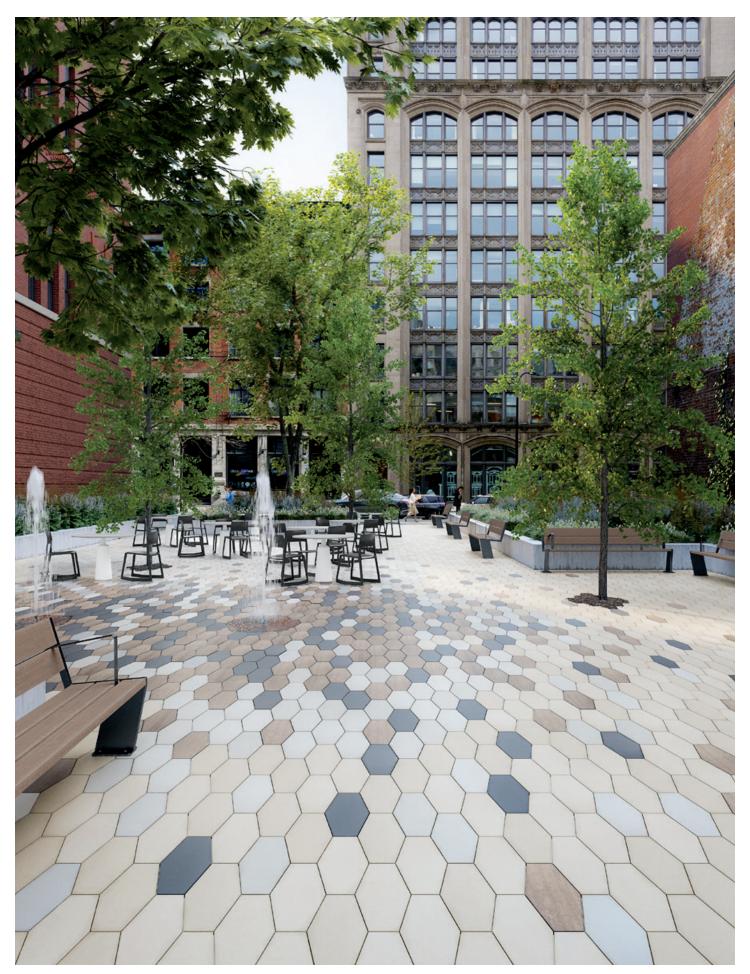
TECHO—BLOC

INSPIRING ARTSCAPES



TECHOSPEC

HARDSCAPER'S HANDBOOK - VOLUME 22



 $\label{thm:eq:condition} \textit{Hexa 60}\,\,\text{mm}\,\,\text{slab}\,\,\text{in Chestnut Brown, Beige Cream, Greyed Nickel}\,\,\text{and Onyx Black}$

Inspiring Artscapes

You're not looking to blend in,
but rather stand out from the crowd.
We take that philosophy to the outdoors,
reshaping the idea of what
landscapes can look like.

WE LIVE TO CREATE

IMPORTANT INFORMATION

A STANDARD OF CARE

The care of high quality concrete products is similar to the care of any product left in the environment 365 days and nights per year. Very mild cleaning using detergents, water and product specific chemicals is necessary and similar to cleaning patio furniture, a vehicle's chrome, plastic, or paint, etc. in order to enhance their presence and charm. Protectants of all types (high, middle, and low sheen, pigmented/tinted, penetrating or film-forming) are available for additional protection from acid rain, stains and nature's worst. To get the most from your investments take care of them and they'll take care of you.

For any questions on industry-specific cleaners and protectants, see your local hardscape dealer, contact your contractor, contact us or search online.

It is contrary to Techo-Bloc's Standard Operating Procedures (SOP) to be involved in the care of a mature pavement or retaining structure. Care, as mentioned above, is the responsibility of the owner for any and all outdoor products.

NCMA disclaimer: "In areas where segmental retaining walls will be repeatedly exposed to snow (such as from plowing operations) consider periodically applying sealants or water repelling chemicals (silane or siloxane compounds) to the wall surface."

COLOR

Due to the inherent nature of printed literature and current digital media, Techo-Bloc cannot guarantee specific color matching to printed representations of its color swatches.

Each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another. Therefore, colors samples shown are approximate representations of our standard colors and actual product colors may vary.

Final color selection should be made at your local dealer from stocked product. Techo-Bloc always recommends immediately verifying the product and colour upon reception. If there are any discrepancies, contact your local dealer before continuing your project. Installation of the product constitutes your acceptance of the product as is.

EFFLORESCENCE

This warranty does not apply to efflorescence. Efflorescence is a naturally-occurring process in all concrete products which sometimes appears in the form of a white powdery film on the pavement surface. Efflorescence is more perceivable in darker colours such as Onyx Black and Chocolate Brown as there is a higher level of contrast than with other blended colours. It does not, in any way, compromise the functionality or the structural integrity of the product. Although efflorescence cannot be prevented, it will wash off over time or can be cleaned with efflorescence cleaner. Techo-Bloc accepts no responsibility or liability for this condition.

POLYMERIC HAZE

Polymeric haze from the use of polymeric joint sand may appear on your concrete products if the sand was not removed from the surface of the paver properly. This does not, in any way, affect the integrity of the product or your installation. The hazing will weather away naturally with time and rain. It can be removed with a specialized cleaner; you are advised to contact your contractor or the polymeric sand company used for instructions & recommendations. Techo-Bloc accepts no responsibility or liability for this occurrence.

CONSTRUCTION RESIDUE

A by-product of cutting with a saw is residue-filled water or concrete dust. Residue filled water or re-hydrated dust can cling to the surface and leave a concrete stain. It is recommended to wash and remove the water or concrete dust from the surface of the pavers before it dries. Construction residue can also happen through soil disturbance or environmental elements. These contaminants should be removed immediately but do not affect the integrity of the product or your installation. Techo-Bloc accepts no responsibility or liability for these occurrences.

PROPER COLOR DISTRIBUTION AND LAYING TECHNIQUES

Proper installation enhances the overall color of pavement. Units should be randomly picked from at least two pallets when installing. This creates an attractive and subtle blending of color.

COMPACTOR AND SNOW REMOVAL EQUIPMENT

Pavers with an embossed surface (high and low points) are more susceptible to scuff marks from vibratory plate compactors used in most concrete paver installations. Techo-Bloc recommends the use of a urethane mat between the plate and the paver surface during compacting. Contact your equipment supplier for more information about accessories for this purpose. Also, snow removal equipment should have the proper spacing, bumpers, and rubber blade guards to protect the surface of the pavers. Techo-Bloc is not responsible for damage caused by the misuse of compaction or snow removal equipment, which may leave scuff marks, or burns on pavers.

NOTE:

For industry information about efflorescence, polymeric haze or information pertaining to installation specifications, please visit www.icpi.org or www.ncma.org.

INSTALLATION GUIDES:

The installation diagrams are only a guide or a reference and cannot cover all possible situations. Therefore, Techo-Bloc declines all responsibility regarding the applicability of the installation diagrams with regards to any specific site. The customer is fully responsible for product installation and Techo-Bloc recommends the use of qualified professionals, such as an architect, a master contractor or an engineer who will be able to customize the installation diagram to the specific site conditions.

LIMITED WARRANTY

The warranty applies to concrete landscaping and masonry products (herein referred to as "products") intended for residential use and manufactured by the Techo-Bloc group.

All Techo-Bloc products comply with applicable standards established by the American Society for Testing and Materials (ASTM) and the Canadian Standards Association (CSA).

Techo-Bloc offers a transferable life-time warranty on its products, commencing on the date of delivery. The warranty covers the structural integrity of the products and any abnormal deterioration of its surfaces that may be caused by the use of rock salt (sodium chloride [NaCl]) for de-icing pavers, slabs or steps, with the exception of Stonedge collection products, unless otherwise stated.

THE FOLLOWING CONDITIONS OR EVENTS ARE NOT COVERED BY THE WARRANTY:

- 1. Claims regarding the color, size, or texture of a product already installed. An installed product confirms the acceptance of the product received.
- 2. Use of rock salt and transferability of warranty on Stonedge Collection products (wet cast products) unless otherwise stated.
- 3. Splitting, chipping or other breakage caused by impact, abrasion or overloading.
- 4. Damage or loss caused by the movement or settling of the underlying structure or base components upon which the products are set.
- 5. Damage or loss caused by design or installation not in compliance with local codes, industry standards or the guidelines provided by the Interlocking Concrete Pavement Institute (ICPI), the National Concrete Masonry Association (NCMA) or Techo-Bloc.
- 6. Damage or loss caused by natural disaster including, but not limited to, earthquakes, floods or other similar events.
- 7. Acts of negligence or misuse by the owner, installer or any third party.
- 8. Color matching to printed representations.
- 9. Efflorescence, polymeric haze or construction-born residue. (See important information section for terminologies)
- 10. Damage or loss caused by the operation of compaction or snow removal equipment.
- 11. Normal behavior, wear and tear such as variation in colors or shades.

In the event of product failure within the scope of this warranty, Techo-Bloc will replace the affected units only, following a site inspection and assessment of the products by Techo-Bloc or its representatives. Techo-Bloc's responsibility is limited to the cost of the product only and not to the costs related to the installation or replacement of said products. Techo-Bloc will honor this warranty only with a proof of purchase, such as an invoice or delivery slip.

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TECHO-BLOC COLLECTION PRODUCTS



STONEDGE COLLECTION PRODUCTS



PEDESTRIAN



SECONDARY STREETS



MAIN STREETS



USE VIBRATING PLATE



PERMEABLE PAVERS





RESIDENTIAL / VEHICULAR

DO NOT USE DE-ICING SALT



DE-ICING SALT RESISTANT



PEDESTRIAN PLAZA



MECHANICAL INSTALLATION

DO NOT USE VIBRATING PLATE



K

HIGH DEFINITION & DENSITY



HIGH DEFINITION & DENSITY +



KLEAN-BLOC

PARKING LOTS







Download over 20 construction guides

Build outdoor features quickly and easily. Each feature is complete with material lists, step-by-step instructions and detailed drawings.

Includes:

Firepits

- Cooking Solutions
- Water Features
- Seating

THE DESIGN PLAYGROUND





COLORS

We love naturals. Thoughtful planning of our color selection means that all your favorite shades show up in multiple collections, making it easy for you to mix, match and contrast to your heart's content. Refer to our color coordinate on page 18 to find which products are available in your favorite colors.



Natural ingredients are present within the recipe to allow for a range in tones, veining and textures from one stone to another. Color samples are for reference only and actual product colors may vary.

¹ Paving units with this color have potential Solar Reflectance (SR) of at least 0.33 and/or Solar Reflectance Index (SRI) of at least 29. These values may change for the same color depending on the finish and local aggregates. See page 17 for specific SR and SRI values.



TEXTURES



HD2+ SMOOTH

Hexa (p. 52, 73) Westmount (p. 100)



HD² SMOOTH

Blu (p. 41, 44, 46, 67, 70) Para (p. 57, 58, 59)
Diamond (p. 71) Sleek (p. 94)
Industria (p. 54, 74, 76, 78, 79, 82, 84, 86, 88)



SMOOTH

Antika (p. 65)
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Blu (p. 41, 44, 46, 67, 70)
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Manchester (p. 114, 116) Pacific (p. 255) Raffinato (p. 120, 132, 133, 211, 213, 248, 268) Skyscraper (p. 232, 233) Venetian overlay (p. 257) Victorien (p. 98)



HD2+ NATURAL STONE

Everest (p. 50, 51)



HD² SLATE

Blu (p. 40, 43, 45, 66, 69) Inca (p. 53) Mika (p. 92)



SLATE

Avignon (p. 128)
Blu (p. 41, 43, 45, 66, 69)
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Portofino Cap (p. 266) Pure (p. 108) Röcka (p. 223, 249) Squadra (p. 95) Venetian overlay (p. 256) Villagio (p. 99)



HD² POLISHED

Industria (p. 54, 75, 77, 80, 81, 83, 85, 87, 89)



POLISHED

Blu (p. 42, 47, 68) Bullnose Grande (p. 263) Raffinato (p. 132, 133, 210, 212)



HD² GRANITEX

Diamond (p. 71) Industria (p. 54, 74, 76, 78, 79, 82, 84, 86, 88)



OCEAN WAVES

Ocean Grande HD² (p. 56)



BRUSHED TRAVERTINE

Travertina Raw (p. 238, 239)



SPLIT FACE

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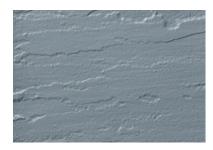


BASALT
Valet (p. 97)



WOOD

Borealis (p. 49, 129, 157, 246)



KLEAN-BLOC SLATE

Aberdeen (p. 38, 39) Piedimonte (p. 265) York (p. 270, 271, 272)



KLEAN-BLOC BRUSHED TRAVERTINE

Travertina Raw (p. 60, 61, 96, 269)



KLEAN-BLOC WOOD

Borealis (p. 48)

SHAPES

Ready for something different? There's a lot more to paving stones than just right angles. From classic to creative, explore all the options — then let them be the building blocks for your next big idea.





PAIRINGS

From coordinated color schemes to flawless finishes, backyard blends are made easy with our cross category collections. Discover the perfect design pairing for your outdoor space that focuses on seamless surfaces from top to bottom.



TONE ON TONE

Same, but different. We color-match across our collections, making it easy to mix textures, shapes and sizes.

Graphix wall, Raffinato cap and Diamond paver in Greyed Nickel

THE TEXTURED TOUCH

Win by playing the same game. From slabs to pavers to copings and beyond, discover the beauty of working within one consistent texture.

Travertina Raw slab, paver, wall, and cap in Ivory





NATURE FINISHES FIRST

Different products, one-of-a-kind feeling.
Keeping with a similar finish across
collections creates an effortlessly natural or
rustic-feeling cohesiveness.

Everest slab, Valet paver, Röcka wall, and Piedimonte cap

SOLAR REFLECTANCE & LEED CREDITS

Solar reflectance index (SRI) is a value that incorporates solar reflectance (SR) and thermal emittance in a single measure. The SRI is an indicator of how well a surface reflects (reflectance) and release absorbed solar radiation (emittance). The lower the SRI, the hotter a material is likely to become in sunlight. Dark pavement surfaces tend to have lower solar reflectance values than lighter pavement surfaces. Thus, cautious selection of pavement surface colors can help reduce heat islands which cause urban areas to stay warmer and contributes to air pollution and increased energy consumption. Nowadays, it is not uncommon for some municipalities in North America to require the use of paving materials with an initial SRI of 29.

TECHO-BLOC COLORS WITH SR OF AT LEAST 0.33 AND/OR SRI OF AT LEAST 29

Furthermore, for LEED certification there are credit requirements for Sustainable Sites Credit: Heat Island Reduction.

The following are some key elements for Nonroof and Parking under cover applications (see LEED v4.1 for a thorough information):

- Nonroof (2 points except Healthcare, 1-point Healthcare): Use of paving materials with an initial SR value of at least 0.33.
- Parking under cover (1 point): Any roof used to shade or cover parking must have a three-year aged SRI of at least 32 (if three-year aged value information is not available, use materials with an initial SRI of at least 39 at installation).

Techo-Bloc light-colored paving units contribute to the reduction of heat island effects and to obtain LEED points. The table to the right summarizes the colors of Techo-Bloc paving units with SR of at least 0.33 and/or SRI of at least 29.

The values shown in the table may change slightly for the same color due to variations in local aggregates. Contact your Techo-Bloc Representative for our current list of SR and SRI values

	AND/	OR SRI OF AT LE	AST 29	
FINISH	COLOR	SWATCH	SOLAR REFLECTANCE ¹	SOLAR REFLECTANCE INDEX ²
UD? Connects	Beige Cream		0.35	38
HD ² + Smooth	Greyed Nickel		0.36	39
HD ² Smooth	Beige Cream		0.35	38
HD- SMOOTH	Greyed Nickel		0.33	36
Smooth	Beige Cream		0.33	36
Smooth	Greyed Nickel		0.34	37
HD ² Polished	Beige Cream		0.38	42
no- Polisileu	Greyed Nickel		0.37	41
HD ² Granitex	Beige Cream		0.33	36
no Granitex	Greyed Nickel		0.39	43
HD ² Slate (wetcast)	Victoria		0.31	33
HD ² Brushed Travertine (wetcast)	lvory		0.35	38

NOTES

- 1. Solar Reflectance measurements in accordance with ASTM C1549 "Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer".
- Solar Reflectance Index (SRI) calculated in accordance with ASTM E1980 "Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces".

COLOR COORDINATE

For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another. Final color selection should be made with your contractor from product samples or at your local dealer from stocked product. This color chart serves as a guide for color selection across product lines.

x Available © Permeable
M Available only in Midwest

E Available only in Eastern

• Available only in USA

C Available only in Canada

Midwestern USA encompasses these states: AR, CO, GA, IA, ID, IL, IN, KS, KY, MI, MN, MO, MS, ND, NE, OH, Western PA, SD, TN, WI & WV. Eastern USA encompasses these states: CT, DE, MA, MD, ME, NC, NH, NJ, NY, Eastern PA, RI, SC, VA & VT.

Slabs	Merlot	Chocolate Brown	Chestnut Brown	Sandlewood	Champlain Grey	Beige Cream	Greyed Nickel	Grey	Shale Grey	Onyx Black	Smoked Pine	Rock Garden Brown	Hazelnut Brandy	Ivory	Victoria	Riviera	Azzurro
Aberdeen Klean-Bloc												Х					X
Blu 45 mm Overlay System - Slate			Х	Х	Х				Х								
Blu 45 mm Overlay System - Smooth			Х		X	Х	х		Х	Х							
Blu 60 mm - Slate ③			Х	Е	Х				Х								
Blu 60 mm - HD ² Slate ①			•	Е	•				•								
Blu Grande - Slate			Х	Е	Х				Х								
Blu Grande - HD ² Slate			•	Е	•				•								
Blu 60 mm (6 × 13) - Slate ◎		Х	Х		Х				Х	Х							
Blu 60 mm (6 × 13) - HD² Slate ◎			•		•				•	•							
Blu 60 mm Smooth 🕥			Х		Х	Х	Х		Х	Х							
Blu 60 mm HD ² Smooth ③			Х		Х		Х		Х	Х							
Blu 60 mm (6 × 13) - Smooth ③		Х	Х		Х	Х	Х		Х	Х							
Blu 60 mm (6 \times 13) - HD ² Smooth \odot			Х		Х		Х		Х	Х							
Blu Grande - Smooth			Х		Х	Х	Х		Х	Х							
Blu Grande HD ² Smooth			Х		Х		Х		Х								
Blu 60 mm & Grande - Polished			Х			Х	Х		Х	Х							
Borealis Klean-Bloc											Х		Х			Х	
Borealis Stepping Stones													Х				
Everest HD ² +	Х		Х				Х		Х								
Hexa 60 mm HD ² +			Х			Х	Х		Х	Х							
Inca HD ²															Х	Х	
Industria HD ² - 600 Series			Х			Х	Х		Х	Х							
Maya															Х	Х	
Ocean Grande HD ²						Х	Х										
Pacific Cap and Overlay System			Х		Х				Х								
Para HD ²						Х	Х			Х							
Travertina Raw Klean-Bloc												Х		X		Х	

Pavers	Merlot	Chocolate Brown	Chestnut Brown	Sandlewood	Champlain Grey	Beige Cream	Greyed Nickel	Grey	Shale Grey	Onyx Black	Smoked Pine	Rock Garden Brown	Hazelnut Brandy	Ivory	Victoria	Riviera	Azzurro
Antika - Smooth ①		Х	Х	Х					Х	Х							
Aquastorm ③								Х									
Blu 80 mm - Slate 🚳			Х	Е	Х				Х								
Blu 80 mm - HD² Slate 🔕			•		•				•								
Blu 80 mm (6 × 13) - Slate 🕔		Х	Х		Х				Х	Х							
Blu 80 mm (6 × 13) - HD ² Slate (3)			•		•				•	•							
Blu 80 mm - Smooth 🚳			Х		Х	Х	Х		Х	Х							
Blu 80 mm - HD² Smooth 🔕			Х		Х		Х		Х	Х							
Blu 80 mm (6 × 13) - Smooth (6)		Х	Х		Х	Х	Х		Х	Х							
Blu 80 mm (6 × 13) - HD² Smooth ◎			Х		Х		Х		Х	Х							
Blu 80 mm - Polished (On order only) (1)			Х			Х	Х		х	Х							
Diamond HD ²			Х			х	Х		Х	Х							
Eva			Х	Х	Х				х								
Hexa 100 mm HD ² +			Х			Х	Х		х	Х							
Hydra 🔕			Х					Х	х								
Industria Collection HD ²			Х			х	Х		Х	Х							
Linea			Х		Х				х	Х							
Mika Klean-Bloc 🔕										Х		Х					
Mista Random (1)			Х	Х	X				х								
Pure ①			Х	Х	Х				х								
Sleek HD ²			Х		Х	х	Х		х	Х							
Squadra - Slate	X		Х						х	Х							
Travertina Raw Klean-Bloc (()												Х		Х		Х	
Valet ⊚			Х		Х				Х	Х							
Victorien 60 mm		Х							Х	Х							
Villagio 🔕	X	Х	Х	Х	Х				Х	Х							
Westmount HD ² +	x	X							×	Х							

Outdoor Features

Manchester Foyer - Smooth		Х					Х				
Brandon Firepit		Х					Х				
Prescott Firepit									Х		Х
Raffinato Firepit					X	Х					
Valencia Firepit		×	X	X			Х				

Edges

Avignon		Х	Х	Х			Х						
Borealis									Х	Х			
Brandon	X	Х	Х	Х			Х	Х					
Pietra		Х	X	Х			Х						
Raffinato Collection					Х	X	С	Х					
Röcka	X	Х										Х	

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Walls & Pillars	Merlot	Chocolate Brown	Chestnut Brown	Sandlewood	Champlain Grey	Beige Cream	Greyed Nickel	Grey	Shale Grey	Onyx Black	Smoked Pine	Rock Garden Brown	Hazelnut Brandy	Ivory	Victoria	Riviera	Azzurro
Borealis											Х		Х				
Brandon			Х	Х	Х				Х	Х							
Fascia Wall Collection Klean-Bloc		Х										Х				Х	X
G-Force			Х	X	Х				X								
Graphix						х	Х			Х							
Mini-Creta Architectural Wall		Х	Х	Х	х				Х								
Mini-Creta Architectural Pillars			х	Х	Х				Х								
Prescott Collection												х			х	х	
Raffinato Collection						Х	Х		С	Х							
Röcka		Х										х				Х	
Semma			х	Х	Х				Х								
Skyscraper			х						Х								
Travertina Raw												Х		Х		х	

Steps, caps and overlay system

Steps, caps and overlay sy	stem														
Architectural Cap		Х	Х	Х	Х			Х	Х						
Bali Travertina Cap Klean-Bloc											Х		Х	Х	
Brandon Cap			Х	Х	Х			Х	Х						
Bullnose Cap		X	Х		Х			Х	Х						
Bullnose Grande Cap						X	Х								
Graphix Cap						X	X		×						
Piedimonte Cap Klean-Bloc									Х		Х			Х	
Portofino Cap		Х							Х		Х			Х	:
Raffinato Cap Collection			X		Х	Х	Х	С	Х						
Travertina Raw Cap Klean-Bloc											Х		Х	Х	
York Collection Cap Klean-Bloc		Х							×		Х		Х	Х	
Borealis Step										X		х			
Maya Step		Х									Х			Х	
Raffinato Step						Х	Х	С	Х						
Röcka Step		Х									Х			Х	
York Step		X									Х			Х	
Venetian Overlay System - Slate			Х	Х	Х			Х							
Venetian Overlay System - Smooth			Х	Х	Х			Х							



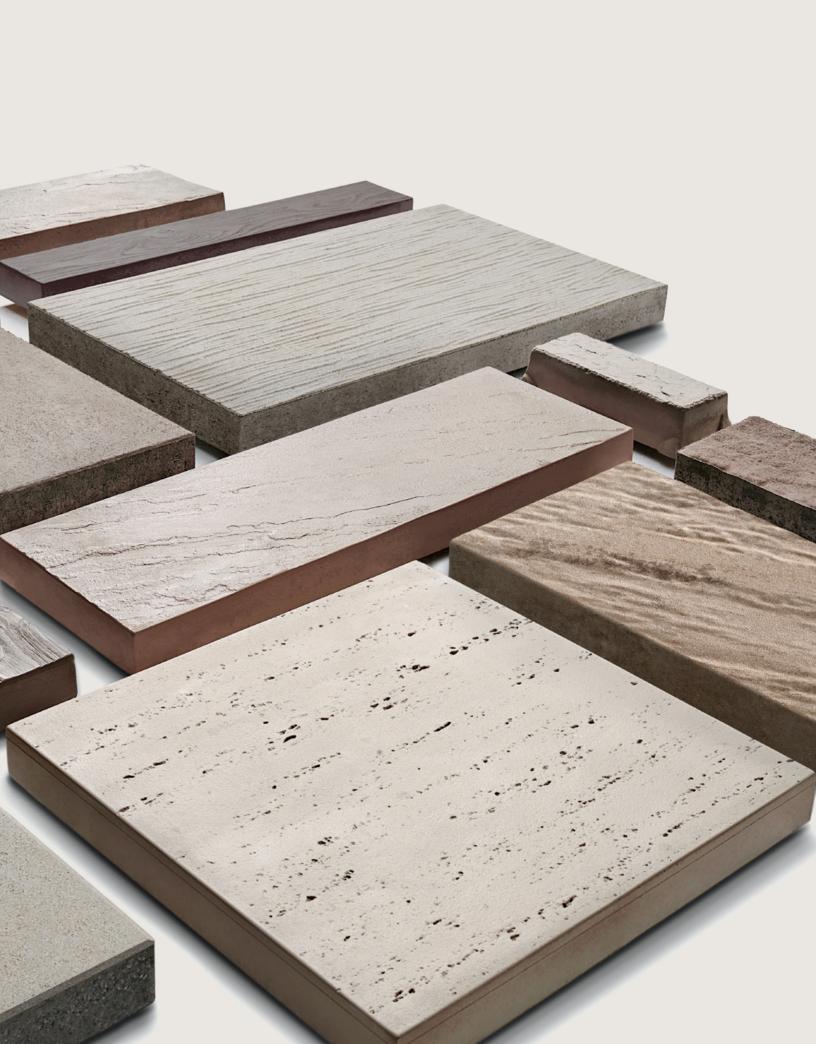


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NATURAL LOOK, UNPARALLELED DURABILITY.

At Techo-Bloc, we believe that no one should have to compromise between style and durability when choosing their landscaping products. That is why we work tirelessly to develop the best pavers and slabs to revive your outdoor spaces and ensure that they stand up to the test of time even in the harshest of climates.

 ${\rm HD^2}$ (High Definition & Density) technology is a face-mix manufacturing process fusing two engineered layers that delivers a paving stone with enhanced finish, enriched color and greater strength.

The surface layer is composed of fine wear-resistant, durable aggregates and concentrated color that delivers smoother textures and richer color. The base layer uses a mix with coarser aggregates that gives the paving stone its strength. This manufacturing process from Techo-Bloc creates the optimal paving stone.

*The factory seal on HD²+ products has a lifetime of up to 3 years, depending on product usage.



DURABILITY



ULTRA-DETAILED TEXTURE



VIBRAN



STAIN



REDUCED ARSORPTION PA



SUPERIOR STRENGTH



DE-ICING SALT RESISTANT

KLEAN -BLOC	•	•	•	•	•		
HD ²	•	•	•			•	•*
H ² +	•	•	•	•	•	•	•



Factory-applied protection for stain resistance.

WORRY LESS. RELAX MORE.

Developed to seal in the beauty of wetcast products, Klean-Bloc technology creates an advanced protective barrier against everyday wear and tear. Enjoy the beauty and character of natural materials like travertine and wood grain, without the worry of maintenance.









ULTRA-DETAILED

TEXTURE

COLOR









REDUCED ABSORPTION RATE RESISTANCE

PRODUCTS WITH KLEAN-BLOC

Aberdeen slab

174 Iconic & Rosemont walls

48 Borealis slab 60 Travertina Raw slab Mika paver

260 Bali Travertina Raw cap 265 Piedimonte cap

Travertina Raw paver

269 Travertina Raw cap 270 York cap

A smart choice for a high-end finish.



A NEW ERA OF CONCRETE

HD² is always ready for a close-up. Boasting higher particles per square inch, this drycast technology leads to a tighter surface for the most flawless of finishes.









VIBRANT



SUPERIOR



DE-ICING SALT

*Except Inca slab

PRODUCTS WITH HD²

Blu 60 mm slab

Inca slab

Industria slab

Ocean Grande slab

Para slab

Blu 80 mm paver

Diamond paver

Industria paver

Sleek paver

Taking your slabs and pavers to the next level.

FACTORY SEAL FOR EXTRA-PROTECTION

Taking our already cutting-edge technology to the next level, HD²+ has the added benefit of a factory seal for added stain resistance, elevated color boost and a reduced absorption rate.





DURABILITY



ULTRA-DETAILED **TEXTURE**



COLOR



RESISTANCE



REDUCED ABSORPTION RATE



SUPERIOR STRENGTH



DE-ICING SALT RESISTANT

PRODUCTS WITH HD2+

50 Everest slab

Hexa slab 52

73 Hexa paver

Westmount paver



SAMPLE BOOKLET PROGRAM

THE ULTIMATE SALES TOOL

PRODUCT SELECTION MADE EASY FROM THE COMFORT OF YOUR CLIENT'S HOME.



CLOSE DEALS FASTER



HELP CLIENT WITH PURCHASING PROCESS



EASY TRANSPORT



TOP SELLING PRODUCT SAMPLES













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Reduce Cancellations



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TYPICAL APPLICATION USAGE

Slabs

		KNESS IINAL)		INT DTH	RESID	ENTIAL			COMMERCIA	L					
	mm	in	mm	in	(ĝĝ)		(QQ)		P		PERMEABLE	GRASS (CONCRETE GRID) PAVER	INSTALLATION ON PEDESTAL SET	BITUMINOUS SAND-SET ⁴	ADA ⁵
Aberdeen 20×10 & 20×20³	57	2 1/4	5	3/16	х		Х								
Aberdeen 30×10^3	57	2 1/4	5	3/16	х		Х								
Aberdeen 30×20³	57	2 1/4	5	3/16	Х		Х								
Aberdeen 30×30^3	57	2 1/4	5	3/16	х		х								
Blu 60	60	2 3/8	7	9/32	х		Х				Х				X ⁶
Blu 60 mm 6×13	60	2 3/8	7	9/32	X	Х	Х				Х				X ⁶
Blu Grande	60	2 3/8	7	9/32	X		Х						HD ² only		X ⁶
Borealis 5×30³	57	2 1/4	5	3/16	X		Х								Х
Borealis 10×30³	57	2 1/4	5	3/16	X		Х								Х
Borealis stepping stones ³	57	2 1/4	Var	iable	Х		Х								
Everest square 250×250	60	2 3/8	1,5	1/16	х	Х	Х	Х							
Everest square 500×500	60	2 3/8	1,5	1/16	Х		Х						х		
Everest rectangle	60	2 3/8	1,5	1/16	х		Х								
Hexa 60 mm	60	2 3/8	2,5	3/32	Х		Х								Х
Inca ³	51	2	5	3/16	Х		Х								
Industria slab	60	2 3/8	3	1/8	х		Х						х		Х
Maya ³	57	2 1/4	Var	iable	Х		Х								
Ocean Grande	60	2 3/8	4	5/32	Х		Х								
Para 500×250	60	2 3/8	3	1/8	Х		Х								Х
Para 500×500	60	2 3/8	3	1/8	х		Х						x		Х
Para 500×750	60	2 3/8	3	1/8	х		Х						х		Х
Raffinato 14"×28" (60 mm)	60	2 3/8			х		Х								
Travertina Raw (slab) 20×10 & 20×20 ³	57	2 1/4	2	1/16	х		Х								Х
Travertina Raw (slab) 20×30^3	57	2 1/4	2	1/16	х		Х								Х
Travertina Raw (slab) 30×30³	57	2 1/4	2	1/16	Х		Х								Х

Notes:

- 1. For this application, it is recommended that this product be installed on a concrete base as designed by a local Engineer.
- 2. The installation of this product on an aggregate base will provide an acceptable performance. For a superior performance, this product can be installed on a concrete base.
- 3. De-icing salt shall not be used on this product.
- $4. \ Pavers \ on \ bituminous s and \ set \ in \ vehicular \ applications \ require \ the \ thickness \ tolerance \ to \ be \ +/- \ 1/16 \ in. \ (1.5 \ mm).$
- 5. Meets the Americans with Disabilities Act (ADA) design guidelines for accessible paths:
 - Slip resistant paver surface
- Paver joint openings do not allow the passage of a sphere greater than $\slash\!\!\!/_2$ in. (13 mm) in diameter
- 6. Tumbled or embossed pavers could result on surfaces or edges unsuitable for ADA applications.

RESIDENTIAL



 $\textbf{Pedestrian:} \ \text{Pedestrian use (e.g. patios and walkways)}.$



Residential / Vehicular: Residential vehicle use (e.g. driveways).

COMMERCIAL



Pedestrian only: Pedestrian at all times, no cars, service vehicles or other mobile equipment (e.g. courtyards, parks and pedestrian walkways).



Pedestrian Plaza: Primarily pedestrian but occasionally subjected to service vehicles (e.g. maintenance, snow removal or emergency vehicles).



Parking lots: Parking areas and access ways for cars, SUVs and pickup trucks occasionally subjected to delivery and garbage trucks (e.g. parking and access ways for malls, offices and multi-storey residential buildings).



Secondary streets: Roadways with mostly automobile traffic and occasional trucks and bus traffic (e.g. residential streets, local roads)



Main streets: Roadways with general traffic mix and where heavy vehicles are a regular component of the daily traffic volume (e.g. boulevards, collectors and arterials).

TYPICAL APPLICATION USAGE

(cont'd)

Pavers

		(NESS IINAL)		INT DTH	RESIDI	ENTIAL		-	COMMERCIA	L						
	mm	in	mm	in	(<u>00</u>)		(QQ)		P			PERMEABLE	GRASS (CONCRETE GRID) PAVER	INSTALLATION ON PEDESTAL SET	BITUMINOUS SAND-SET ⁴	ADA ⁵
Antika	60	2 3/8	Vari	able	х	х	Х					х				
Aquastorm	100	3 15/16	41	15/8	x	х	х	×	х			x	Х			
Blu 80	80	3 1/8	7	9/32	х	х	х	х	Х			х			×	X ⁶
Blu 80 (6×13)	80	3 1/8	7	9/32	х	х	Х	×	х			×			×	X ⁶
Diamond	100	3 15/16	2,5	3/32	Х	Х	Х	Х	Х	Х					X	х
Eva	60	2 3/8	3	1/8	х	х	Х									
Hexa 100 mm	100	3 15/16	2,5	3/32	Х	Х	Х	Х	Х						X	х
Hydra	100	3 15/16	13	1/2	х	х	Х	×	х	х		×				х
Industria 150×150	100	3 15/16	3	1/8	Х	Х	Х	Х	Х	Х					X	х
Industria 200×200	100	3 15/16	3	1/8	×	х	x	х	×	x					×	х
Industria 200×400	100	3 15/16	3	1/8	Х	Х	Х	Х	Х						X	х
Industria 300×100	100	3 15/16	3	1/8	х	х	Х	×	х	х	×				×	х
Industria 300×150	100	3 15/16	3	1/8	Х	Х	Х	Х	Х	Х	Х				X	х
Industria 300×300	100	3 15/16	3	1/8	х	х	Х	×	х	х					×	х
Industria 450×100	100	3 15/16	3	1/8	х	х	х	х	Х						×	х
Industria 450×150	100	3 15/16	3	1/8	x	х	х	×	х						×	х
Industria 450×300	100	3 15/16	3	1/8	Х	Х	Х	Х	Х						X	х
Industria 600×100	100	3 15/16	3	1/8	x	×	х	×	X ¹						×	х
Industria 600×200	100	3 15/16	3	1/8	Х	Х	Х	Х	X ¹						X	х
Industria 600×300	100	3 15/16	3	1/8	х	х	Х	×	X ¹						×	х
Industria 600×600	100	3 15/16	3	1/8	Х	Х	Х	Х	X ¹						X	х
Industria 900×300	100	3 15/16	3	1/8	х	X ¹	Х									х
Industria 900×600	100	3 15/16	3	1/8	Х	X ¹	Х									х
Industria 900×900	100	3 15/16	3	1/8	х	X ¹	х									х
Industria Triangle	100	3 15/16	3	1/8	Х	Х	Х	Х	Х							х
Linea small rectangles	100	3 15/16	3	1/8	х	х	Х	×	х						×	х
Linea larges rectangles	100	3 15/16	3	1/8	х	Х	Х	×	Х						×	Х
Mika	70	2 3/4	15	5/8	х	х	Х	×				×				
Mista random	65	2 %16	4-14	3/16-9/16	Х	Х	Х					X				
Pure	80	3 1/8	10	13/32	x	×	х	×	X			Х				
Sleek	90	3 %16	2.5 or 4.0	³ / ₃₂ or ⁵ / ₃₂	х	X ²	Х									х
Squadra	60	2 3/8	4	5/32	×	Х	×									
Travertina Raw (paver)	70	2 3/4	15	5/8	×	Х	Х	Х				Х				
Valet	60	2 3/8	7	9/32	×	Х	×	Х	Х			Х			×	
Victorien 60 mm	60	2 3/8	3	1/8	X	Х	X	Х	Х						×	Х
Villagio	60	2 3/8	9-15	3/8-9/16	×	X	×	х	х			Х				
Westmount	80	3 1/8	3	1/8	Х	Х	Х	Х	Х						X	Х

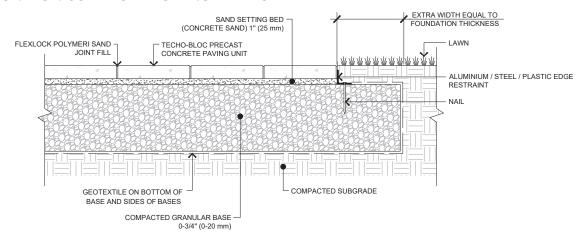
Notes:

- 1. For this application, it is recommended that this product be installed on a concrete base as designed by a local Engineer.
- 2. The installation of this product on an aggregate base will provide an acceptable performance. For a superior performance, this product can be installed on a concrete base.
- 3. De-icing salt shall not be used on this product.
- 4. Pavers on bituminous-sand set in vehicular applications require the thickness tolerance to be \pm 1/16 in. (1.5 mm).
- 5. Meets the Americans with Disabilities Act (ADA) design guidelines for accessible paths:
 - Slip resistant paver surface
 - Paver joint openings do not allow the passage of a sphere greater than $\slash\hspace{-0.6em} \chi$ in. (13 mm) in diameter
- 6. Tumbled or embossed pavers could result on surfaces or edges unsuitable for ADA applications.

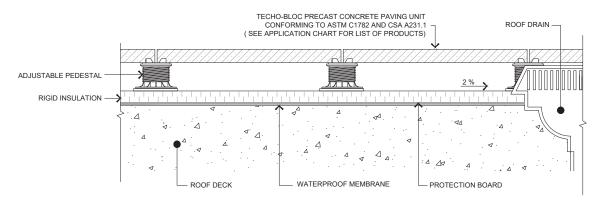
31

INSTALLATION GUIDE

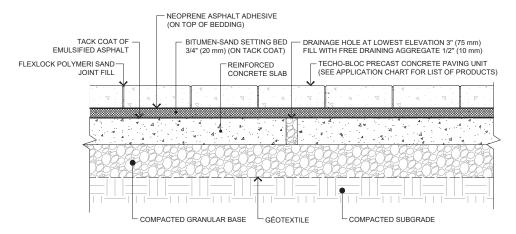
PAVING UNIT ON COMPACTED GRANULAR BASE



PAVING UNIT ON PEDESTAL SET

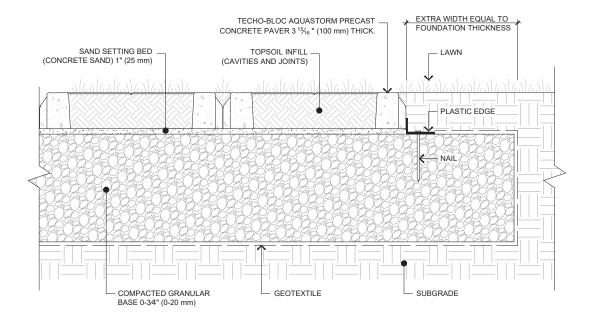


PAVING UNIT ON BITUMINOUS SAND-SET

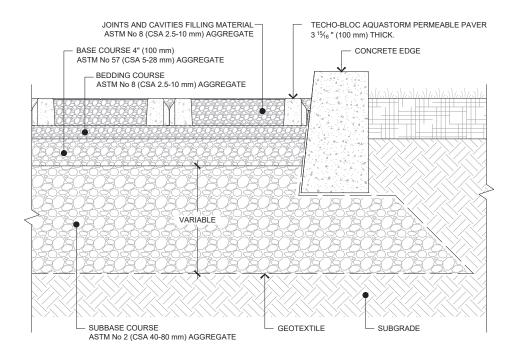


INSTALLATION GUIDE

CONCRETE GRID PAVER - AQUASTORM (GRASS INFILL)

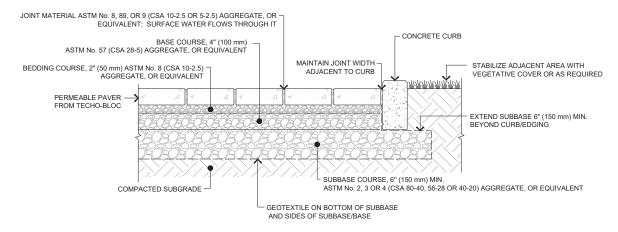


CONCRETE GRID PAVER - AQUASTORM (AGGREGATE INFILL)

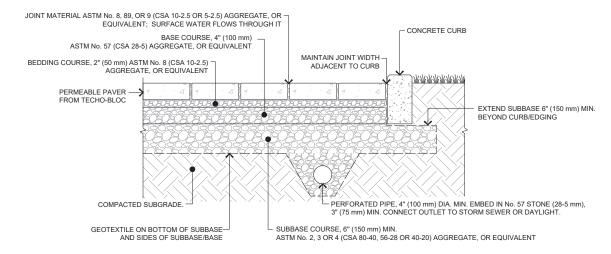


INSTALLATION GUIDE

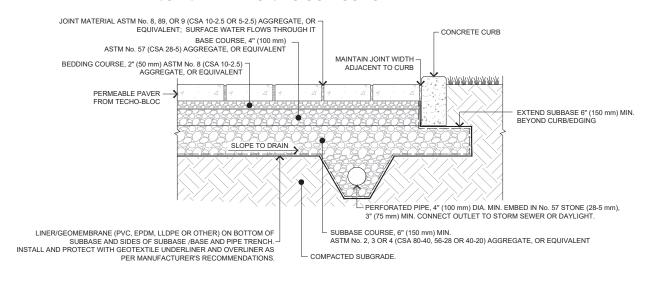
PERMEABLE PAVER - FULL INFILTRATION TO SOIL SUBGRADE



PERMEABLE PAVER - PARTIAL INFILTRATION TO SOIL SUBGRADE



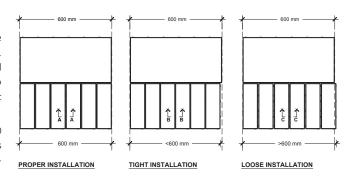
PERMEABLE PAVER - NO INFILTRATION TO SOIL SUBGRADE

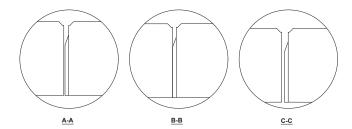


INSTALLATION ACCORDING TO NOMINAL DIMENSIONS

The nominal dimension of a paving unit (width or length) represents the absolute distance between the half-joint on one side of the paving unit and the half-joint on the opposite side. The paving units must be laid while respecting their nominal dimensions. Installed pavers must be neither too tight nor too loose to ensure the performance and integrity of the pavement in service.

Here is an example where pavers of nominal dimension 600x100 mm are laid next to 600x300 mm pavers. If the installation is done according to the nominal dimensions (mid-joint to mid-joint), then at each 600 mm the ends of the pavers will coincide. Otherwise, the installation will be considered tight or loose.





PAVING UNITS – JOINT WIDTH

The space between the paving units (excluding the spacer), i.e. the joint width (J), will depend on the thickness of the spacer (T) and the free space (e) between the spacer and the edge side (or spacer) of the adjacent paving unit. To these dimensions are added the dimensions of the chamfer (Ch) and flat shoe (Cf) to determine the joint width on the surface (Js) of the segmental concrete pavement.

Note: The dimensions shown in this table can differ for paving units with slate texture or other type of embossed texture. SLEEK joint width will depend on the spacer position: (i) front to front (largest dimension) or (ii) staggered (smallest dimension).

								CHAMFER		SPA	CER
	HEIGHT		NOMINAL JOINT WIDTH (J)		JOINT WIDTH ON THE SURFACE (JS)		FLAT SHOE	VERTICAL	HORIZONTAL	THICKNESS	FREE SPACE
PAVER	Н		J1	J2	Js1	Js2	Cf	Cv	Ch	T	e
Aquastorm	100 mm	3 ¹⁵ / ₁₆ in.	41.0 mm	-	49.0 mm	-	1.0 mm	3.0 mm	3.0 mm	20.0 mm	1.0 mm
Blu 80 (6x13)	80 mm	3 1/ ₈ in.	7.0 mm		15.0 mm	-	1.0 mm	3.0 mm	3.0 mm	3.0 mm	1.0 mm
Hexa 100 mm	100 mm	3 15/ ₁₆ in.	2.5 mm	-	7.5 mm		1.0 mm	1.5 mm	1.5 mm	1.5 mm	1.0 mm
Industria	100 mm	3 15/ ₁₆ in.	3.0 mm	-	11.0 mm	-	1.0 mm	3.0 mm	3.0 mm	2.0 mm	1.0 mm
Linea	100 mm	3 15/ ₁₆ in.	3.0 mm	-	11.0 mm	-	1.0 mm	3.0 mm	3.0 mm	2.0 mm	1.0 mm
Diamond	100 mm	3 15/ ₁₆ in.	2.5 mm	-	7.5 mm	-	1.0 mm	1.5 mm	1.5 mm	1.5 mm	1.0 mm
Sleek	90 mm	3 % ₁₆ in.	4.0 mm	2.5 mm	12.0 mm	10.5 mm	1.0 mm	3.0 mm	3.0 mm	1.5 mm	1.0 mm
Westmount	80 mm	3 1/ ₈ in.	3.0 mm		43.0 mm		0.0 mm	1.0 mm	20.0 mm	2.0 mm	1.0 mm
Hydra	100 mm	3 15/ ₁₆ in.	13.0 mm	-	19.0 mm	-	1.0 mm	3.0 mm	3.0 mm	12.0 mm	1.0 mm
Pure	80 mm	3 ½ in.	10.0 mm	-	Variable		Variable	7.0 mm	Variable	9.0 mm	1.0 mm

LEGEND

H HEIGHT

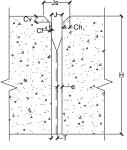
Js JOINT WIDTH ON THE SURFACE

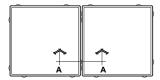
J JOINT WIDTH BETWEEN TWO PAVERS (excluding spacers)

Cf FLAT SHOE CHAMFER
Cv CHAMFER VERTICAL RISE
Ch CHAMFER HORIZONTAL DISTANCE

T THICKNESS OF SPACERS

FREE SPACE BETWEEN THE PAVER'S SPACER AND ADJACENT PAVER





Typical Paver Joint



SLABS

PATIOS, WALKWAYS, POOLSIDES & STEPPING STONES

PHYSICAL AND GEOMETRICAL CHARACTERISTICS

CHARACTERISTI	cs	ASTM C1782	CSA A231.1:19			
Flexural strength		725 psi [5.0 MPa]	5.0 MPa min.			
Freeze-thaw durabil	lity	Mass loss (max.): 225 g/m ² at 28 cycles, or Mass loss (max.): 500 g/m ² at 49 cycles	Mass loss (max.): 225 g/m² after 28 cycles, or Mass loss (max): 500 g/m² after 49 cycles			
	Length & Width	Units up to and including 24 in. [610 mm]: -0.04 in. [1.0 mm] and +0.08 in. [2.0 mm] Units over 24 in. [610 mm]: -0.06 in. [1.5 mm] and +0.12 in. [3.0 mm]	-1.0 mm to +2.0 mm			
Dimensional tolerances (see	Thickness	± 0.12 in. [3.0 mm]	± 3.0 mm			
Notes below):	Marraga	± 0.08 in. [2.0 mm] (Units up to and including 17.75 in. [450 mm])	± 2.0 mm (Units up to and including 450 mm)			
	Warpage	± 0.12 in. [3.0 mm] (Units over 17.75 in. [450 mm])	± 3.0 mm (Units over 450 mm)			

Notes:

- 1. The dimensional tolerances shown above are prior to the application of architectural finishes.
- 2. The dimensional tolerances (length, width, thickness, and warpage) stated above apply for dry cast slabs only. In order to obtain a more realistic appearance to natural stone, wet cast (Stonedge collection) slabs are intended to have a slightly larger variance in their dimensions than dry cast slabs. Stonedge collection of wet cast slabs include, but are not limited to, the following products: Aberdeen, Borealis, Inca, Maya and Travertina Raw.

INSTALLATION GUIDE

SLABS

INSTALLATION OUTLINE

01 EXCAVATION

- A. Before excavating, call all the local utility companies (e.g., phone, gas, electrical) to ensure that the area in which you plan to dig is clear of underground cables or wires. If any are found, please notify the appropriate companies before you continue.
- B. When excavating, it is important to achieve a slope in increments of $\frac{3}{16}$ " per ft (5 mm per 300 mm) which will allow for proper drainage. The excavation should mirror final grade of pavement.
- C. The width of the base behind the edge should be equivalent to the thickness of the base.
- D. With the help of a rake, grade the bottom of the excavated area. If the natural soil is granular or sandy we recommend that you compact the soil with a vibrating plate. If the soil is clay-like, change the soil with a blend of lime and crushed stone prior to compaction. Next, cover it with a layer of geotextile membrane to prevent the contamination of the base (clay and 0-3/4" [0-20 mm] crushed stone). Refer to the table "Thickness of the Granular Foundation" (on next page) to find the minimum thickness of foundation required.

02 FOUNDATION

- A. Install the 0-3/4" (0-20 mm) crushed stone base in 4" (100 mm) lifts with a minimum 5,000 lbf (22 kN) vibrating plate compactor.
- B. To facilitate compacting, wet the base material thoroughly and compact with a vibrating plate proceeding in all directions. Continue this process until you achieve the desired height. At this stage, you can verify the final height with the help of a paver.
- C. Base tolerance $\pm \frac{3}{8}$ " (10 mm) for every 10' (3-m) increment.

03 THE SETTING BED

- A. On the compacted crushed base, install two pipes with an outside diameter of 1" (25 mm). Grade the concrete sand with the help of a straight edge (or Quick-E leveler). If the base isn't properly graded and smooth, imperfections will be evident in the finishing grade of the pavement.
- B. Once the setting bed is graded, pre-compact with a hand tamper, then lightly fluff.

04 INSTALLATION OF SLABS

- A. Once the choice of slabs and the design have been finalized, it is recommended you start installing the slabs at a 90-degree angle. To obtain a 90-degree angle, use the rule of a 3/4/5-triangle. To do this, proceed as follows: measure a first horizontal line of 3′ (1-m) and a second line of 4′ (1.2 m) perpendicular to the first. Connect a third straight line of 5′ (1.5 m), which will form a triangle, and the result will be a perfect 90-degree angle. While installing the slabs, walk on the installed slabs and fill in gaps caused by the pipes with concrete sand.
- B. It is always recommended that you use more than two cubes at a time in order to maximize the color blends. Furthermore, you should proceed with the cubes from top to bottom.
- C. You may use a chalk line to mark the stones to be cut along the borders, using a concrete saw. When cutting slabs, we recommend you wear protective ear and eyewear.
- D. Once you finish installing the slabs, you can then install Belgik, Pietra, Tundra, or Avignon curbstone. To keep curbs in place, add mortar along the back between the ground and the curbstone or, when available, use their plastic retention systems.

05 FILLING IN JOINTS

- A. Spread out the polymer stabilizer sand on the slabs, and sweep in between joints in all directions.
- B. Remove excess sand and follow the instructions exactly as indicated on the polymer stabilizer sand packaging.
- C. The use of a vibrating plate is not recommended on slabs.

INSTALLATION GUIDE

SLABS



VIBRATING PLATE ALERT!

We do not recommend passing the vibrating plate on slabs.

THICKNESS OF THE GRANULAR FOUNDATION¹ RESIDENTIAL PROJECTS Clayey or Silty² Sandy or Gravelly Patios and Walkways 6" to 8" (150 to 200 mm) Minimum 4" to 6" (100 to 150 mm) Minimum

- 1. Data shown in this chart are provided as guidelines only. The range of values suggested depends particularly on existing soil conditions. The thicker the granular foundation, the greater the increase in stability of the whole structure.
- 2. In the case of unstable soils or ones particularly affected by the freeze-thaw cycles, a thicker foundation may be necessary. For soils with these conditions or for commercial, industrial, or institutional works, a geotechnical professional should be consulted.

QUANTITY CHART FOR JOINTS FILLING - FLEXLOCK POLYMERIC SAND

Approximate surface coverage per bag of 50 lbs (22.7 kg).

SLABS	size	sq. ft	sq. m
Aberdeen	30×30	483	44.87
	30×20	388	36.05
	30×10	243	22.56
	20×20	324	30.07
	20×10	216	20.08
Blu 60 mm		90.2	8.37
Blu 60 mm (6"×13")		42.63	3.96
Blu Grande	60×495×825	118.49	11.01
Blu 45 mm see Overlay section		93	9.5
Borealis	2.25×5×30	124.64	11.58
	2.25×10×30	233.03	21.65
Borealis Stepping Stone	\	/ariable	
Everest	250×250	179	16.63
	250×500	223	20.00
	500×500	336	31.00

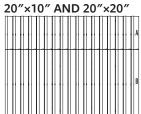
SLABS	size	sq. ft	sq. m		
Hexa 60 mm		101.2	9.40		
Inca		108.3	10.06		
Industria 600 series	600×600×60	204.13	18.96		
Maya	Variable				
Ocean Grande		129.7	12.1		
Pacific see Overlay section		246.0	22.90		
Para	500x250	223	20		
	500x500	336	31		
	500x750	405	37		
Travertina Raw	30×30	483	44.87		
	30×20	388	36.05		
	20×20	324	30.07		
	20×10	216	20.08		



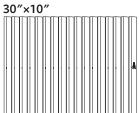
ABERDEEN

DESCRIPTION: Slab **TEXTURE:** Klean-Bloc Slate





PALLET OVERVIEW -







NOTES

Palletized upright.

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

See page 35 to 37 for more technical information.

See page 29 for more information about applications.

Spe	cifications per pallet	Imperial	Metric
20″	Cubing	70.83 ft ²	6.58 m ²
20″×20″	Approx. Weight	1 789 lbs	811 kg
- "0	Number of rows	1	
20″×10″	Coverage per unit	1.39 ft ²	0.13 m ²
. ,	В	2.78 ft ²	0.26 m ²
	Linear coverage per row	42.5 lin. ft	12.95 lin. m

<u></u>	Α	mensions	in	mm	Units/pallet
L W H	A	Height	2 1/4	57	17 units
	A CONTRACTOR OF THE PARTY OF TH	Width	20	508	
	No. of Concession, Name of Street, or other Persons, Name of Street, or ot	Length	10	254	
В					
ь	and the same of th	Height	2 1/4	57	17 units
THE REAL PROPERTY.		Width	20	508	
		Length	20	508	

Specifications per pallet		Imperial	Metric	
.01	Cubing		70.83 ft ²	6.58 m ²
30″×10″	Approx. Weight		1 793 lbs	813 kg
	Number of rows		2	
	Coverage per unit		2.08 ft ²	0.19 m ²
	Linear coverage per row	Depth	42.5 lin. ft	12.95 lin. m
		Length	14.17 lin. ft	4.32 lin. m

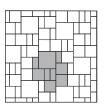


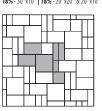
01 | Modular pattern

02 | Modular pattern 70% - 20"x20"8 20"x10" | 30% - 30"x30" | 36% - 30"x20" | 28% - 30"x30" | 38% - 30"x30" | 25% - 30"x20" | 28% - 30"x10" | 18% - 20"x20" & 20"x10" | 25% - 20"x20" & 20"x10" | 12% - 30"x10" | 25% - 20"x20" & 20"x10" | 12% - 30"x10" | 28% - 30"x20" | 28% - 3

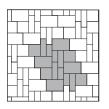
03 | Modular pattern

04 | Modular pattern 40% - 30"x20" | 40% - 20"x20" & 20"x10" 20% - 30"x10"













ABERDEEN

DESCRIPTION: Slab **TEXTURE:** Klean-Bloc Slate

PALLET OVERVIEW -30"×20"AND 30"×30"













Klean-Bloc technology
See page 24.

NOTES

Palletized upright.

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

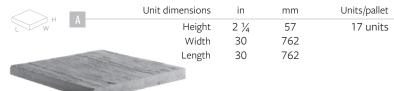
See page 35 to 37 for more technical information.

See page 29 for more information about applications.

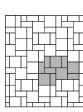
Specifications per pallet		Imperial	Metric	
20″	Cubing		70.83 ft ²	6.58 m ²
30″×20″	Approx. Weight		1 796 lbs	815 kg
	Number of rows		1	
	Coverage per unit		4.17 ft ²	0.39 m ²
	Linear coverage per row	Depth	42.5 lin. ft	12.95 lin. m
		Length	28.3 lin. ft	8.63 lin. m



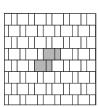
Specifications per pallet		Imperial	Metric
30″	Cubing	106.25 ft ²	9.87 m ²
30″×30′	Approx. Weight	2 610 lbs	1 184 kg
	Number of rows	1	
	Coverage per unit	6.25 ft ²	0.58 m ²
	Linear coverage per row	42.5 lin. ft	12.95 lin. m



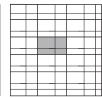
05 | Modular pattern 50% - 20"x20" & 20"x10" | 38% - 30"x30" | 100% - 20"x20" & 20"x10" | 12% - 30"x10"



06 | Modular pattern 07 | Linear pattern 100% - 20"x20" & 20"x10"



08 | Linear pattern **40%** - 30"x20" | **40%** - 20"x20" & 20"x10" **20%** - 30"x10"



 $Patterns\ are\ for\ design\ inspiration\ only.\ The\ installer\ is\ responsible\ to\ calculate\ \&\ purchase\ the\ correct\ amount\ of\ material.$

Rock Garden Brown

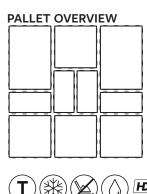
Azzurro





BLU 60 mm

DESCRIPTION: Slab **TEXTURE:** Slate and HD² Slate





NOTES

See page 35 to 37 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

See page 29 for more information about applications.

*Sandlewood HD^2 Slate is only available in Eastern States. See page 18 for list of Eastern and Midwestern States.

 ${\rm **HD^2}$ Slate is only available in USA.

JOINT WIDTH: 9/32" (7 mm) % OF SURFACE OPENING: 3.0 %INFILTRATOIN RATE: 570 in./hr

(14 475 mm/hr)

Specifications per pal	let	Imperial		Metric	
Cubing		116.82 ft ²	!	10.96	m ²
Approx. Weight slate		3 148 lbs		1 428	kg
Approx. Weight slate aged		3 170 lbs		1 438	kg
Approx. Weight HD ² Slate		3 268 lbs		1 482	kg
Number of rows		11			
Coverage per row		10.62 ft ²		0.99 m	1 ²
Linear coverage per row		9.81 lin. ft		3.02 li	n. m
	Unit d	imensions	in	mm	Units/pallet
H A		Height	2 3/8	60	44 units
	THE PARTY NAMED IN	Width	13	330	
	Labor	Length	6 ½	165	
D					
В		Height	2 3/8	60	44 units
	1000	Width	13	330	
	Trans.	Length	13	330	
С		Height	2 3/6	60	22 units

Height

Width

Length

 $2\frac{3}{8}$

13

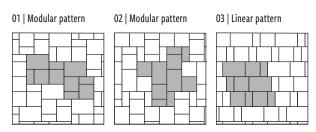
19 1/3

60

330

495

22 units



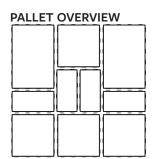


Units/pallet



BLU 60 mm

DESCRIPTION: Slab **TEXTURE:** Smooth and HD² smooth







NOTES

See page 35 to 37 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

See page 29 for more information about applications.

JOINT WIDTH: 9/32" (7 mm) % OF SURFACE OPENING: 3.0 % INFILTRATOIN RATE: 570 in./hr (14 475 mm/hr)

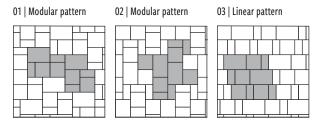
Specifications per pallet	Imperial	Metric
Cubing	116.82 ft ²	10.96 m ²
Approx. Weight Smooth	3 170 lbs	1 438 kg
Approx. Weight HD ² Smooth	3 295 lbs	1 495 kg
Number of rows	11	
Coverage per row	10.62 ft ²	0.99 m ²
Linear coverage per row	9.81 lin. ft	3.02 lin. m

in

mm

Unit dimensions

		Init dimensions	in	mm	Units/pallet
[W	H A	Height	2 3/8	60	44 units
		Width	13	330	
	TO THE REAL PROPERTY.	Length	6 ½	165	
В					
		Height	$2\frac{3}{8}$	60	44 units
		Width	13	330	
	1 Parks	Length	13	330	
C					
		Height	2 3/8	60	22 units
1		Width	13	330	
		Length	19 ½	495	

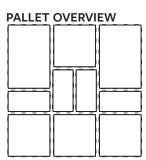






BLU 60 mm

DESCRIPTION: Slab **TEXTURE:** Polished





NOTES

See page 35 to 37 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

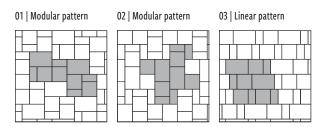
See page 29 for more information about applications.

JOINT WIDTH: 9/32" (7 mm) % OF SURFACE OPENING: 3.0 % INFILTRATOIN RATE: 570 in./hr

(14 475 mm/hr)

Polished is made-to-order, minimum order of 500 sq. ft. Deposit required.

Specifications per pallet	Imperial Metric			ic
Cubing	116.82 ft	2	10.9	16 m ²
Approx. Weight	3 125 lbs		1 41	7 kg
Number of rows	11			
Coverage per row	10.62 ft ²		0.99	m ²
Linear coverage per row	9.81 lin. ft	t	3.02	lin. m
	dimensions	in	mm	Units/pallet
W H A	Height Width	2 ½ ₁₆ 13	58 330	44 units
	Length	6 ½	165	
В	Height	2 5/16	58	44 units
	Width Length	13 13	330 330	
C	Height	2 5/16	58	22 units
	Width	13	330	
	Length	19 ½	495	



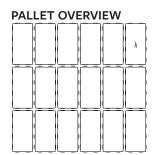






BLU 60 mm (6"×13")

DESCRIPTION: Slab **TEXTURE:** Slate and HD² Slate











NOTES

See page 35 to 37 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

See page 29 for more information about applications.

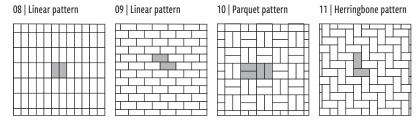
 $^{*}\text{HD}^{2}$ Slate is only available in USA.

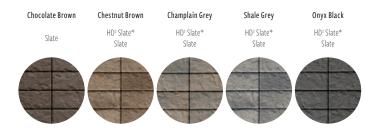
JOINT WIDTH: 9/32" (7 mm) % OF SURFACE OPENING: 4.6 % INFILTRATOIN RATE: 570 in./hr

(14 475 mm/hr)

Specifications per pallet		Imperial	Metric
Cubing		116.05 ft ²	10.78 m ²
Approx. Weight Slate		3 138 lbs	1 423 kg
Approx. Weight HD ² Slate		3 183 lbs	1 444 kg
Number of rows		11	
Coverage per row		10.55 ft ²	0.98 m ²
Linear coverage per row	Depth	19.5 lin. ft	5.94 lin. m
	Length	9.75 lin. ft	2.97 lin. m

<u></u>		Unit dimensions	in	mm	Units/pallet
L W	А	Height	2 3/8	60	198 units
		Width	13	330	
	1	Length	6 ½	165	





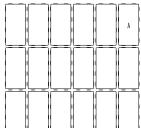
techo-bloc.com



BLU 60 mm (6"×13")

DESCRIPTION: Slab **TEXTURE:** Smooth and HD² Smooth

PALLET OVERVIEW









NOTES

See page 35 to 37 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

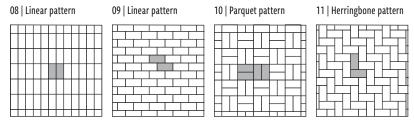
See page 29 for more information about applications.

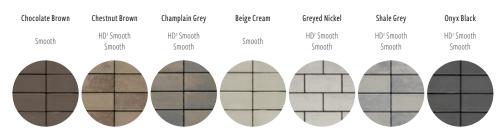
JOINT WIDTH: 9/32'' (7 mm) % OF SURFACE OPENING: 4.6%INFILTRATOIN RATE: 570 in./hr

(14 475 mm/hr)

Specifications per pallet		Imperial	Metric
Cubing		116.05 ft ²	10.78 m ²
Approx. Weight Smooth		3 138 lbs	1 423 kg
Approx. Weight HD ² Smooth		3 147 lbs 1 427 kg	
Number of rows		11	
Coverage per row		10.55 ft ²	0.98 m ²
Linear coverage per row	Depth	19.5 lin. ft	5.94 lin. m
	Length	9.75 lin. ft	2.97 lin. m





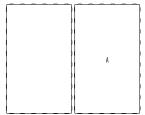




BLU GRANDE

DESCRIPTION: Slab **TEXTURE:** Slate and HD² Slate

PALLET OVERVIEW





NOTES

See page 35 to 37 for more technical information.

See page 29 for more information about applications.

Allowable load Capacity of slab on pedestal set (including a safety factor of 2): 776 lb (352 kg)

The application on pedestal Set for Blu Grande is recommended for Blu Grande in HD² only.

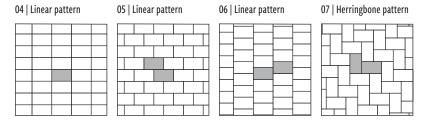
**HD² Slate is only available in USA.

Specifications per pallet		Imperial	Metric		
SLATE	Cubing		87.91 ft ²	8.17 m ²	
	Approx. Weight		2 434 lbs	1 104 kg	
	Number of rows		10		
	Coverage per row		8.79 ft ²	0.82 m ²	
	Linear coverage per row	Depth	3.25 lin. ft	0.99 lin. m	
		Length	5.41 lin. ft	1.65 lin. m	



Specifications per pallet		Imperial	Metric	
SLATE HD ²	Cubing		96.71 ft ²	8.98 m ²
	Approx. Weight		2 689 lbs	1 220 kg
	Number of rows		11	
	Coverage per row		8.79 ft ²	0.82 m ²
	Linear coverage per row	Depth	3.25 lin. ft	0.99 lin. m
		Length	5.41 lin. ft	1.65 lin. m





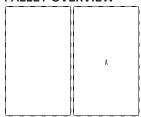




BLU GRANDE

DESCRIPTION: Slab **TEXTURE:** Smooth and HD² Smooth

PALLET OVERVIEW





NOTES

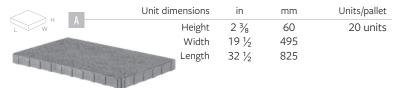
See page 35 to 37 for more technical information.

See page 29 for more information about applications.

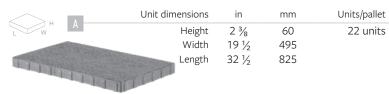
Allowable load Capacity of slab on pedestal set (including a safety factor of 2): 776 lb (352 kg)

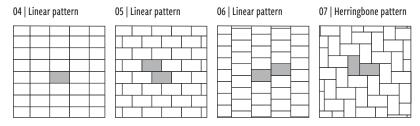
The application on pedestal Set for Blu Grande is recommended for Blu Grande in HD^2 only.

Specifications per pallet		Imperial	Metric		
프	Cubing		87.91 ft ²	8.17 m ²	
SMOOTH	Approx. Weight		2 382 lbs	1 081 kg	
S	Number of rows		10		
	Coverage per row		8.79 ft ²	0.82 m ²	
	Linear coverage per row	Depth	3.25 lin. ft	0.99 lin. m	
		Length	5.41 lin. ft	1.65 lin. m	



Specifications per pallet		Imperial	Metric	
SMOOTH HD ²	Cubing		96.71 ft ²	8.98 m ²
	Approx. Weight		2 744 lbs	1 244 kg
	Number of rows		11	
	Coverage per row		8.79 ft ²	0.82 m ²
	Linear coverage per row	Depth	3.25 lin. ft	0.99 lin. m
		Length	5.41 lin. ft	1.65 lin. m







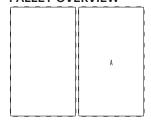




BLU GRANDE

DESCRIPTION: Slab **TEXTURE:** Polished

PALLET OVERVIEW





NOTES

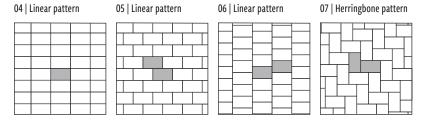
See page 35 to 37 for more technical information.

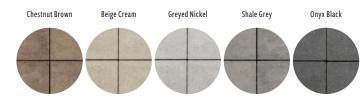
See page 29 for more information about applications.

Polished is made-to-order, minimum order of 500 sq. ft. Deposit required.

Specifications per pallet		Imperial	Metric		
POLISHED	Cubing		87.91 ft ²	8.17 m ²	
	Approx. Weight		2 525 lbs	1 145 kg	
	Number of rows		10		
	Coverage per row		8.79 ft ²	0.82 m ²	
	Linear coverage per row	Depth	3.25 lin. ft	0.99 lin. m	
		Length	5.41 lin. ft	1.65 lin. m	



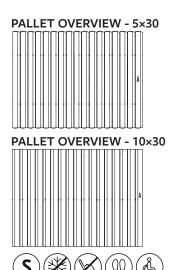






BOREALIS

DESCRIPTION: Slab **TEXTURE:** Klean-Bloc Wood





Klean-Bloc technology
See page 24.

NOTES

Palletized upright.

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

In order to obtain a more realistic appearance to natural stone, wet cast (Stonedge collection) slabs are intended to have a slightly larger variance in their dimensions than dry cast slabs. See Notes for dimensional tolerances on page 35.

See page 35 to 37 for more technical information. See page 29 for more information about applications.

IMPORTANT: When installing Borealis 5x30 or Borealis 10x30, it is recommended to have a gap between $\frac{1}{16}$ and $\frac{3}{16}$ in. (2 and 5 mm), between the units, to allow the sand to enter between each unit.

Specifications per pallet		Imperial	Metric	
30″	Cubing		68 units	68 units
5″×30″			70.83 ft ²	6.58 m ²
	Units		1.04 ft ²	0.10 m ²
	Approx. Weight		1 784 lbs	809 kg
	Number of rows		4	
	Coverage per row		17.71 ft²	1.65 m ²
	Linear coverage per row	Depth	7.08 lin. ft	2.16 lin. m
		Length	42.5 lin. ft	12.96 lin. m

	Unit dimensions	in	mm	Units/pallet
W H A	Height	2 1/4	57	68 units
1	Width	5	127	
	Length	30	762	

Spe	ecifications per pallet		Imperial	Metric		
30″	Cubing		34 units	34 units		
10″×30″			70.83 ft ²	6.58 m ²		
	Approx. Weight Units		Approx. Weight		1 881 lbs	853 kg
			2.08 ft ²	0.19 m ²		
	Number of rows		2			
	Coverage per row		35.42 ft ²	3.29 m ²		
	Linear coverage per row	Depth	42.5 lin. ft	12.95 lin. m		
		Length	14.2 lin. ft	4.33 lin. m		



Jnit dimensions	in	mm	Units/pallet
Height	2 1/4	57	34 units
Width	10	254	
Length	30	762	

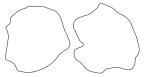


01 Linear pattern	02 Linear pattern	03 Linear pattern	04 Linear pattern	05 Herringbone pattern	06 Linear pattern
100% - 5x30	100% - 10x30				

BOREALIS STEPPING STONES

DESCRIPTION: Slab **TEXTURE:** Wood

PALLET OVERVIEW









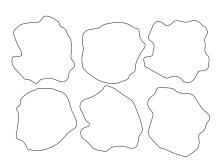


NOTES

In order to obtain a more realistic appearance to natural stone, wet cast (Stonedge collection) slabs are intended to have a slightly larger variance in their dimensions than dry cast slabs. See Notes for dimensional tolerances on page 35.

See page 35 to 37 for more technical information.

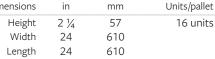
See page 29 for more information about applications.



6 different shapes available

Specifications per pallet	: Imperial		Metric	
Cubing	64 pi²/ pal		5.95 r	n²/ pal
Approx. Weight per pallet	1 257 lbs		570 kg	3
Number of rows	8			
Coverage per unit	4 ft²		0.37 r	n ²
A.F	Unit dimensions	in	mm	Units/pallet
H A-F	Height	2 1/4	57	16 units





Hazelnut Brandy





EVEREST SQUARE

DESCRIPTION: Slab **TEXTURE:** HD²+ Natural Stone

PALLET OVERVIEW - 250×250



500×500







NOTES

Pedestal Set Application:

Everest 500x500 can be used with pedestals at each corner (pedestrian use only). Allowable load Capacity of slab on pedestal set (including a safety factor of 2): 1 300 lb (590 kg)

See page 35 to 37 for more technical information.

See page 29 for more information about applications.

Specifications per pallet	Imperial	Imperial		С
Cubing	88.80 ft	2	8.25	m^2
Approx. Weight	2 547 lb	S	1 15	5 kg
Number of rows	11			
Coverage per row	8.07 ft ²		0.75	m ²
	Unit dimensions	in	mm	Units/pallet
L W H A	Height	2 3/8	60	132 units
	Width	9 13/16	250	
	Length	9 13/16	250	
Specifications per pallet	Imperial		Metri	С
Cubing	118.40 f	t²	11 m	2
Approx. Weight	3 383 lb	S	1 53	5 kg
Number of rows	11			
Coverage per row	10.76 ft ²	2	1 m ²	
	Unit dimensions	in	mm	Units/pallet
H A	Height	2 3/8	60	44 units
	Width	19 ¹ / ₁₆	500	
	Length	19 ¹ / ₁₆	500	

01 Linear pattern	02 Linear pattern	08 Linear pattern	09 Linear pattern	10 Modular pattern	12 Modular pattern
100% - 250x250	100% - 250x250	100% - 500x500	100% - 500x500	80% - 500x500 20% 250x250	45% - 500x500 45% 250x500 10% 250x250

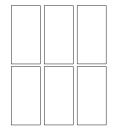




EVEREST RECTANGLE

DESCRIPTION: Slab **TEXTURE:** HD²+ Natural Stone

PALLET OVERVIEW - 250×500









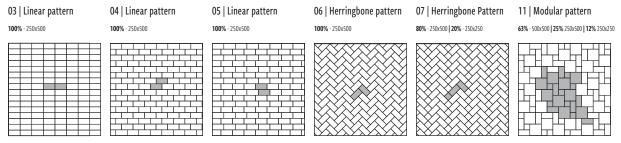


NOTES

See page 35 to 37 for more technical information.

See page 29 for more information about applications.

Specifications per pallet	Imperial		Metri	С
Cubing	88.80 ft ²		8.25	m ²
Approx. Weight	2 547 lbs		1 155	5 kg
Number of rows	11			
Coverage per row	8.07 ft ²		0.75	m ²
А Д	Unit dimensions	in	mm	Units/pallet
H A	Height	2 3/8	60	66 units
	Width	9 13/16	250	
	Length	19 11/16	500	





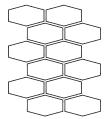




HEXA 60 mm

DESCRIPTION: Slab **TEXTURE:** HD²+ Smooth

PALLET OVERVIEW











NOTES

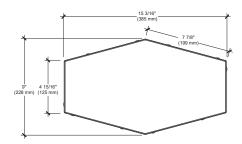
See page 35 to 37 for more technical information

See page 29 for more information about applications.

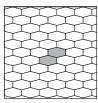
Specifications per pallet	Imperial	Metric
Cubing	96.55 ft ²	8.97 m ²
Approx. Weight	2 824 lbs	1 281 kg
Number of rows	11	
Coverage per row	8.78 ft ²	0.82 m ²
Linear coverage per row	-	-
	-	-



Unit dimensions	in	mm	Units/pallet
Height	2 3/8	60	132 units
Width	9	228	
Length	$15\frac{3}{16}$	385	



01 | Hexagon pattern







INCA

DESCRIPTION: Slab **TEXTURE:** HD² Slate













NOTES

Palletized upright.

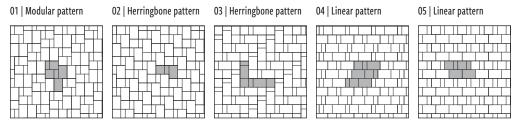
*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

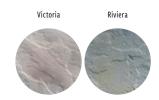
In order to obtain a more realistic appearance to natural stone, wet cast (Stonedge collection) slabs are intended to have a slightly larger variance in their dimensions than dry cast slabs. See Notes for dimensional tolerances on page 35.

See page 35 to 37 for more technical information.

See page 29 for more information about applications.

Specifications per palle	t Imperial		Metr	ric
Cubing	66.50 ft ²		6.18	3 m ²
Approx. Weight	1 640 lbs		744	kg
Number of rows	1			
Linear coverage per row	52.5 lin.	ft	16 li	in. m
	Unit dimensions	in	mm	Units/pallet
L W A	Height Width Length	2 15 7 ½	51 381 191	14 units
В	zengen	, ,2		
	Height	2	51	14 units
	Width	15	381	
	Length	15	381	
	Height	2	51	14 units
	Width	15	381	
T	Length	22 ½	572	



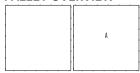




INDUSTRIA SLAB

DESCRIPTION: Slab **TEXTURE:** HD² Smooth, HD² Granitex or HD² Polished

PALLET OVERVIEW













EXPANDING DESIGN HORIZONS WITH LIVEABLE ROOFTOPS.

COOL ROOF

High Solar Reflectivity

LENGTHENS ROOF LIFE SPAN

Protects the waterproofing membrane from UV rays and accidental perforations.

EASY ACCESS FOR MAINTENANCE

When installed on pedestals, INDUSTRIA slab can be moved for roof system maintenance.

NOTES

See page 35 to 37 for more technical information.

See page 29 for more information about applications.

 $\rm HD^2$ Polished and $\rm HD^2$ Granitex is made-to-order, minimum order of 500 sq. ft. Deposit required.

Allowable load Capacity of slab on pedestal set (including a safety factor of 2): 1441 lb (653 kg)

Spe	ecifications per pallet	Imperial	Metric
itex	Cubing	54.25 ft ²	5.04 m ²
Granitex	Approx. Weight	1 567 lbs	711 kg
h and	Number of rows	7	
Smooth	Coverage per row	7.75 ft ²	0.72 m ²
S	Linear coverage per row	3.94 lin. ft	1.20 lin. m



	Unit dimensions	in	mm	Units/pallet
	Height	2 3/8	60	14 units
	Width	23 %	600	
mil.	Length	23 %	600	

Spe	cifications per pallet	Imperial	Metric
hed	Cubing	54.25 ft ²	5.04 m ²
Polished	Approx. Weight	1 555 lbs	705 kg
	Number of rows	7	
	Coverage per row	7.75 ft ²	0.72 m ²
	Linear coverage per row	3.94 lin. ft	1.20 lin. m

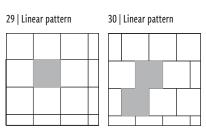






in	mm	Units/pallet
2 5/16	58	14 units
23 %	600	
23 %	600	
	2 ⁵ / ₁₆ 23 ⁵ / ₈	2 ⁵ / ₁₆ 58 23 ⁵ / ₈ 600



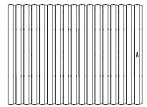




MAYA

DESCRIPTION: Slab **TEXTURE:** Natural stone (Slate)

PALLET OVERVIEW











NOTES

Palletized upright.

It is preferable to lay the stones in a random configuration.

Each pallet contains a variation of four different shapes.

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

In order to obtain a more realistic appearance to natural stone, wet cast (Stonedge collection) slabs are intended to have a slightly larger variance in their dimensions than dry cast slabs. See Notes for dimensional tolerances on page 35.

See page 35 to 37 for more technical information.

See page 29 for more information about applications.

Specifications per pallet	Imperial	Metric
Cubing	17 units	17 units
Approx. Weight per pallet	1 695 lbs	769 kg
Approx. Weight by unit	89 lbs	41 kg
Number of rows	1	
Coverage per unit	4.95 ft ²	0.46 m ²
Coverage per pallet	84.15 ft ²	7.82 m ²







2 1/4 57 23 584 31 788

mm

in

Units/pallet 17 units

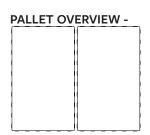






OCEAN GRANDE

DESCRIPTION: Slab **TEXTURE:** HD² Ocean Waves



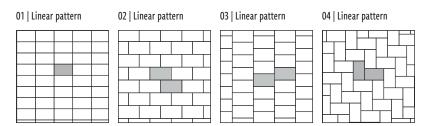


NOTES

See page 35 to 37 for more technical information.

See page 29 for more information about applications.

Specifications per pallet		Impe	rial	٨	Metric	
Cubing		96.7	1 ft²	8	3.98 m ²	
Approx. Weight		2 83	0 lbs	1	284 kg	
Number of rows		11				
Coverage per row		8.79	ft ²	C).82 m ²	
	Depth	5.41	lin. ft	1	.65 lin. m	
	Length	3.25	lin. ft	C	.99 lin. m	
	Unit dimens	ions	in	mm	Ur	nits/pallet
H A	Не	eight	2 3/8	60		22 units
	W	/idth	19 ½	495		
THE PERSON NAMED IN COLUMN	Le	ngth	32 ½	825		









PARA 500 X 250

DESCRIPTION: Slab **TEXTURE:** HD² Smooth

PALLET OVERVIEW

А	



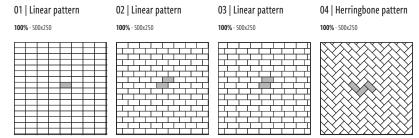
NOTES

See page 35 to 37 for more technical information.

See page 29 for more information about applications.

Specifications per pallet	Imperial	Metric
Cubing	118.40 ft ²	11 m ²
Approx. Weight	3 422 lbs	1 552 kg
Number of rows	11	
Coverage per row	10.76 ft ²	1 m ²
Length	6.56 lin. ft	2 lin. m
Depth	13.12 lin. ft	4 lin. m







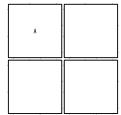




PARA 500 X 500

DESCRIPTION: Slab **TEXTURE:** HD² Smooth

PALLET OVERVIEW













NOTES

Pedestal Set Application:

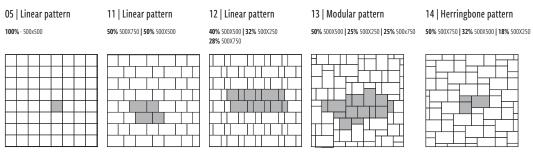
Para 500x500 can be used with pedestals at each corner (pedestrian use only). Allowable load Capacity of slab on pedestal set (including a safety factor of 2): 1 300 lb (590 kg)

See page 35 to 37 for more technical information.

See page 29 for more information about applications.

Specifications per pallet	Imperial	Metric
Cubing	118.40 ft ²	11 m ²
Approx. Weight	3 403 lb	1 544 kg
Number of rows	11	
Coverage per row	10.76 ft ²	1 m ²
Linear coverage per row	6.56 lin. ft	2 lin. m





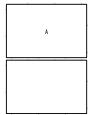




PARA 500 X 750

DESCRIPTION: Slab **TEXTURE:** HD² Smooth

PALLET OVERVIEW





NOTES

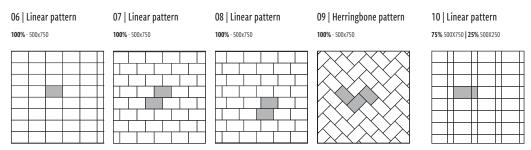
See page 35 to 37 for more technical information.

See page 29 for more information about applications.

Allowable load Capacity of slab on pedestal set (including a safety factor of 2): 1135 lb (514 kg)

Specifications per pallet	Imperial	Metric
Cubing	88.80 ft ²	8.25 m ²
Approx. Weight	2 537 lbs	1 151 kg
Number of rows	11	
Coverage per row	8.07 ft ²	0.75 m ²
Length	4.92 lin. ft	1.50 lin. m
Depth	3.28 lin. ft	1 lin. m





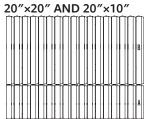




TRAVERTINA RAW

DESCRIPTION: Slab **TEXTURE:** Klean-Bloc Brushed Travertine















Klean-Bloc technology See page 24.

NOTES

Palletized upright.

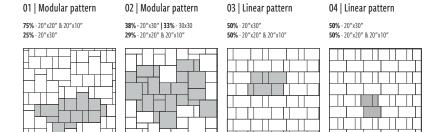
*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

See page 35 to 37 for more technical information.

See page 29 for more information about applications.

Spe	cifications per pallet		Imperial	Metric
0,,	Cubing		70.83 ft ²	6.58 m ²
- 20″×10″	Approx. Weight		1 812 lbs	822 kg
)" - 2	Number of rows		1	
20"×20"	Coverage per unit	A	1.39 ft ²	0.13 m ²
		В	2.78 ft ²	0.26 m ²
	Linear coverage per row		42.5 lin. ft	12.95 lin. m

		dimensions	in	mm	Units/pallet
L W H	A	Height Width Length	2 ¼ 20 10	57 508 254	17 units
		. 6.			
В	A STATE OF THE PARTY OF THE PAR	Height	2 1/4	57	17 units
	13.7	Width	20	508	
		Length	20	508	



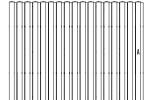




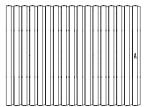
TRAVERTINA RAW

DESCRIPTION: Slab **TEXTURE:** Klean-Bloc Brushed Travertine





PALLET OVERVIEW - 30"×30"







Klean-Bloc technology See page 24.

NOTES

Palletized upright.

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

In order to obtain a more realistic appearance to natural stone, wet cast (Stonedge collection) slabs are intended to have a slightly larger variance in their dimensions than dry cast slabs. See Notes for dimensional tolerances on page 35.

See page 35 to 37 for more technical information.

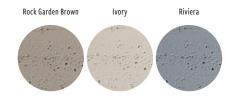
See page 29 for more information about applications.

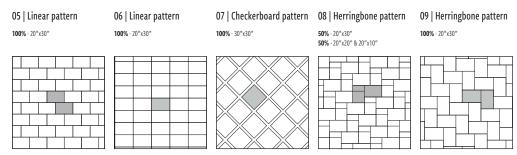
	Specifications per pallet		Imperial	Metric	
	30″	Cubing		70.83 ft ²	6.58 m ²
20″×30″		Approx. Weight		1 822 lbs	826 kg
	(1	Number of rows		1	
		Coverage per units Linear coverage per row Depth		4.17 ft ²	0.39 m ²
				28.3 lin. ft	8.64 lin. m
			Length	42.5 lin. ft	12.95 lin. m



Spe	cifications per pallet	Imperial	Metric	
30″	Cubing	106.25 ft ²	9.87 m ²	
30″×30″	Approx. Weight	2 667 lbs	1 210 kg	
(4)	Number of rows	1		
	Coverage per units	6.25 ft ²	0.58 m ²	
	Linear coverage per row	42.5 lin. ft	12.95 lin. m	







PHYS

PAVERS

DRIVEWAYS, PERMEABLE DRIVEWAYS & PATIOS



PHYSICAL AND GEOMETRICAL CHARACTERISTICS

CHARACTERISTICS	ASTM C936	CSA A231.2:19
Compressive strength	8000 psi [55 MPa] min.	50 MPa min.
Absorption	5 % max.	-
Freeze-thaw durability	Mass loss (max.): 225 g/m² at 28 cycles, or Mass loss (max.): 500 g/m² at 49 cycles	Mass loss (max.): 225 g/m2 after 28 cycles, or Mass loss (max): 500 g/m2 after 49 cycles
Dimensional tolerances (see Notes below):	Length and Width: ± 0.063 in. [1.6 mm] Thickness: ± 0.125 in. [3.2 mm]	Length and Width: -1.0 mm to +2.0 mm Thickness: ± 3.0 mm

INSTALLATION GUIDE

INTERLOCKING CONCRETE PAVEMENT

INSTALLATION OUTLINE

01 EXCAVATION

- A. Before excavating, call all the local utility companies (e.g., phone, gas, electrical) to ensure that the area in which you plan to dig is clear of underground cables or wires. If any are found, please notify the appropriate companies before you begin.
- B. When excavating, it is important to achieve a slope in increments of 1.5% ($\frac{3}{16}$ " per ft/5 mm per 300 mm), which will allow for proper drainage. The excavation should mirror the final grade of pavement.
- C. The width of the base behind the edge should be equivalent to the thickness of the base.
- D. Using a rake, grade the bottom of the excavated area. If the natural soil is granular or sandy, we recommend that you compact the soil with a vibrating plate. If the soil is clay-like, change the soil with a blend of lime and crushed stone prior to compaction. Next, cover it with a layer of geotextile fabric to prevent the contamination of the base (clay and 0-3/4" [0-20 mm] crushed stone). Refer to the table "Thickness of the Granular Foundation" (on next page) to find the minimum thickness of foundation required.

02 FOUNDATION

- A. Install a 0-¾" (0-20 mm) crushed stone base, in 4" (100 mm) lifts with a minimum 5,000 lbf (22 kN) vibrating plate compactor.
- B. To facilitate compacting, wet the base material thoroughly and compact with a vibrating plate proceeding in all directions Continue this process until you have achieved the desired height. At this stage, you can verify the final height with the help of a paver.
- C. Base tolerance $\pm \frac{3}{8}$ " (10 mm) for every 10' (3-m) increment.

03 THE SETTING BED

- A. On the compacted crushed base, install two pipes with an outside diameter of 1" (25 mm). Grade the concrete sand with the help of a straight edge (or Quick-E leveler). If the base is not properly graded and smooth, imperfections will be evident in the finishing grade of the pavement.
- B. Bedding sand should not be compacted until all paving stones have been laid down. Passing the vibrating plate over the paving stones causes them to settle approximately \%" (10 mm) into the bedding sand.

04 INSTALLATION OF PAVING STONES

- A. Once the choice of paving stones and the design have been finalized, we recommended that you start installing the pavers at a 90-degree angle. To do so, proceed as follows: measure a first horizontal line of 3′ (1-m) and a second line of 4′ (1.2 m) perpendicular to the first. Connect a third straight line of 5′ (1.5 m) which will form a triangle. The result will be a perfect 90-degree angle. While installing the paving stones, walk on the installed pavers, and fill in gaps caused by the pipes with concrete sand.
- B. It is always recommended that you use more than two cubes at a time in order to maximize the color blend. Furthermore, you should proceed with the cubes from top to bottom.
- C. You may use a chalk line to mark the stones to be cut along the borders, using a guillotine or a concrete saw. When cutting paving stones, we recommend that you wear protective ear and eyewear.
- D. Once you finish installing the paving stones, you can then install Avignon, Belgik or Pietra curbstone on the granular base. To keep curbs in place, add mortar along the back to form a 45-degree angle between the ground and the curbstone or, when available, using the plastic retention system. In a vehicular traffic application, the mortar must be reinforced using steel rods.

05 FILLING IN JOINTS

- A. Spread out the polymer stabilizer sand on the paving stones and sweep in between joints in all directions.
- B. Pass a vibrating plate in all directions to allow sand to penetrate between the joints.
- C. Sweep once more and remove excess sand. Follow the instructions exactly as indicated on the polymer stabilizer sand packaging.

INSTALLATION GUIDE

INTERLOCKING CONCRETE PAVEMENT



VIBRATING PLATE ALERT!

Avoid scuffs on paver surfaces. Pavers with embossed surfaces (high and low points) are more susceptible to scuff marks from plate compactors. Techo-Bloc recommends the use of urethane mats between the plate and the paver surface when compacting. Techo-Bloc will not be held responsible for compaction scuffs or burns on pavers.

THICKNESS OF THE GRANULAR FOUNDATION ¹					
DECIDENTIAL DDG IECTC	TYPE OF EXISTING SOIL				
RESIDENTIAL PROJECTS	Clayey or Silty ²	Sandy or Gravelly			
Driveways³	8" to 14" (200 to 350 mm) Minimum	6" to 10" (150 to 250 mm) Minimum			
Patios and Walkways ⁴	6" to 8" (150 to 200 mm) Minimum	4" to 6" (100 to 150 mm) Minimum			

- 1. Data shown in this chart are provided as guidelines only. The range of values suggested depends particularly on existing soil conditions. The thicker the granular foundation, the greater the increase in stability of the whole structure.
- 2. In the case of unstable soils or ones particularly affected by the freeze-thaw cycles, a thicker foundation may be necessary. For soils with these conditions or for commercial, industrial, or institutional works, a geotechnical professional should be consulted.
- 3. For the province of Quebec, the typical range is:
 - For clayey or silty soils: 12" to 20"
 - For sandy or gravelly soils: 8" to 14
- 4. For the province of Quebec, the typical range is:
 - For clayey or silty soils: 10" to 14"
 - For sandy or gravelly soils: 6" to 8"

QUANTITY CHART FOR JOINTS FILLING - FLEXLOCK POLYMERIC SAND Approximate surface coverage per bag of 50 lbs (22.7 kg).

PRODUCTS	sq. ft	sq. m
Antika	21	2
Blu 80 mm	76.5	7.11
Blu 80 mm (6"×13")	31.97	2.97
Diamond	28.4	2.64
Eva	143.56	13.34
Hexa 100 mm	61.1	5.7
Industria 150 series - 150×150	31.6	2.94
Industria 200 series - 200×200	41.03	3.81
Industria 200 series - 200×400	54.57	5.07
Industria 300 series - 300×100	30.77	2.86
Industria 300 series - 300×200	41	3.81
Industria 300 series - 300×300	61.39	5.70
Industria 450 series - 450 x 100	33.5	3.11
Industria 450 series - 450 x 150	46.4	4.31
Industria 450 series - 450 x 300	73.5	6.83
Industria 600 series - 600×100	35.06	3.26
Industria 600 series - 600×200	61.32	5.70
Industria 600 series - 600×300	81.72	7.59
Industria 600 series - 600×600	122.48	11.38
Industria 900 series - 900 x 300	103.5	9.6
Industria 900 series - 900 x 600	166.5	15.5
Industria 900 series - 900 x 900	208.4	19.4
Industria Triangle	36.0	3.3
Linea small rectangles	31.47	2.92
Linea large rectangles	42.33	3.93

Mika	16.41	1.53
Mista random	50.4	4.69
Sleek	97.12	9.03
Squadra	14.50	1.35
Travertina Raw	16.41	1.53
Valet	24.1	2.2
Victorien 60 mm	97.06	9.02
Villagio	18.50	1.72
Westmount	25.3	2.4

Topsoil quantity in lb (kg) to cover an area of 1 sq.ft (1 sq.m) to fill in between joints and the paver cavity.

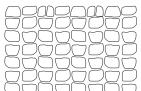
PRODUCTS	lbs/sq. ft	kg/sq. m
Aquastorm (see Permeable Pavers section)	12.60	61.40



ANTIKA

DESCRIPTION: Paver **TEXTURE:** Smooth

PALLET OVERVIEW*















The Antika paver is perfect as a filler in a circle, around a fan design or on a winding pathway. Antika can also be used as a mosaic frame around any design.

NOTES

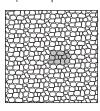
See page 62 to 64 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

See page 30 for more information about applications.

JOINT WIDTH: VARIABLE % OF SURFACE OPENING: VARIABLE INFILTRATOIN RATE: 993 in./hr (25 227 mm/hr)

*Pallet layout may vary.

01 | Random pattern



Specifications per pallet	Imperial	Metric
Cubing	87 ft ²	8.10 m ²
Approx. Weight	2 183 lbs	990 kg
Number of rows	9	
Coverage per row	9.67 ft ²	0.90 m ²

	Α		Unit dimensions	ın	mm	
L	А		Height	2 3/8	60	
		Track!	Width	Vari	able	
			Length	Vari	able	









	Height Width Length	2 3/ ₈ Varia Varia	
G	Height	2 3/	60







BLU 80 mm

DESCRIPTION: Paver **TEXTURE:** Slate and HD² Slate



NOTES

See page 62 to 64 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

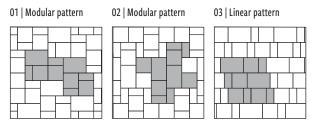
See page 30 for more information about applications.

*Sandlewood HD² Slate is only available in Eastern States. See page 18 for list of Eastern and Midwestern States.

**HD² Slate is only available in USA.

JOINT WIDTH: 9/32" (7 mm) % OF SURFACE OPENING: 3.0 % INFILTRATOIN RATE: 570 in./hr (14 475 mm/hr)

Specifications per pallet	Imperial		Metric	
Cubing	84.96 ft ²		7.90 m ²	2
Approx. Weight	3 246 lbs		1 472 k	g
Number of rows	8			
Coverage per row	10.62 ft ²		0.99 m ²	2
Linear coverage per row	9.75 lin. ft		2.97 lin	. m
Unit	dimensions	in	mm	Units/pallet
w H A	Height Width	3 ½ 13	80 330	32 units
	Length	6 ½	165	
В	Height	3 1/8	80	32 units
	Width	13	330	
	Length	13	330	
ſ				
	Height	3 1/8	80	16 units
The same of	Width	13	330	
	Length	19 ½	495	



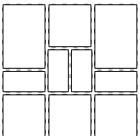




BLU 80 mm

DESCRIPTION: Paver **TEXTURE:** Smooth and HD² Smooth

PALLET OVERVIEW













 HD^2





NOTES

See page 62 to 64 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

See page 30 for more information about applications.

JOINT WIDTH: 9/32" (7 mm) % OF SURFACE OPENING: 3.0 % INFILTRATOIN RATE: 570 in./hr

(14 475 mm/hr)

Specifications per pallet	Imperial	Metric
Cubing	84.96 ft ²	7.90 m ²
Approx. Weight Smooth	3 095 lbs	1 404 kg
Approx. Weight Smooth HD ²	3 280 lbs	1 488 kg
Number of rows	8	
Coverage per row	10.62 ft ²	0.99 m ²
Linear coverage per row	9.75 lin. ft	2.97 lin. m



nensions	in	mm	Units/pallet
Height	3 1/8	80	32 units
Width	13	330	
Length	6 ½	165	



Height	3 1/8	80	32 units
Width	13	330	
Length	13	330	

16 units



Height	3 1/8	80
Width	13	330
Length	19 ½	495

01 | Modular pattern 02 | Modular pattern 03 | Linear pattern



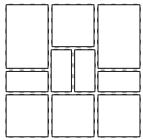




BLU 80 mm

DESCRIPTION: Paver **TEXTURE:** Polished

PALLET OVERVIEW

















NOTES

Polished products are available on order only.

See page 62 to 64 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

See page 30 for more information about applications.

JOINT WIDTH: 9/32" (7 mm) % OF SURFACE OPENING: 3.0 % INFILTRATOIN RATE: 570 in./hr

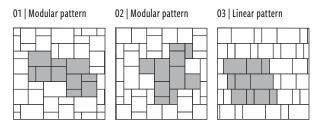
(14 475 mm/hr)

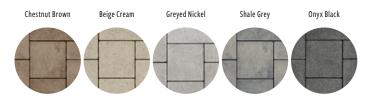
Polished is made-to-order, minimum order of 500 sq. ft. Deposit required.

Specifications per pallet		Imperial	Metric
ED	Cubing	84.96 ft ²	7.90 m ²
POLISHE	Approx. Weight	3 042 lbs	1 380 kg
В	Number of rows	8	
	Coverage per row	10.62 ft ²	0.99 m ²
	Linear coverage per row	9.75 lin. ft	2.97 lin. m

	Unit di	mensions	in	mm	Units/pallet
W	н А	Height Width	3 ½ ₁₆ 13	78 330	32 units
D		Length	6 ½	165	
В		Height	3 1/16	78	32 units
		Width	13	330	
		Length	13	330	









BLU 80 mm (6"×13")

DESCRIPTION: Paver **TEXTURE:** Slate, HD² Slate

PALLET OVERVIEW A A



NOTES

See page 62 to 64 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

See page 30 for more information about applications.

*HD² Slate is only available in USA.

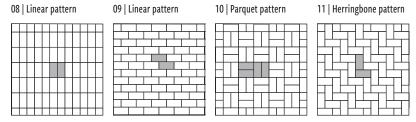
JOINT WIDTH: 9/32" (7 mm)

% OF SURFACE OPENING: 4.6%

INFILTRATOIN RATE: 570 in./hr (14 475 mm/hr)

Specifications per pallet		Imperial	Metric
Cubing		84.40 ft ²	7.84 m ²
Approx. Weight		3 133 lbs	1 421 kg
Number of rows		8	
Coverage per row		10.55 ft ²	0.98 m ²
Linear coverage per row	Depth	19.49 lin. ft	5.94 lin. m
	Length	9.74 lin. ft	2.97 lin. m

	Unit d	limensions	in	mm	Units/pallet
L W H	A	Height	3 1/8	80	144 units
		Width	13	330	
	LARGER	Length	6 ½	165	





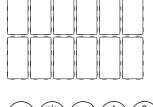
techo-bloc.com



BLU 80 mm (6"×13")

DESCRIPTION: Paver **TEXTURE:** Smooth, HD² Smooth

PALLET OVERVIEW











 HD^2





NOTES

See page 62 to 64 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

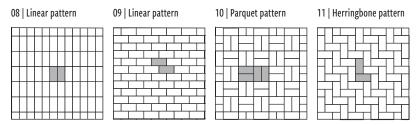
See page 30 for more information about applications.

JOINT WIDTH: 9/32" (7 mm) % OF SURFACE OPENING: 4.6% INFILTRATOIN RATE: 570 in./hr

(14 475 mm/hr)

Specifications per pall	et	Imperial	Metric
Cubing		84.40 ft ²	7.84 m ²
Approx. Weight		3 133 lbs	1 421 kg
Number of rows		8	
Coverage per row		10.55 ft ²	0.98 m ²
Linear coverage per row	Depth	19.49 lin. ft	5.94 lin. m
	Length	9.74 lin. ft	2.97 lin. m

Unit dimensions Units/pallet in mm Height 3 1/8 80 144 units 330 Width 13 Length 6 ½ 165



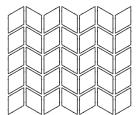




DIAMOND

DESCRIPTION: Paver **TEXTURE:** HD² Smooth or HD² Granitex

PALLET OVERVIEW







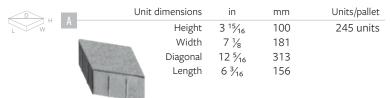
NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

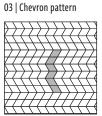
HD² Granitex is made-to-order, minimum order of 500 sq. ft. Deposit required.

Specifications per pallet	Imperial	Metric
Cubing	74.47 ft ²	6.92 m ²
Approx. Weight	3 469 lbs	1 573 kg
Number of rows	7	
Coverage per row	10.64 ft ²	0.99 m ²
Linear coverage per row	20.74 lin. ft	6.32 lin. m
	17.79 lin. ft	5.42 lin. m

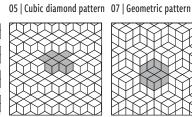


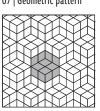
01 | Diamond pattern

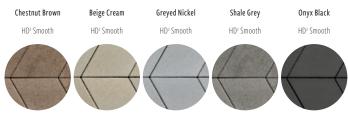




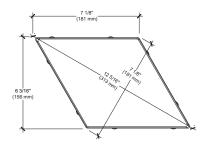
















EVA

DESCRIPTION: Paver **TEXTURE:** Slate

PALLET OVERVIEW

A	A	A	A	С	A	A	A	A	
A	Α						A	A	
		C	;	В	С		c		
(,	\vdash			В			;	
		В	}	В			Ů		
В			в в в		В				











See page 62 to 64 for more technical information.

See page 30 for more information about applications.

Specifications per pallet	Imperial		Metric	
Cubing	132.48 ft ²	132.48 ft ²		n^2
Approx. Weight	3 643 lbs		1 653 k	g
Number of rows	11			
Coverage per row	12.04 ft ²		1.12 m	2
Linear coverage per row	16.46 lin. f	t	5.02 lin	. m
	Unit dimensions	in	mm	Units/pallet
H A	Height	2 3/8	60	132 units
	Width	8 3/4	223	
	Length	4 3/8	112	
_				
В	Height	2 3/8	60	99 units
7 2 3 3	Width	8 3/4	223	
	Length	8 3/4	223	
-				
C	Height	2 3/8	60	55 units

Width

Length

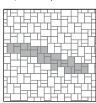
8 3/4

13 ³/₁₆

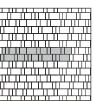
223

335

01 | Modular pattern









Units/pallet

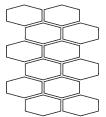
84 units



HEXA 100 mm

DESCRIPTION: Paver **TEXTURE:** HD²+ Smooth

PALLET OVERVIEW



















NOTES

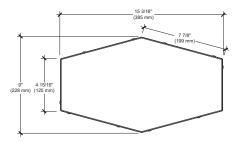
See page 62 to 64 for more technical information.

See page 30 for more information about applications.

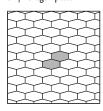
All colors are made-to-order, minimum order of 2,000 sq. ft. Deposit required.

Specifications per pallet	Imperial	Metric
Cubing	61.44 ft ²	5.71 m ²
Approx. Weight	2 980 lbs	1 352 kg
Number of rows	7	
Coverage per row	8.78 ft ²	0.82 m ²
Linear coverage per row	-	-
	-	-





01 | Hexagon pattern





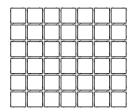




INDUSTRIA 150 SERIES

DESCRIPTION: Paver **TEXTURE:** HD² Smooth or HD² Granitex

PALLET OVERVIEW - 150×150





















NOTES

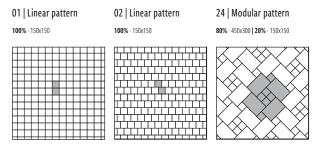
See page 62 to 64 for more technical information.

See page 30 for more information about applications.

All 150 Series items are on order only. Minimum order required: 2,000 sq. ft. Deposit required

Specifications per pallet		Imperial	Metric
150x1	Cubing	71.20 ft ²	6.62 m ²
	Approx. Weight	3 357 lbs	1 523 kg
	Number of rows	7	
	Coverage per row	10.17 ft ²	0.95 m ²
	Linear coverage per row	20.67 lin. ft	6.30 lin. m

	A	Unit dimensions	in	mm	Units/pallet
W	A	Height	3 15/16	100	294 units
		Width	5 %	150	
		Length	5 %	150	



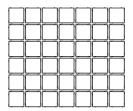


Chestnut Brown	Beige Cream	Greyed Nickel	Shale Grey	Onyx Black
HD ² Granitex				

INDUSTRIA 150 SERIES

DESCRIPTION: Paver **TEXTURE:** HD² Polished

PALLET OVERVIEW - 150×150





















NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

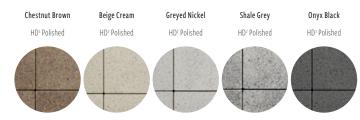
All 150 Series items are on order only. Minimum order required: 2,000 sq. ft. Deposit required

Spe	cifications per pallet	Imperial	Metric
150x150	Cubing	71.20 ft ²	6.62 m ²
	Approx. Weight	3 357 lbs	1 523 kg
	Number of rows	7	
	Coverage per row	10.17 ft ²	0.95 m ²
	Linear coverage per row	20.67 lin. ft	6.30 lin. m

	Α		Unit dimensions	
w"	Α		Height	3
		1100	Width	5

	Jnit dimensions	in	mm	Units/pallet
W A	Height	3 1/8	98	294 units
	Width	5 %	150	
	Length	5 %	150	

01 | Linear pattern 02 | Linear pattern 24 | Modular pattern **100%** - 150x150 **100%** - 150x150 **80%** - 450x300 **| 20%** - 150x150





DESCRIPTION: Paver **TEXTURE:** HD² Smooth or HD² Granitex





PALLET OVERVIEW - 200×400



















NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

All 200 Series items are on order only. Minimum order required: 2,000 sq. ft. Deposit required

Specifications per pallet		Imperial	Metric
007	Cubing	60.28 ft ²	5.60 m ²
200×200	Approx. Weight	2 863 lbs	1 299 kg
7	Number of rows	7	
	Coverage per row	8.61 ft ²	0.80 m ²
	Linear coverage per row	13.12 lin. ft	4 lin. m





Unit d	imensions	in	mm	Units/pallet
	Height	3 ¹⁵ / ₁₆	100	140 units
	Width	7 %	200	
	Length	7 1/8	200	

Specifications per pallet		Imperial	Metric	
400	Cubing		60.28 ft ²	5.60 m ²
200×400	Approx. Weight Number of rows		2 862 lbs	1 298 kg
(1			7	
	Coverage per row		8.61 ft ²	0.80 m ²
	Linear coverage per row	Depth	6.56 lin. ft	2 lin. m
		Length	13.12 lin. ft	4 lin. m

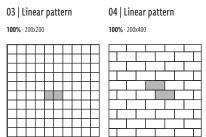




limensions	in	mm	Units/pallet
Height	3 15/16	100	70 units
Width	7 1/8	200	
Length	15 ¾	400	









DESCRIPTION: Paver **TEXTURE:** HD² Polished

PALLET OVERVIEW - 200×200

		A	

PALLET OVERVIEW - 200×400





















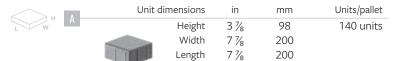
NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

All 200 Series items are on order only. Minimum order required: 2,000 sq. ft. Deposit required

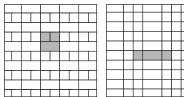
Spe	ecifications per pallet	Imperial	Metric
200	Cubing	60.28 ft ²	5.60 m ²
200×20C	Approx. Weight	2 848 lbs	1 292 kg
(4	Number of rows	7	
	Coverage per row	8.61 ft ²	0.80 m ²
	Linear coverage per row	13.12 lin. ft	4 lin. m

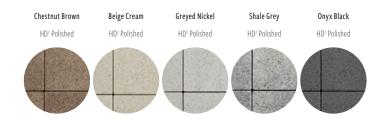


Spe	cifications per pallet		Imperial	Metric
400	Cubing		60.28 ft ²	5.60 m ²
200×400	Approx. Weight		2 848 lbs	1 292 kg
(4	Number of rows		7	
	Coverage per row		8.61 ft ²	0.80 m ²
	Linear coverage per row Depth		6.56 lin. ft	2 lin. m
		Length	13.12 lin. ft	4 lin. m

		Unit di	mensions	in	mm	Units/pallet
L	Α		Height	3 %	98	70 units
		T	Width	7 1/8	200	
			Length	15 ¾	400	

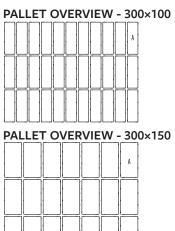
05 | Linear pattern 06 | Linear pattern **50%** - 200x200 | **50%** - 200x400 **60%** - 200x200 **| 40%** - 200x400







DESCRIPTION: Paver **TEXTURE:** HD² Smooth or HD² Granitex

















NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

HD² Polished and HD² Granitex is made-toorder, minimum order of 500 sq. ft. Deposit required. HD² Smooth is in stock with shorter lead times.

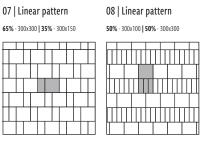
Spe	cifications per pallet		Imperial	Metric
100	8 Cubing		74.59 ft ²	6.93 m ²
300×1	Approx. Weight		3 412 lbs	1 548 kg
(1)	Number of rows		7	
	Coverage per row		10.66 ft ²	0.99 m ²
	Linear coverage per row	Depth	32.48 lin. ft	9.90 lin. m
		Length	10.83 lin. ft	3.30 lin. m

	> H A	Unit dim	nensions	in	mm	Units/pallet
L	W H A		Height	3 ¹⁵ / ₁₆	100	231 units
			Width	11 ¹³ / ₁₆	300	
			Length	3 15/16	100	
Specifications per pallet		Impe	rial	Metric		
:150	Cubing		71.2	0 ft²	6.62 n	n²

Spe	ecifications per pallet		Imperial Metric		
150	Cubing		71.20 ft ²	6.62 m ²	
300×1	Approx. Weight		3 288 lbs	1 491 kg	
	Number of rows		7		
	Coverage per row		10.17 ft ² /row	0.95 m ²	
	Linear coverage per row Depth		20.67 lin. ft	6.30 lin. m	
		Length	10.33 lin. ft	3.15 lin. m	







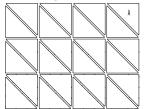


DESCRIPTION: Paver **TEXTURE:** HD² Smooth or HD² Granitex

PALLET OVERVIEW - 300×300

	A	

PALLET OVERVIEW - TRIANGLE















NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

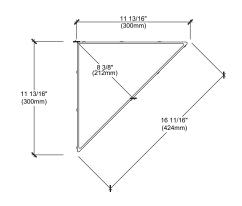
HD² Polished and HD² Granitex is made-toorder, minimum order of 500 sq. ft. Deposit required. HD² Smooth is in stock with shorter lead times.

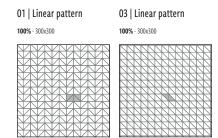
Spe	ecifications per pallet	Imperial	Metric
300	Cubing	81.38 ft ²	7.56 m ²
300×30C	Approx. Weight	3 725 lbs	1 690 kg
(1)	Number of rows	7	
	Coverage per row	11.63 ft ²	1.08 m ²
	Linear coverage per row	11.81 lin. ft	3.60 lin. m

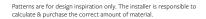


Spe	ecifications per pallet	Imperial	Metric
SLE	Cubing	81.38 ft ²	7.56 m ²
TRIANGLE	Approx. Weight	3 743 lbs	1 698 kg
Ë	Number of rows	7	
	Coverage per row	11.63 ft ²	1.08 m ²
	Linear coverage per row	11.81 lin. ft	3.60 lin. m

	Λ	Unit dimensions	in	mm	Units/pallet
L	A	Height	3 15/16	100	168 units
		Width	$11^{13}/_{16}$	300	
		Length	11 13/1	300	



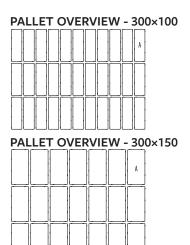








DESCRIPTION: Paver **TEXTURE:** HD² Polished







NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

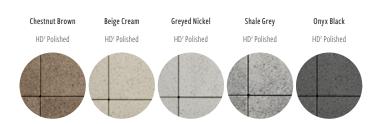
300 Series HD² Polished and HD² Granitex are made-to-order, minimum order of 500 sq. ft. Deposit required. HD² Smooth is in stock with shorter lead times.

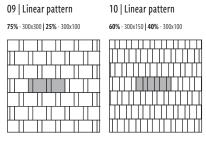
Specifications per pallet		Imperial	Metric	
100	Cubing		74.59 ft ²	6.93 m ²
300×1	Approx. Weight		3 412 lbs	1 548 kg
(1)	Number of rows		7	
	Coverage per row		10.66 ft ²	0.99 m ²
	Linear coverage per row Depth		32.48 lin. ft	9.90 lin. m
		Length	10.83 lin. ft	3.30 lin. m

	٨	Unit dime	nsions	in	mm	Units/pallet
L	Α		Height	3 1/8	98	231 units
			Width	$11^{13}/_{16}$	300	
			Length	3 ¹⁵ / ₁₆	100	

Specifications per pallet			Imperial	Metric
150	Cubing		71.20 ft ²	6.62 m ²
300×1	Approx. Weight		3 288 lbs	1 491 kg
(1)	Number of rows		7	
	Coverage per row		10.17 ft ²	0.95 m ²
	Linear coverage per row	Depth	20.67 lin. ft	6.30 lin. m
		Length	10.33 lin. ft	3.15 lin. m







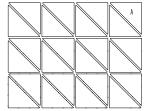


DESCRIPTION: Paver **TEXTURE:** HD² Polished

PALLET OVERVIEW - 300×300

	A	

PALLET OVERVIEW - TRIANGLE



















NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

300 Series HD² Polished and HD² Granitex are made-to-order, minimum order of 500 sq. ft. Deposit required. HD² Smooth is in stock with shorter lead times.

Sp	ecifications per pallet	Imperial	Metric
900	Cubing	81.38 ft ²	7.56 m ²
300×30C	Approx. Weight	3 725 lbs	1 690 kg
(4)	Number of rows	7	
	Coverage per row	11.63 ft ²	1.08 m ²
	Linear coverage per row	11.81 lin. ft	3.60 lin. m





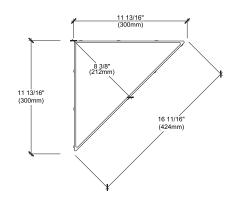
mensions	in	mm	Units/pallet
Height	3 %	98	84 units
Width	$11^{13}/_{16}$	300	
Length	11 ¹³ / ₁₆	300	

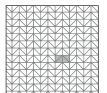
Spe	cifications per pallet	Imperial	Metric
3.15	Cubing	81.38 ft ²	7.56 m ²
TRIANGL	Approx. Weight	3 743 lbs	1 698 kg
Ĕ	Number of rows	7	
	Coverage per row	11.63 ft ²	1.08 m ²
	Linear coverage per row	11.81 lin. ft	3.60 lin. m

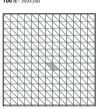
€ W	Н
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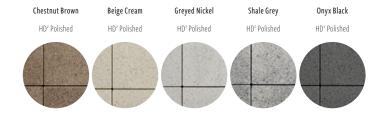


Unit dimensions	in	mm	Units/pallet
Height	3 %	98	168 units
Width	$11^{13}/_{16}$	300	
Length	$11^{13}/_{16}$	300	







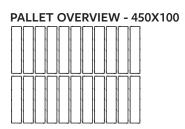


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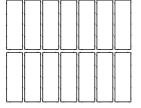


INDUSTRIA 450 SERIES

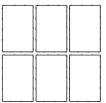
DESCRIPTION: Paver **TEXTURE:** HD² Smooth or HD² Granitex







PALLET OVERVIEW - 450X300







NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

All 450 Series items are on order only. Minimum order required: 2,000 sq. ft. Deposit required

Spe	Specifications per pallet		Imperial	Metric
100	Cubing		74.59 ft ²	6.93 m ²
450x100	Approx. Weight		3 516 lbs	1 595 kg
7	Number of rows		7	
	Coverage per row		10.66 ft ²	0.99 m ²
	Linear coverage per row	Depth	32.48 lin. ft	9.90 lin. m
		Length	7.22 lin. ft	2.20 lin. m

	Α.	Unit dimensions	ın	mm	Units/pallet
L	A	Height	3 ¹⁵ / ₁₆	100	154 units
	TERMEN	Width	3 ¹⁵ / ₁₆	100	
		Length	17 ¹ / ₁₆	450	

Specifications per pallet			Imperial	Metric
150	Cubing		71.20 ft ²	6.62 m ²
450x1	Approx. Weight		3 357 lbs	1 523 kg
Number of rows			7	
	Coverage per row		10.17 ft ²	0.95 m ²
	Linear coverage per row	Depth	20.67 lin. ft	6.30 lin. m
		Length	6.89 lin. ft	2.10 lin. m

	Λ	Unit	dimensions	in	mm	Units/pallet
L W	А		Height	3 15/16	100	98 units
			Width	5 %	150	
		The second	Length	17 ¹ / ₁₆	450	

Specifications per pallet		Imperial	Metric
450x300	Cubing	61.03 ft ²	5.67 m ²
	Approx. Weight	2 883 lbs	1 308 kg
	Number of rows	7	
	Coverage per row	8.72 ft ²	0.81 m ²
	Linear coverage per row Depth	8.86 lin. ft	2.70 lin. m
	Length	5.91 lin. ft	1.80 lin. m



11 | Linear pattern



100% - 450x100	100% - 450x100
	
+	
	
	
	 '

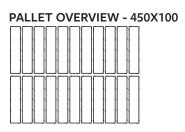
12 | Linear pattern

no-bloc.com

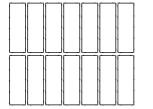


INDUSTRIA 450 SERIES

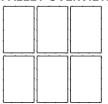
DESCRIPTION: Paver **TEXTURE:** HD² Polished



PALLET OVERVIEW - 450X150



PALLET OVERVIEW - 450X300



















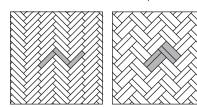
NOTES

See page 62 to 64 for more technical information.

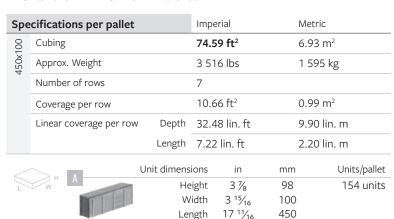
See page 30 for more information about applications.

All 450 Series items are on order only. Minimum order required: 2,000 sq. ft. Deposit required

13 Herringbone pattern	14 Herringbone pattern
100% - 450x100	60% - 450x150 40% - 450x100



Patterns are for design inspiration only. The installer is responsible to calculate & purchase the correct amount of material.

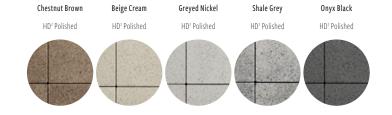


20.			.50	
Sp	Specifications per pallet		Imperial	Metric
150	Cubing		71.20 ft ²	6.62 m ²
450x150	Approx. Weight		3 357 lbs	1 523 kg
,	Number of rows		7	
	Coverage per row		10.17 ft ²	0.95 m ²
	Linear coverage per row	Depth	20.67 lin. ft	6.30 lin. m
		Length	6.89 lin. ft	2.10 lin. m

	Unit	dimensions	in	mm	Units/pallet
L W H		Height	3 %	98	98 units
		Width	5 %	150	
	The last section is a second	Length	17 ¹ / ₁₆	450	

Specifications per pallet		Imperial	Metric
300	Cubing	61.03 ft ²	5.67 m ²
450x300	Approx. Weight	2 883 lbs	1 308 kg
,	Number of rows	7	
	Coverage per row	8.72 ft ²	0.81 m ²
	Linear coverage per row Depth	8.86 lin. ft	2.70 lin. m
	Length	5.91 lin. ft	1.80 lin. m

	Unit dimensions	in	mm	Units/pallet
L W H A	Height	3 %	98	42 units
	Width	$11^{13}/_{16}$	300	
	Length	17 ¹ / ₁₆	450	

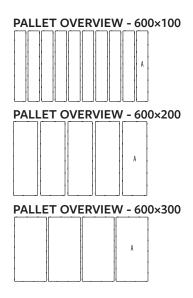


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INDUSTRIA 600 SERIES

DESCRIPTION: Paver **TEXTURE:** HD² Smooth or HD² Granitex





NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

Industria 600x100, 600x200 and 600x300 are made to order (2,000 sq.ft. min. required). Deposit required.

*For this application, it is recommended that this product be installed on a concrete base as designed by a local Engineer.

Spe	Specifications per pallet		Imperial	Metric
001	Cubing		45.21 ft ²	4.20 m ²
600×100	Approx. Weight		2 112 lbs	958 kg
9	Number of rows		7	
	Coverage per row		6.46 ft ²	0.60 m ²
	Linear coverage per row	Depth	19.69 lin. ft	6 lin. m
		Length	3.28 lin. ft	1 lin. m

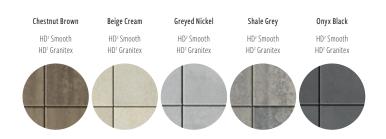
	٨	Unit dimer	nsions	in	mm	Units/pallet
L	A		Height	3 ¹⁵ / ₁₆	100	70 units
	1	1	Width	23 %	600	
		L	ength	3 15/16	100	

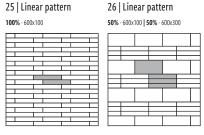
Spe	Specifications per pallet		Imperial	Metric
600×200	Cubing		45.21 ft ²	4.20 m ²
	Approx. Weight		2 146 lbs	973 kg
	Number of rows		7	
	Coverage per row		6.46 ft ²	0.60 m ²
	Linear coverage per row	Depth	9.84 lin. ft	3 lin. m
		Length	3.28 lin. ft	1 lin. m



	- Ann			
Specifications per pallet		Imperial	Metric	
300	Cubing		54.25 ft ²	5.04 m ²
600×300	Approx. Weight		2 567 lbs	1 164 kg
9	Number of rows		7	
	Coverage per row		7.75 ft ²	0.72 m ²
	Linear coverage per row	Depth	7.87 lin. ft	2.40 lin. m
		Length	3.94 lin. ft	1.20 lin. m

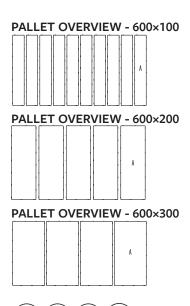








DESCRIPTION: Paver **TEXTURE:** HD² Polished







NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

Industria 600x100, 600x200 and 600x300 are made to order (2,000 sq.ft. min. required). Deposit required.

*For this application, it is recommended that this product be installed on a concrete base as designed by a local Engineer.

Spe	Specifications per pallet		Imperial	Metric
001	Cubing		45.21 ft ²	4.20 m ²
600×1	Approx. Weight		2 112 lbs	958 kg
9	Number of rows		7	
	Coverage per row		6.46 ft ²	0.60 m ²
	Linear coverage per row	Depth	19.69 lin. ft	6 lin. m
		Length	3.28 lin. ft	1 lin. m

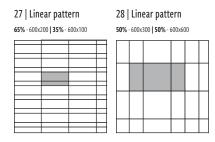
	Α.	Unit dimensions	in	mm	Units/pallet
L W	A	Height	3 1/8	98	70 units
		Width	23 %	600	
		Length	3 15/16	100	

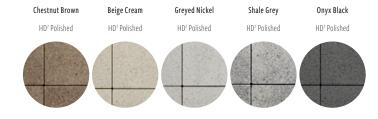
Spe	Specifications per pallet		Imperial	Metric
500	8 Cubing		45.21 ft ²	4.20 m ²
600×200	Approx. Weight		2 145 lbs	973 kg
9	Number of rows		7	
	Coverage per row		6.46 ft ²	0.60 m ²
	Linear coverage per row	Depth	9.84 lin. ft	3 lin. m
		Length	3.28 lin. ft	1 lin. m



Specifications per pallet		Imperial	Metric	
300	Cubing		54.25 ft ²	5.04 m ²
600×30C	Approx. Weight		2 567 lbs	1 164 kg
0	Number of rows		7	
	Coverage per row		7.75 ft ²	0.72 m ²
	Linear coverage per row	Depth	7.87 lin. ft	2.40 lin. m
		Length	3.94 lin. ft	1.20 lin. m



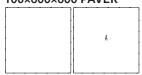






DESCRIPTION: Paver and Slab **TEXTURE:** HD² Smooth or HD² Granitex

PALLET OVERVIEW - 100×600×600 PAVER













PALLET OVERVIEW - 60×600×600 SLAB













NOTES

100×600×600 PAVER:

See page 62 to 64 for more technical information.

*For this application, it is recommended that this product be installed on a concrete base as designed by a local Engineer.

60×600×600 SLAB:

See page 35 to 37 for more technical information.

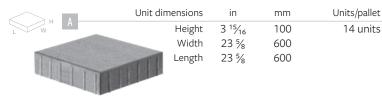
See page 30 for more information about applications.

Industria 100x600x600 is made to order (2,000 sq.ft. min. required). Deposit required.

Industria 60x600x600 HD² Granitex and HD² Polished are made to order (500 sq.ft. min. required). Deposit required.

Industria 60x600x600 HD² Smooth is in stock with shorter lead times.

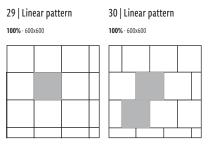
Specifications per pallet		Imperial	Metric
009	Cubing	54.25 ft ²	5.04 m ²
100×600×600	Approx. Weight	2 556 lbs	1 159 kg
PAVER 100×	Number of rows	7	
	Coverage per row	7.75 ft ²	0.72 m ²
	Linear coverage per row	3.94 lin. ft	1.20 lin. m



Spe	cifications per pallet	Imperial	Metric
009	Cubing	54.25 ft ²	5.04 m ²
009×009×09	Approx. Weight	1 567 lbs	711 kg
	Number of rows	7	
SLAB	Coverage per row	7.75 ft ²	0.72 m ²
	Linear coverage per row	3.94 lin. ft	1.20 lin. m









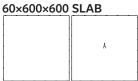
DESCRIPTION: Paver and Slab **TEXTURE:** HD² Polished

PALLET OVERVIEW - 100×600×600 PAVER





PALLET OVERVIEW -





NOTES

100×600×600 PAVER:

See page 62 to 64 for more technical information.

*For this application, it is recommended that this product be installed on a concrete base as designed by a local Engineer.

60×600×600 SLAB:

See page 35 to 37 for more technical information.

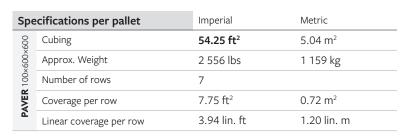
See page 30 for more information about applications.

Industria 100x600x600 is made to order (2,000 sq.ft. min. required). Deposit required.

Industria $60x600x600 \ HD^2$ Granitex and HD^2 Polished are made to order (500 sq.ft. min. required). Deposit required.

Industria $60x600x600\ HD^2\ Smooth$ is in stock with shorter lead times.

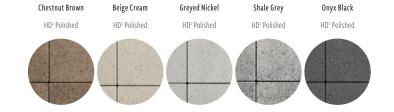
29 Lir	9 Linear pattern 30 Linear pattern									
100% - 60	0x600			100% - 600x600						



	mensions	in	mm	Units/pallet
L W A	Height	3 %	98	14 units
	Width	23 %	600	
	Length	23 %	600	

Spe	cifications per pallet	Imperial	Metric
009	Cubing	54.25 ft ²	5.04 m ²
009×009×09	Approx. Weight	1 555 lbs	705 kg
AB 60	Number of rows	7	
SLA	Coverage per row	7.75 ft ²	0.72 m ²
	Linear coverage per row	3.94 lin. ft	1.20 lin. m

Н	Unit dimensions	in	mm	Units/
W				pallet
	Height	2 5/16	58	14 units
	Width	23 %	600	
	Length	23 %	600	





DESCRIPTION: Paver **TEXTURE:** HD² Smooth or HD² Granitex

PALLET OVERVIEW - 900×300



PALLET OVERVIEW - 900×600



PALLET OVERVIEW - 900×900













NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

900 Series HD^2 Polished and HD^2 Granitex are made-to-order, minimum order of 500 sq. ft. Deposit required. HD^2 Smooth is in stock with shorter lead times.

*For this application, it is recommended that this product be installed on a concrete base as designed by a local Engineer.

Specifications per pallet		Imperial	Metric
900×30	Cubing	81.38 ft ²	7.56 m ²
	Approx. Weight	3 821 lbs *	1 733 kg
	Number of rows	7	
	Coverage per row	11.63 ft ²	1.08 m ²



Specifications per pallet		Imperial	Metric
Cubing Approx. Weight Number of rows	Cubing	81.38 ft ²	7.56 m ²
	Approx. Weight	3 839 lbs	1 741 kg
	Number of rows	7	
	Coverage per row	11.63 ft ²	1.08 m ²



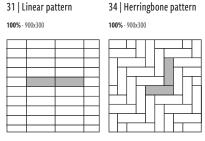
Specifications per pallet			ial	Metr	ric
006×006	Cubing	61.00) ft²	5.67	' m²
	Approx. Weight	2 893	3 lbs	1 31	2 kg
	Number of rows	7			
	Coverage per row	8.72	ft²	0.81	m²
	<	Unit dimensions	in	mm	Units/pallet

H A

nensions	in	mm	Units/pallet
Height	3 15/16	100	7 units
Width	35 ½ ₁₆	900	
Length	35 ¾ ₁₆	900	



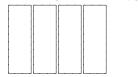
Chestnut Brown	Beige Cream	Greyed Nickel	Shale Grey	Onyx Black
HD ² Smooth HD ² Granitex				





DESCRIPTION: Paver **TEXTURE:** HD² Polished

PALLET OVERVIEW - 900×300



PALLET OVERVIEW - 900×600



PALLET OVERVIEW - 900×900













NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

900 Series HD^2 Polished and HD^2 Granitex are made-to-order, minimum order of 500 sq. ft. Deposit required. HD^2 Smooth is in stock with shorter lead times.

*For this application, it is recommended that this product be installed on a concrete base as designed by a local Engineer.

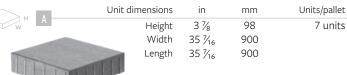
Specifications per pallet		Imperial	Metric
300	Cubing	81.38 ft ²	7.56 m ²
900×30	Approx. Weight	3 821 lbs	1 733 kg
0,	Number of rows	7	
	Coverage per row	11.63 ft²	1.08 m ²

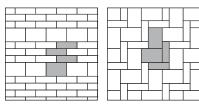


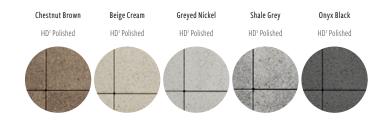
Specifications per pallet		Imperial	Metric
900	Cubing	81.38 ft ²	7.56 m ²
)09×006	Approx. Weight	3 839 lbs	1 741 kg
0/	Number of rows	7	
	Coverage per row	11.63 ft ²	1.08 m ²



Specifications per pallet		t Imperi	ial	Metric	:
006	Cubing	61.00	ft ²	5.67 r	m²
000×006	Approx. Weight	2 893	lbs	1 312	kg
0,	Number of rows	7			
	Coverage per row	8.72 f	t²	0.81 r	n²
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Unit dimensions	in	mm	Units/pallet









LINEA SMALL RECTANGLES

DESCRIPTION: Paver **TEXTURE:** Smooth

PALLET OVERVIEW

В	C	A
A	В	C
C	A	В
В	C	A
A	В	C
C	A	В
В	C	A
A	В	C
C	A	В
В	C	A
	R	r













NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

Specifications per pallet		Imperial		Metric	
Cubing	80.8	31 ft ²	7.5	1 m ²	
Approx. Weight	3 63	34 lbs	1 64	18 kg	
Number of rows	7				
Coverage per row	11.5	54 ft²	1.07	7 m ²	
Linear coverage per row	35.2	25 lin. ft	10.7	74 lin. m	
	dimensions	in	mm	Units/pallet	
W A	Height Width Length	3 ¹⁵ / ₁₆ 3 ¹⁵ / ₁₆ 8 ⁷ / ₈	100 100 225	77 units	
	261.8611	0 78	223		
В	Height	3 15/16	100	77 units	
	Width Length	3 ¹⁵ / ₁₆ 12 ¹³ / ₁₆	100 325		

Height

Width

Length

3 15/16

 $3\frac{15}{16}$

16 3/4

100

100

425

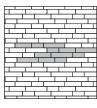
77 units

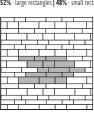
01 | Linear pattern

100% - small rectangles

03 | Linear pattern

52% - large rectangles | 48% - small rectangles







IO-DIOC.COIII



LINEA LARGE RECTANGLES

DESCRIPTION: Paver **TEXTURE:** Smooth

PALLET OVERVIEW

B		С	L A
A	В		С
С		A	В
B][С	A
A]	В	\square [С
С		A	В
A	В		C















NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

Specifications per pallet	Imperial	Metric
Cubing	77.14 ft ²	7.17 m ²
Approx. Weight	3 561 lbs	1 615 kg
Number of rows	7	
Coverage per row	11.02 ft ²	1.02 m ²
Linear coverage per row	22.40 lin. ft	6.83 lin. m

		imensions	in	mm	Units/pallet
[W	1 A	Height	3 15/16	100	49 units
		Width	5 %	150	
		Length	8 %	225	
В		Height	3 15/16	100	49 units
		Width	5 %	150	
		Length	12 ¹³ / ₁₆	325	

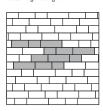


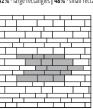
02 | Linear pattern

100% - large rectangles

03 | Linear pattern

52% - large rectangles | 48% - small rectangles







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MIKA

DESCRIPTION: Paver **TEXTURE:** Klean-Bloc Slate

PALLET OVERVIEW



















See page 62 to 64 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

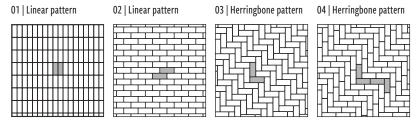
See page 30 for more information about applications.

JOINT WIDTH: 5/8" (15 mm) % OF SURFACE OPENING: 7.8 % INFILTRATOIN RATE: 909 in./hr

(23 094 mm/hr)

Specifications per pallet		Imperial	Metric
Cubing		107.63 ft ²	10.00 m ²
Approx. Weight		3 012 lbs	1 366 kg
Number of rows		10	
Coverage per row		10.76 ft ²	1.00 m ²
Linear coverage per row	Depth	11.77 lin. ft	3.59 lin. m
	Length	29.25 lin. ft	8.92 lin. m









MISTA RANDOM

DESCRIPTION: Paver **TEXTURE:** Multi-textured

PALLET OVERVIEW

С	В	A	С	В	С
	В	А	B	В	
С	В	Α		С	С
A	В	A	В		A
С	В	Α	С	В	С











Permeable pavers allow for storm water drainage and manage excess runoff. The use of permeable pavers also facilitates LEED® certification easier to obtain.

NOTES

See page 62 to 64 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

See page 30 for more information about applications.

JOINT WIDTH: 3/16" TO 9/16" (4 TO 14 mm) % OF SURFACE OPENING: 6.3 % INFILTRATOIN RATE: 610 in./hr (15 505 mm/hr)

Specifications per pallet		Imperial		Me	tric
Cubing		116.20 ft ²		10	.80 m²
Approx. Weight		3 356 lbs		1 5	522 kg
Number of rows		10			
Coverage per row		11.62 ft ²		1.0)8 m²
Linear coverage per row		17.71 lin. ft		5.4	10 lin. m
	Unit d	imensions	in	mm	Units/pallet
H A		Height	2 %16	65	80 units
		Width	7 %	200	
		Length	3 15/16	100	
D					
В		Height	2 %16	65	100 units
		Width	7 %	200	
		Length	7 1/8	200	

Height

Width

Length

2 %

7 %

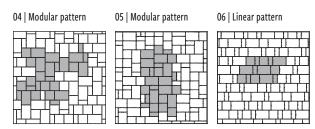
11 ¹³/₁₆

65

200

300

90 units





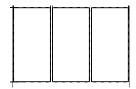




SLEEK

DESCRIPTION: Paver **TEXTURE:** HD² Smooth

PALLET OVERVIEW











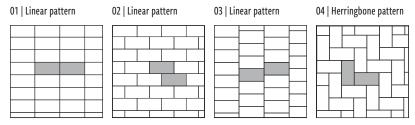
NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

Specifications per pallet	Imperial	Metric
Cubing	84.59 ft ²	7.86 m ²
Approx. Weight	3 543 lbs	1 607 kg
Number of rows	8	
Coverage per row	10.57 ft ²	0.98m ²
	7.98 ft/row	2.43 m/row
	3.98 ft/row	1.21 m/row









SQUADRA

DESCRIPTION: Paver **TEXTURE:** Slate

PALLET OVERVIEW











NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

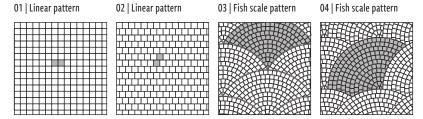
Specifications per pallet	Imperial	Metric
Cubing	73.41 ft ²	6.82 m ²
Approx. Weight	1 892 lbs	858 kg
Number of rows	9	
Coverage per row	8.16 ft ²	0.76 m ²
Linear coverage per row	29.95 lin. ft	9.13 lin. m





A	Unit dimensions	ın	mm	Units/pallet
А	Height	2 3/8	60	990 units
	Width	3 1/4	83	
A	Length	3 1/4	83	







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TRAVERTINA RAW

DESCRIPTION: Paver **TEXTURE:** Klean-Bloc Brushed Travertine

PALLET OVERVIEW















Klean-Bloc technology See page 24.

NOTES

See page 62 to 64 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

See page 30 for more information about applications.

JOINT WIDTH: 5/8" (15 mm) % OF SURFACE OPENING: 7.8 % INFILTRATOIN RATE: 793 in./hr

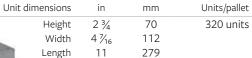
(20 150 mm/hr)

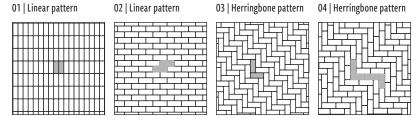
Specifications per pallet		Imperial	Metric
Cubing		107.63 ft ²	10.00 m ²
Approx. Weight		2 967 lbs	1 346 kg
Number of rows		10	
Coverage per row		10.76 ft ²	1.00 m ²
Linear coverage per row	Depth	11.77 lin. ft	3.59 lin. m
	Length	29.25 lin. ft	8.92 lin. m

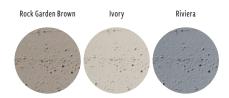














VALET

DESCRIPTION: Paver **TEXTURE:** Basalt

PALLET OVERVIEW

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NOTES

See page 62 to 64 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

See page 30 for more information about applications.

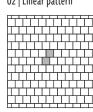
JOINT WIDTH: 9/32" (7 mm) % OF SURFACE OPENING: 5.9 % INFILTRATOIN RATE: 400 in,/hr

(10 160 mm/hr)

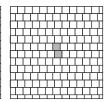
Specifications per pallet	Imperial	Metric
Cubing	92.31 ft ²	8.58 m ²
Approx. Weight	2 381 lbs	1 080 kg
Number of rows	9	
Coverage per row	10.26 ft ²	0.95 m ²
Linear coverage per row	18.95 lin. ft	5.78 lin. m

<u></u>	Α.	Unit dimensions	in	mm	Units/pallet
L W H	A	Height	2 3/8	60	315 units
		Width	6 ½	165	
		Length	6 1/3	165	

$01 \,|\, Checker board\ pattern \quad 02 \,|\, Linear\ pattern$











VICTORIEN 60 mm

DESCRIPTION: Paver **TEXTURE:** Smooth

PALLET OVERVIEW

		A
$\overline{}$		





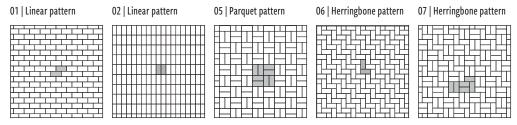
NOTES

See page 62 to 64 for more technical information.

See page 30 for more information about applications.

Specifications per pallet			Imperial	Metric
mm	Cubing		123.70 ft ²	11.50 m ²
109	Approx. Weight		3 481 lbs	1 579 kg
	Number of rows		11	
	Coverage per row		11.25 ft ²	1.05 m ²
	Linear coverage per row	Depth	15.87 lin. ft	4.84 lin. m
		Length	31.74 lin. ft	9.68 lin. m









VILLAGIO

DESCRIPTION: Paver **TEXTURE:** Beveled

PALLET OVERVIEW

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	88	C	亂	В	BL	A	88_	C	_88_	D	ğ















The Villagio paver allows for gentle curves and winding pathways, eliminating the need for cuts.

NOTES

See page 62 to 64 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

See page 30 for more information about applications.

JOINT WIDTH: 3/8" TO 9/16'' (9 TO 15 mm) % OF SURFACE OPENING: $8.0\,\%$ INFILTRATOIN RATE: 896 in./hr (22 750 mm/hr)

Specifications per pallet	Imperial	Metric
Cubing	117 ft ²	10.88 m ²
Approx. Weight	2 960 lbs	1 342 kg
Number of rows	11	
Coverage per row	10.64 ft ²	0.99 m ²
Linear coverage per row	24.94 lin. ft	7.61 lin. m

	Unit	dimensions	in	mm	Units/pallet
H A		Height	2 3/8	60	77 units
	100	Width	5 1/8	130	
	110	Length	5 1/8	130	
_					
В		Height	2 3/8	60	77 units
		Width	5 1/8	130	
	13 10	Length	6 ½	160	
-					
C		Height	2 3/8	60	154 units
-		Width	5 1/8	130	
i i	171	Length	7 ½ ₁₆	185	
D					
D		Height	2 3/6	60	154 units

Height Width

Length

 $2\frac{3}{8}$

5 1/8

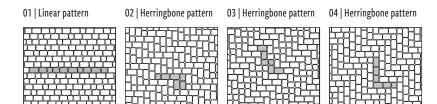
8 1/16

60

130

215

154 units





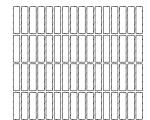
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WESTMOUNT

DESCRIPTION: Paver **TEXTURE:** HD²+ Smooth

PALLET OVERVIEW

















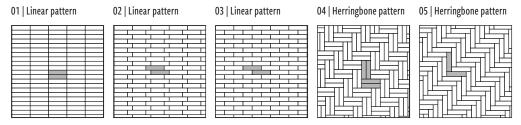
See page 30 for more information about applications.

Specifications per pallet	Imperial	Metric
Cubing	79.36 ft ²	7.37 m ²
Approx. Weight	2 952 lbs	1 339 kg
Number of rows	8	
Coverage per row	9.92 ft ²	0.92 m ²
Linear coverage per row	12.60 lin. ft	3.84 lin. m
	50.39 lin. ft	15.36 lin. m

L W H

H A

Unit dimensions	in	mm	Units/pallet
Height	3 1/8	80	512 units
Width	$2\frac{3}{8}$	60	
Length	9 1/16	240	





PERMEABLE PAVERS



DRIVEWAYS, PERMEABLE DRIVEWAYS & PATIOS

PERMEABLE PAVEMENTS

TECHO-BLOC PERMEABLE PAVEMENTS REDUCE RUNOFF AND IMPROVE THE QUALITY OF WATER RETURNING TO THE ENVIRONMENT. STORMWATER SEEPS THROUGH THE PAVING STONE JOINTS AND IS THEN DIRECTED INTO THE GROUND OR STORED TEMPORARILY IN THE BASE/SUBBASE STRUCTURE (OPEN GRADED STONE) RATHER THAN TURNING INTO RUNOFF HEADED DIRECTLY INTO THE SEWER SYSTEM.

PHYSICAL AND GEOMETRICAL CHARACTERISTICS

CHARACTERISTICS	ASTM C936	CSA A231.2:19
Compressive strength	8000 psi [55 MPa] min.	50 MPa min.
Absorption	5 % max.	
Freeze-thaw durability	Mass loss (max.): 225 g/m² at 28 cycles, or Mass loss (max.): 500 g/m² at 49 cycles	Mass loss (max.): 225 g/m2 after 28 cycles, or Mass loss (max): 500 g/m2 after 49 cycles
Dimensional tolerances (see Notes below):	Length and Width: ± 0.063 in. [1.6 mm] Thickness: ± 0.125 in. [3.2 mm]	Length and Width: -1.0 mm to +2.0 mm Thickness: ± 3.0 mm

Notes: The dimensional tolerances shown above are prior to the application of architectural finishes.

(page 93)

INSTALLATION GUIDE

SURFACE INFILTRATION CHARACTERISTICS

PERMEABLE PAVERS	PERCENT OF SURFACE OPENING (%)	JOINT WIDTH	INITIAL POST-CONSTRUCTION INFILTRATION RATE ¹
ANTIKA ²	Variable	Variable	993 in./hr (25 227 mm/hr)
AQUASTORM ²	38.4	1 ½″ (41mm)	2 395 in./hr (60 842 mm/hr)
BLU 60 mm (6x13) ²	4.6	% ₃₂ " (7mm)	570 in./hr (14 475 mm/hr)
BLU 60 mm	3.0	% ₃₂ " (7mm)	570 in./hr (14 475 mm/hr)
BLU 80 mm (6x13) ²	4.6	% ₃₂ " (7mm)	570 in./hr (14 475 mm/hr)
BLU 80 mm	3.0	% ₃₂ " (7mm)	570 in./hr (14 475 mm/hr)
HYDRA	8.3	½″ (13mm)	605 in./hr (15 345 mm/hr)
MIKA ²	7.8	5/8" (15mm)	909 in./hr (23 094 mm/hr)
MISTA random ¹	6.3	³ / ₁₆ " (4mm) to ⁹ / ₁₆ " (14mm)	610 in./hr (15 505 mm/hr)
PURE ²	5.0	³/ ₈ " (10mm)	726 in./hr (18 440 mm/hr)
TRAVERTINA RAW ²	7.8	5%" (15mm)	793 in./hr (20 150 mm/hr)
VALET ²	5.9	% ₃₂ " (7mm)	400 in./hr (10 160 mm/hr)
VILLAGIO ¹	8.0	³ / ₈ " (9mm) to 9/ ₁₆ " (15mm)	896 in./hr (22 750 mm/hr)

 $^{^{\}rm 1}$ Measurements were taken at various sites in conformity to the standard ASTM C 1701-09

OTHER PERMEABLE POSSIBILITIES



(page 97)

(page 96)

(page 99)

 $^{^{\}rm 2}$ Measurements were taken at various sites in conformity to the standard ASTM C 1781.

INSTALLATION GUIDE

SEGMENTAL PERMEABLE PAVEMENT



INSTALLATION OUTLINE

01 DATA COLLECTION

- A. Determine the size, shape, and intended use of finished areas (i.e. residential driveway, secondary commercial parking, etc.).
- B. Classify sub-grade soils.
- C. Document all existing conditions (i.e. fixed points, existing grades, site contours, etc.).
- D. Document soil type, location, and elevation of below grade and overhead utilities both public and private.
- E. Ensure public utilities are marked through the use of a locating service.
- F. Determine the cross section design of the system based on soil type and application, showing proposed sub-grade and finished grade elevations and all geotextiles and drainage pipes needed for the construction.
- G. Establish the type, location, and elevation of relief structures if required (i.e. overflow pipe discharging to rain garden, etc.).
- H. Determine the curb or edge restraint type, elevation, and location.
- I. Choose a pattern appropriate to the application (traffic type and load).

02 EXCAVATION

- A. Before digging, contact the concerned companies if wires or pipes are located in the area to be excavated.
- **B.** Excavation depth is determined from the foundation thickness according to the project specifications (foundation thickness is determined by a qualified engineer based on structural and hydrological analyses).
- C. Although the slope of the sub-grade will depend on the drainage design and infiltration type, a minimum slope of 0.5% ($\frac{1}{16}$ " per ft, or 5 mm per meter) is recommended.
- D. The distance that the excavated area should extend beyond the area to be paved should be one to 1.5 times the thickness of the foundation. This extra space will ensure the stability of the pavers near the edge and the edge restraints.
- E. Level the bottom of the excavated area with a rake.

Compaction will reduce the permeability of the sub-grade and it should be executed according to the project specifications. If compaction is not specified, care should be taken to maintain undisturbed soil infiltration during excavation and construction. Stabilization of the sub-grade may be required with weak, continually saturated soils, or when subject to high traffic conditions. If the compaction or stabilization of sub-grade is necessary, reduced infiltration may require drainage pipes within the sub-base to conform to storm water drainage requirements.

03 GEOTEXTILE, IMPERMEABLE LINERS, AND DRAIN PIPES

- A. Use the geotextile specified and install it according to project specifications. The use of a woven geotextile with bi-axel strength that meets design criteria is recommended.
- B. Place the geotextile on the bottom and sides of the soil sub-grade. Eliminate wrinkles in the geotextile and ensure it is not damaged during construction.
- C. Overlap of geotextile should be a minimum of 2' (600 mm) in the direction of drainage. Overlapping should be "shingle" style with respect to any slope direction and base stone distribution direction. Keep properly tensioned, eliminate wrinkles, and avoid damaging fabric (no spikes).
- D. If impermeable liners are required, install them according to project specifications and manufacturer's instructions. Impermeable liners are used when full exfiltration from the reservoir (sub-base and base) into the underlying sub grade is not allowed (no infiltration design). Perforated drainage pipes are usually required in no infiltration and partial infiltration designs.
- E. If drainage pipes are required, install them according to project specifications. The aggregate cover over drainage pipes should be at least 12" (300 mm) to protect them from damage during sub-base or base compaction.

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INSTALLATION GUIDE

SEGMENTAL PERMEABLE PAVEMENT

04 SUB-BASE

For residential pedestrian applications, the sub-base may not be required and then only ASTM No. 57 (CSA 5-28) aggregate base layer with a minimum thickness of 6" (150 mm) can be used (use a thicker base for additional water storage). Refer to Base (see below 06).

When traffic load, soil conditions, and climate require greater than 12" (300 mm) of base or volume requirements for detention are higher, a sub-base may be required. Use sub-base ASTM No. 2 or No. 3 (CSA 40-80) meeting the following requirements:

- 90% fractured symmetrical particles
- Less than 5% passing the 200 sieve
- Industry hardness tested
- A. Moisten, spread and compact the ASTM No. 2 (CSA 40-80) aggregate sub-base in minimum 6" (150 mm) lifts (without distorting or damaging the geotextile) according to the project specifications.
- B. Make at least two passes in the vibratory mode followed by at least two passes in the static mode with a minimum 10 ton (9 metric ton) vibratory roller, until there is no visible movement of the aggregate. Alternately, a 13,500 lbf (60 kN) plate compactor can be used to compact the ASTM No. 2 (CSA 40-80) aggregate sub-base.
- C. Do not allow the compactor to crush the aggregate.
- D. Surface tolerance of the ASTM No. 2 (CSA 40-80) sub-base should be ± 2 ½" (64 mm) over 10' (3 m).

05 EDGE RESTRAINT

- A. Install edge restraint according to project specifications.
- B. Depending on the design, the top of the edge restraint can be hidden or exposed.
- C. Install Avignon, Belgik or Pietra edge units. Cast-in-place concrete or precast concrete curbs should be considered in vehicular use applications (commercial/industrial driveways, parking lots or streets).
- D. Edge restraint may rest on an open-graded or dense-graded aggregate base.

06 BASE

- A. Moisten, spread and compact the ASTM No. 57 (CSA 5-28) aggregate base layer in one 4" (100 mm) thick lift.
- B. Make a minimum of two passes in vibratory mode followed by at least two in static mode with a minimum 10 ton (9 metric ton) vibratory roller, until there is no visible movement of the aggregate. Alternately, a 13,500 lbf (60 kN) plate compactor can be used to compact the ASTM No. 57 (CSA 5-28) aggregate base.
- C. Do not allow the compactor to crush the aggregate.
- D. Surface tolerance of the ASTM No. 57 (CSA 5-28) base should be ± 1" (25 mm) over 10' (3 m). Verify prior to setting bed installation.

07 BEDDING COURSE

- A. Moisten, spread and screed the ASTM No. 8 (CSA 2.5-10) aggregate bedding layer in one 2" (50 mm) thick lift.
- B. Surface tolerance of the ASTM No. 8 (CSA 2.5-10) bedding course should be ± 3 \%" (10 mm) over 10' (3 m).
- C. Construction equipment and pedestrian traffic on the screeded bedding course should not be permitted.

08 PAVER

- A. Pavers should be placed in the pattern shown on the drawings. Lay units hand tight to designated laying patterns. Units have lugs to maintain consistent joint width.
- B. In sloped conditions, it is preferable to start laying from the bottom in an uphill direction.
- C. The minimum slope recommended for permeable pavement surface is 1%.
- $\ensuremath{\mathsf{D}}.$ Hydra pavers can be installed with a mechanical tool to expedite installation.
- E. When subject to vehicular traffic, cut units should not be smaller than \(\frac{1}{3} \) of a whole paver. When using cut pieces, maintain joint.
- F. In vehicular applications, pattern strength will increase if laying pattern is perpendicular to traffic flow.

INSTALLATION GUIDE

SEGMENTAL PERMEABLE PAVEMENT

09 JOINT FILL

- A. Fill the paver joint openings with ASTM No. 8 (CSA 2.5-10) aggregate (or No. 89, No. 9 depending on joint width). Sweep stone to fill joints. Surface must be swept clean prior to compaction.
- B. Compact with a minimum 5,000 lbf (22 kN) plate compactor (two passes minimum). The installation of a neoprene pad is recommended to protect the texture of the paving units.
- C. Do not compact within 6' (1.8 m) of unrestrained edges of the pavers.
- D. Apply additional aggregate to fill the joint openings if needed and compact.
- **E.** Surface tolerance of compacted pavers should be $\pm \frac{3}{8}$ " (10 mm) over 10' (3 m).

QUANTITY CHART FOR PERMEABLE JOINTS

Approximate clean stone quantity in kg (lb) to cover an area of 1 m 2 (1 pi 2) to fill between joints. It is recommended to always start with a small area.

PRODUCTS	JOINT FILL MATERIAL	(lbs/sq. ft)	(kg/sq. m)
Antika	ASTM No. 8 (CSA 2.5 - 10) (1/4")	1.9	9.3
Aquastorm	ASTM No. 8 (CSA 2.5 - 10) (1/4")	12.2	59.5
Blu 60 mm	ASTM No. 9 (CSA 2.5 - 5) (1/8")	0.6	3.0
Blu 60 mm (6x13)	ASTM No. 9 (CSA 2.5 - 5) (1/8")	0.9	4.2
Blu 80 mm	ASTM No. 9 (CSA 2.5 - 5) (1/8")	0.8	4.0
Blu 80 mm (6x13)	ASTM No. 9 (CSA 2.5 - 5) (1/8")	1.2	5.7
Hydra	ASTM No. 8 (CSA 2.5 - 10) (1/4")	2.9	14.4
Mika	ASTM No. 8 (CSA 2.5 - 10) (¼")	2.5	12.2
Mista random	ASTM No. 9 (CSA 2.5 - 5) (1/8")	1.0	5.0
Pure	ASTM No. 9 (CSA 2.5 - 5) (1/8")	1.4	7.0
Travertina Raw	ASTM No. 8 (CSA 2.5 - 10) (¼")	2.5	12.2
Valet	ASTM No. 9 (CSA 2.5 - 5) (1/8")	1.3	6.2
Villagio	ASTM No. 8 (CSA 2.5 - 10) (1/4")	2.1	10.2

Note: Gator Aqua Rock permeable stone (bagged) can be used to meet the ASTM No. 9 gradation.

10 POST INSTALLATION PROTECTION

Prevent contamination of the porous (permeable) pavement system from fine aggregates and debris by maintaining erosion and sedimentation (E&S) measures at the perimeter.

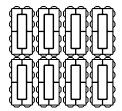




AQUASTORM

DESCRIPTION: Paver **TEXTURE:** Smooth

PALLET OVERVIEW



















Aqua Storm paver meet and exceeds the requirements of ASTM C1319 for Concrete Grid Paving Units.

NOTES

See page 62 to 64 for more technical information. When used in a permeable pavement application, see page 33 and 101 for more technical information.

See page 30 for more information about applications.

JOINT WIDTH: 1 5/8" (41 mm) % OF SURFACE OPENING: 38 % INFILTRATOIN RATE: 2 395 in./hr

(60 842 mm/hr)

WINTER CONDITIONS

d on grass as salt will damage it. The snowblower blade should be set to leave a $^3\!\!/_4$ to 1 $^1\!\!/_2$ in. (2 to 4 cm) tamped snow cover to

Specifications per pall	et	Imperial	Metric
Cubing		78.39 ft ²	7.28 m ²
Approx. Weight		2 245 lbs	1 018 kg
Number of rows		7	
Coverage per row		11.20 ft ²	1.04 m ²
Linear coverage per row	Depth	13.39 lin. ft	4.08 lin. m
	Length	6.69 lin. ft	2.04 lin. m





Unit dir	mensions	in	mm	
	Height	3 15/16	100	
	Width	10 1/16	255	
71	Length	20 ½16	510	

Units/pallet 56 units



De-icing salts sh	ould never	be used
-------------------	------------	---------

protect the grass from extreme cold and prevent it from being torn off during snow removal.

	=	=	=	=	=	=

01 | Linear pattern









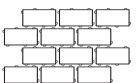




HYDRA

DESCRIPTION: Paver **TEXTURE:** Smooth

PALLET OVERVIEW





- LEED® Projects.
- Reduces stormwater runoff to municipal sewers.
- Eliminates the need for retention basins and optimizes the use of land.

CHARACTERISTICS

- Clamp or Mechanical tool available for machine installation. Check with your local Techo-Bloc representative for more information.
- 6000 to 8000 sq. ft can be installed per day with mechanical installation and a team of 5 persons

NOTES

See page 33 and 101 for more technical information.

See page 30 for more information about applications.

JOINT WIDTH: 1/2" (13 mm) % OF SURFACE OPENING: 8.3 % INFILTRATOIN RATE: 605 in./hr

(15 345 mm/hr)

01 | Linear pattern





Specifications per pallet	Imperial	Metric
Cubing	62 ft ²	5.76 m ²
Approx. Weight	2 811 lbs	1 275 kg
Number of rows	8	
Coverage per row	7.75 ft ²	0.72 m ²
Linear coverage per row	11.80 lin. ft	3.60 lin. m

Α.	Unit dimensions	in	mm	Units/pallet
A	Height	3 15/16	100	96 units
3	Width	7 %	200	
	Length	11 ¹³ / ₁₆	300	
-				





PURE

DESCRIPTION: Paver **TEXTURE:** Beveled

PALLET OVERVIEW

[c	A }	B
(c	A }	В
c	A	В
[c	A	В
[c	A	B }















The use of permeable pavement systems throughout the world has proven effective in reducing storm water runoff while increasing infiltration rates as it returns the water to the environment. The use of permeable pavers also facilitates LEED® certification easier to obtain.

NOTES

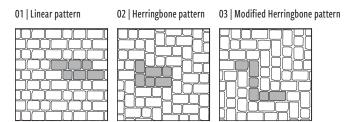
See page 33 and 101 for more technical information.

See page 30 for more information about applications.

JOINT WIDTH: 3/8" (10 mm) % OF SURFACE OPENING: 5.0 % INFILTRATOIN RATE: 726 in./hr (18 440 mm/hr)

Specifications per pallet	Imperial	Imperial Metric	
Cubing	90 ft ²	8.36 m ²	
Approx. Weight	3 175 lbs	1 440 kg	
Number of rows	8		
Coverage per row	11.25 ft ²	1.05 m ²	
Linear coverage per row	15 lin. ft	4.57 lin. m	

<u></u>	A	imensions	in	mm	Units/pallet
L D H	A	Height	3 1/8	80	40 units
		Width	9	229	
	1111	Length	9	229	
В		Height	3 1/8	80	40 units
	Direction of the second	Width	9	229	
		Length	12	305	
С		11.1.1.	2.17	00	40
		Height Width	3 1/8	80	40 units
	The sale		9	229	
		Length	15	381	





OUTDOOR FEATURES

FIREPLACES, FIRE PITS, & GRILL ISLANDS





BRANDON RECTANGULAR FIRE PIT



TECHO-BLOC WARRANTY APPLIES TO BRANDON STONES THE WARRANTY **DOES NOT APPLY** TO ACCESSORY KIT

NOTES

Sold as a kit not pre-assembled. Raffinato 14" x 28" caps included.

Techo-Bloc is not responsible for any damages to the firepit if it is not installed with a sleeve or accessory kit. The firepit is not designed for large fires. Fire should be contained at least 6" away from the firepit wall blocks. Overheating could lead to heat damage to the firepit components.

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

See 111 for more technical information.

Gas insert kits available and sold separately (Natural Gas or Liquid Propane).

The kit includes: Brass Burner (160K BTU), Aluminum Plate, Ignition control (push button), collars, vents, aluminum cover and black lava rock.

Chestnut Brown



FIRE PIT Chestnut Brown



CAPChestnut Brown

Shale Grey	
12	
1	

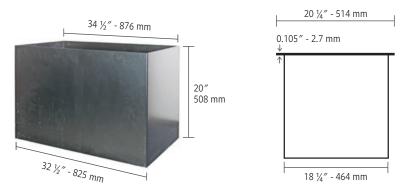




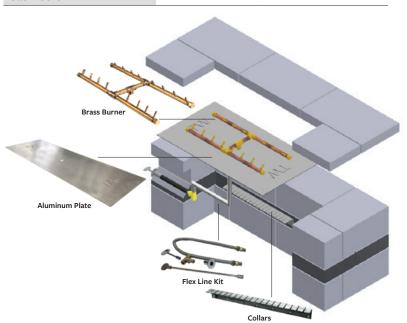
CAP Shale Grey

Specifications per pallet	Imperial	Metric
Cubing	58 units	58 units
Approx. Weight	2 660 lbs	1 207 kg
Overall Height	19 ¹⁵ ⁄ ₁₆ in	507 mm
Overall Width	44 ½ in	1 130 mm
Overall Length	57 ¾ in	1 467 mm
Brandon 90 mm units	20 ^C units	
Brandon 90 mm corner units	30 units	
Cap units	8 units	

Insert



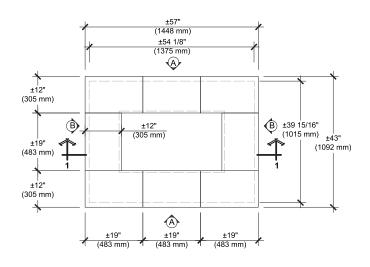
Gas Insert

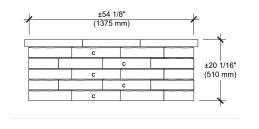


111

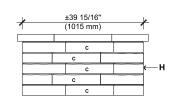
INSTALLATION GUIDE

BRANDON RECTANGLE, FIRE PIT (KIT)

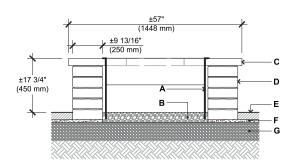




ELEVATION A



TOP ELEVATION B



SECTION 1-1

- A. STEEL BOX INSERT
- **B.** CLEAN STONE 3/4" (20 mm), 4" (100 mm) THICK
- C. RAFFINATO CAP 60 mm (PRE-CUT)
- **D.** BRANDON 90 mm BLOCK
- E. TECHO-BLOC PAVERS OR SLABS
- F. SETTING BED 1" (25 mm)
- **G.** COMPACTED GRANULAR BASE 0-3/4" (0-20 mm)
- H. BRANDON 90 mm CORNER BLOCK

Consult our Installation Guide in our website for a detail step by step installation.

QUANTITY OF MATERIALS REQUIRED

- RAFFINATO CAP 60 mm: 8
- Brandon 90 mm block : 20
- Brandon 90 mm corner block: 30

NOTE: Secure the blocks using a heat resistant concrete adhesive. The installer must ensure that the installation and use of the fire pit comply with local regulations and code requirements.



BRANDON SQUARE FIRE PIT

Specifications per pallet

Cubing



TECHO-BLOC WARRANTY APPLIES TO BRANDON STONES THE WARRANTY **DOES NOT APPLY** TO ACCESSORY KIT

NOTES

Sold as a kit not pre-assembled. Raffinato 14" x 28" caps included.

Techo-Bloc is not responsible for any damages to the firepit if it is not installed with a sleeve or accessory kit. The firepit is not designed for large fires. Fire should be contained at least 6" away from the firepit wall blocks. Overheating could lead to heat damage to the firepit components.

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

See 113 for more technical information.

Gas insert kits available and sold separately (Natural Gas or Liquid Propane).

The kit includes: Brass Burner (240K BTU), Aluminum Plate, Ignition control (push button), collars, vents, aluminum cover and black lava rock.

Chestnut Brown



FIRE PIT Chestnut Brown



CAP Chestnut Brown

Shale Grey



FIRE PIT Shale Grey



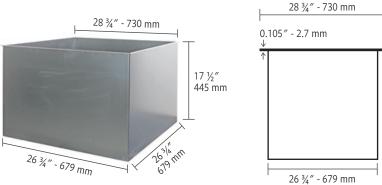
Approx. Weight 2 454 lbs 1113 kg 507 mm Overall Height 19 15/16 in Overall Width 53 ½ in 1 359 mm 53 ½ in 1 359 mm Overall Length Brandon 90 mm units 20 A units 20 B units Brandon 90 mm corner units 20 units Cap units 6 units Insert

Imperial

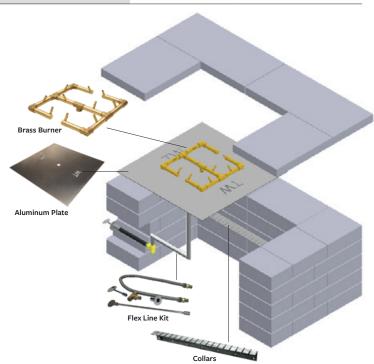
66 units

Metric

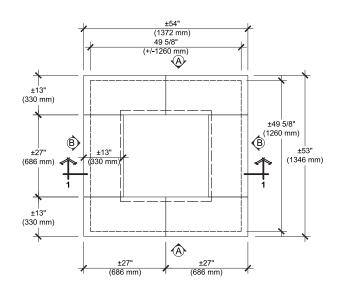
66 units

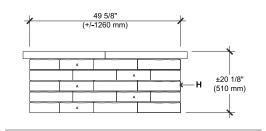


Gas Insert



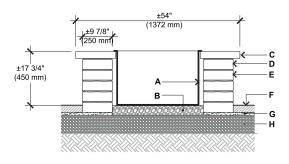
BRANDON SQUARE, FIRE PIT (KIT)





ELEVATION A

TOP



SECTION 1-1

- A. STEEL BOX INSERT
- **B.** CLEAN STONE $\frac{3}{4}''$ (20 mm), 4" (100 mm) THICK
- **C.** RAFFINATO CAP 60 mm (PRE-CUT)
- **D.** BRANDON 90 mm BLOCK
- E. TECHO-BLOC PAVERS OR SLABS
- F. SETTING BED 1" (25 mm)
- **G.** COMPACTED GRANULAR BASE 0-3/4" (0-20 mm)
- H. BRANDON 90 mm CORNER BLOCK

QUANTITY OF MATERIALS REQUIRED

- RAFFINATO CAP 60 mm: 6
- Brandon 90 mm block: 20 A, 20 B
- Brandon 90 mm corner block: 20

NOTE: Secure the blocks using a heat resistant concrete adhesive. The installer must ensure that the installation and use of the fire pit comply with local regulations and code requirements.

Consult our Installation Guide in our website for a detail step by step installation.



MANCHESTER FOYER SHALE GREY

DESCRIPTION: Fireplace **TEXTURE:** Smooth

Top Section (with chimney)	imperial	metric
Approx. Weight	2 134 lbs	968 kg
Height	53 ¼ in	1 353 mm
Width	52 in	1 321 mm
Depth	32 in	813 mm

Woodbox (With York Cap)	imperial	metric
Approx. Weight	1 568 lbs	711 kg
Height	30 ¼ in	768 mm
Width	33 in	838 mm
Depth	34 in	864 mm

Bottom Section	imperial	metric
Approx. Weight	4 985 lbs	2 261 kg
Height	43 ½ in	1 105 mm
Width	59 in	1 499 mm
Depth	43 in	1 092 mm

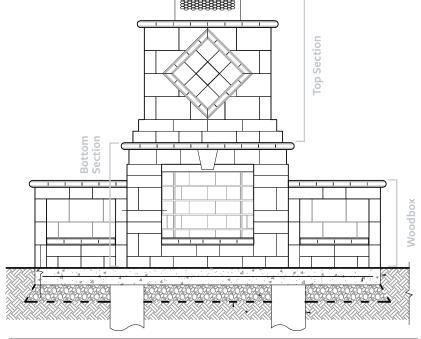


NOTES

See 115 for more technical information.

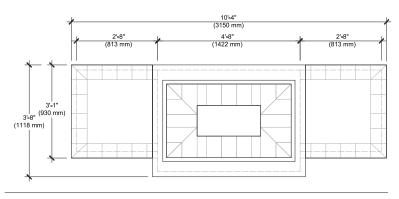


Report number: 0538WF001S UL-127 & ULC-S610 compliant



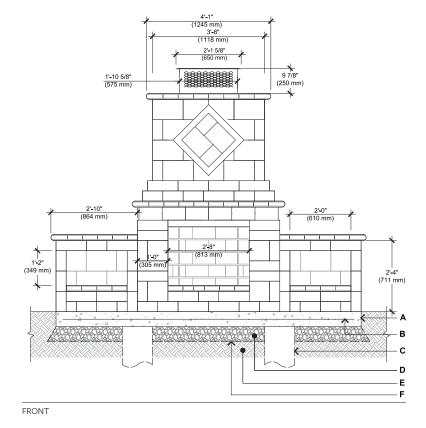
FRONT

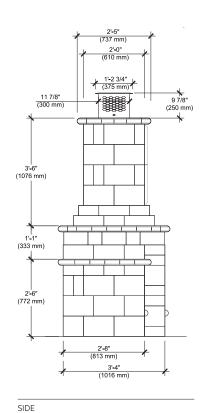
MANCHESTER FOYER SHALE GREY (PRE-ASSEMBLED KIT)



TOP

- **A.** CAST IN PLACE CONCRETE SLAB 30 MPa 150 mm (6") THICK
- **B.** 152 × 152 MW 18.7 × MW 18.7 (6 × 6-W2.9 × W2.9) WELDED WIRE MESH AS PER SITE CONDITIONS
- C. 300 mm (12") Ø CONCRETE PILLAR FOUNDATION EXTENDED TO 150 mm (6") BELOW FROST LINE AS PER SITE CONDITIONS AND LOCAL BUILDING REGULATIONS
- **D.** 20 mm (¾") CLEAN STONE 150 mm (6") THICK MIN. AS PER SITE CONDITIONS
- E. NATURAL SOIL OR COMPACTED BACKFILL
- F. GEOTEXTILE





Consult our Installation Guide in our website for a detail step by step installation.

The installer must ensure that the installation and use of the fireplace comply with local regulations and code requirements. Concrete pillars extending to frost line may be required as per local code. Check your local building code before installing.





MANCHESTER FOYER CHESTNUT BROWN

DESCRIPTION: Fireplace **TEXTURE:** Smooth

Top Section (with chimney)	imperial	metric
Approx. Weight	2 134 lbs	968 kg
Height	53 ¾ in	1 356 mm
Width	52 in	1 321 mm
Depth	32 in	813 mm

Woodbox (With Bullnose Cap)	imperial	metric
Approx. Weight	1 568 lbs	711 kg
Height	30 ¾ in	772 mm
Width	34 in	864 mm
Depth	36 % in	930 mm

Bottom Section	imperial	metric
Approx. Weight	4 985 lbs	2 261 kg
Height	43 ½ in	1 105 mm
Width	60 ½ in	1 527 mm
Depth	44 in	1 118 mm



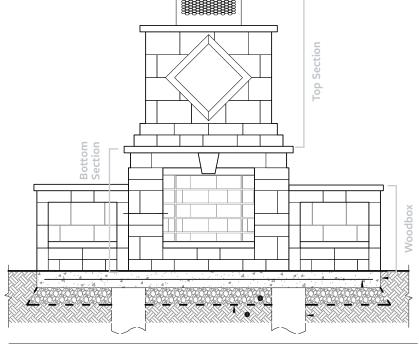
NOTES

See 117 for more technical information.



Report number: 0538WF001S

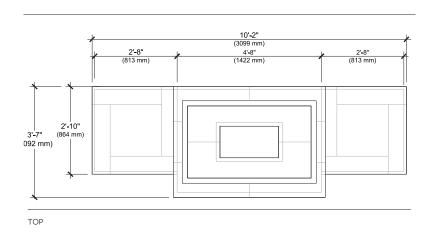
UL-127 & ULC-S610 compliant



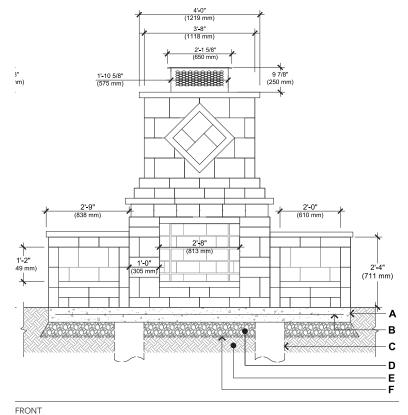
FRONT

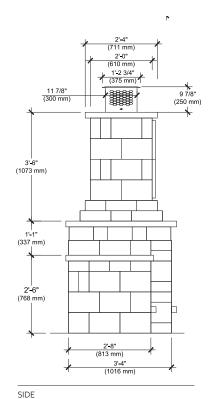


MANCHESTER FOYER CHESTNUT BROWN (PRE-ASSEMBLED KIT)



- **A.** CAST IN PLACE CONCRETE SLAB 30 MPa 150 mm (6") THICK
- **B.** 152 × 152 MW 18.7 × MW 18.7 (6 × 6-W2.9 × W2.9) WELDED WIRE MESH AS PER SITE CONDITIONS
- C. 300 mm (12") Ø CONCRETE PILLAR FOUNDATION EXTENDED TO 150 mm (6") BELOW FROST LINE AS PER SITE CONDITIONS AND LOCAL BUILDING REGULATIONS
- **D.** 20 mm (¾") CLEAN STONE 150 mm (6") THICK MIN. AS PER SITE CONDITIONS
- E. NATURAL SOIL OR COMPACTED BACKFILL
- F. GEOTEXTILE





Consult our Installation Guide in our website for a detail step by step installation.

The installer must ensure that the installation and use of the fireplace comply with local regulations and code requirements. Concrete pillars extending to frost line may be required as per local code. Check your local building code before installing.



PRESCOTT

DESCRIPTION: Fire pit **TEXTURE:** Natural stone



NOTES

Sold as a kit not pre-assembled. Piedimonte caps included.

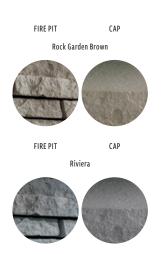
Techo-Bloc is not responsible for any damages to the firepit if it is not installed with a sleeve or accessory kit. The firepit is not designed for large fires. Fire should be contained at least 6" away from the firepit wall blocks. Overheating could lead to heat damage to the firepit components.

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

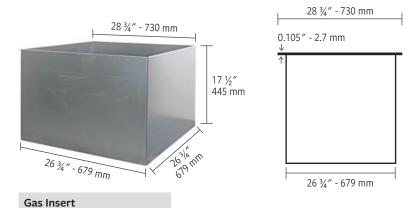
See 119 for more technical information.

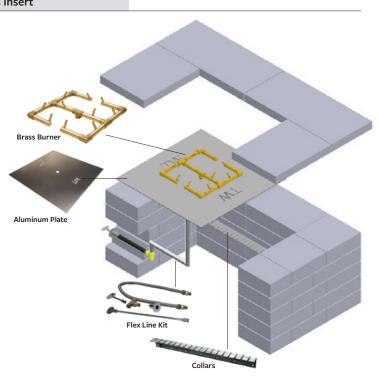
Gas insert kits available and sold separately (Natural Gas or Liquid Propane).

The kit includes: Brass Burner (240K BTU), Aluminum Plate, Ignition control (push button), collars, vents, aluminum cover and black lava rock.

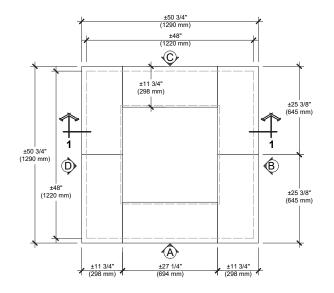


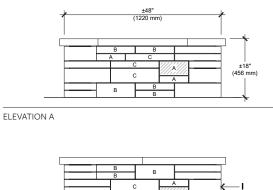
Specifications per pallet	Imperial	Metric
Approx. Weight	2 813 lbs	1276 kg
Height	18 in	457 mm
Depth	51 ¾ in	1 314 mm
Length	51 ¾ in	1 314 mm
Piedimonte caps	6	
Prescott 2,25" block	7 A, 18 B, 7 C	
Prescott 4,5" block	3 A, 6 B, 3 C	
Prescott 2,25" corner block	16	
Prescott 4,5" corner block	6	
Insert		

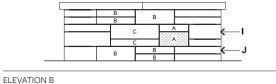




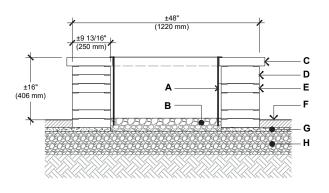
PRESCOTT FIRE PIT (KIT)

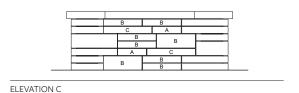


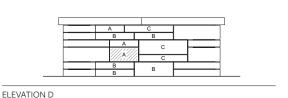




TOP







SECTION 1-1

- A. STEEL BOX INSERT
- **B.** CLEAN STONE 3/4" (20 mm), 4" (100 mm) THICK
- **C.** PIEDIMONTE CAP (CUT)
- **D.** PRESCOTT 4.5" BLOCK
- **E.** PRESCOTT 2.25" BLOCK
- F. TECHO-BLOC PAVERS OR SLABS
- **G.** SETTING BED 1" (25 mm)
- **H.** COMPACTED GRANULAR BASE 0-3/4" (0-20 mm) (SEE TABLE PAGE 64 FOR THICKNESS)
- I. PRESCOTT 4.5" CORNER BLOCK
- J. PRESCOTT 2.25" CORNER BLOCK

QUANTITY OF MATERIALS REQUIRED

- Piedimonte cap: 6
- Prescott 2.25"block: **7** A, **18** B, **7** C
- Prescott 4.5"block: **3** A , **6** B , **3** C
- Prescott 2.25" corner block: 16
- Prescott 4.5" corner block: 6

NOTE: Secure the blocks using a heat resistant concrete adhesive. The installer must ensure that the installation and use of the firepit comply with local regulations and code requirements.

Consult our Installation Guide in our website for a detailed step by step installation.



RAFFINATO

DESCRIPTION: Fire pit **TEXTURE:** Smooth



NOTES

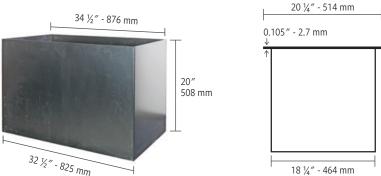
Sold as a kit not pre-assembled. Raffinato 12"×24" caps included.

Techo-Bloc is not responsible for any damages to the firepit if it is not installed with a sleeve or accessory kit. The firepit is not designed for large fires. Fire should be contained at least 6" away from the firepit wall blocks. Overheating could lead to heat damage to the firepit components.

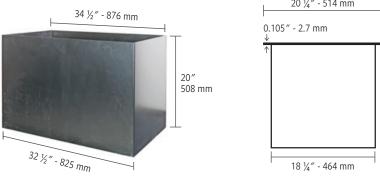
See 121 for more technical information.

Specifications per pallet	Imperial	Metric
Approx. Weight	2 700 lbs	1 224 kg
Height	21 ¼ in	540 mm
Depth	41 ½ in	1 054 mm
Length	55 ¾ in	1 419 mm
12"×24" caps	8	
Raffinato 90 mm corner block	10	
Raffinato 180 mm corner block	20	

Insert



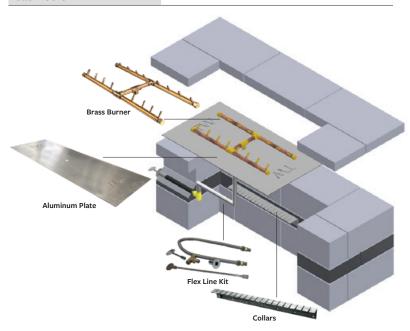
Gas Insert



Gas insert kits available and sold separately (Natural Gas or Liquid Propane).

The kit includes: Brass Burner (160K BTU), Aluminum Plate, Ignition control (push button), collars, vents, aluminum cover and black lava rock.

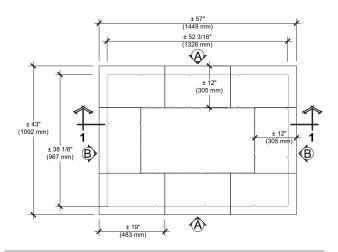




techo-bloc.com

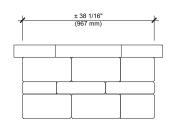
INSTALLATION GUIDE

RAFFINATO FIRE PIT (KIT)

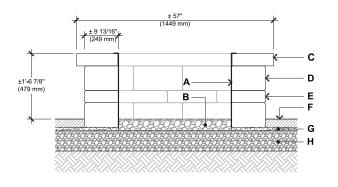


± 52 3/16° (1326 mm)

ELEVATION A



TOP



SECTION 1-1

ELEVATION B

- A. STEEL BOX INSERT
- **B.** CLEAN STONE 3/4" (20 mm), 4" (100 mm) THICK
- **C.** RAFFINATO CAP 90 mm (PRE-CUT)
- D. RAFFINATO 180 mm CORNER BLOCK
- E. RAFFINATO 90 mm CORNER BLOCK
- F. TECHO-BLOC PAVERS OR SLABS
- **G.** SETTING BED 1" (25 mm)
- **H.** COMPACTED GRANULAR BASE 0-3/4" (0-20 mm)

QUANTITY OF MATERIALS REQUIRED

- Raffinato cap 90 mm: 8
- Raffinato 90 mm corner block: 10
- Raffinato 180 mm corner block: 20

NOTE: Secure the blocks using a heat resistant concrete adhesive. The installer must ensure that the installation and use of the firepit comply with local regulations and code requirements.

Consult our Installation Guide in our website for a detail step by step installation.

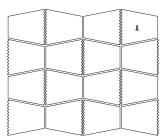




VALENCIA

DESCRIPTION: Fire pit **TEXTURE:** Split Face and Aged

PALLET OVERVIEW





TECHO-BLOC WARRANTY APPLIES TO BRANDON STONES
THE WARRANTY **DOES NOT APPLY** TO ACCESSORY KIT

NOTES

A Spark screen should always cover the fire bowl when the fireplace is in use.

Insert sold separately. Techo-Bloc is not responsible for any damages to the firepit if it is not installed with a sleeve or accessory kit. The firepit is not designed for large fires. Fire should be contained at least 6" away from the firepit wall blocks. Overheating could lead to heat damage to the firepit components.

See 123 for more technical information.

Gas insert kit available and sold separately (Natural Gas or Liquid Propane).

The kit includes: Brass Burner (180K BTU), Aluminum Plate, Ignition control (push button), collars, vents, aluminum cover and black lava rock.

Specifications per pallet	Imperial	Metric
Cubing	80 units	80 units
Approx. Weight	1 557 lbs	706 kg
Height	14 ¾ in	375 mm
Exterior Diameter	48 ¹⁵ ⁄ ₁₆ in	1 243 mm
Interior Diameter	29 ½ in	740 mm
Number of rows	5	

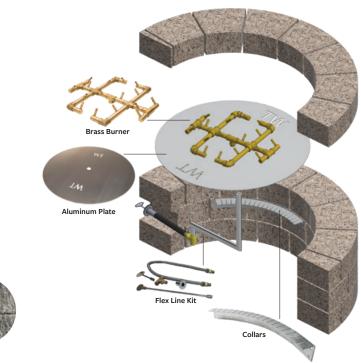


dimensions	in	mm	Units/pallet
Height	2 ¹⁵ / ₁₆	75	80 units
Depth	9 ¹³ / ₁₆	250	
Length	9 ³ / ₄	247	

Insert



Gas Insert

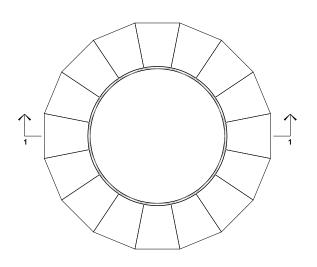


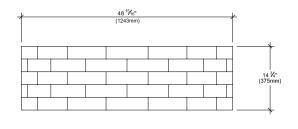






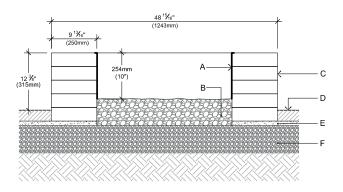
VALENCIA FIRE PIT (KIT)





ELEVATION A

TOP VIEW



SECTION 1-1

- A. STEEL BOX INSERT
- **B.** CLEAN STONE 3/4" (20 mm), 6" (150 mm) THICK
- C. VALENCIA BLOCK
- **D.** TECHO-BLOC PAVERS OR SLABS
- E. SETTING BED 1" (25 mm)
- **F.** COMPACTED GRANULAR BASE 0-3/4" (0-20 mm)

QUANTITY OF MATERIALS REQUIRED

- Valencia block: 80

NOTE: Secure the blocks using a heat resistant concrete adhesive. The installer must ensure that the installation and use of the fire pit comply with local regulations and code requirements.

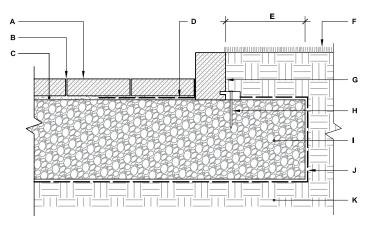
Consult our Installation Guide in our website for a detail step by step installation.

EDGES

EDGES & BORDERS

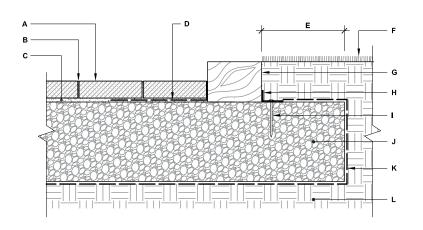


INTERLOCKING CONCRETE PAVEMENT



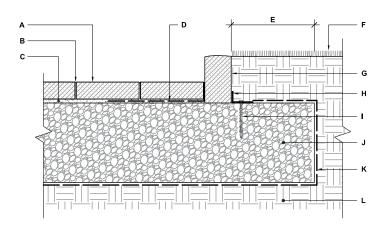
- **A.** TECHO-BLOC PRECAST CONCRETE PAVER 2 3/8" (60 mm) THICK MIN.
- B. FLEXLOCK POLYMERIC SAND JOINT
- **C.** SAND SETTING BED (CONCRETE SAND) 1" (25 mm)
- D. GEOTEXTILE 12" (300 mm) WIDE
- **E.** EXTRA WIDTH EQUAL TO FOUNDATION THICKNESS
- F. LAWN
- G. TECHO-BLOC AVIGNON EDGE
- H. NAI
- I. COMPACTED GRANULAR BASE 0-3/4" (0-20 mm)
- J. GEOTEXTILE
- K. SUBGRADE

TYPICAL PAVER CROSS SECTION WITH AVIGNON EDGE



- **A.** TECHO-BLOC PRECAST CONCRETE PAVER $2\frac{3}{8}$ " (60 mm) THICK MIN.
- B. FLEXLOCK POLYMERIC SAND JOINT
- C. SAND SETTING BED (CONCRETE SAND) 1" (25 mm)
- D. GEOTEXTILE 12" (300 mm) WIDE
- E. EXTRA WIDTH EQUAL TO FOUNDATION THICKNESS
- F. LAWN
- G. TECHO-BLOC BOREALIS EDGE
- H. PLASTIC EDGE
- I. NAIL
- J. COMPACTED GRANULAR BASE 0-3/4" (0-20 mm)
- K. GEOTEXTILE
- L. SUBGRADE

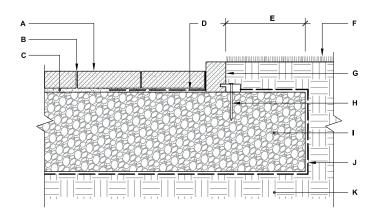
TYPICAL PAVER CROSS SECTION WITH BOREALIS EDGE



- A. TECHO-BLOC PRECAST CONCRETE PAVER 2 \(^{3}\)8" (60 mm) THICK MIN.
- B. FLEXLOCK POLYMERIC SAND JOINT
- **C.** SAND SETTING BED (CONCRETE SAND) 1" (25 mm)
- **D.** GEOTEXTILE 12" (300 mm) WIDE
- E. EXTRA WIDTH EQUAL TO FOUNDATION THICKNESS
- F. LAWN
- **G.** TECHO-BLOC BRANDON EDGE
- H. PLASTIC EDGE
- I. NAIL
- J. COMPACTED GRANULAR BASE 0-3/4" (0-20 mm)
- K. GEOTEXTILE
- L. SUBGRADE

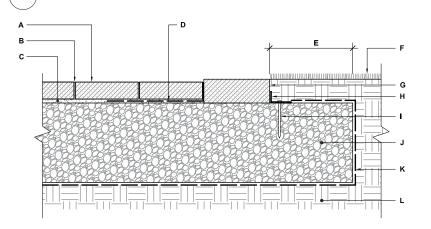
TYPICAL PAVER CROSS SECTION WITH BRANDON EDGE

INTERLOCKING CONCRETE PAVEMENT

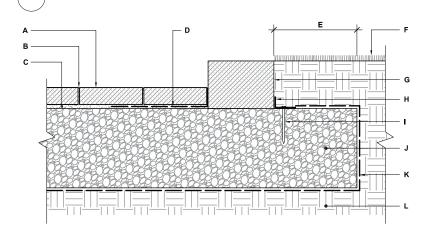


TYPICAL PAVER CROSS SECTION WITH PIETRA EDGE

- **A.** TECHO-BLOC PRECAST CONCRETE PAVER $2\frac{3}{8}$ " (60 mm) THICK MIN.
- B. FLEXLOCK POLYMERIC SAND JOINT
- **C.** SAND SETTING BED (CONCRETE SAND) 1" (25 mm)
- D. GEOTEXTILE 12" (300 mm) WIDE
- **E.** EXTRA WIDTH EQUAL TO FOUNDATION THICKNESS
- F. LAWN
- **G.** TECHO-BLOC PIETRA EDGE
- H. NAIL
- I. COMPACTED GRANULAR BASE 0-3/4" (0-20 mm)
- J. GEOTEXTILE
- K. SUBGRADE



- A. TECHO-BLOC PRECAST CONCRETE PAVER 2 3/8" (60 mm) THICK MIN.
- B. FLEXLOCK POLYMERIC SAND JOINT
- **C.** SAND SETTING BED (CONCRETE SAND) 1" (25 mm)
- **D.** GEOTEXTILE 12" (300 mm) WIDE
- **E.** EXTRA WIDTH EQUAL TO FOUNDATION THICKNESS
- F. LAWN
- G. TECHO-BLOC RAFFINATO 90 mm EDGE
- H. PLASTIC EDGE
- I. NAIL
- J. COMPACTED GRANULAR BASE 0-3/4" (0-20 mm)
- **K.** GEOTEXTILE
- L. SUBGRADE

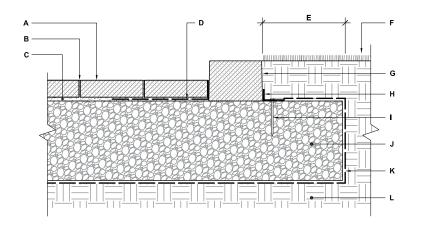


TYPICAL PAVER CROSS SECTION WITH RAFFINATO 90 mm EDGE

- **A.** TECHO-BLOC PRECAST CONCRETE PAVER 2 3/8" (60 mm) THICK MIN.
- **B.** FLEXLOCK POLYMERIC SAND JOINT
- **C.** SAND SETTING BED (CONCRETE SAND) 1" (25 mm)
- **D.** GEOTEXTILE 12" (300 mm) WIDE
- **E.** EXTRA WIDTH EQUAL TO FOUNDATION THICKNESS
- F. LAWN
- **G.** TECHO-BLOC RAFFINATO 180 mm EDGE
- H. PLASTIC EDGE
- I. NAI
- J. COMPACTED GRANULAR BASE 0-3/4" (0-20 mm)
- K. GEOTEXTILE
- L. SUBGRADE

TYPICAL PAVER CROSS SECTION WITH RAFFINATO 180 mm EDGE

INTERLOCKING CONCRETE PAVEMENT



TYPICAL PAVER CROSS SECTION WITH RÖCKA EDGE

- **A.** TECHO-BLOC PRECAST CONCRETE PAVER $2\frac{3}{8}$ " (60 mm) THICK MIN.
- B. FLEXLOCK POLYMERIC SAND JOINT
- **C.** SAND SETTING BED (CONCRETE SAND) 1" (25 mm)
- **D.** GEOTEXTILE 12" (300 mm) WIDE
- **E.** EXTRA WIDTH EQUAL TO FOUNDATION THICKNESS
- F. LAWN
- **G.** TECHO-BLOC RÖCKA EDGE
- H. PLASTIC EDGE
- I. NAIL
- J. COMPACTED GRANULAR BASE 0-3/4" (0-20 mm)
- K. GEOTEXTILE
- L. SUBGRADE

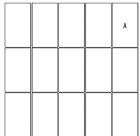




AVIGNON

DESCRIPTION: Edge **TEXTURE:** Chiseled top and one sculpted side

PALLET OVERVIEW







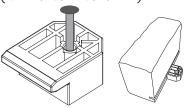
NOTES

The Avignon and Pietra edges come with a plastic edge restraint system that can receive an 8'' or 10'' (200 mm or 250 mm) nail.

The edge restraint is easily inserted in the back groove of the block and secures the block in place with the use of an 8" or 10" (200 mm or 250 mm) nail. Nail is not included.

See 125 for more technical information.

PLASTIC EDGE RESTRAINT SYSTEM. (NAIL IS NOT INCLUDED)



Specifications per pallet	Imperial	Metric
Cubing	90 units	90 units
Linear coverage per pallet	90 lin. ft	27.44 lin. m
Approx. Weight	2 785 lbs	1 263 kg
Number of rows	6	
Linear coverage per row	15 lin. ft	4.57 lin. m
	1 lin. ft = 1 unit	1 lin. m = 3.28 units









BOREALIS

DESCRIPTION: Edge **TEXTURE:** Wood

PALLET OVERVIEW

A	





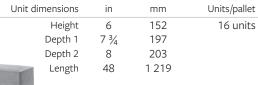
NOTES

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

See 125 for more technical information.

Specifications per pallet	Imperial	Metric
Cubing	32 ft ²	2.97 m ²
Linear coverage per pallet	64 lin. ft	19.51 lin. m
Approx. Weight	3 042 lbs	1 380 kg
Number of rows	4	
Coverage per row	8 ft ²	0.74 m ²
Coverage per unit	2 ft ²	0.19 m ²
Linear coverage per unit	4 lin. ft	1.22 lin. m









BRANDON

DESCRIPTION: Edge **TEXTURE:** Slate

PALLET OVERVIEW

L	В		JL		С		JL	Α	╝
	Α][В			C		ℶ
		C			A	D(В	ľ
	В				C			A	
	A			В			C		\Box
		C][A			В]
	В				С			Α	
	Α			В			C		
		C			A			В]
	В][C			Α]
Г	A	$\neg \Gamma$		В	7		C		7



NOTES

See 126 for more technical information.

Specifications per pallet	Imperial		Metric	
Cubing	140.75 lir	ո. ft	42.90	in. m
Approx. Weight	3 513 lbs		1 593 l	⟨g
Number of rows	4			
Linear coverage per row	35.19 lin.	ft	10.73	in. m
	dimensions	in	mm	Units/pallet
H A	Height	7 1/16	180	44 units
	Depth	3 15/16	100	
_	Length	8 1/8	225	
В	Height	7 ½16	180	44 units
The state of the s	Depth	3 15/16	100	
	Length	12 ¹³ / ₁₆	325	
C	Height	7 ½	180	44 units
The state of the s	Depth	3 15/16	100	
	Length	16 ¾	425	

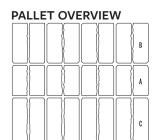


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PIETRA

DESCRIPTION: Edge **TEXTURE:** Split Face and Aged





NOTES

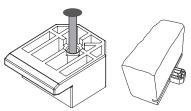
The Avignon and Pietra edges come with a plastic edge restraint system that can receive an 8″ or 10″ (200 mm or 250 mm) nail.

The edge restraint is easily inserted in the back groove of the block and secures the block in place with the use of an 8% or 10% (200 mm or 250 mm) nail. Nail is not included.

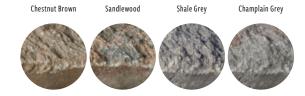
See 126 for more technical information.

PLASTIC EDGE RESTRAINT SYSTEM.

(Nail is not included)



Specifications per pallet	Imperial		Metric	
Cubing	96 lin. ft		29.20 li	n. m
Approx. Weight	1 277 lbs		579 kg	
Number of rows	4			
Linear coverage per row	24 lin. ft		7.32 lin	. m
(Average)	1 lin. ft = 1	unit	1 lin. m	= 3.28 units
	it dimensions	in	mm	Units/pallet
D H A	Height Depth Length	3 1/8	114 80 225	32 units
	Depth	4 ½ 3 ½ 11 ¹³ ⁄ ₁₆	114 80 300	32 units
	Height Depth Length	3 1/8	114 80 375	32 units

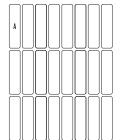




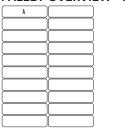
RAFFINATO 90 mm

DESCRIPTION: Edges **TEXTURE:** Smooth or Polished

PALLET OVERVIEW - SMOOTH



PALLET OVERVIEW - POLISHED





NOTES

See 126 for more technical information.

Polished is made-to-order, with a minimum order of 500 sq. ft. of Raffinato Polished wall. Deposit required.

*Shale Grey is only available in Canada.

Specifications per pallet		Imperial	Metric
mm (OTH	Cubing	48 units	48 units
86	Approx. Weight	1 548 lbs	702 kg
S	Number of rows	2	

<u></u>	٨	Unit dimensions	in	mm	Units/pallet
L D	А	Height	3 %16	90	48 units
		Depth	9 13/16	249	
		Length	14 1/8	359	

Speci	fications per pallet	Imperial	Metric
mm ED	Cubing	40 units	40 units
90 mm LISHED	Approx. Weight	1 559 lbs	707 kg
POI	Number of rows	2	



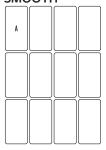




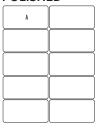
RAFFINATO 180 mm

DESCRIPTION: Edges **TEXTURE:** Smooth or Polished

PALLET OVERVIEW - 180 MM SMOOTH



PALLET OVERVIEW - 180 MM POLISHED





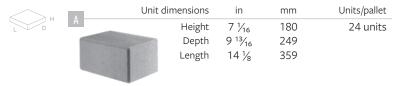
NOTES

See 127 for more technical information.

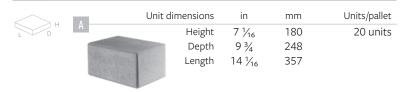
Polished is made-to-order, with a minimum order of 500 sq. ft. of Raffinato Polished wall. Deposit required.

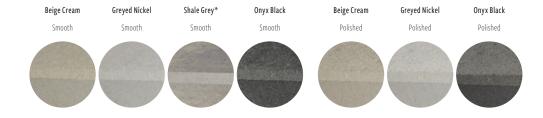
*Shale Grey is only available in Canada.

Speci	fications per pallet	Imperial	Metric
mm (OTH	Cubing	24 units	24 units
180 M	Approx. Weight	1 529 lbs	694 kg
S	Number of rows	2	



Specifications per pallet		Imperial	Metric
ED ED	Cubing	20 units	20 units
180 mm POLISHED	Approx. Weight	1 557 lbs	706 kg
9	Number of rows	2	







RÖCKA

DESCRIPTION: Edge **TEXTURE:** Natural stone (Fossil stone)

PALLET OVERVIEW - ROW 1

A	В	
A	В	
C		
A	В	

PALLET OVERVIEW - ROW 2

A	В
	C
A	В
A	В

PALLET OVERVIEW - ROW 3

	С
A	В
A	В
	C



NOTES

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

NOTES

See 127 for more technical information.

Specifications per pallet		Imperial	Metric
Cubing		19.88 ft ²	1.85 m ²
Approx. Weight		1 860 lbs	844 kg
Number of rows		3	
Coverage per row		6.63 ft ²	0.62 m ²
Coverage per unit	А	0.55 ft ²	0.05 m ²
	В	1.10 ft ²	0.10 m ²
	В	1.66 ft ²	0.15 m ²
Linear coverage per pallet		39.75 lin. ft	12.12 lin. m

D2	Unit dir	mensions	in	mm	Units/pallet
L D1	А	Height	6	152	8 units
	Col more	Depth 1	7 3/4	197	
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Depth 2	8	203	
		Length	13 1/4	337	
В					
ь		Height	6	152	8 units
- 1	The state of the s	Depth 1	7 3/4	197	
1		Depth 2	8	203	
		Length	26 ½	673	
(
	The state of the s	Height	6	152	4 units
The state of	181	Depth 1	7 3/4	197	
The state of the s	SALVE OF STREET	Depth 2	8	203	

39 3/4

1 010



WALLS

WALLS, PILLARS & PLANTERS



PHYSICAL AND GEOMETRICAL CHARACTERISTICS

CHARACTERISTIC	CS .	ASTM C 1372	TECHO-BLOC					
Compressive streng	gth	3 000 psi [21 MPa] min.	5 050 psi [35 MPa] min.					
Water absorption		13 lb/ft³ [208 kg/m³] max	9 lb/ft³ [144 kg/m³] max.					
Freeze-thaw durabili	ty	Mass loss (max.): 1% at 100 cycles, or Mass loss (max.): 1.5% at 150 cycles	Mass loss (max.): 1% at 100 cycles, or Mass loss (max.): 1.5% at 150 cycles					
	length	<u>+</u> ½" [3.2 mm]	± 1/8" [3.2 mm]					
Dimension width		<u>+</u> ½" [3.2 mm]	<u>+</u> ½" [3.2 mm]					
tolerance	height	<u>+</u> ½" [3.2 mm]	± 1/8" [3.2 mm]					

Notes: 1. The dimension tolerance is not applicable to split facings or other architectural finish.

- ² The dimensional tolerance for Stonedge wet cast retaining wall units is: $\pm \frac{3}{16}''$ (5 mm) for height and $\pm \frac{1}{2}''$ (13 mm) for length and width.
- 3. During the installation, the level between adjacent wall units will vary (usually more than for a dry cast wall unit) in order to obtain a more realistic appearance of a natural stone wall. Stonedge collection of wet cast wall units include, but are not limited to, the following: Borealis, Prescott, Röcka and Travertina Raw wall units.

APPLICATION CHART

									Re	taining W	alls						or Fire	
	Depth	(Nominal)			Align	nment	Туріса	l Height R	ange ⁽³⁾	Gra	vity		ackfill				Feat	ures
Product	mm	in.	Batter	Connector Type	Straight Wall	Curved Wall	Landscape up to 1.5-4 ft	Midsize up to 8-10 ft	Heavy Duty 10 ft and above	Single Depth	Multi Depth	Geogrid Reinforced	Pervious Concrete Backfill	Freestanding Walls	Pillars	Steps	Fire Pit	Grill Island
Borealis	152	6	0°(1),(2)		Х		Х			Х				Х			X ⁽⁵⁾	X ⁽⁵⁾
Brandon	250	9 13/16	0°; 4.4° ⁽¹⁾	HDPE Vertical Key (Short)	Х	Х		Х		Х		Х	Х	Х	χ(4)	Х	X(6)	X ⁽⁵⁾
Fascia	263	10 3/8	0°; 5.3° ⁽¹⁾	HDPE Horizontal Key & Front Lip	Х		Х			Х		Х	Х	Х	Х	Х		
G-Force	290	11 7/16	3.9°	HDPE Vertical Key (Long)	Х	Х			Х	Х		Х	Х		χ ⁽⁴⁾	Х	X ⁽⁵⁾	
Graphix	205 - 280	8 1/16 - 11	Variable	HDPE Horizontal Key	Х			Х		Х		Х	Х	Х	Х	Х		
Mini-Creta	250	9 13/16	0°; 5.3° ⁽¹⁾	HDPE Horizontal Key	Х	Х		Х		Х		Х	Х	Х	χ(4)	Х	X ⁽⁵⁾	X ⁽⁵⁾
Prescott	250	9 13/16	0°; 4.5° ⁽¹⁾	HDPE Vertical Key (Short)	Х	Х	Х			Х		Х		Х	χ(4)	Х	X ⁽⁶⁾	
Raffinato	249	9 13/16	0°; 4.4°(1)	HDPE Vertical Key (Short)	Х	Х		Х		Х		Х	Х	Х	χ(4)	Х	X ⁽⁶⁾	X ⁽⁵⁾
Röcka	203	8	0°(1),(2)		Х		Х			Х				Х			X ⁽⁵⁾	X ⁽⁵⁾
Semma	279	11	0°; 7.6° ⁽¹⁾	HDPE Horizontal Key	Х	Х			Х	Х		Х	Х	Х	χ(4)	Х	X ⁽⁵⁾	
Skyscraper ⁽⁹⁾	590 - 1220	23 1/4 - 48 1/16	0.8°; 12.7°	Precast Concrete Key	Х	Х			Х		Х							
Travertina Raw	202	7 15/16	0°; 5.2° ⁽¹⁾	HDPE Vertical Key (Short)	Х		Х			Х				Х	χ ⁽⁴⁾	Х		

⁽¹⁾ For 0° degree (vertical) batter retaining walls, it is recommended a slight positive batter achieved by tilting the top surface of the leveling pad from front to back. This will accommodate forward rotation of the wall during or after installation.

- $^{(2)}$ Alternatively to tilting the leveling pad, an offset of 1/4'' (6 mm) min. per row could be used instead.
- $^{(3)}$ These typical height ranges may require geogrid. Contact our Technical Support for assistance.
- (4) Available Corner/Pillar units, sold separately.
- (5) Installation drawing available.
- (6) Not pre-assembled kits available.
- (7) Pre-assembled kits available.
- (8) UL-127 & ULC-S610 Compliant
- (9) Mechanical installation required.

GRAVITY RETAINING WALL CHARACTERISTICS - RESIDENTIAL

The chart below provides general information for residential garden walls based on optimal conditions (see Note 2 below). Contact our Technical Service department if your project requires a higher wall, conditions are not optimal or for commercial applications.

		MAXIMUN	M TOTAL	HEIGHT (II	NCLUDIN	G EMBED	MENT) WIT	HOUT SU	JRCHARG	E OR SLO	PΕ		MINI	MUM		
WALL			INCLINE	.D					VERT	ICAL				NAGE UMN	MINI	MIIM
PRODUCT	ANGLE	SETE	BACK				ANGLE	SETE	BACK			WIE		RADIUS		
	(°)	mm	in.	ROWS	mm	in.	(°)	mm	in.	ROWS	mm	in.	mm	in.	m	FT
BOREALIS		-	-	-	-	-	0.0	0.0	0	3	457	18	400	16	-	
BRANDON 90 mm	4.4	7.0	1/4	8	720	28	0.0	0.0	0	6	540	21	350	14	2.3	7′-6″
BRANDON 180 mm	4.4	14.0	%16	4	720	28	0.0	0.0	0	3	540	21	350	14	2.3	7′-6″
FASCIA	5.3	14.0	%16	5	750	30	0.0	0.0	0	4	600	24	350	14		
GRAPHIX	VARIABLE			8	600	24	-		-	-	-		350	14	-	
G FORCE	3.9	14.0	%16	4	813	32	-		-	-	-		300	12	3.0	9′-10″
MINI-CRETA 3"	5.3	7.0	1/4	10	750	30	0.0	0.0	0	8	600	24	350	14	2.1	7′-0″
MINI-CRETA 6"	5.3	14.0	9/16	5	750	30	0.0	0.0	0	4	600	24	350	14	2.1	7′-0″
PRESCOTT 2.25"	4.5	4.5	3/16	14	800	32	0.0	0.0	0	12	686	27	350	14	1.6	5′-2″
PRESCOTT 4.5"	4.5	9.0	3/8	7	800	32	0.0	0.0	0	6	686	27	350	14	1.6	5′-2″
RAFFINATO 90 mm	4.4	7.0	1/4	8	720	28	0.0	0.0	0	6	540	21	350	14	2.6	8′-6″
RAFFINATO 180 mm	4.4	14.0	9/16	4	720	28	0.0	0.0	0	3	540	21	350	14	2.6	8′-6″
RÖCKA	-	-	-	-	-	-	0.0	0.0	0	3	457	18	400	16	-	
SEMMA	7.6	20.0	13/16	6	900	35	0.0	0.0	0	4	600	24	330	13	2.1	7′-0″
SKYSCRAPER	12.7	68.5	2 11/16		E SKYSCRAPER ESIGN CHART		0.8	4.5	3/16		E SKYSCRAPER ESIGN CHART		300	12	INSIDE 5.5 OUTSID 11.0	18'-0"
TRAVERTINA RAW	5.2	14.0	9/16	5	762	30	0.0	0.0	0	4	610	24	400	16	-	

- [1] The total height does not include the cap thickness. The total height measurement refers to the vertical distance between the top of the leveling pad (aggregate base) and the top of the uppermost course.
- [2] The optimal conditions assumed for the development of this chart are the following: (i) The retained soil type is granular with an internal friction angle of 36 degrees; (ii) There is no presence of load applied or slope above the wall; and (iii) An adequate drainage system is provided to the wall system.
- [3] The minimum radius is measured from the center of the circle to the outer face of the wall. It corresponds to the lowest course in an internal curve and to the uppermost course in an external curve.

SUMMARY OF CHARACTERISTICS

		F	REESTANDIN	G WALL			PILLARS						
Type of wall	MAXIMU	M EXPOSED	MII	NIMUM WA	LL RADIUS [4	1]	MAXIMUM PERMISSIBLE HEIGHT [2,3,5]						
type of main	HEIG	HT [2,3]	insi	de	Outs	ide	Exp	osed	Total				
	mm	in	mm	in	mm	in	mm	in	mm	in			
Borealis	612	24"	-	-	-	-	-	-	-	-			
Brandon 90 mm [6]	750	29 7/16"	1538	61"	1788	70″	930	36 ½"	1080	42 ½"			
Brandon 180 mm [6]	750	29 7/16"	1538	61″	1788	70″	930	36 ½"	1080	42 ½"			
Fascia Wall Collection	600	23 ½"	-	-	-	-	750	29 7/16"	900	35 7/16"			
Graphix	600	23 ½"	-	-	-	-	1050	41 ¼″	1200	47 1/4"			
G Force	-	-	-	-	-	-	1069	42"	1219	48"			
Mini-Creta 3" [6]	750	29 7/16"	907	36"	1158	46"	1050	41 ¼″	1200	47 1/4"			
Mini-Creta 6" [6]	750	29 7/16"	907	36"	1158	46"	1050	41 ¼″	1200	47 1/4"			
Prescott 2.25" [6]	650	25 ½″	863	34"	1114	44"	993	39"	1143	45″			
Prescott 4.5" [6]	650	25 ½″	863	34"	1114	44"	993	39"	1143	45″			
Raffinato 90 mm [6]	750	29 7/16"	2259	89"	2510	99"	930	36 ½"	1080	42 ½"			
Raffinato 180 mm [6]	750	29 7/16"	2259	89"	2510	99″	930	36 ½"	1080	42 ½"			
Röcka	612	24"	-	-	-	-	-	-	-	-			
Semma [6]	750	29 7/16"	519	20"	807	32"	1050	41 ¼″	1200	47 1/4"			
Travertina Raw [6]	612	24"	-	-	-	-	917	36"	1067	42"			

- [1] Vertical Retaining walls are constructed without any face inclination or setback.
- [2] Heigths do not include cap thickness.
- [3] Total Height is the vertical distance measured from the top of the footing (aggregate base) to the top of the uppermost course.
 - Exposed Height is the vertical distance measured from the finished grade at the bottom of the wall to the top of the uppermost course. It does not include the wall depth below grade (embedment).
- $\begin{tabular}{ll} [4] & Freestanding Minimum Wall radius based on the shortest tapered unit. \end{tabular}$
- [5] The maximum height does not necessarily correspond to the amount of blocks in a pallet.
- [6] Pillar units sold separately.

PRELIMINARY DESIGN ASSISTANCE - REQUEST FORM FOR DESIGN PROFESSIONALS, ENGINEERS AND CONTRACTORS

Techo-Bloc can help you in your preliminary design of retaining walls. However, preliminary design should only be used to assess the suitability of a wall system to a specific project or for estimating budget costs. For final construction designs, please contact a qualified engineer in your area.

Techo-Bloc Sales Representative			Date
CUSTOMER TYPE: Landscape Architect Engineer Contra	actor Other:		Are you a Techo-Pro? Yes No
1. GENERAL PROJECT INFORMATION			
Project Name	Address		
Contact	E-mail		
Entreprise	Telephone		State/Province
			Postal Code
2. PROJECT SPECIFICATIONS		·	ostal code
Type: Industrial Commercial Institutional Residential	Information	date requiredU	Units (metric or imperial)
2.1 SPECIAL CONSIDERATIONS	Maximum available space behind wall:		Maximum required reestanding wall portion:
3. GENERAL INFORMATION ON WALLS		4. TYPE OF SOIL	If a soil report is available, attach it to this request.
*Include only the Retaining portion of the wall. Freestanding portion must be Project Specification. *If a grading plan is available, include it with this request (drawing should igrade lines and loads). Otherwise clear and detailed sketches must be proved.	be included in section 2.1 under ndicate the location of the wall,	☐ God (Graw ☐ Med (Fine ☐ Poc (Low	rced soil Lirred Lior plasticity silts & clays) Lirred Low plasticity silts & clays) Lirred Liors Low plasticity silts & clays) Liors Other: Other:
3.2 TIERED WALL Backslope: Horizontal run Vertical rise Platform between walls: U	☐ Setback position ☐ Near vertical position pper wall:	5. SURCHARGE AI	
Vertical rise (above	k product /all height ground) /all lenght	☐ ROUTE ☐ PARKING / ALLEY FOR HEAVY VEHICULES ☐ PARKING / ALLEY FOR	
Bloc W (above	ower wall: k product All height ground) All lenght	LIGHT VEHICULES SWIMMING POOL PAVED SURFACE LAWN OTHER	

Vertical rise _

COMPATIBILITY CHART

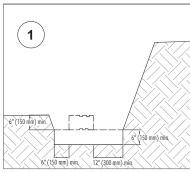
Walls & Pillars								Ca	ps							
	Architectural cap	Brandon cap	Bullnose	Bullnose Grande	Graphix cap	Pacific cap	Piedimonte	Piedimonte 28"×28"	Portofino	Raffinato 60 mm	Raffinato 90 mm	Travertina Raw12"×30"	Travertina Raw14"×28"	York	York 28"×28"	York 32"×32"
Borealis (does not require a cap)																
Brandon 90 & 180 mm		х	х	х		х	х		х	х	х	х	х	х		
Brandon 90 & 180 mm pillar								х		х	х		х		х	
Fascia Wall Collection - single-sided	х	х	х	х	х	х	х		х	х	х	х	х	х		
Fascia Wall Collection - double-sided									х							
G-Force					х		х			х	х	x	х			
Graphix					х		х			х	х	х	х			
Mini-Creta Collection	x	х	х	х		х	х		х	х	х	х	х	х		
Mini-Creta Pillar 24" Collection								х		х	х		х		х	
Prescott Collection							х		х	х	х	х	х	х		
Prescott Pillar Collection								х		х	х		х		х	
Raffinato Collection				х	х		х			х	х	х	х			
Raffinato Pillar Collection								х		х	х		х			
Röcka (does not require a cap)																
Semma	х	х	х		х	х	х		х	х	х	х	х	х		
Semma Pillar										х			х			х
Skyscraper										х	х					
Travertina Raw	x	х	х	х	х	х	x		х	х	х	х	х	х		
Travertina Raw pillar										х	х		х		х	

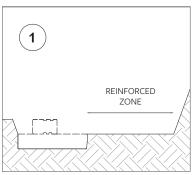
 ${\sf NOTE:}\ {\sf The\ combinations\ shown\ in\ this\ chart\ are\ not\ complete}.\ {\sf Other\ possible\ combinations\ exist.}$

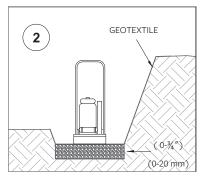
Applications										Ca	ps									
	Architectural cap	Bali Travertina Raw	Brandon cap	Bulinose	Bulinose Grande	Graphix cap	Pacific cap	Piedimonte 14″x30″	Piedimonte 28"x28"	Portofino	Raffinato 60 mm	Raffinato 90 mm	Travertina Raw 14"x28"	York wall caps 16", 32", 48"	York 14"x48"	York 24"x36"	York 28"x28"	York 32"x32"	Blu 45 mm	Venetian
Step	X		х	х	х	Х		х		х	х	х	х	х	х					
Concrete & step overlay system							х												х	х
Pool coping		х		х	х		х	х		х	х	х	х	х						
Wall single-sided	х		х	х	х	х	х	х		х	х	х	х	х	х					
Wall double-sided	х					х		х		Х	х	х	х	х	х					
Counter top								х	х					х		х	х	х		
Pillar									Х		х		х				х	х		

RETAINING WALLS

Installation outline







01 EXCAVATION

- A. Check the location of existing structures and utilities before starting the excavation.
- B. Dig out a trench. Its depth should be calculated according to the thickness of the leveling pad and the burial depth of the wall.
- C. Plan for a thickness of at least 6" (150 mm) for the leveling pad and consider that at least 10% of the height of the wall should be buried in the ground. In all cases, the wall must be buried no less than 6" (150 mm) deep.
- In determining the width of the trench, allow for a space of at least 6" (150 mm) at the front of the wall and 12" (300 mm) at the back. Compact and level the excavation base.



FOR GEOGRID REINFORCED RETAINING WALLS

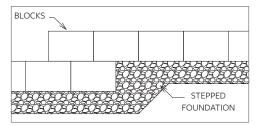
The excavation must also take into account the legth of geogrid.

02 FOUNDATION

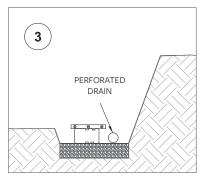
- A. Cover the base and back of the trench with a geotextile. Extend the geotextile towards the back of the excavation and eventually above the drainage fill once it is in place close to the top of the wall.
- B. Next, spread the 0-3/4" (0-20 mm) stone in the trench and compact using a vibratory plate or jumping jack, ensuring that the surface is level. The compacted leveling pad must be at least 6" (150 mm) thick.

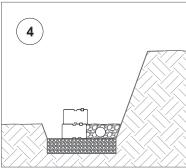
NOTE FOR STEPPED FOUNDATION

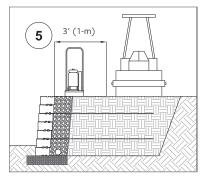
A wall built on an incline requires stepped foundations. For steep inclines, several steps may be required. Construction should start at the lowest level. Each of the steps must follow a level horizontal path and the vertical distance separating the successive steps must equal the height of a block.



RETAINING WALLS







03 BUILDING THE FIRST COURSE

- A. Using blocks of the same height, place the first course on the compacted leveling pad according to the predetermined layout. Check the alignment and leveling in all directions and make sure that all the blocks are in full contact with the leveling pad and properly supported.
- B. Place the exposed surfaces of the blocks side by side. There must be no space between the exposed faces of adjacent blocks.
- C. At the back of the wall and on the compacted leveling pad, lay a 4" (100 mm) diameter perforated drain. Connect this drain to the existing drainage system so that it clears the water accumulated behind the wall.

04 BACKFILLING

Backfill at the rear of the wall and the space between the back of the blocks with $\frac{3}{4}$ " (20 mm) clean stone. Use a minimum of 12" (300 mm) of clean stone behind the wall unit, but not less than a minimum of 24" (600 mm) from the face of the wall. Level and settle the clean stone. Any cavities in the blocks must also be filled with clean stone.

05 SUBSEQUENT COURSES

- A. Clean the top of each block before laying the next course. Depending on the type of block, install the connectors on the extremity of each block.
- B. Lay the subsequent courses, backfilling at the rear of the wall every 8" (200 mm maximum, using the same method outlined in step 4.
- C. Make sure the subsequent courses are laid such that the vertical seams are aligned with the blocks below.



FOR GEOGRID REINFORCED RETAINING WALLS

Where geogrids are to be used, cover the clean stone with a geotextile. Select the geogrid according to the type, level and appropriate length. Position the geogrid according to the main reinforcement direction perpendicular to the wall. The geogrid must be continuous all along its embedment length. Splicing of the geogrid in the main reinforcement direction is not permitted. The geogrid must be installed horizontally over the compacted backfill and the previous course of blocks. Fix the connectors on the geogrid and lay the next course of blocks. Pull on the back of the geogrid and maintain its tension by stakes or pins. Repeat with a new section of geotextile and place the reinforced backfill directly behind the drainage fill. Fill and compact up to the level of the blocks.

Heavy equipment must not be used less than 3' (1-m) behind the blocks. Construction equipment must not drive directly over the geogrid. Repeat the various installation steps.

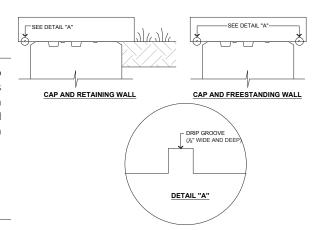
06 FINISHING

Position the course of coping stones (if applicable) or the final course of blocks to complete the wall. The coping stones or final course of blocks must be fixed to the subjacent blocks using concrete adhesive and there must be no space between the blocks.

RETAINING WALLS

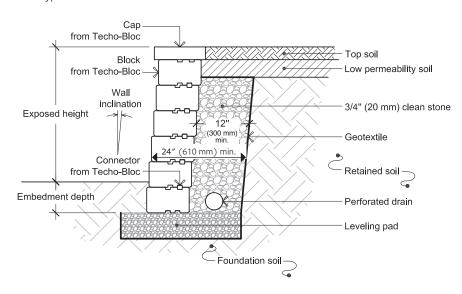
CAP UNIT - DRIP GROOVE

While optional, drip groove applied to the underside of wall cap units is beneficial to reduce the potential of leaving water marks and stains on the wall surface (retaining or freestanding wall). Rain water will run underneath the cap unit, reach the drip groove and fall directly to the ground, instead of continuing to run underneath the cap and down the wall.



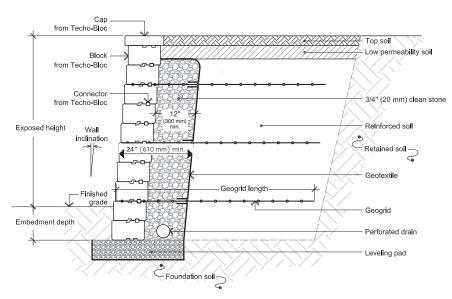
GRAVITY WALL

Typical cross section



GEOGRID REINFORCED WALL

Typical cross section

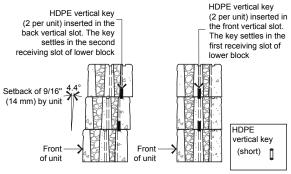


RETAINING WALLS

Anchoring systems

BRANDON 180 mm

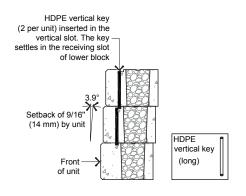
INCLINED WALL VERTICAL WALL



BRANDON 180 mm IS EQUIVALENT TO TWICE THE BRANDON 90 mm

G-FORCE

INCLINED WALL



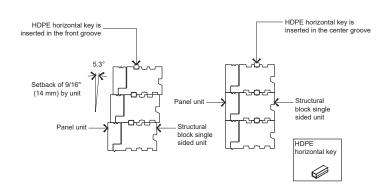
MINI-CRETA 6"

HDPE horizontal key is inserted in the back groove inserted in the back groove Setback of 9/16" Front of unit Front of unit VERTICAL WALL HDPE horizontal key is inserted in the front groove HDPE horizontal key is inserted in the front groove HDPE horizontal key is inserted in the front groove

MINI-CRETA 6" IS EQUIVALENT TO TWICE THE MINI-CRETA 3"

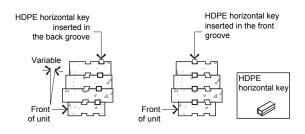
FASCIA WALL COLLECTION

INCLINED WALL VERTICAL WALL

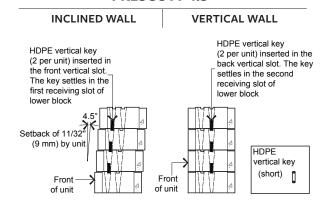


GRAPHIX

RETAINING WALL FREESTANDING WALL



PRESCOTT 4.5"

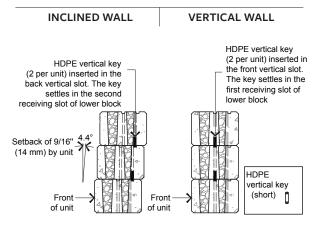


PRESCOTT 4.5" IS EQUIVALENT TO TWICE THE PRESCOTT 2.25"

RETAINING WALLS

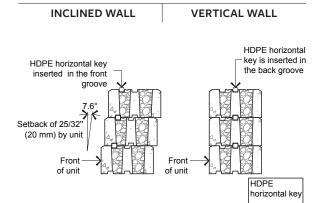
Anchoring systems

RAFFINATO 180 mm

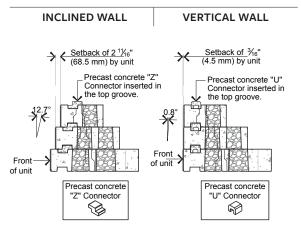


RAFFINATO 180 mm IS EQUIVALENT TO TWICE THE RAFFINATO 90 mm

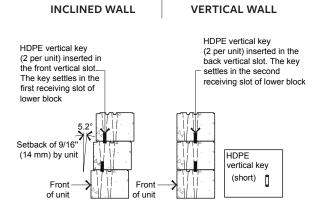
SEMMA



SKYSCRAPER



TRAVERTINA RAW



RETAINING WALLS

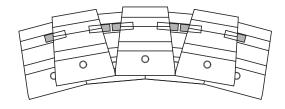
Anchoring system | Connectors in curved wall application

HDPE Horizontal Key

When creating internal curves and the HDPE horizontal keys are in the back groove, two connectors must be installed on each block as illustrated.

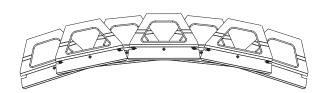
HDPE Vertical Key

When creating curves using HDPE vertical keys adjust placement in field to acheive desired curve.



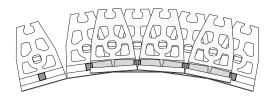
Precast concrete"U" Connector

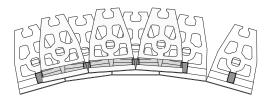
When creating internal curves with the precast concrete "U" connector, place one connector on top center of each lower course block and adjust placement in field to achieve desired curve.



Precast concrete"Z" Connector

When creating internal curves with the precast concrete "Z" connector, place one connector on top center of each lower course block and adjust placement in field to achieve desired curve.

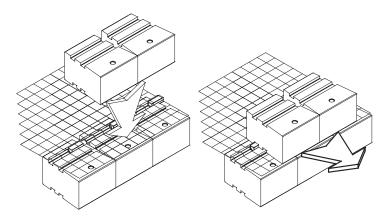




Anchoring system | Connectors in geogrid reinforced wall application

HDPE Horizontal Key

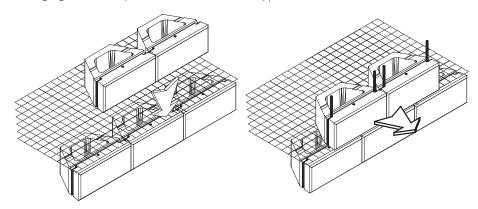
When installing a geogrid, using HDPE horizontal keys, it must be placed above the connectors. The connectors will therefore be placed before the geogrid. After positioning the geogrid, move the block (from the above course) forward until it touches the connectors and ensures that the system is locked.



RETAINING WALLS

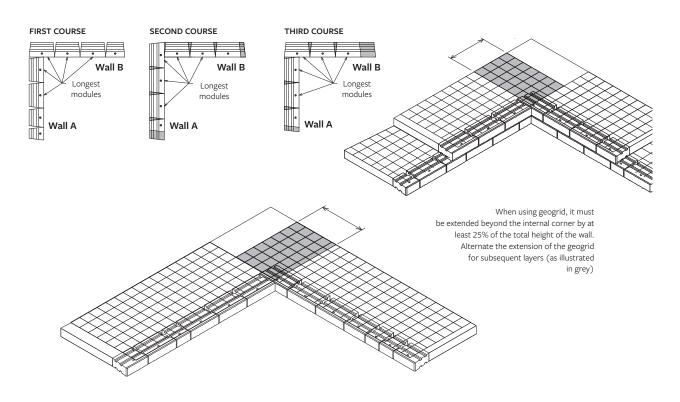
HDPE Vertical Key

When installing geogrid, using HDPE vertical keys, it must be placed immediately above the lower course block. The connectors will be inserted in the vertical slots of the upper course blocks. Ensure that pin all ways settles into the receiving slot of the lower course block and not on the geogrid. Once the pin settles, move forward the upper block until it touches the connectors and ensures that the system is locked.



Internal corner

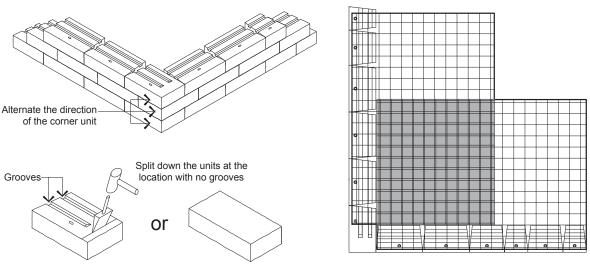
When building a wall with an internal corner, it is recommended to start constructing the wall at the corner and build out from this point in both directions. To form the corner, use the longer modules as illustrated. Build wall B by extending it out from wall A so the end of wall B is aligned with the back of wall A. For subsequent courses, simply alternate the extension of walls A and B.



RETAINING WALLS

External corner

For walls with an external corner, start building the wall from the corner and continue from this point in both directions. For each subsequent course, alternate the direction of the corner unit and secure the corner unit to the block below using concrete adhesive.



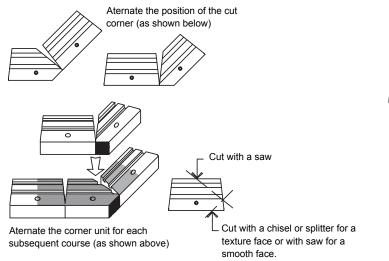
When overlapping two geogrids in the same layer (as illustrated by shaded area) allow at least $3"\ (75\ mm)$ of backfill in between the overlapping section

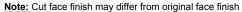
Oblique corner

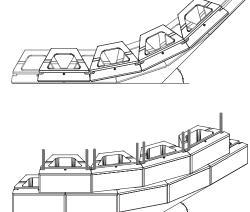
The longer modules should be used to build an oblique external corner. Alternatively, corner can be replaced by a curve.

Use corner unit with finish

already available on the side







Note: Adjust placement in field to achieve desired angle

RETAINING WALLS

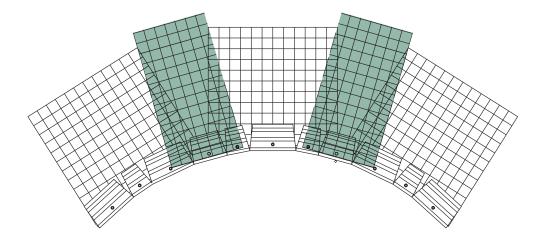
Internal curve

The Techo-Bloc retaining wall system allows walls to be built with internal and external curves. These curves can be achieved without cutting the blocks. You will need to angle the curves according to the minimum radius specified by Techo-Bloc.

When building a wall with an internal curve, it is recommended to start building the wall at the center of the curve and place blocks alternately to the left and right of the central block. If the wall to be constructed requires a setback (inclined wall), each course should be offset to the back and the curve will then become bigger. The minimum radius is therefore that of the first course.



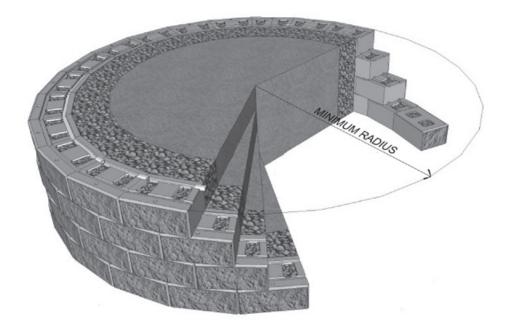
When using geogrid, it must cover 100% of the surface around the curve. To do this, additional layers of geogrid are placed on the next course of blocks to fill voids created from previous course (as illustrated in green).



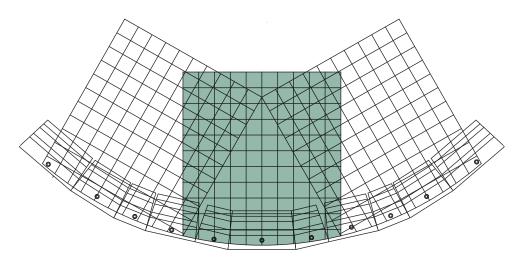
RETAINING WALLS

External curve

When building a wall with an external curve, it is recommended to start building the wall at the center of the curve and place blocks alternately to the left and right of the central block. Unlike internal curves, the external curve gets smaller as courses are added. The minimum radius is therefore that of the last course.



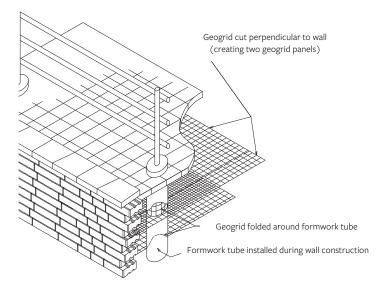
When using geogrid, it must cover 100% of the surface around the curve. To achieve this, additional layers of geogrid are placed on the same course of blocks to fill voids (as illustrated in green). In this case, we recommend at least 3'' (75 mm) of backfill in between the overlapping sections.



RETAINING WALLS

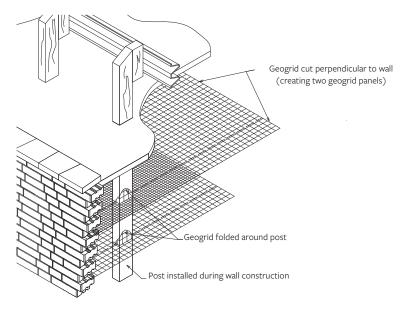
Fencing

Fencing can be erected behind the blocks. Fence posts must be placed in formwork tubes positioned during construction of the wall and then filled with concrete. The geogrid may be cut to accommodate installation of the tubes. Cut the geogrid in alignment with the center of the formwork tube and perpendicular to the wall, thus creating two geogrid panels. Connect the two geogrid panels at the front and back of the formwork tube and bend the geogrid to fit around the formwork.



Guard Rail

As with fencing, a guardrail can be incorporated behind the blocks. The guardrail posts must be installed during construction of the wall. The geogrid is cut perpendicular to the wall and in alignment with the center of the post, thus creating two geogrid panels. These two panels are connected at the front and back of the post. The geogrid can be bent to fit around the post.

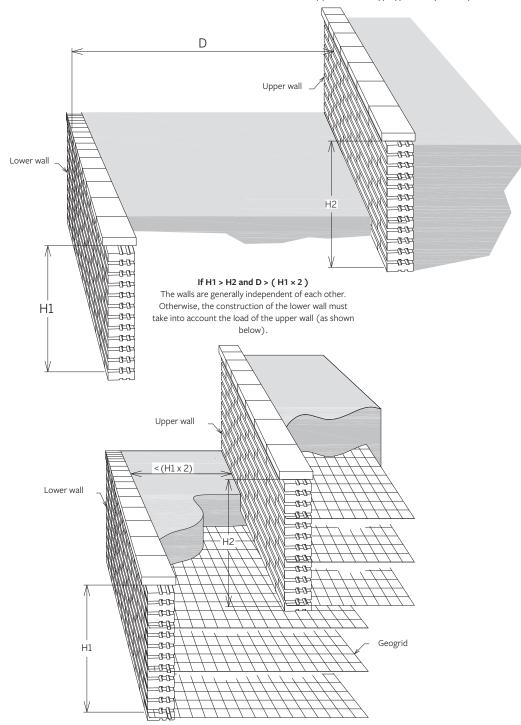


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RETAINING WALLS

Tiered Wall

Although tiered walls look appealing, it is important to take into account the additional load the upper wall applies on the lower wall. If the distance between the walls is at least twice the height of the lower wall, the walls are generally independent of each other. However, if this distance is less the lower wall must be built to take account of the load of the upper wall and geogrids may be required.

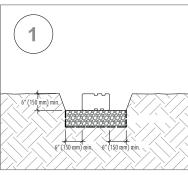


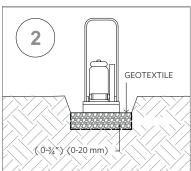
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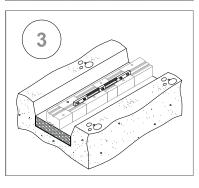
INSTALLATION GUIDE

FREESTANDING WALLS

Installation Outline







01 EXCAVATION

- A. Check the location of existing structures and utilities before starting the excavation.
- B. Dig out a trench. The trench should be 12" wider than the block width (6" (150 mm) at the front and at the back of the wall).
- C. The trench should be a minimum 12" (300mm) deep. This depth will provide 6" (150mm) for the compacted base and a minimum 6" (150mm) free-standing wall embedment.
- D. In areas where unstable soils or one particularly affected by freeze-thaw cycles, a thicker compacted base may be necessary.
- **E.** The foundation soil should be checked to make sure it is firm, level and capable of supporting the freestanding wall.

02 FOUNDATION

A. Cover the excavated area with a geotextile. Create a leveling pad of compacted aggregate base material. The pad should be composed of $0-\frac{3}{4}$ " (0-20 mm) crushed stone with a minimum thickness of 6" (150 mm).

NOTE FOR STEPPED FOUNDATION

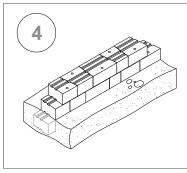
A wall built on an incline requires stepped foundations. For steep inclines, several steps may be required. Construction should start at the lowest level. Each of the steps must follow a level horizontal path and the vertical distance separating the successive steps must equal the height of a block.

03 BUILDING THE FIRST COURSE

- A. Using blocks of the same height, place the first course on the compacted leveling pad according to the predetermined layout. Check the alignment and leveling in all directions and make sure that all the blocks are in full contact with the leveling pad and properly supported.
- **B.** Place the blocks side by side. There must be no space between adjacent blocks. For alignment of straight walls, use a string line aligned on the connector's slots of applicable units, or back of the block of full solid units.
- C. For tapered units, alternate front and back faces to obtain straight walls.

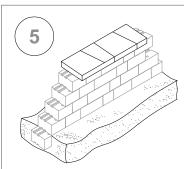
FREESTANDING WALLS

Installation Outline



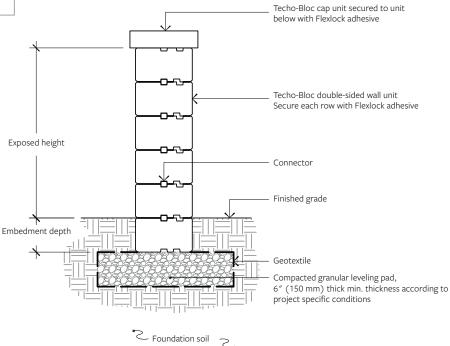
04 SUBSEQUENT COURSES

- A. Clean the top of each block before laying the next course. Depending on the type of block, install the connectors if available on each block.
- B. Stagger joints from one row to the next.
- C. Glue all modules at each row with a concrete adhesive for securing.
- D. All Free-standing walls must be installed in vertical position.
- **E.** Any cavities in the blocks must be filled with $\frac{3}{4}''$ (20 mm) clean stone.
- F. Continue building to the desired and permissible height.



05 FINISHING

A. Position the cap units (if applicable) or the final course of blocks to complete the wall. The cap units (if applicable) or final course of blocks must be fixed to the subjacent blocks using concrete adhesive and there must be no space between the blocks.



PILLARS

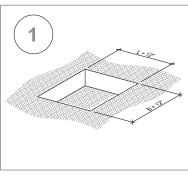
General Note

It is important to adequately glue each row with a concrete adhesive in order to obtain a stable pillar.

If you are planning to install a light on top of the pillar, make sure you run the electrical wires prior to installing the blocks.

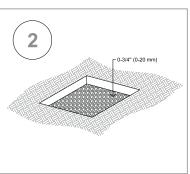
If you are planning to build a pillar with a planter, make sure to install a geotextile membrane inside the pillar before filling the cavity with planting soil.

Installation Outline



01 EXCAVATION

- A. Check the location of existing structures and utilities before starting the excavation.
- B. Excavate an area that is 12" (300 mm) wider than the pillar (6" [150 mm] at each side of the pillar).
- C. The excavated area should be a minimum 12" (300mm) deep. This depth will provide 6" (150mm) for the compacted base and a minimum 6" (150mm) of embedment.
- D. In areas where unstable soils or one particularly affected by freeze-thaw cycles, a thicker compacted base may be necessary.
- E. The foundation soil should be checked to make sure it is firm, level and capable of supporting the pillar.

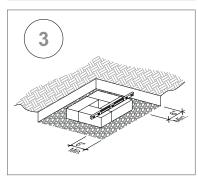


02 FOUNDATION

A. Cover the excavated area with a geotextile. Create a leveling pad of compacted granular base material. The pad should be composed of $0-\frac{3}{4}$ " (0-20 mm) crushed stone with a minimum thickness of 6" (150 mm).

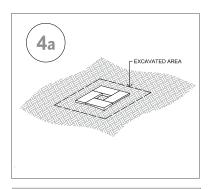
03 BUILDING THE FIRST COURSE

A. Using the corresponding pillar or corner units, place the first course on the compacted base according to the predetermined layout. Check the alignment and leveling in all directions and make sure that all the blocks are in full contact with the base and properly supported.



PILLARS

Installation outline

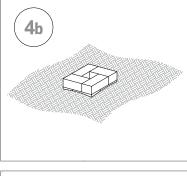


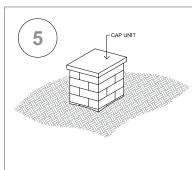
04 SUBSEQUENT COURSES

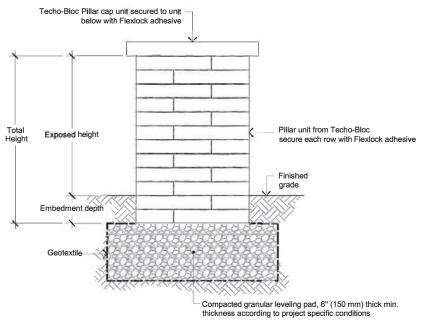
- A. Clean the top of each block before laying the next course.
- B. Stagger joints from one row to the next.
- C. Glue all modules at each row with a concrete adhesive for securing.
- D. Backfill the excavated area surrounding the pillar.
- E. Continue building to desired and permissible height.

05 CROWNING

A. Crown the pillar using Techo-Bloc Pillar cap units and securing to blocks underneath with a concrete adhesive.







Foundation soil __



BOREALIS WALL

DESCRIPTION: Wall **TEXTURE:** Wood

PALLET OVERVIEW

A	





NOTES

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

The dimensional tolerance for Stonedge wet cast retaining wall units is: $\pm\,\frac{3}{16}{''}(5\,\text{mm})$ for height and $\pm\,\frac{1}{2}{''}$ (13 mm) for length and width. During the installation, the level between adjacent wall units will vary (usually more than for a dry cast wall unit) in order to obtain a more realistic appearance of a natural stone wall.

See page 135 to 156 for more technical information.

Specifications per palle	t Imperial		Metric	
Cubing	32 ft ²		2.97 m	2
Linear coverage per pallet	64 lin. ft		19.51 l	in. m
Approx. Weight	3 042 lbs		1 380 k	g
Number of rows	4			
Coverage per row	8 ft²		0.74 m	2
Coverage per unit	2 ft²		0.19 m	2
Linear coverage per unit	4 lin. ft		1.22 lin	ı. m
Н	Unit dimensions	in	mm	Units/pallet
L D H A	Height	6	152	16 units

Depth

Length

8

48

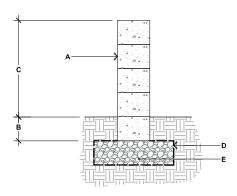
203

1 2 1 9





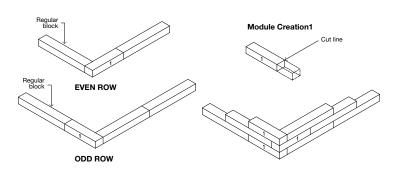
FREESTANDING WALLS- BOREALIS



BOREALIS

- **A.** BOREALIS DOUBLE-SIDED WALL UNITS SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- B. EMBEDMENT DEPTH, 6" (150 mm) MIN.
- **C.** 24" (612 mm) MAX.
- **D.** GEOTEXTILE
- **E.** COMPACTED GRANULAR LEVELING PAD, 6" (150 mm) THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

90° CORNER OF A DOUBLE-SIDED WALL



- 1. Alternate odd and even rows.
- 2. Stagger joints from one row to the next.
- 3. Glue all modules at each row with Flexlock adhesive.

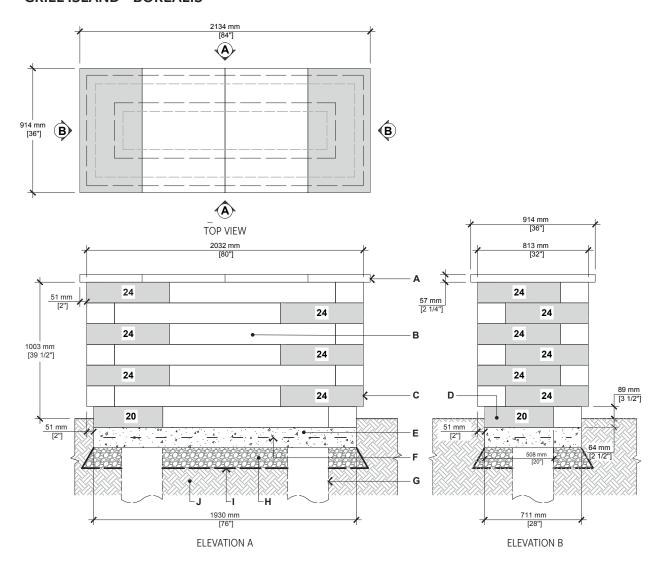
DOUBLE-SIDED WALL - END OF A STRAIGHT WALL



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INSTALLATION GUIDE

GRILL ISLAND - BOREALIS



- A. YORK COUNTER TOP 24" X 36" X 2 1/4" (CUT ON FIELD AS REQUIRED)
- B. BOREALIS WALL UNIT
- **C.** BOREALIS WALL UNIT CUT IN HALF (CUT ON FIELD)
- **D.** BOREALIS WALL UNIT (CUT ON FIELD AS REQUIRED)
- E. CAST IN PLACE CONCRETE SLAB 4350 psi (30 MPa), 5" (125 mm) THICK
- F. 4X4-4/4 (102X102-MW25.8XMW25.8) WELDED WIRE MESH AND/OR REBAR AS PER SITE CONDITIONS
- G. 12" (300 mm) DIA. CONCRETE PILLAR, AS PER LOCAL CODE
- H. 3/4" (20 mm) CLEAN STONE6" (150 mm) THICK MIN. AS PER SITE CONDITIONS
- I. GEOTEXTILE
- J. NATURAL SOIL OR COMPACTED BACKFILL

QUANTITY OF MATERIALS REQUIRED

- York Counter top $24'' \times 36'' \times 2 \frac{1}{4}''$: **4**
- Borealis wall unit: 28

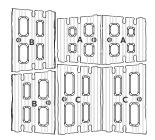
NOTE: Appliances and utilities may vary for each project and are not shown on this drawing. This drawing is shown for inspiration only and surplus or shortage of materials may result. It is the user's responsibility to verify for the quantity of materials required. Secure the blocks using a heat resistant concrete adhesive. The installer must ensure that the installation and use of the grill island comply with local regulations and code requirements. Concrete pillars extending to frost line may be required as per local code. Check your local building code before installing.



BRANDON 90 mm

DESCRIPTION: Double-sided wall **TEXTURE:** Slate

PALLET OVERVIEW





COMPATIBLE CAPS

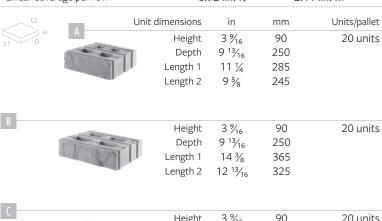
See page 140 for product compatibility.

NOTES

When building a double-sided wall one pallet will cover an average of 19.28 ${\rm ft}^2$.

See page 135 to 156 for more technical information.

Imperial	Metric
20.44 ft ²	1.90 m ²
69.23 lin. ft	21.10 lin. m
1 684 lbs	764 kg
7.5 ft	2.3 m
10	
2.04 ft ²	0.19 m ²
6.92 lin. ft	2.11 lin. m
	20.44 ft ² 69.23 lin. ft 1 684 lbs 7.5 ft 10 2.04 ft ²









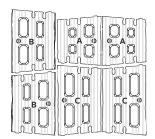


BRANDON 180 mm

DESCRIPTION: Double-sided wall **TEXTURE:** Slate

Specifications per pallet

PALLET OVERVIEW





COMPATIBLE CAPS

See page 140 for product compatibility.

NOTES

When building a double-sided wall one pallet will cover an average of 19.28 ft².

See page 135 to 156 for more technical information.

Cubing		2	20.44 ft ²		1.90 m ²
Cubing			4.61 lin. ft		10.55 lin. m
Approx. We	eight	1	719 lbs		780 kg
Minimum ra	adius	7	'.5 ft		2.3 m
Number of	rows	5	,		
Coverage p	er row	4	1.09 ft ²	(0.38 m ²
Linear cove	rage per row	6	5.92 lin. ft		2.11 lin. m
L2		Unit dimensions	in	mm	Units/pallet
L1 D H	A	Height Depth		180 250	10 units
	10	Length 1 Length 2	11 ¼ 9 5/ ₈	285 245	
В		Height Depth		180 250	10 units
	1 X	Length 1 Length 2	14 3/8	365 325	
C					
	III	Height Depth Length 1	9 13/16	180 250 405	10 units
	March 1985	1 1 0	4427	2.5	

Length 2

 $14\frac{3}{8}$

365

Imperial

Metric

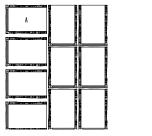




BRANDON 90 & 180 mm

DESCRIPTION: Pillars **TEXTURE:** Slate

PILLAR PALLET OVERVIEW





COMPATIBLE CAPS

See page 140 for product compatibility.

NOTES

See page 135 to 156 for more technical information.

Specifications per pallet		Imperial		Metric		
mm	Cubing		40 unit	S	40 units	
	Approx. Weight		1 625 lbs		737 kg	
PILLAR 90	Number of rows		4			
Δ.	Pillar height		35 1/16		900 mm	
	> H	Unit dimension	ns in	mm	Units/pallet	
\searrow	D H A	Heig	′ '	-	40 units	
		Dep	th 9 ¹³ /-	i ₆ 250		
		Leng	th 14 ³ /	360		

Spe	cifications per palle	t	Imperial		Metric
H H	Cubing	:	20 units		20 units
PILLAR 180 mm	Approx. Weight		1 636 lbs	,	742 kg
	Number of rows	:	2		
Ш	Pillar height		35 ½ ₁₆		900 mm
_		Unit dimensions	s in	mm	Units/pallet
\searrow	h A	Height	t 7 ½	180	20 units
		Depth	n 9 13/16	250	
		Length	14 ³ / ₁₆	360	



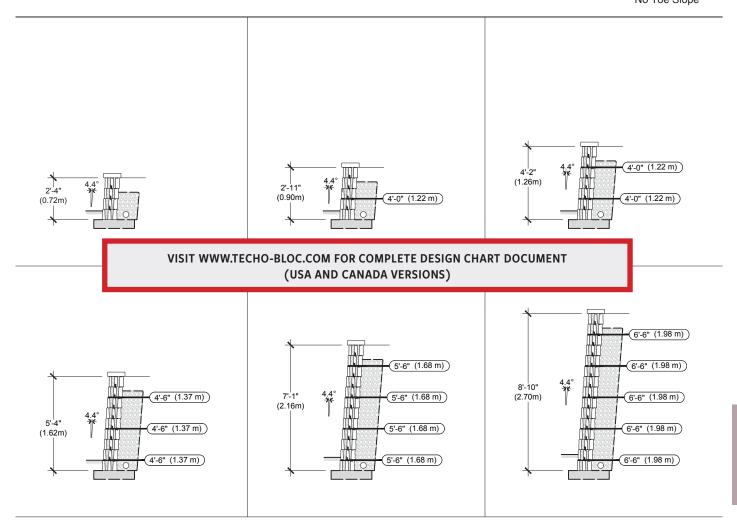
TECHO—BLOC

DESIGN CHART BRANDON 180 mm

(EQUIVALENT TO TWICE THE BRANDON 90 mm)
SETBACK VERTICAL

CLEAN SAND/GRAVEL/ SAND AND GRAVEL MIXES (Ø=34°, γ = 120 pcf) GEOGRID: MIRAGRID 3XT BY TENCATE (RFd=1.10, RFcr=1.45, RFid=1.25, Cds=0.9, Ci=0.9)

CASE N° 1: No Surcharge No Backslope No Toe Slope

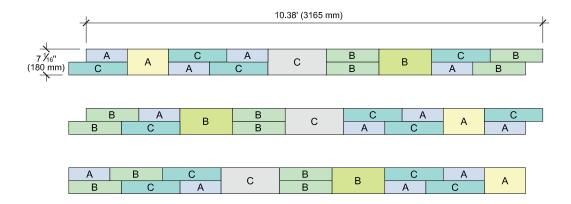


- 1. The information contained in the design charts is supplied for information purposes only and as such should only be used for preliminary designs.
- 2. The height (H) of the wall is the total height from the leveling pad to the top of the wall not including the thickness of the cap.
- 3. Soil parameters: reinforced soil ($\phi = 34^\circ$, $\gamma = 120$ pcf); retained soil ($\phi = 34^\circ$, $\gamma = 120$ pcf); foundation soil ($\phi = 34^\circ$, $\gamma = 120$ pcf)
- 4. A qualified engineer should be consulted for the final design to be used for construction.
- 5. The foundation soil must be able to support the wall system. The bearing capacity of the foundation soil, settlement, and global stability must be verified and validated by a qualified geotechnical engineer.
- The seismic analysis is not included.
- 7. The design charts do not apply to tiered walls.
- 8. The charts assume that the walls are constructed in accordance with Techo-Bloc specifications, good construction practice and an adequate drainage system.
- 9. The geogrid layout has been optimized to satisfy the design requirements of the NCMA's Design Manual for Segmental Retaining Walls, 3rd Edition
- 10. The minimum burial depth must be 6 in (150 mm) or 10% of the exposed height, whichever is greater.
- 11. Engineering judgement should be used when interpolating between heights.
- 12. Techo-Bloc and its predecessors, successors, beneficiaries, employees, associates, administrators and insurers accepts no liability for the incorrect use of information contained in the design charts.
- 13. For further information, please contact our technical service department.

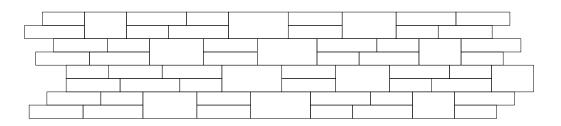
RETAINING WALLS - BRANDON 90 & 180 mm

1-Row Pattern | Laying Patterns

The 1-row pattern provides three different combinations. Each combination is 10.38' (3.165 m) long and 7 1/16" (180 mm) high. **This** pattern can be used for installing the last row of modules or where other patterns cannot be used.



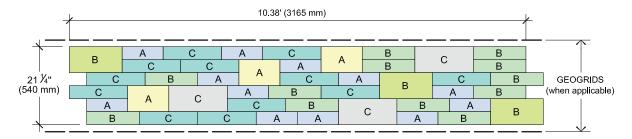
NUMBER OF BLOCKS REQUIRED	MODULE		
BRANDON	Α	В	С
67% of the surface - Brandon 90 mm	4	4	4
33% of the surface - Brandon 180 mm	1	1	1



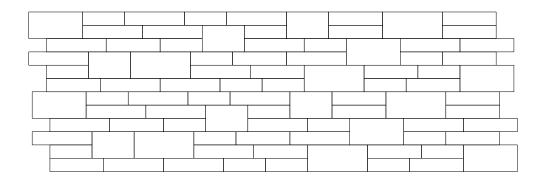
RETAINING WALLS - BRANDON 90 & 180 mm

3-Row Pattern | Laying Patterns

The 3-row pattern is 10.38' (3.165 m) long and 21 ½" (540 mm) high. This pattern allows a continuous leveled surface every 21½" (540 mm), which corresponds to the recommended maximum spacing between the layers of geogrid in a Brandon wall. **This pattern is recommended when using the geogrid.**



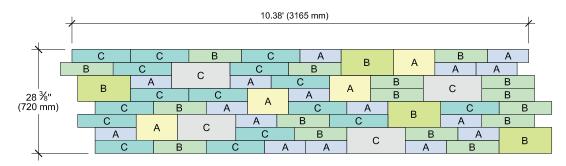
NUMBER OF BLOCKS REQUIRED	MODULE		
BRANDON	Α	В	С
67% of the surface - Brandon 90 mm	12	12	12
33% of the surface - Brandon 180 mm	3	3	3



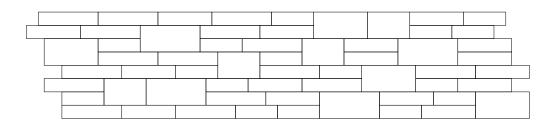
RETAINING WALLS - BRANDON 90 & 180 mm

4-Row Pattern | Laying Patterns

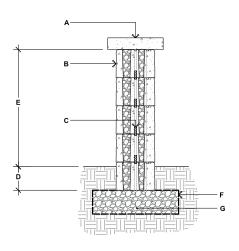
The 4-row pattern is 10.38' (3.165 m) long and 28 $\frac{3}{8}$ " (720 mm) high. This pattern should be used only where the geogrid is not required.



NUMBER OF BLOCKS REQUIRED	MODULE		
BRANDON	Α	В	С
67% of the surface - Brandon 90 mm	16	16	16
33% of the surface - Brandon 180 mm	4	4	4



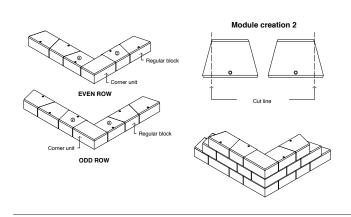
FREESTANDING WALLS - BRANDON 90 & 180 mm



BRANDON 90 mm & 180 mm

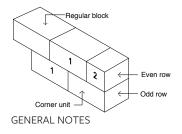
- TECHO-BLOC CAP UNIT SECURED TO UNIT BELOW WITH FLEXLOCK ADHESIVE
- BRANDON 90 mm AND 180 mm DOUBLE-SIDED WALL UNITS SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- CONNECTOR C.
- D. EMBEDMENT DEPTH, 6" (150 mm) MIN.
- $29\,\%_{16}{''}$ (750 mm) MAX.
- GEOTEXTILE F.
- COMPACTED GRANULAR LEVELING PAD, 6" (150 mm) THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

90° CORNER OF A DOUBLE-SIDED WALL

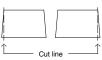


- 1. Alternate odd and even rows.
- 2. Stagger joints from one row to the next.
- 3. Glue all modules at each row with Flexlock adhesive.
- 4. Cavities, grooves and connectors are not illustrated to avoid overloading the image.

DOUBLE-SIDED WALL - END OF A STRAIGHT WALL



Module creation 1



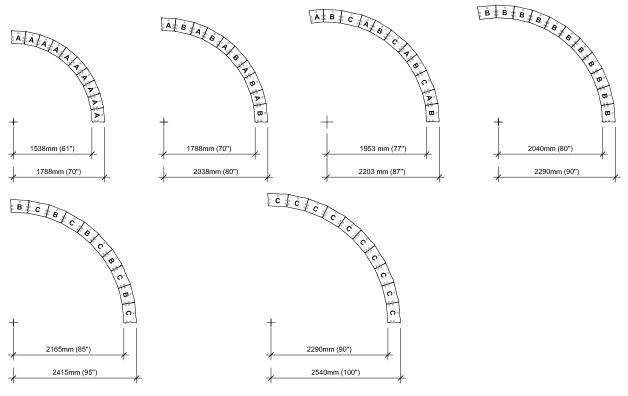
Module creation 2



- 1. Alternate odd and even rows.
- 2. Stagger joints from one row to the next.
- 3. Glue all modules at each row with Flexlock adhesive.
- 4. Cavities, grooves and connectors are not illustrated to avoid overloading the image.

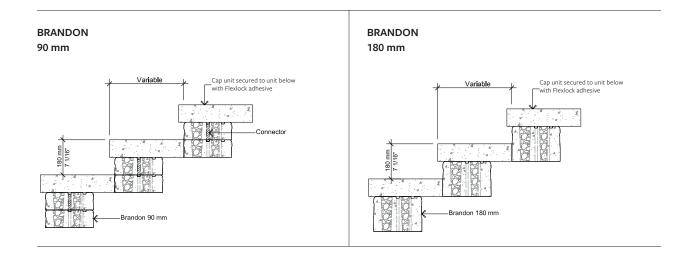
167

DOUBLE-SIDED WALL RADIUS - BRANDON 90 & 180 mm



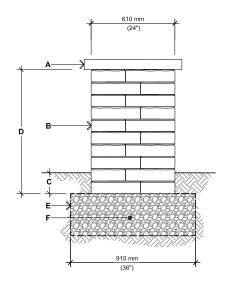
It is the user's responsibility to verify for the quantity of materials required.

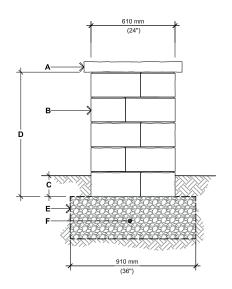
STEPS



For all possible combinations of pillars and caps, please refer to the correspondence table on page 140

PILLARS - BRANDON 90 & 180 mm





BRANDON 90 mm

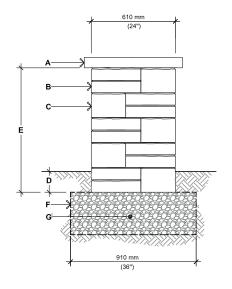
- **A.** PILLAR CAP UNIT, SECURE TO UNITS BELOW WITH FLEXLOCK ADHESIVE
- B. BRANDON 90 mm PILLAR UNIT
 SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- **C.** EMBEDMENT DEPTH: 150 mm (6") MIN.
- **D.** 900 mm (35 $\%_6$ "), HEIGHT PER PALLET 1 080 mm (42 $\%_2$ "), MAXIMUM HEIGHT
- E. GEOTEXTILE
- F. COMPACTED GRANULAR BASE 150 mm (6") THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

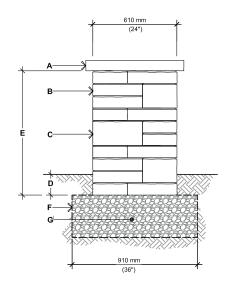
BRANDON 180 mm

- **A.** PILLAR CAP UNIT, SECURE TO UNITS BELOW WITH FLEXLOCK ADHESIVE
- B. BRANDON 180 mm PILLAR UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- C. EMBEDMENT DEPTH: 150 mm (6") MIN.
- 900 mm (35 $\%_6$ "), HEIGHT PER PALLET 1 080 mm (42 $\%_2$ "), MAXIMUM HEIGHT
- E. GEOTEXTILE
- F. COMPACTED GRANULAR BASE 150 mm (6") THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

For all possible combinations of pillars and caps, please refer to the correspondence table on page 140

PILLARS - BRANDON 90 & 180 mm





BRANDON 90 mm & 180 mm OPTION A

- **A.** PILLAR CAP UNIT, SECURE TO UNITS BELOW WITH FLEXLOCK ADHESIVE
- **B.** BRANDON 90 mm PILLAR UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- C. BRANDON 180 mm PILLAR UNIT
 SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- **D.** EMBEDMENT DEPTH: 150 mm (6") MIN.
- **E.** 900 mm (35 ½₆"), 1 080 mm (42 ½"), MAXIMUM HEIGHT
- F. GEOTEXTILE
- G. COMPACTED GRANULAR BASE 150 mm (6") THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

BRANDON 90 mm & 180 mm OPTION B

- **A.** PILLAR CAP UNIT, SECURE TO UNITS BELOW WITH FLEXLOCK ADHESIVE
- **B.** BRANDON 90 mm PILLAR UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- C. BRANDON 180 mm PILLAR UNIT
 SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- **D.** EMBEDMENT DEPTH: 150 mm (6") MIN.
- **E.** 900 mm (35 ½/6″), 1 080 mm (42 ½″), MAXIMUM HEIGHT
- **F.** GEOTEXTILE
- G. COMPACTED GRANULAR BASE 150 mm (6") THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

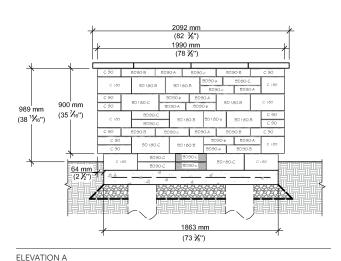
For all possible combinations of pillars and caps, please refer to the correspondence table on page 140

₿

(78 ¾") 2092 mm (82 ¾")

INSTALLATION GUIDE

GRILL ISLAND - BRANDON 90 & 180 mm



TOP VIEW

Φ

- YORK COUNTER TOP 24" × 36" × 2 1/4"
- В. BRANDON 90 mm UNIT (A, B OR C) - LONG FACE EXPOSED (SHOWN WITH UPPERCASE LETTER)
- BRANDON 90 mm UNIT (A, B OR C) SHORT FACE EXPOSED (SHOWN C. WITH LOWERCASE LETTER)
- BRANDON 180 mm UNIT (A, B OR C) LONG FACE EXPOSED (SHOWN D. WITH UPPERCASE LETTER)
- E. BRANDON 180 mm UNIT (A, B OR C) - SHORT FACE EXPOSED (SHOWN WITH LOWERCASE LETTER)
- BRANDON 90 mm PILLAR UNIT
- G. BRANDON 180 mm PILLAR UNIT
- H. BRANDON UNIT CUT ON FIELD
- CAST IN PLACE CONCRETE SLAB 4350 psi (30 MPa), ı. 5" (125 mm) THICK
- 4X4-4/4 (102X102-MW25.8XMW25.8) WELDED WIRE MESH AND/OR REBAR AS PER SITE CONDITIONS
- 12" (300 mm) DIA. CONCRETE PILLAR, AS PER LOCAL CODE
- 3/4" (20 mm) CLEAN STONE 6" (150 mm) THICK MIN. AS PER SITE CONDITIONS
- NATURAL SOIL OR COMPACTED BACKFILL M.
- GEOTEXTILE

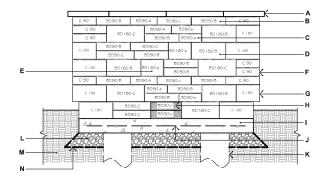
QUANTITY OF MATERIALS REQUIRED

- York Counter top $24'' \times 36'' \times 2 \frac{1}{4}''$: **4**
- Brandon 90 mm unit: **20** A , **20** B , **18** C
- Brandon 180 mm unit: 10 A, 10 B, 9 C
- Brandon 90 mm Pillar unit: 18
- Brandon 180 mm Pillar unit: 15

NOTE: Appliances and utilities may vary for each project and are not shown on this drawing. This drawing is shown for inspiration only and surplus or shortage of materials may result. It is the user's responsibility to verify for the quantity of materials required. Secure the blocks using a heat resistant concrete adhesive. The installer must ensure that the installation and use of the grill island comply with local regulations and code requirements. Concrete pillars extending to frost line may be required as per local code. Check your local building code before installing.

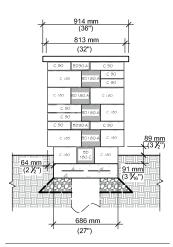
171

GRILL ISLAND - BRANDON 90 & 180 mm - Cont'd

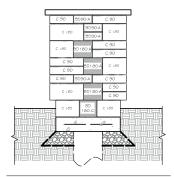


ELEVATION C

- YORK COUNTER TOP 24" × 36" × 2 1/4"
- В. BRANDON 90 mm UNIT (A, B OR C) - LONG FACE EXPOSED (SHOWN WITH UPPERCASE LETTER)
- BRANDON 90 mm UNIT (A, B OR C) SHORT FACE EXPOSED (SHOWN C. WITH LOWERCASE LETTER)
- BRANDON 180 mm UNIT (A, B OR C) LONG FACE EXPOSED (SHOWN D. WITH UPPERCASE LETTER)
- E. BRANDON 180 mm UNIT (A, B OR C) - SHORT FACE EXPOSED (SHOWN WITH LOWERCASE LETTER)
- BRANDON 90 mm PILLAR UNIT
- G. BRANDON 180 mm PILLAR UNIT
- H. BRANDON UNIT CUT ON FIELD
- CAST IN PLACE CONCRETE SLAB 4350 psi (30 MPa), ı. 5" (125 mm) THICK
- 4X4-4/4 (102X102-MW25.8XMW25.8) WELDED WIRE MESH AND/OR REBAR AS PER SITE CONDITIONS
- 12" (300 mm) DIA. CONCRETE PILLAR, AS PER LOCAL CODE
- 3/4" (20 mm) CLEAN STONE 6" (150 mm) THICK MIN. AS PER SITE CONDITIONS
- NATURAL SOIL OR COMPACTED BACKFILL M.
- **GEOTEXTILE**



ELEVATION B



ELEVATION D

QUANTITY OF MATERIALS REQUIRED

- York Counter top $24'' \times 36'' \times 2 \frac{1}{4}''$: **4**
- Brandon 90 mm unit: **20** A , **20** B , **18** C
- Brandon 180 mm unit: 10 A, 10 B, 9 C
- Brandon 90 mm Pillar unit: 18
- Brandon 180 mm Pillar unit: 15

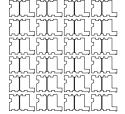
NOTE: Appliances and utilities may vary for each project and are not shown on this drawing. This drawing is shown for inspiration only and surplus or shortage of materials may result. It is the user's responsibility to verify for the quantity of materials required. Secure the blocks using a heat resistant concrete adhesive. The installer must ensure that the installation and use of the grill island comply with local regulations and code requirements. Concrete pillars extending to frost line may be required as per local code. Check your local building code before installing.



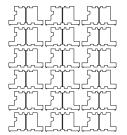
FASCIA WALL COLLECTION

DESCRIPTION: Base and Structural block single-sided & double-sided **TEXTURE:** Smooth

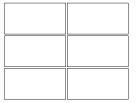
PALLET OVERVIEW - SINGLE-SIDED



PALLET OVERVIEW - DOUBLE-SIDED



PALLET OVERVIEW - BASE





COMPATIBLE CAPS

See page 140 for product compatibility.

NOTES

See page 135 to 156 for more technical information.

Specifications per pallet		Imperial	Metric
ED .	Cubing	96 units	96 units
E-SIL		31.00 ft ²	2.88 m ²
SINGLE-SIDED		62.99 lin. ft	19.20 lin. m
S	Approx. Weight	2 612 lbs	1 185 kg
	Number of rows	4	
	Coverage per row	7.75 ft ²	0.72 m ²
	Linear coverage per row	15.75 lin. ft	4.80 lin. m



Specifications per pallet		Imperial	Metric
ED .	Cubing	72 units	72 units
E-SID		23.25 ft ²	2.16 m ²
DOUBLE-SIDED		47.24 lin. ft	14.40 lin. m
DO	Approx. Weight	2 138 lbs	970 kg
	Number of rows	4	
	Coverage per row	5.81 ft ²	0.54 m ²
	Linear coverage per row	11.81 lin. ft	3.60 lin. m



Specifications per pallet		Imperial	Metric
BASE	Cubing	66 units	66 units
B/		25.58 ft ²	2.38 m ²
		129.92 lin. ft	39.60 lin. m
	Approx. Weight	3 701 lbs	1 679 kg
	Number of rows	11	
	Coverage per row	2.33 ft ²	0.22 m ²
	Linear coverage per row	11.81 lin. ft	3.60 lin. m

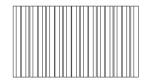
L2	٨	Unit dimensions	in	mm	Units/pallet
II D H	А	Height	2 3/8	60	66 units
		Depth	12	305	
		Length	23 %	600	



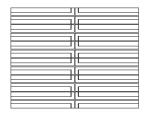
ICONIC FASCIA WALL COLLECTION

DESCRIPTION: Fascia Panel & Corner **TEXTURE:** Klean-Bloc Natural Stone

PALLET OVERVIEW - PANELS



PALLET OVERVIEW - CORNERS





COMPATIBLE CAPS

See page 140 for product compatibility.



Klean-Bloc technology See page 24.

NOTES

See page 135 to 156 for more technical information.

Fascia Panels require single-sided structural blocks (retaining wall application) or double-sided structural blocks (freestanding walls). Sold Separately.

Spe	ecifications per pallet	Imperial	Metric	
FASCIA		45 units	45 units	
	Cubing	47.95 ft ²	4.46 m ²	
		97.44 lin. ft	29.70 lin. m	
	Approx. Weight	1 390 lbs	630 kg	
	Number of rows	3		
	Coverage per row	15.98 ft ²	1.49 m ²	
	Linear coverage per row	32.48 lin. ft	9.90 lin. m	



Specifications per pallet				Impe	Imperial		Metric	
ᄄ Cubing		g		24 units		:	24 units	
Cubing Approx. Weight			700 lbs			318 kg		
Number of rows		1						
Pillar height		35 ½ in		(900 mm			
	L2		Unit dimensio	ns	in	mm	Units,	pallet
	J H	A	Heig	ht	5 %	150	12	units
		LEFT UNIT	Dep	th	2 3/4	70		
			Leng	th	23 1/4	590		
_	L2		Unit dimensio	ns	in	mm	Units/	pallet
	J H	В	Heig	ht	5 %	150	12	units
		RIGHT UNIT	Dep	th	2 3/4	70		
		T	Leng	th,	23 1/4	590		

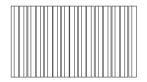




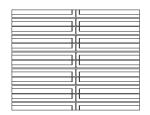
ROSEMONT FASCIA WALL COLLECTION

DESCRIPTION: Fascia Panel & Corner **TEXTURE:** Klean-Bloc Slate

PALLET OVERVIEW - PANELS



PALLET OVERVIEW - CORNERS





COMPATIBLE CAPS

See page 140 for product compatibility.



Klean-Bloc technology See page 24.

NOTES

See page 135 to 156 for more technical information.

Fascia Panels require single-sided structural blocks (retaining wall application) or double-sided structural blocks (freestanding walls). Sold Separately.

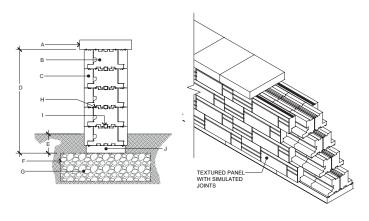
Spe	cifications per pallet	Imperial	Metric
FASCIA		45 units	45 units
FAS	Cubing	47.95 ft ²	4.46 m ²
		97.44 lin. ft	29.70 lin. m
	Approx. Weight	1 293 lbs	587 kg
	Number of rows	3	
	Coverage per row	15.98 ft ²	1.49 m ²
	Linear coverage per row	32.48 lin. ft	9.90 lin. m
	Linear coverage per row	32. TO IIII. IC	7.70 mi. m



Specifications per pallet			Imperial			Metric		
ER	Cubin	Cubing Approx. Weight			24 units		24 units	
CORNER	Appro				660 lbs		299 kg	
O	Numb	Number of rows		1				
	Pillar height			35 ½ in			900 mm	
	L2	-	Unit dimensio	ns	in	mm	l	Jnits/pallet
	A H	A	Heig	ght	5 %	150		12 units
L1		LEFT UNIT	Dep	oth	2 3/4	70		
			Leng	gth	23 1/4	590		
	L2		Unit dimensio	ns	in	mm	l	Jnits/pallet
	D H	В	Heig	ght	5 %	150		12 units
		RIGHT UNIT	Dep	oth	2 3/4	70		
		TIME	Leng	gth	23 1/4	590		

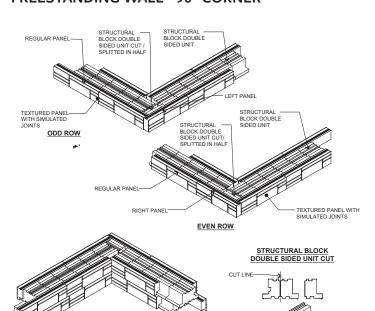


FREESTANDING WALL



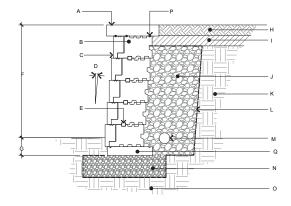
- A. TECHO-BLOC CAP UNIT SECURED TO CORE AND PANEL BELOW WITH FLEXLOCK ADHESIVE
- B. STRUCTURAL BLOCK DOUBLE-SIDED UNIT
- C. PANEL UNIT
- **D.** 29 1/2" (750 mm) MAX.
- E. EMBEDMENT DEPTH 6" (150 mm) MIN.
- F. GEOTEXTILE
- G. COMPACTED GRANULAR BASE 6" (150 mm) MIN. THICKNESS ACCORDING TO PROJECT SPECIFICATIONS
- H. FLEXLOCK ADHESIVE
- I. HDPE HORIZONTAL KEY
- J. BASE UNIT

FREESTANDING WALL - 90° CORNER



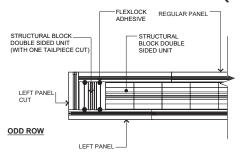
- 1. ALTERNATE ODD AND EVEN ROWS.
- 2. STAGGER STRUCTURAL BLOCKS JOINTS FROM ONE ROW TO THE NEXT.
- **3.** GLUE ALL STRUCTURAL BLOCKS AT EACH ROW WITH FLEXLOCK ADHESIVE.
- **4.** APPLY FLEXLOCK ADHESIVE ON TOP OF UPPERMOST PANEL UNITS TO FIX CAP UNITS.
- STRUCTURAL BLOCK DOUBLE SIDED UNIT CUT / SPLITTED IN HALF MUST ALWAYS BE PRESENT AT THE CORNER OF THE WALL.

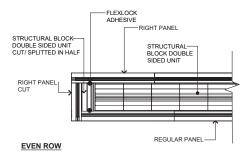
GRAVITY RETAINING WALL



- **A.** TECHO-BLOC CAP UNIT SECURED TO UNIT BELOW WITH FLEXLOCK ADHESIVE
- B. STRUCTURAL BLOCK SINGLE SIDED UNIT
- C. PANEL UNIT
- **D.** WALL INCLINATION (5.3°)
- E. HDPE HORIZONTAL KEY
- F. EXPOSED HEIGHT
- G. EMBEDMENT DEPTH
- H. TOP SOIL
- I. LOW PERMEABILITY SOIL
- J. 3/4" (20 mm) CLEAN STONE 14" (350mm) THICK MIN.
- K. RETAINED SOIL
- L. GEOTEXTILE
- M. PERFORATED DRAIN
- N. LEVELING PAD
- O. FOUNDATION SOIL
- P. FLEXLOCK ADHESIVE
- Q. BASE UNIT

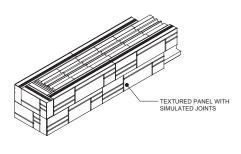
FREESTANDING END OF A STRAIGHT WALL (OPTION 1)



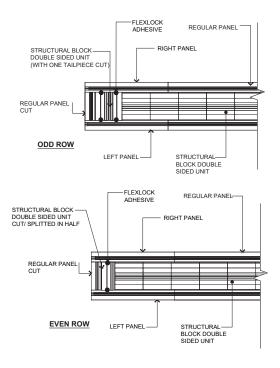


NOTES:

- ALTERNATE ODD AND EVEN ROWS.
 STAGGER STRUCTURAL BLOCKS JOINTS FROM ONE ROW TO THE NEXT.
- GLUE ALL STRUCTURAL BLOCKS AT EACH
- ROW WITH FLEXLOCK ADHESIVE.
 APPLY FLEXLOCK ADHESIVE ON TOP OF UPPERMOST PANEL UNITS TO FIX CAP UNITS.

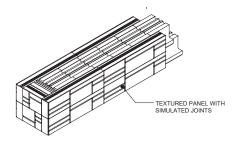


FREESTANDING END OF A STRAIGHT WALL (OPTION 2)

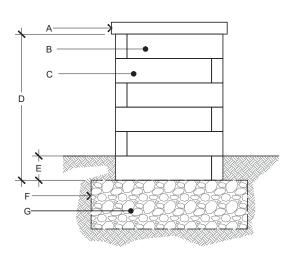


NOTES:

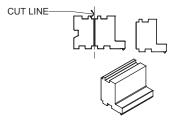
- ALTERNATE ODD AND EVEN ROWS.
 STAGGER STRUCTURAL BLOCKS JOINTS
 FROM ONE ROW TO THE NEXT.
- GLUE ALL STRUCTURAL BLOCKS AT EACH ROW WITH FLEXLOCK ADHESIVE
- APPLY FLEXLOCK ADHESIVE ON TOP OF UPPERMOST PANEL UNITS TO FIX CAP UNITS.

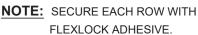


PILLARS - FASCIA WALL COLLECTION

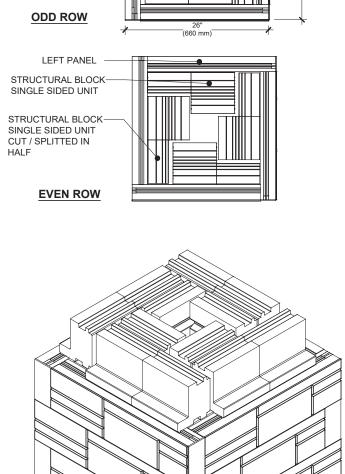


STRUCTURAL BLOCK SINGLE SIDED UNIT CUT / SPLITTED IN HALF





- PILLAR CAP UNIT SECURED TO CORE AND PANEL BELOW WITH FLEXLOCK ADHESIVE
- B. RIGHT PANEL
- C. LEFT PANEL
- **D.** 35 7/16" (900 mm) MAX HEIGHT
- E. EMBEDMENT DEPTH 6" (150 mm) MIN.
- **F.** GEOTEXTILE
- G. COMPACTED GRANULAR BASE 6" (150 mm) MIN. THICKNESS ACCORDING TO PROJECT SPECIFICATIONS.



(660 mm)

RIGHT PANEL -STRUCTURAL BLOCK SINGLE SIDED UNIT

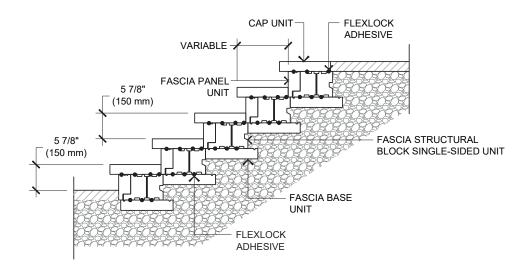
STRUCTURAL BLOCK SINGLE SIDED UNIT CUT / SPLITTED IN

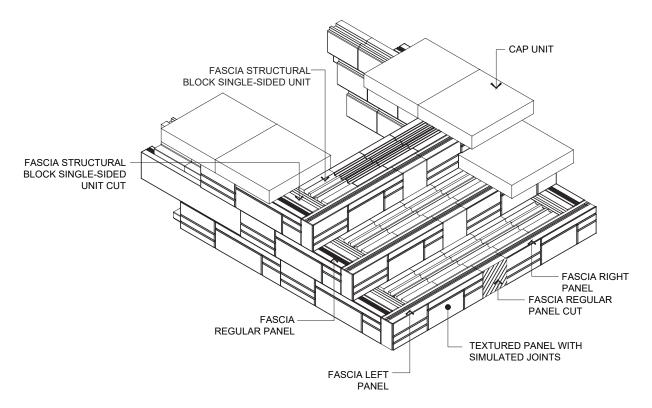
HALF

For all possible combinations of pillars and caps, please refer to the correspondence table on page 140

TEXTURED PANEL WITH SIMULATED JOINTS

STEPS - FASCIA WALL COLLECTION



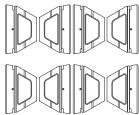




G-FORCE

DESCRIPTION: Wall **TEXTURE:** Smooth

PALLET OVERVIEW





COMPATIBLE CAPS

See page 140 for product compatibility.

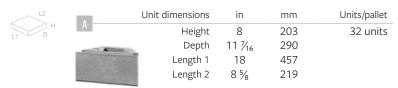
NOTES

G-Force block can be installed in a setback position only (inclined wall). The positioning of the HDPE key does not allow for a vertical installation.

Geogrid positioning: visit our website for geogrid design charts

See page 135 to 156 for more technical information.

Specifications per pallet	Imperial	Metric
6.11	32.00 ft ²	2.97 m ²
Cubing	48 lin. ft	14.63 lin. m
Approx. Weight	2 477 lbs	1 124 kg
Number of rows	4	
Coverage per row	8.00 ft ²	0.74 m ²
Linear coverage per row	12.00 lin. ft	3.66 lin. m







G-FORCE CORNER UNIT

DESCRIPTION: Wall **TEXTURE:** Smooth

PALLET OVERVIEW





COMPATIBLE CAPS

See page 140 for product compatibility.

NOTES

See page 135 to 156 for more technical information.

Specifications per pallet		Imperial		Metric	
Cubing	16 t	ınits	16 :	units	
Approx. Weight	1 65	54 lbs	750) kg	
Number of rows	2				
	Unit dimensions	in	mm	Units/pallet	
H A	Height	8	203	16 units	
	Denth	9	229		

Length

18

457



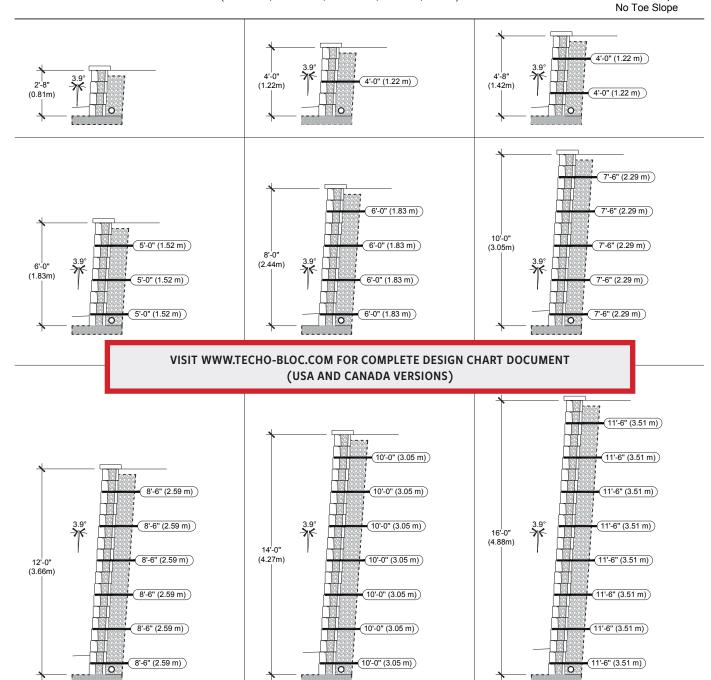
TECHO—BLOC

DESIGN CHART G-FORCE

SETBACK VERTICAL

CLEAN SAND/GRAVEL/ SAND AND GRAVEL MIXES (Ø=34°, γ = 120 pcf) GEOGRID: MIRAGRID 3XT BY TENCATE (RFd=1.10, RFcr=1.45, RFid=1.25, Cds=0.9, Ci=0.9)

CASE N° 1: No Surcharge No Backslope



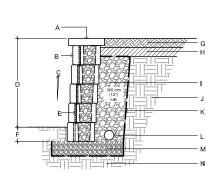
- The information contained in the design charts is supplied for information purposes only and as such should only be used for preliminary designs.
- The height (H) of the wall is the total height from the leveling pad to the top of the wall not including the thickness of the cap.
- Soil parameters: reinforced soil (ϕ = 34°, γ = 120 pcf); retained soil (ϕ = 34°, γ = 120 pcf); foundation soil (ϕ = 34°, γ = 120 pcf) A qualified engineer should be consulted for the final design to be used for construction.
- The foundation soil must be able to support the wall system. The bearing capacity of the foundation soil, settlement, and global stability must be verified and validated by a qualified geotechnical engineer.
 The seismic analysis is not included.
- The design charts do not apply to tiered walls.
- The charts assume that the walls are constructed in accordance with Techo-Bloc specifications, good construction practice and an adequate drainage system.
- The geogrid layout has been optimized to satisfy the design requirements of the NCMA's Design Manual for Segmental Retaining Walls, 3rd Edition.

 The minimum burial depth must be 6 in (150 mm) or 10% of the exposed height, whichever is greater.

 Engineering judgement should be used when interpolating between heights.

- Techo-Bloc and its predecessors, successors, beneficiaries, employees, associates, administrators and insurers accepts no liability for the incorrect use of information contained in the design charts.
- 13. For further information, please contact our technical service department.

GRAVITY AND REINFORCED WALLS - G-FORCE



REINFORCED WALL DETAIL

A. CAP FROM TECHO-BLOC

B. G-FORCE BLOCK FROM TECHO-BLOC

C. WALL INCLINATION (3.9°)

D. EXPOSED HEIGHT

GRAVITY WALL DETAIL

E. HDPE VERTICAL KEY

F. EMBEDMENT DEPTH

G. TOP SOIL

H. LOW PERMEABILITY SOIL

I. 3/4" (20 mm) CLEAN STONE

J. RETAINED SOIL

K. GEOTEXTILE

L. PERFORATED DRAIN

M. LEVELING PAD

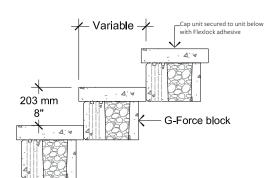
N. FOUNDATION SOIL

O. GEOGRID

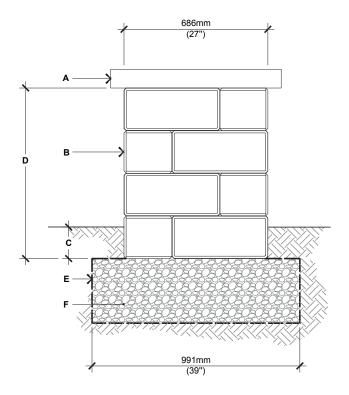
P. REINFORCED SOIL

Q. GEOGRID LENGTH

STEPS - G-FORCE



PILLARS - G-FORCE



G-FORCE PILLAR

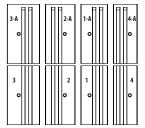
- **A.** PILLAR CAP UNIT (SECURE WITH FLEXLOCK ADHESIVE)
- **B.** G-FORCE UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- C. EMBEDMENT 6" (150 mm) MIN.
- **D.** 32" (813 mm) HEIGHT PER PALLET 48" (1219 mm), MAX. HEIGHT
- E. GEOTEXTILE
- F. COMPACTED GRANULAR BASE 6"
 (150 mm THICK MIN. THICKNESS ACCORDING
 TO PROJECT SPECIFIC CONDITIONS



GRAPHIX

DESCRIPTION: Wall double-sided **TEXTURE:** Smooth & Split face

PALLET OVERVIEW





COMPATIBLE CAPS

See page 140 for product compatibility.

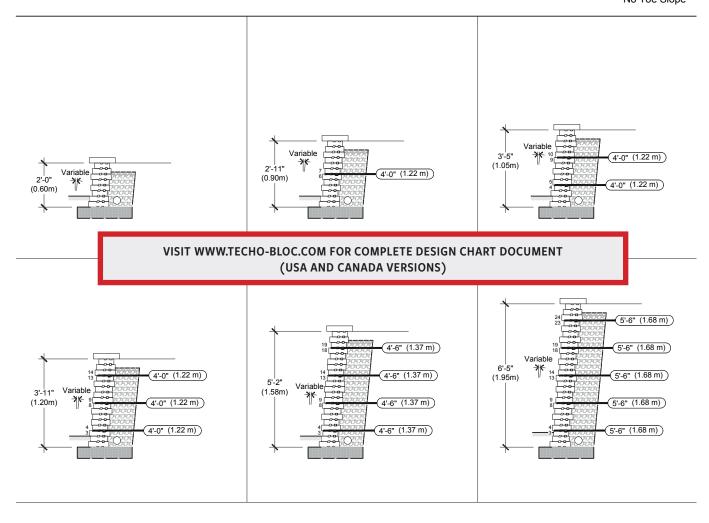
NOTES

Specifications per pallet		Imperial		Metric	
Cubing	26.2	26.25 ft ²		2.44 m ²	
Cubing	107	107.67 lin. ft		32.51 m lin.	
Approx. Weight	2 77	2 773 lbs		1 258 kg	
Number of rows	8				
Coverage per row	3.28	3 ft²		0.30 m ²	
Linear coverage per row	13.3	33 lin. ft		4.06 lin. m	
Unit di	mensions	in	mm	Units/pallet	
Н 1	Height	2 15/16	75	8 units	
	Depth	9 1/16	230		
	Length	20	508		
2	Height	2 15/16	75	8 units	
	Depth	10 1/16	255		
	Length	20	508		
3	Height	2 15/16	75	8 units	
	Depth	11	280		
	Length	20	508		
4	Height	2 15/16	75	8 units	
Warmen .	Depth	8 1/16	205	split on one side	
	Length	20	508		
1A	Height	2 15/16	75	8 units	
-	Depth	9 1/16	230	Left corner unit	
	Length	20	508		
2A	Height	2 15/16	75	8 units	
	Depth	10 1/16	255	Right corner unit	
	Length	20	508		
3A	Height	2 15/16	75	8 units	
	Depth	11	280	Left corner unit	
10	Length	20	508		
4A	Height	2 15/16	75	8 units	
(Telephone and the second	Depth	8 ½16	205	Right corner unit,	
	Length	20	508	split on one side	



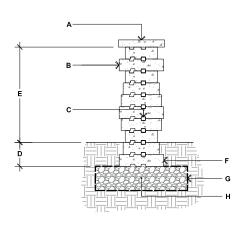
CLEAN SAND/GRAVEL/ SAND AND GRAVEL MIXES (Ø=34°, γ = 120 pcf) GEOGRID: MIRAGRID 2XT BY TENCATE (RFd=1.10, RFcr=1.45, RFid=1.25, Cds=0.9, Ci=0.9)

CASE N° 1: No Surcharge No Backslope No Toe Slope



- The information contained in the design charts is supplied for information purposes only and as such should only be used for preliminary designs.
- The height (H) of the wall is the total height from the leveling pad to the top of the wall not including the thickness of the cap.
- Soil parameters: reinforced soil (ϕ = 34°, γ = 120 pcf); retained soil (ϕ = 34°, γ = 120 pcf); foundation soil (ϕ =34°, γ = 120 pcf)
- A qualified engineer should be consulted for the final design to be used for construction.
- The foundation soil must be able to support the wall system. The bearing capacity of the foundation soil, settlement, and global stability must be verified and validated by a qualified geotechnical engineer.
- 6. The seismic analysis is not included.
- The design charts do not apply to tiered walls.
- The charts assume that the walls are constructed in accordance with Techo-Bloc specifications, good construction practice and an adequate drainage system.
- The geogrid layout has been optimized to satisfy the design requirements of the NCMA's Design Manual for Segmental Retaining Walls, 3rd Edition.
- 10. The minimum burial depth must be 6 in (150 mm) or 10% of the exposed height, whichever is greater.
- 11. Engineering judgement should be used when interpolating between heights.
- Techo-Bloc and its predecessors, successors, beneficiaries, employees, associates, administrators and insurers accepts no liability for the incorrect use of information contained in the design charts.
- 13. For further information, please contact our technical service department.

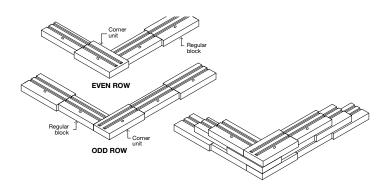
FREESTANDING WALLS - GRAPHIX



GRAPHIX

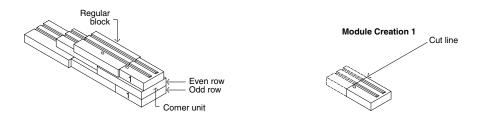
- A. TECHO-BLOC CAP UNIT SECURED TO UNIT BELOW WITH FLEXLOCK ADHESIVE
- **B.** GRAPHIX DOUBLE-SIDED WALL UNITS SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- C. CONNECTOR
- **D.** EMBEDMENT DEPTH, 6" (150 mm) MIN.
- **E.** 23 ½" (600 mm) MAX.
- F. FOR THE FIRST ROW, ALWAYS USE THE DEEPER GRAPHIX BLOCK
- **G.** GEOTEXTILE
- **H.** COMPACTED GRANULAR LEVELING PAD, 6" (150 mm) THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

90° CORNER OF A DOUBLE-SIDED WALL



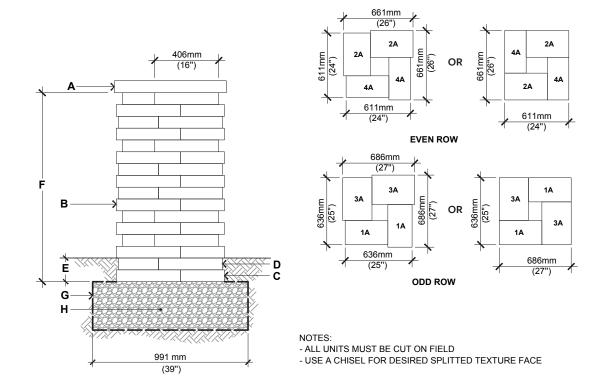
- 1. Alternate odd and even rows.
- 2. Stagger joints from one row to the next.
- 3. Glue all modules at each row with Flexlock adhesive.
- **4.** Connectors are not illustrated to avoid overloading the image.
- **5.** It is possible to alternate the blocks (1, 2, 3 or 4) in the same row to create different patterns. However, a corner block (1A, 2A, 3A or 4A) must always be present at the end of a row and must be alternated for each subsequent row.
- **6.** At the corner, make sure to place the blocks so that the grooves of the block cannot be seen.

DOUBLE-SIDED WALL - END OF A STRAIGHT WALL



* It is possible to alternate the blocks (1, 2, 3 or 4) in the same row to create different patterns. However, a corner block and a cut corner block (1A, 2A, 3A or 4A) must always be present at the end of a row and must be alternated for each subsequent row.

PILLARS - GRAPHIX



GRAPHIX

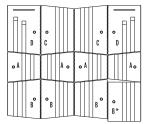
- A. PILLAR CAP UNIT (SECURE WITH FLEXLOCK ADHESIVE)
- B. GRAPHIX CORNER UNIT
 SECURE EACH ROW WITH FLEXLOCK ADHESIVE
 CUT EACH BLOCK AT 16" (406 mm) FROM THE CORNER EDGE
- C. USE THE BLOCKS 1A-3A FOR THE ODD ROWS
- **D.** USE THE BLOCKS 2A-4A FOR THE EVEN ROWS
- E. EMBEDMENT DEPTH 6" (150 mm) MIN.
- F. 23 5/8" (600 mm) HEIGHT PER PALLET 47 1/4" (1200 mm) MAXIMUM HEIGHT
- **G.** GEOTEXTILE
- **H.** COMPACTED GRANULAR BASE 6" (150 mm) THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS



MINI-CRETA 3" ARCHITECTURAL

DESCRIPTION: Wall double-sided **TEXTURE:** Split face with straight edged corners

PALLET OVERVIEW





COMPATIBLE CAPS

See page 140 for product compatibility.

NOTES

When building a double-sided wall one pallet will cover an average of 21.76 ${\rm ft}^2$.

B* unit can be used as a regular or vertical unit.

Specificati	ons per p	allet	Im	perial		Metric	
			24	ft²		2.23 m ²	
Cubing			95.01 lin. ft		28.96 lin. m		
Approx. Wei	ght		2 4	2 465 lbs		1 118 kg	
Minimum ra	dius		7 f	t		2.1 m	
Number of r	OWS		8				
Coverage pe	r row		3 f	t ²		0.28 m ²	
Linear cover	age per row	1	11	.88 lin. ft		3.62 lin. m	
L2		Unit dimensi	ons	in	mm	Units/pallet	
H D	Α -	He	ight	2 15/16	75	32 units	
LI	- 4	De	pth	9 13/16	250		
	100	Leng	th 1	9 1/16	230		
		Leng	th 2	7 ½16	180		
В		l lo	i odne	2 15/	75	24 units	
			ight	2 15/16		24 units	
	100 mm	2000	pth	9 13/16	250		
	1030	Leng		11 ¹³ / ₁₆	300		
_		Leng	tn Z	9 13/16	250		
B*	-	He	ight	2 15/16	75	8 units	
		De	pth	9 ¹³ / ₁₆	250		
	400	Leng	th 1	11 ¹³ / ₁₆	300		
		Leng	th 2	11 ¹³ / ₁₆	300		
С		He	ight	2 15/16	75	16 units	
			pth	9 13/16	250	10 driits	
	al North	Leng		14 3/4	375		
	- Anna Millian	Leng		12 ¹³ / ₁₆	325		
D		1.1	iah+	2 15/	7.	17	
			ight	2 15/16	75 250	16 units	
	-		pth	9 ¹³ / ₁₆	250	8 right corners 8 left corners	
		Leng		14 3/4	375	o lett corners	
		Leng	ul Z	13 ¾	350		

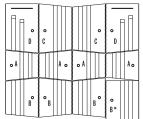




MINI-CRETA 6" ARCHITECTURAL

DESCRIPTION: Wall double-sided **TEXTURE:** Split face with straight edged corners

PALLET OVERVIEW





COMPATIBLE CAPS

See page 140 for product compatibility.

NOTES

When building a double-sided wall one pallet will cover an average of 27.21 ft².

B* unit can be used as a regular or vertical unit.

Specifications per pallet	Impe	rial	Meti	ric
	30 ft	t ²	2.79	9 m²
Cubing	59.3	59.38 lin. ft		10 lin. m
Approx. Weight	3 08	6lbs	1 40	00 kg
Minimum radius	7 ft		2.1	m
Number of row	5			
Coverage per row	6 ft ²		0.56	5 m ²
Linear coverage per row	11.8	8 lin. ft	3.62	2 lin. m
L2 U	Jnit dimensions	in	mm	Units/pallet
H A	Height	5 %	150	20 units
	Depth	9 13/16	250	
	Length 1	9 1/16	230	
	Length 2	7 ½16	180	
В	Height	5 1/8	150	15 units
Sec	Depth	9 13/16	250	
	Length 1	11 ¹³ / ₁₆	300	
	Length 2	9 13/16	250	
B*	Height	5 %	150	5 units
	Depth	9 ¹³ / ₁₆	250	J units
A Comment	Length 1	11 ¹³ / ₁₆	300	
	Length 2	11 13/16	300	
(
	Height	5 %	150	10 units
	Depth	9 13/16	250	
	Length 1	$14\frac{3}{4}$	375	
	Length 2	12 ¹³ / ₁₆	325	
D	Height	5 %	150	10 units
	Depth	9 13/16	250	5 right corners
	Length 1	14 3/4	375	5 left corners
	Length 2	13 3/4	350	







PILLAR 24" MINI-CRETA ARCHITECTURAL

DESCRIPTION: Pillar **TEXTURE:** Split face with straight edged corners

PALLET OVERVIEW

	A



COMPATIBLE CAPS

See page 140 for product compatibility.

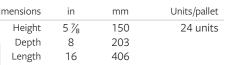
NOTES

Cubing 48 units 48 units Approx. Weight 1 537 lbs 697 kg	Metric	Imperial	cifications per pallet	Spe
Approx. Weight 1 537 lbs 697 kg	48 units	48 units	Cubing	×3°
	697 kg	1 537 lbs	Approx. Weight	
Number of rows 6		6	Number of rows	
Pillar height 35 ½ in 900 mm	900 mm	35 ½ in	Pillar height	PII

	Λ	limensions	in	mm	Units/pallet
L D	A	Height	2 15/16	75	48 units
		Depth	8	203	
1	Margaret Will	Length	16	406	

Spe	cifications per pallet	Imperial	Metric
*9×	Cubing	24 units	24 units
24″×6′	Approx. Weight	1 510 lbs	685 kg
-LAR	Number of rows	3	
PIL	Pillar height	35 ½ in	900 mm









TECHO—BLOC

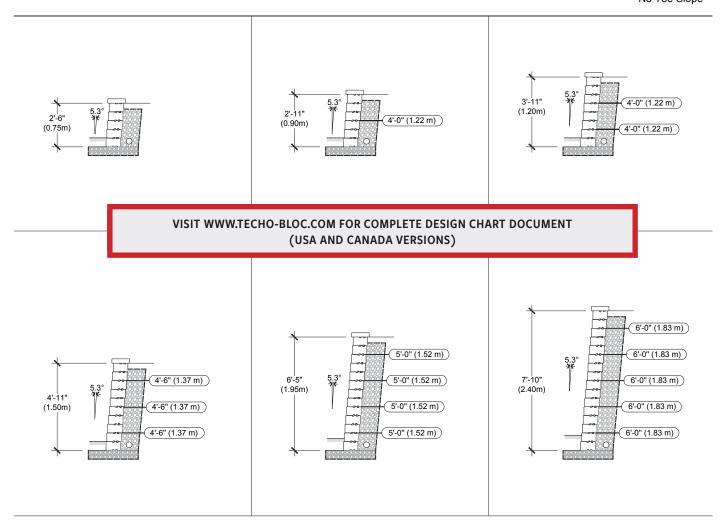
DESIGN CHART MINI-CRETA 6"

(EQUIVALENT TO TWICE THE MINI-CRETA 3")
SETBACK POSITION

CASE N° 1:

CLEAN SAND/GRAVEL/ SAND AND GRAVEL MIXES (Ø=34°, γ = 120 pcf)
GEOGRID: MIRAGRID 3XT BY TENCATE (RFd=1.10, RFcr=1.45, RFid=1.25, Cds=0.9, Ci=0.9)

No Surcharge No Backslope No Toe Slope

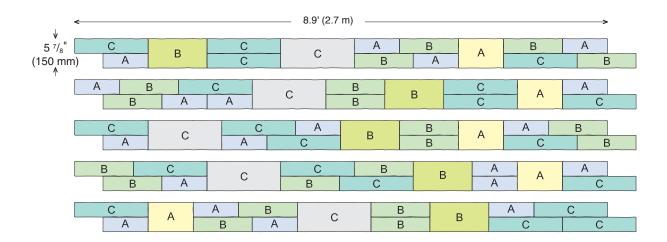


- 1. The information contained in the design charts is supplied for information purposes only and as such should only be used for preliminary designs.
- 2. The height (H) of the wall is the total height from the leveling pad to the top of the wall not including the thickness of the cap.
- 3. Soil parameters: reinforced soil ($\phi = 34^\circ$, $\gamma = 120$ pcf); retained soil ($\phi = 34^\circ$, $\gamma = 120$ pcf); foundation soil ($\phi = 34^\circ$, $\gamma = 120$ pcf)
- 4. A qualified engineer should be consulted for the final design to be used for construction.
- 5. The foundation soil must be able to support the wall system. The bearing capacity of the foundation soil, settlement, and global stability must be verified and validated by a qualified geotechnical engineer.
- 6. The seismic analysis is not included.
- 7. The design charts do not apply to tiered walls.
- 8. The charts assume that the walls are constructed in accordance with Techo-Bloc specifications, good construction practice and an adequate drainage system.
- 9. The geogrid layout has been optimized to satisfy the design requirements of the NCMA's Design Manual for Segmental Retaining Walls, 3rd Edition.
- 10. The minimum burial depth must be 6 in (150 mm) or 10% of the exposed height, whichever is greater.
- 11. Engineering judgement should be used when interpolating between heights.
- 12. Techo-Bloc and its predecessors, successors, beneficiaries, employees, associates, administrators and insurers accepts no liability for the incorrect use of information contained in the design charts.
- 13. For further information, please contact our technical service department.

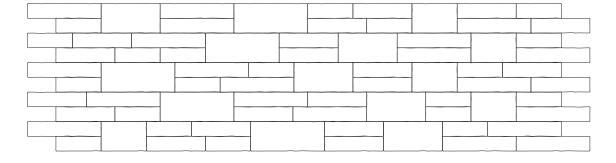
RETAINING WALLS - MINI-CRETA 3" AND 6"

1-Row Pattern | Laying Patterns

The 1-row pattern provides five different combinations. Each combination is 8.9′ (2.7 m) long and 5 ¾″ (150 mm) high. This pattern can be used to lay the last course of units or when the other models cannot be used.



NUMBER OF BLOCKS REQUIRED	MODULE		
MINI-CRETA	Α	B OR B*	C OR D
67% of the surface - Mini-Creta 3″	4	4	4
33% of the surface - Mini-Creta 6"	1	1	1

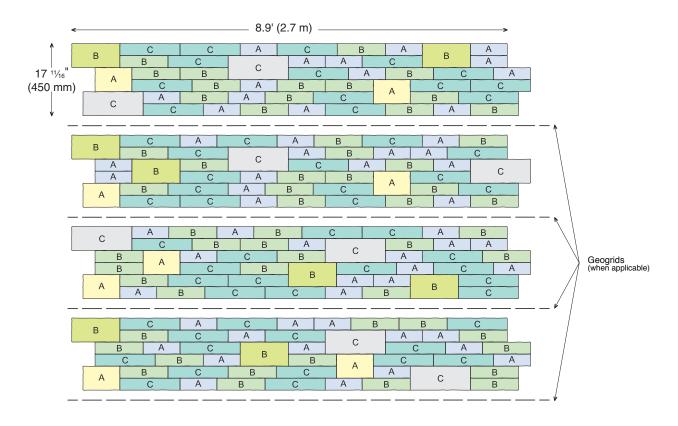


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RETAINING WALLS - MINI-CRETA 3" AND 6"

3-Row Pattern | Laying Patterns

The 3-row pattern provides four different combinations. Each combination is 8.9′ (2.7 m) long and 17 $^{1}/_{16}$ ″ (450 mm) high. This pattern gives a leveled surface every 17 $^{1}/_{16}$ ″ (450 mm), which is the recommended spacing between two layers of geogrid in a Mini-Creta wall. **This pattern is recommended when using geogrid.**

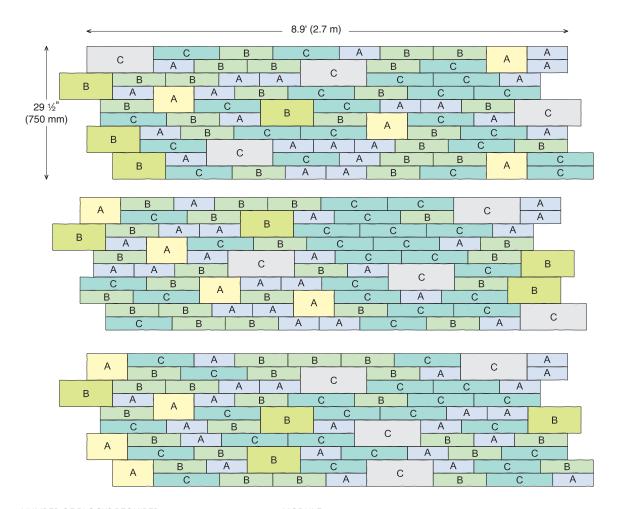


NUMBER OF BLOCKS REQUIRED	MODULE		
MINI-CRETA	Α	B OR B*	C OR D
78% of the surface - Mini-Creta 3″	14	14	14
22% of the surface - Mini-Creta 6"	2	2	2

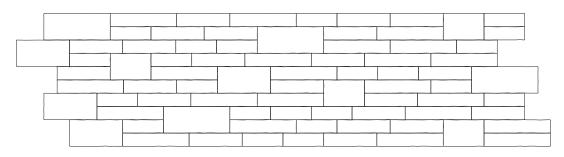
RETAINING WALLS - MINI-CRETA 3" AND 6"

5-Row Pattern | Laying Patterns

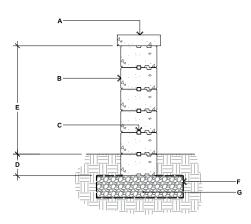
The 5-row pattern provides three different combinations. Each combination is 8.9′ (2.7 m) long and 29 ½″ (750 mm) high. **This pattern should only be used when geogrid is not required.**



NUMBER OF BLOCKS REQUIRED	MODULE		
MINI-CRETA	Α	B OR B*	C OR D
73% of the surface - Mini-Creta 3"	22	22	22
27% of the surface - Mini-Creta 6"	4	4	4



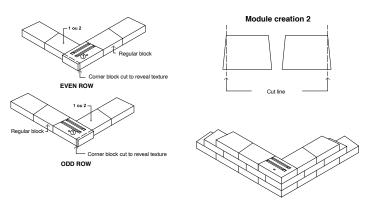
FREESTANDING WALLS - MINI-CRETA 3" AND 6"



MINI-CRETA 3" & 6"

- A. TECHO-BLOC CAP UNIT SECURED TO UNIT BELOW WITH FLEXLOCK ADHESIVE
- MINI-CRETA 3" AND 6" DOUBLE-SIDED WALL UNITS SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- **C.** CONNECTOR
- **D.** EMBEDMENT DEPTH, 6" (150 mm) MIN.
- **E.** 29 ½16" (750 mm) MAX.
- F. GEOTEXTILE
- **G.** COMPACTED GRANULAR LEVELING PAD, 6" (150 mm) THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

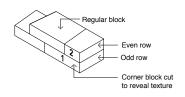
90° CORNER OF A DOUBLE-SIDED WALL

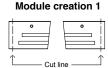


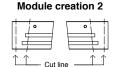
The corner block must be cut to reveal the texture

- 1. Alternate odd and even rows.
- 2. Stagger joints from one row to the next.
- 3. Glue all modules at each row with Flexlock adhesive.
- **4.** Cavities, grooves and connectors are not illustrated to avoid overloading the image.
- 5. It is possible to alternate the blocks (A, B or C) in the same row to create different patterns. However, a corner block must always be present at the end of a row and must be alternated for each subsequent row.

DOUBLE-SIDED WALL - END OF A STRAIGHT WALL

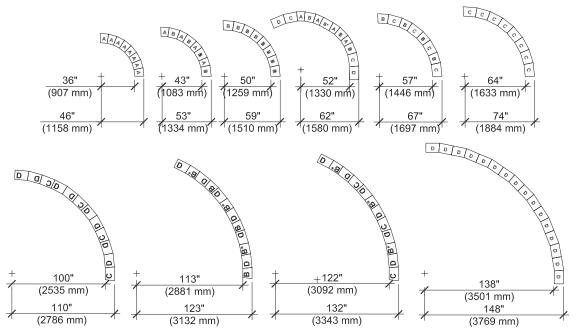






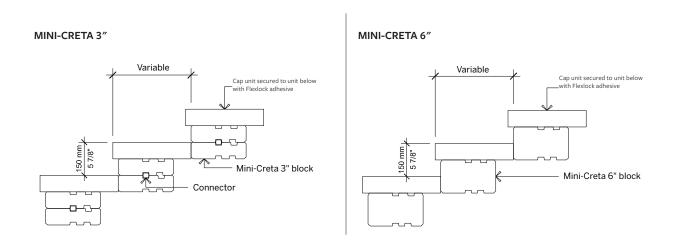
* It is possible to alternate the blocks (A, B or C) in the same row to create different patterns. However, a corner block must always be present at the end of a row and must be alternated for each subsequent row.

DOUBLE-SIDED WALL RADIUS - MINI-CRETA 3" AND 6"



It is the user's responsibility to verify for the quantity of materials required.

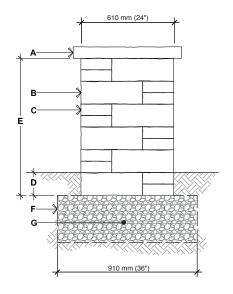
STEPS

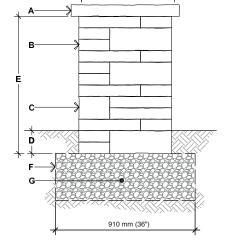


For all possible combinations of pillars and caps, please refer to the correspondence table on page 140

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PILLARS- MINI-CRETA 3" AND 6"





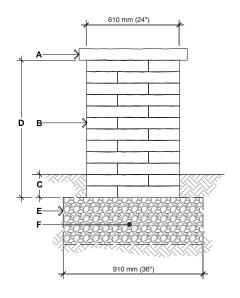
610 mm (24")

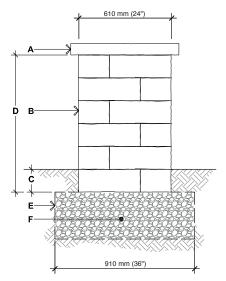
PILLAR 24"x3" & 24"x6"
MINI-CRETA - OPTION A

- **A.** PILLAR CAP UNIT (SECURE WITH FLEXLOCK ADHESIVE)
- **B.** PILLAR 24" × 6" (MINI-CRETA) UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- **C.** PILLAR $24'' \times 3''$ (MINI-CRETA) UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- D. EMBEDMENT 6" (150 mm) MIN.
- **E.** 35 ½6" (900 mm) 47 ½" (1200 mm), MAXIMUM HEIGHT
- F. GEOTEXTILE
- **G.** COMPACTED GRANULAR BASE 150 mm (6") THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

- PILLAR 24"×3" & 24"×6"
 MINI-CRETA OPTION B
- **A.** PILLAR CAP UNIT (SECURE WITH FLEXLOCK ADHESIVE)
- **B.** PILLAR $24'' \times 3''$ (MINI-CRETA) UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- **C.** PILLAR 24" × 6" (MINI-CRETA) UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- D. EMBEDMENT 6" (150 mm) MIN.
- **E.** 35 7/6" (900 mm) 47 1/4" (1200 mm), MAXIMUM HEIGHT
- F. GEOTEXTILE
- **G.** COMPACTED GRANULAR BASE 150 mm (6") THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

PILLARS- MINI-CRETA 3" AND 6"





PILLAR 24"×3"

MINI-CRETA

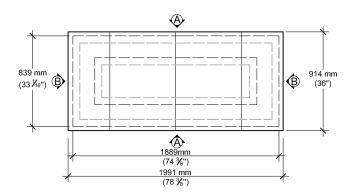
- **A.** PILLAR CAP UNIT (SECURE WITH FLEXLOCK ADHESIVE)
- **B.** PILLAR 24" × 3" (MINI-CRETA) UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- C. EMBEDMENT 6" (150 mm) MIN.
- **D.** $35 \%_6$ " (900 mm), HEIGHT PER PALLET 47 %" (1200 mm), MAXIMUM HEIGHT
- E. GEOTEXTILE
- F. COMPACTED GRANULAR BASE 150 mm (6") THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

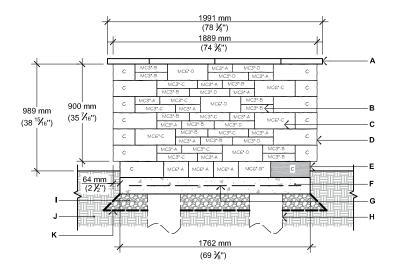
→ PILLAR 24"×6"

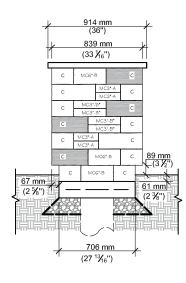
MINI-CRETA

- **A.** PILLAR CAP UNIT (SECURE WITH FLEXLOCK ADHESIVE)
- **B.** PILLAR $24'' \times 6''$ (MINI-CRETA) UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- C. EMBEDMENT 6" (150 mm) MIN.
- **D.** $35 \%_{16}$ " (900 mm), HEIGHT PER PALLET 47 %" (1200 mm), MAXIMUM HEIGHT
- E. GEOTEXTILE
- F. COMPACTED GRANULAR BASE 150 mm (6") THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

GRILL ISLAND 6 FT - MINI-CRETA 3" AND 6"







ELEVATION A ELEVATION B

- **A.** YORK COUNTER TOP $24'' \times 36'' \times 2 \frac{1}{4}''$
- **B.** MINI-CRETA 3" UNIT (A, B, B*, C, OR D)
- C. MINI-CRETA 6" UNIT (A, B, B*, C, OR D)
- **D.** PILLAR 24" × 36" (MINI-CRETA) UNIT
- **E.** PILLAR $24'' \times 36''$ (MINI-CRETA) UNIT (CUT ON FIELD)
- F. CAST IN PLACE CONCRETE SLAB 4350 psi (30 MPa), 5" (125 mm) THICK
- **G.** 4X4-4/4 (102X102-MW25.8XMW25.8) WELDED WIRE MESH AND/OR REBAR AS PER SITE CONDITIONS
- H. 12" (300 mm) DIA. CONCRETE PILLAR, AS PER LOCAL CODE
- 3/4" (20 mm) CLEAN STONE
 6" (150 mm) THICK MIN. AS PER SITE CONDITIONS
- J. NATURAL SOIL OR COMPACTED BACKFILL
- K. GEOTEXTILE

QUANTITY OF MATERIALS REQUIRED

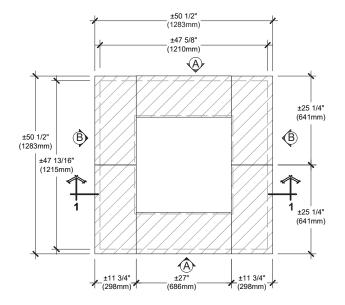
- York Counter top $24'' \times 36'' \times 2 \frac{1}{4}''$: **4**
- Mini-Creta 3" unit: **32** A, **24** B, **8** B*, **14** C, **10** D
- Mini-Creta 6" unit: 6 A, 6 B, 2 B*, 6 C, 6 D
- Pillar 24" × 6" (Mini-Creta) unit: 28

NOTE: Appliances and utilities may vary for each project and are not shown on this drawing. This drawing is shown for inspiration only and surplus or shortage of materials may result. It is the user's responsibility to verify for the quantity of materials required. Secure the blocks using a heat resistant concrete adhesive. The installer must ensure that the installation and use of the grill island comply with local regulations and code requirements. Concrete pillars extending to frost line may be required as per local code. Check your local building code before installing.

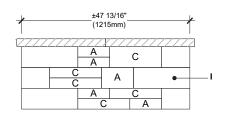
echo-bloc.com

INSTALLATION GUIDE

SQUARE FIRE PIT - MINI-CRETA 3" AND 6"



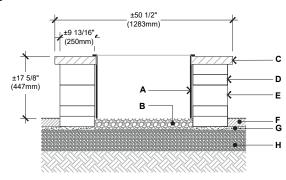
ELEVATION A



ELEVATION B

ZZ CUT ON FIELD

TOP



SECTION 1-1

- A. STEEL BOX INSERT
- B. CLEAN CTONE 3/4" (20 mm), 4" (100 mm) THICK
- C. PIEDIMONTE CAP (12"X30")
- D. MINI-CRETA 3" BLOCK
- E. MINI-CRETA 6" BLOCK
- F. TECHO-BLOC PAVERS OR SLABS
- G. SETTING BED 1" (25 mm)
- H. COMPACTED GRANULAR 0- 3/4" (0-20 mm)
- I. PILLAR 24"X6" MINI-CRETA

QUANTITY OF MATERIALS REQUIRED

- Piedimonte Cap (12"x30") = 6
- Mini-Creta 3" (A) = 8
- Mini-Creta 3" (B or B*) = 8
- Mini-Creta 3" (C or D) = 8
- Mini-Creta 6" (A) = 4
- Mini-Creta 6" (B or B*) = 4
- Mini-Creta 6" (C or D) = 4
- Pillar 24"x6" Mini-Creta= 12

NOTE: Secure the blocks using a heat resistant concrete adhesive.

The installer must ensure that the installation and use of the firepit comply with local regulations and code requirements.



PRESCOTT 2.25"

DESCRIPTION: Wall double-sided **TEXTURE:** Natural stone

PALLET OVERVIEW







COMPATIBLE CAPS

See page 140 for product compatibility.

NOTES

When building a double-sided wall one pallet will cover an average of 25.23 \mbox{ft}^2 .

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

The dimensional tolerance for Stonedge wet cast retaining wall units is: $\pm\,\frac{3}{16}''$ (5 mm) for height and $\pm\,\frac{1}{2}''$ (13 mm) for length and width. During the installation, the level between adjacent wall units will vary (usually more than for a dry cast wall unit) in order to obtain a more realistic appearance of a natural stone wall.

See page 135 to 156 for more technical information.

Specifications per pallet	Imper	rial	Metri	С
6.1:	27 ft	27 ft ²		m ²
Cubing	144	in. ft	43.89	9 lin. m
Approx. Weight	2 66	1 lbs	1 20	7 kg
Minimum radius	5.2 ft	t	1.6 n	n
Number of rows	12			
Coverage per row	2.25	ft ²	0.21	m ²
Linear coverage per row	12 lir	n. ft	3.66	lin. m
L2 H A Un	it dimensions Height	in 2 ½	mm 57	Units/pallet 36 units
	Depth Length 1 Length 2	9 ¹³ / ₁₆ 9 7 ⁷ / ₁₆	250 229 189	
В	Height Depth Length 1 Length 2	2 ½ 9 ¹³ / ₁₆ 12 10 7/ ₁₆	57 250 305 265	72 units
C	Height Depth	2 ½ 9 ¹³ ⁄ ₁₆	57 250	36 units

Length 1

Length 2

15

13 1/16

381

341







PRESCOTT 4.5"

DESCRIPTION: Wall double-sided **TEXTURE:** Natural stone

PALLET OVERVIEW

B B B	C
B B	C
B B B	C





COMPATIBLE CAPS

See page 140 for product compatibility.

When building a double-sided wall one pallet will cover an average of 25.23 ft².

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

The dimensional tolerance for Stonedge wet cast retaining wall units is: $\pm \frac{3}{16}$ " (5 mm) for height and $\pm \frac{1}{2}$ " (13 mm) for length and width. During the installation, the level between adjacent wall units will vary (usually more than for a dry cast wall unit) in order to obtain a more realistic appearance of a natural stone wall.

See page 135 to 156 for more technical information.

Specifications per pallet	t Impe	rial	Metr	ic
C. hin -	27 ft	t ²	2.51	m ²
Cubing	72 lii	n. ft	21.9	5 lin. m
Approx. Weight	2 72	8 lbs	1 23	7 kg
Minimum radius	5.2 f	t	1.6 r	n
Number of rows	6			
Coverage per row	4.50	ft ²	0.42	m ²
Linear coverage per row	12 lii	n. ft	3.66	lin. m
L2	Unit dimensions	in	mm	Units/pallet
H A	Height	4 ½	114	18 units
A GOV	Depth	9 13/16	250	
E BOX	Length 1	9	229	
	Length 2	7 ½ ₁₆	189	
В				
	Height	4 ½	114	36 units
A STATE OF THE PARTY OF THE PAR	Depth	9 13/16	250	
	Length 1	12	305	
	Length 2	10 ½ ₁₆	265	

Height

Depth

Length 1

Length 2

4 ½

9 13/16

15

13 1/16

114

250

381

341

18 units





PRESCOTT

DESCRIPTION: Corners and pillars **TEXTURE:** Natural stone

PALLET OVERVIEW

A		
	TO SERVICE THE	70 Mark 19 100
THE RESERVE OF THE		



COMPATIBLE CAPS

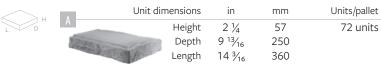
See page 140 for product compatibility.

NOTES

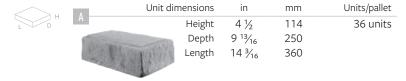
*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

The dimensional tolerance for Stonedge wet cast retaining wall units is: $\pm \, ^3/_6 '' \, (5\,\text{mm})$ for height and $\pm \, ^1\!\! /_2 '' \, (13\,\text{mm})$ for length and width. During the installation, the level between adjacent wall units will vary (usually more than for a dry cast wall unit) in order to obtain a more realistic appearance of a natural stone wall.

Spe	cifications per palle	t Imperial	Metric
2.25"	Cubing	72 units	72 units
2.3	Approx. Weight	1 789 lbs	811 kg
	Number of rows	8	
	Pillar height	40 ½ in	1 029 mm
		Unit dimensions in	mm



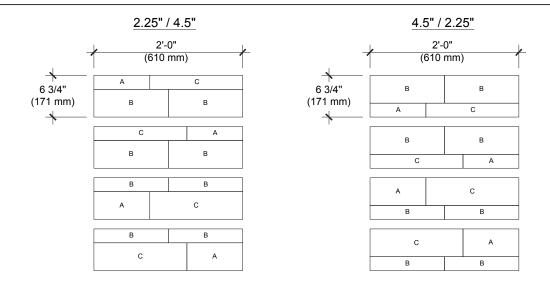
Spe	cifications per pallet	Imperial	Metric
4.5″	Cubing	36 units	36 units
4	Approx. Weight	1 871 lbs	849 kg
	Number of rows	4	
	Pillar height	40 ½"	1 029 mm



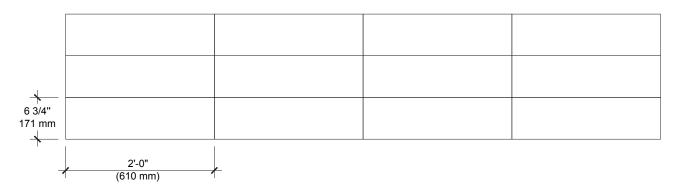


PRESCOTT RETAINING WALL - LAYING PATTERNS

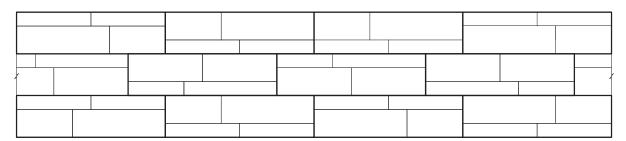
The different modules of the Prescott retaining wall allow the installation of different block combinations. Eight combinations are shown as an example. Each combination is 24" (610 mm) long and 6 3/4" (171 mm) high.



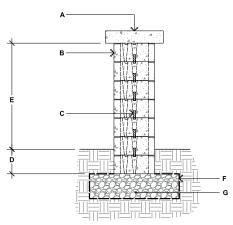
The wall installation will be facilitated if the height of the wall is calculated in multiples of 6 3/4" and the length in multiples of 24".



Percentage of blocks required Prescott 2.25": 33 % of the surface Prescott 4.5": 67 % of the surface



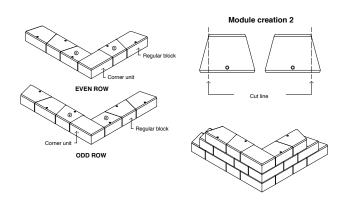
FREESTANDING WALLS - PRESCOTT 2.25" & 4.5"



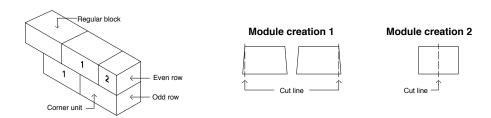
PRESCOTT 2.25" & 4.5"

- A. TECHO-BLOC CAP UNIT, SECURED TO UNIT BELOW WITH FLEXLOCK ADHESIVE
- B. PRESCOTT 2.25" AND 4.5" DOUBLE-SIDED WALL UNITS SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- **C.** CONNECTOR
- **D.** EMBEDMENT DEPTH, 6" (150 mm) MIN.
- **E.** 25 ½" (650 mm) MAX.
- F. GEOTEXTILE
- 5. COMPACTED GRANULAR LEVELING PAD, 6" (150 mm) THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

90° CORNER OF A DOUBLE-SIDED WALL



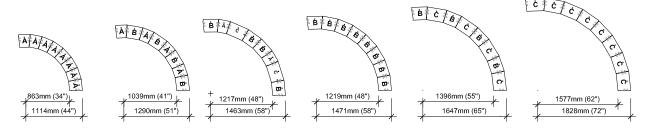
DOUBLE-SIDED WALL - END OF A STRAIGHT WALL



GENERAL NOTES

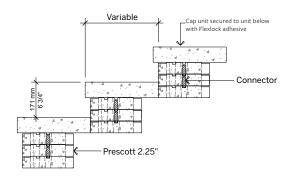
- 1. Alternate odd and even rows.
- 2. Stagger joints from one row to the next.
- 3. Glue all modules at each row with Flexlock adhesive.
- **4.** Cavities, grooves and connectors are not illustrated to avoid overloading the image.

DOUBLE-SIDED WALL RADIUS - PRESCOTT 2.25" & 4.5"

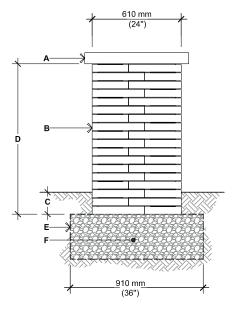


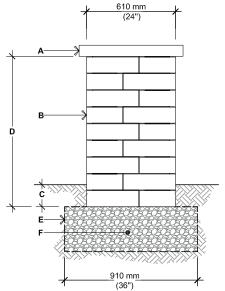
It is the user's responsibility to verify for the quantity of materials required.

STEPS



PILLARS - PRESCOTT 2.25" & 4.5"





PRESCOTT 2.25"

- A. PILLAR CAP UNIT (SECURE WITH FLEXLOCK ADHESIVE)
- **B.** PRESCOTT 2.25" PILLAR UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- C. EMBEDMENT DEPTH, 6" (150 mm) MIN.
- 40 ½" (1 029 mm), HEIGHT PER PALLET 45" (1 143 mm), MAX. HEIGHT
- E. GEOTEXTILE
- F. COMPACTED GRANULAR BASE 6" (150 mm)
 THICK MIN. THICKNESS ACCORDING TO PROJECT
 SPECIFIC CONDITIONS

A. PILLAR CAP UNIT

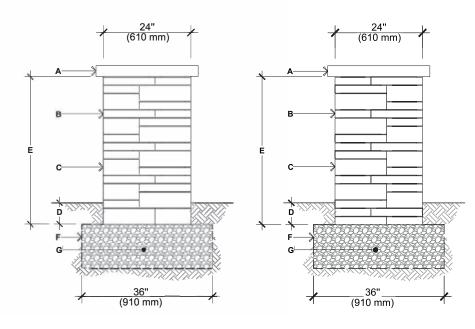
PRESCOTT

(SECURE WITH FLEXLOCK ADHESIVE) **B.** PRESCOTT 4.5" PILLAR UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE

4.5"

- C. EMBEDMENT DEPTH, 6" (150 mm) MIN.
- **D.** 40 ½" (1 029 mm), HEIGHT PER PALLET 45" (1 143 mm), MAX. HEIGHT
- E. GEOTEXTILE
- F. COMPACTED GRANULAR BASE 6" (150 mm) THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

PILLARS - PRESCOTT 2.25" & 4.5"



PRESCOTT 2.25" & 4.5" OPTION A

- **A.** PILLAR CAP UNIT (SECURE WITH FLEXLOCK ADHESIVE)
- **B.** PRESCOTT 2.25" PILLAR UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- C. PRESCOTT 4.5" PILLAR UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- **D.** EMBEDMENT DEPTH, 6" (150 mm) MIN.
- **E.** 40 ½" (1 029 mm) 45" (1 143 mm), MAX. HEIGHT
- F. GEOTEXTILE
- **G.** COMPACTED GRANULAR BASE 6" (150 mm)
 THICK MIN. THICKNESS ACCORDING TO PROJECT
 SPECIFIC CONDITIONS

PRESCOTT 2.25" & 4.5" OPTION B

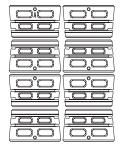
- A. PILLAR CAP UNIT (SECURE WITH FLEXLOCK ADHESIVE)
- PRESCOTT 2.25" PILLAR UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- C. PRESCOTT 4.5" PILLAR UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- **D.** EMBEDMENT DEPTH, 6" (150 mm) MIN.
- 40 ½" (1 029 mm) 45" (1 143 mm), MAX. HEIGHT
- F. GEOTEXTILE
- **G.** COMPACTED GRANULAR BASE 6" (150 mm) THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

NOTE: Two pillars of 40 ½" total height (one option A and one option B) required one pallet of Prescott 4.5" Pillar unit and one pallet of Prescott 2.25" Pillar unit.



DESCRIPTION: Wall **TEXTURE:** Polished (on a single-side only)

PALLET OVERVIEW 90 mm & 180 mm





COMPATIBLE CAPS

See page 140 for product compatibility.

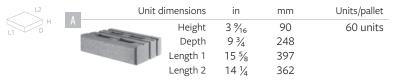
NOTES

Polished only on one side, Smooth on the other side.

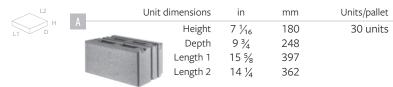
See page 135 to 156 for more technical information.

Polished is made-to-order, minimum order of 500 sq. ft. Deposit required.

Specifications per pallet		Imperial	Metric
ШШ		23.08 ft ²	2.14 m ²
90 mm	Cubing	78.15 lin ft	23.82 lin m
Approx. Weight	1 948 lbs	884 kg	
	Minimum radius	8.5 ft	2.6 m
	Number of rows	3	
	Coverage per row	7.69 ft ²	0.71 m ²
	Linear coverage per row	26.05 lin ft	7.94 lin m



Spe	cifications per pallet	Imperial	Metric
E		23.08 ft ²	2.14 m ²
180 mm	Cubing	39.07 lin ft	11.91 lin m
	Approx. Weight	1 936 lbs	878 kg
	Minimum radius	8.5 ft	2.6 m
	Number of rows	3	
	Coverage per row	7.69 ft ²	0.71 m ²
	Linear coverage per row	13.02 lin ft	3.97 lin m

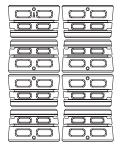






DESCRIPTION: Wall double-sided **TEXTURE:** Smooth

PALLET OVERVIEW 90 mm & 180 mm





COMPATIBLE CAPS

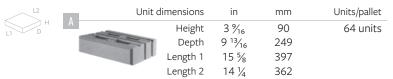
See page 140 for product compatibility.

NOTES

When building a double-sided wall one pallet will cover an average of 23.53 ${\rm ft}^2$.

See page 135 to 156 for more technical information.

Specifications per pallet		Imperial	Metric
ши		24.61 ft ²	2.29 m ²
90 mm	Cubing	83.36 lin. ft	25.41 lin. m
	Approx. Weight	2 060 lbs	934 kg
	Minimum radius	8.5 ft	2.6 m
	Number of rows	8	
	Coverage per row	3.08 ft ²	0.29 m ²
	Linear coverage per row	10.42 lin. ft	3.18 lin. m



Spe	ecifications per pallet	Imperial	Metric
E	C. him -	24.61 ft ²	2.29 m ²
180 mm	Cubing -	41.68 lin. ft	12.70 lin. m
	Approx. Weight	2 071 lbs	939 kg
	Minimum radius	8.5 ft	2.6 m
	Number of rows	4	
	Coverage per row	6.15 ft ²	0.57 m ²
	Linear coverage per row	10.42 lin. ft	3.18 lin. m





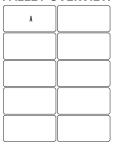


DESCRIPTION: Pillars, corners and edges **TEXTURE:** Polished (on a single-side only)

PALLET OVERVIEW - 90 mm

A	

PALLET OVERVIEW - 180 mm





COMPATIBLE CAPS

See page 140 for product compatibility.

NOTES

Polished only on one side, Smooth on the other side.

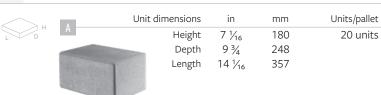
See page 135 to 156 for more technical information.

Polished is made-to-order, minimum order of 500 sq. ft. Deposit required.

Spe	cifications per pallet	Imperial	Metric
m m	Cubing	40 units	40 units
90 г	Approx. Weight	1 559 lbs	707 kg
	Number of rows	2	
	Pillar height	35 ½ ₁₆ ″	900 mm



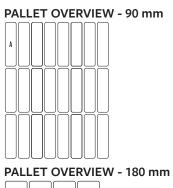
Spe	cifications per pallet	Imperial	Metric
E E	Cubing	20 units	20 units
180 г	Approx. Weight	1 557 lbs	706 kg
	Number of rows	2	
	Pillar height	35 7/16"	900 mm







DESCRIPTION: Pillars, corners and edges **TEXTURE:** Smooth



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COMPATIBLE CAPS

See page 140 for product compatibility.

NOTES

See page 135 to 156 for more technical information.

Specifications per pallet		illet Imper	Imperial		С	
90 mm	Cubing	48 ur	nits	48 uı	nits	
90	Approx. Weight	1 548	3 lbs	702 l	kg	
	Number of rows	2				
	Pillar height	42 ½	42 ½ in		1 080 mm	
	\	Unit dimensions	in	mm	Units/pallet	
\sim	D H A	Height	3 %16	90	48 units	
		Depth	9 13/16	249		
	0.000		- / 10			
		Length	14 1/8	359		
Spe	ecifications per pa	Length	14 1/8	359 Metr	ric	
	ecifications per pa	Length	14 ½			
		Length Illet Impe	14 ½	Metr	ınits	
180 mm	Cubing	Length Illet Impe	14 ½	Metr 24 ι	ınits	
	Cubing Approx. Weight	Length Impe 24 u 1 52	14 1/8 rrial nnits 9 lbs	Metr 24 u 694	ınits	
	Cubing Approx. Weight Number of rows Pillar height	Length Length Length 1 52 2	14 1/8 rrial nnits 9 lbs	Metr 24 u 694	units kg	
	Cubing Approx. Weight Number of rows	Length Length Length 24 u 1 52 2 42 ½	14 1/8 Prial Inits 9 lbs	Metr 24 u 694	units kg 80 mm	
	Cubing Approx. Weight Number of rows Pillar height	Length Length	14 1/8 Prial Inits 9 lbs ½ in in	Metr 24 u 694 1 08	kg 80 mm Units/pallet	



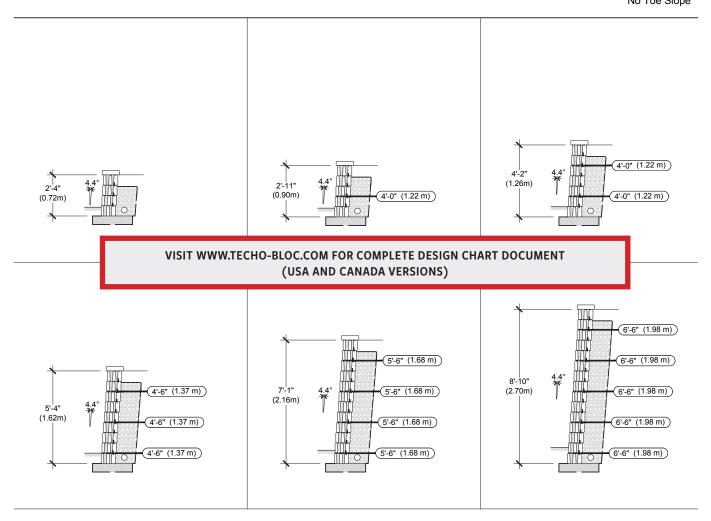
TECHO—BLOC

DESIGN CHART RAFFINATO 180 mm

(EQUIVALENT TO TWICE THE RAFFINATO 90 mm)
SETBACK POSITION

CLEAN SAND/GRAVEL/ SAND AND GRAVEL MIXES (Ø=34°, γ = 120 pcf) GEOGRID: MIRAGRID 3XT BY TENCATE (RFd=1.10, RFcr=1.45, RFid=1.25, Cds=0.9, Ci=0.9)

CASE N° 1: No Surcharge No Backslope No Toe Slope



- 1. The information contained in the design charts is supplied for information purposes only and as such should only be used for preliminary designs.
- 2. The height (H) of the wall is the total height from the leveling pad to the top of the wall not including the thickness of the cap.
- 3. Soil parameters: reinforced soil (ϕ = 34°, γ = 120 pcf); retained soil (ϕ = 34°, γ = 120 pcf); foundation soil (ϕ =34°, γ = 120 pcf)
- 4. A qualified engineer should be consulted for the final design to be used for construction.
- 5. The foundation soil must be able to support the wall system. The bearing capacity of the foundation soil, settlement, and global stability must be verified and validated by a qualified geotechnical engineer.
- 6. The seismic analysis is not included.
- 7. The design charts do not apply to tiered walls.
- 8. The charts assume that the walls are constructed in accordance with Techo-Bloc specifications, good construction practice and an adequate drainage system.
- The geogrid layout has been optimized to satisfy the design requirements of the NCMA's Design Manual for Segmental Retaining Walls, 3rd Edition.
- 10. The minimum burial depth must be 6 in (150 mm) or 10% of the exposed height, whichever is greater.
- 11. Engineering judgement should be used when interpolating between heights.
- 12. Techo-Bloc and its predecessors, successors, beneficiaries, employees, associates, administrators and insurers accepts no liability for the incorrect use of information contained in the design charts.
- 13. For further information, please contact our technical service department.

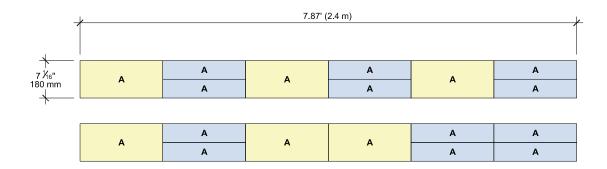
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INSTALLATION GUIDE

RETAINING WALLS - RAFFINATO 90 mm & 180 mm

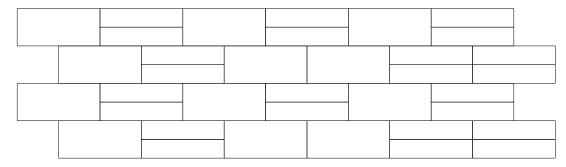
1-Row Pattern | Laying Patterns

The single row model shows two examples combination. Each combination is $2.4 \,\mathrm{m} \ (7.87'')$ long and $180 \,\mathrm{mm} \ (7 \, \%_{16}'')$ high. This model can be used for installing the last row of modules or where other models cannot be used.



NUMBER OF BLOCKS REQUIRED MODULE

RAFFINATO	Α
50 % of the surface - Raffinato 90 mm	6
50 % of the surface - Raffinato 180 mm	3

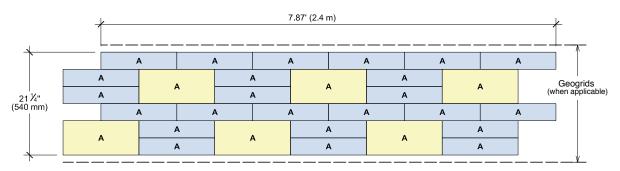


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RETAINING WALLS - RAFFINATO 90 mm & 180 mm

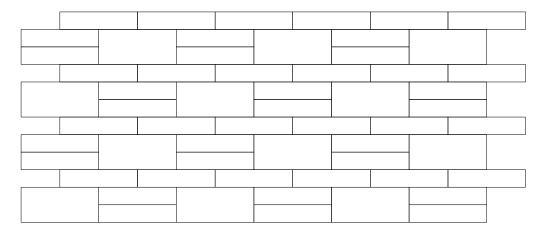
3-Row Pattern | Laying Patterns

The 3-row model is 2.4 m (7.87') long and 540 mm (21 $\frac{1}{4}$ ") high. This model allows for a graded area at every 540 mm (21 $\frac{1}{4}$ "), which corresponds to the recommended spacing between the layers of geogrid in a Raffinato wall. **This model is recommended when using geogrid.**



NUMBER OF BLOCKS REQUIRED MODULE

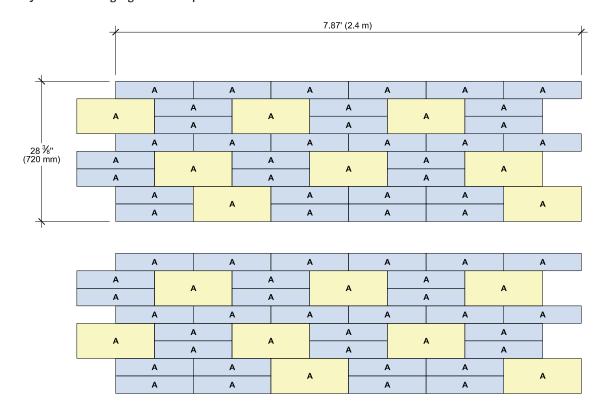
RAFFINATO	Α
67 % of the surface - Raffinato 90 mm	24
33 % of the surface - Raffinato 180 mm	6



RETAINING WALLS - RAFFINATO 90 mm & 180 mm

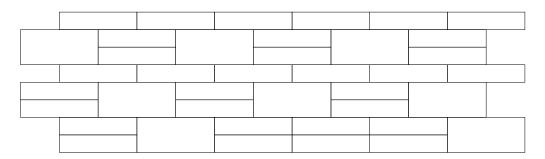
4-Row Pattern | Laying Patterns

The 4-row model shows two combination examples. This combination is 2.4 m (7,87') long and 720 mm (28 \%") high. **This model should** only be used where geogrid is not required.



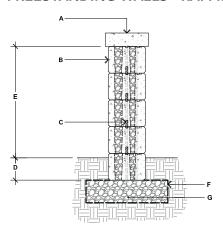
NUMBER OF BLOCKS REQUIRED MODULE

RAFFINATO	Α
67 % of the surface - Raffinato 90 mm	32
33 % of the surface - Raffinato 180 mm	8



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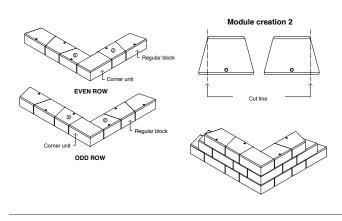
FREESTANDING WALLS - RAFFINATO 90 mm & 180 mm



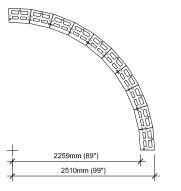
RAFFINATO 90 mm & 180 mm

- TECHO-BLOC CAP UNIT SECURED TO UNIT BELOW WITH FLEXLOCK ADHESIVE
- B. RAFFINATO 90 mm AND 180 mm DOUBLE-SIDED WALL UNITS SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- CONNECTOR C.
- EMBEDMENT DEPTH, 6" (150 mm) MIN.
- 29 1/16" (750 mm) MAX.
- GEOTEXTILE F.
- COMPACTED GRANULAR LEVELING PAD, 6" (150 mm) THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

90° CORNER OF A DOUBLE-SIDED WALL

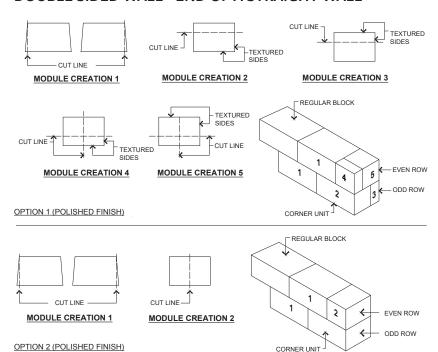


DOUBLE-SIDED WALL RADIUS



It is the user's responsibility to verify for the quantity of materials required.

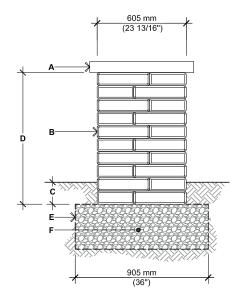
DOUBLE SIDED WALL - END OF A STRAIGHT WALL

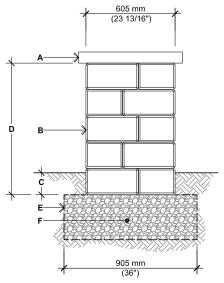


GENERAL NOTES

- 1. Alternate odd and even rows.
- Stagger joints from one row to the next.
- Glue all modules at each row with Flexlock adhesive.
- 4. Cavities, grooves and connectors are not illustrated to avoid overloading the image.

PILLARS - RAFFINATO 90 mm & 180 mm





RAFFINATO 90 mm

- A. STONEDGE COLLECTION PILLAR CAP UNIT, SECURE TO UNITS BELOW WITH FLEXLOCK ADHESIVE
- B. RAFFINATO 90 mm PILLAR UNIT
 SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- C. EMBEDMENT DEPTH: 150 mm (6") MIN.
- **D.** 1 080 mm (42 ½"), MAXIMUM HEIGHT
- E. GEOTEXTILE
- F. COMPACTED GRANULAR BASE 150 mm (6") THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

A. STONEDGE COLLECTION PILLAR CAP UNIT,

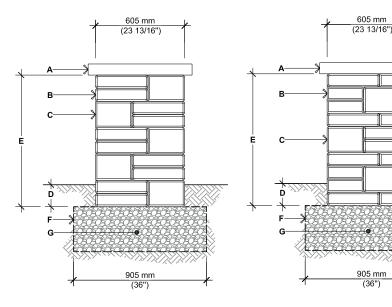
RAFFINATO 180 mm

- SECURE TO UNITS BELOW WITH FLEXLOCK ADHESIVE

 B. RAFFINATO 180 mm PILLAR UNIT
- SECURE EACH ROW WITH FLEXLOCK ADHESIVE
 C. EMBEDMENT DEPTH: 150 mm (6") MIN.
- D. 1080 mm (42 ½"), MAXIMUM HEIGHT
- E. GEOTEXTILE
- F. COMPACTED GRANULAR BASE 150 mm (6") THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

For all possible combinations of pillars and caps, please refer to the correspondence table on page 140

PILLARS - RAFFINATO 90 mm & 180 mm



- RAFFINATO 90 mm & 180 mm OPTION A
- STONEDGE COLLECTION PILLAR CAP UNIT, SECURE TO UNITS BELOW WITH FLEXLOCK ADHESIVE
- RAFFINATO 90 mm PILLAR UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- RAFFINATO 180 mm PILLAR UNIT C. SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- EMBEDMENT DEPTH: 150 mm (6") MIN. D.
- 1 080 mm (42 ½"), MAXIMUM HEIGHT E.
- **GEOTEXTILE** F.
- COMPACTED GRANULAR BASE 150 mm (6") THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

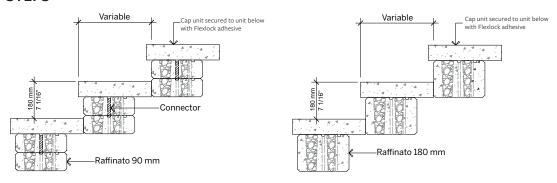
RAFFINATO 90 mm & 180 mm

905 mm

605 mm

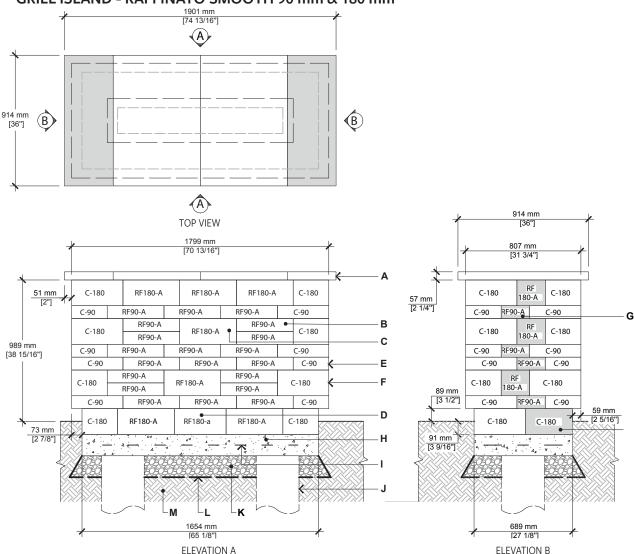
- OPTION B
- STONEDGE COLLECTION PILLAR CAP UNIT, SECURE TO UNITS BELOW WITH FLEXLOCK **ADHESIVE**
- RAFFINATO 90 mm PILLAR UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- RAFFINATO 180 mm PILLAR UNIT C. SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- EMBEDMENT DEPTH: 150 mm (6") MIN. D.
- 1 080 mm (42 ½"), MAXIMUM HEIGHT
- **GEOTEXTILE**
- G. COMPACTED GRANULAR BASE 150 mm (6") THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

STEPS



For all possible combinations of pillars and caps, please refer to the correspondence table on page 140

GRILL ISLAND - RAFFINATO SMOOTH 90 mm & 180 mm



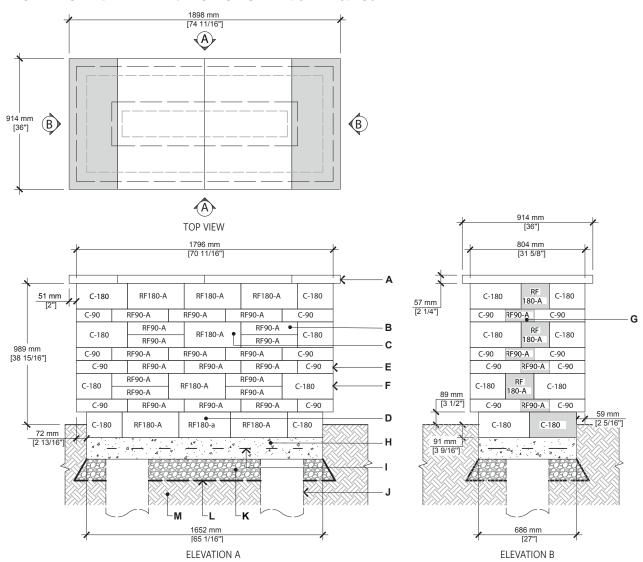
- **A.** YORK COUNTER TOP $24'' \times 36'' \times 2 \frac{1}{4}''$ (CUT ON FIELD AS REQUIRED)
- **B.** RAFFINATO 90 mm UNIT (A) LONG FACE EXPOSED (SHOWN WITH UPPERCASE LETTER)
- C. RAFFINATO 180 mm UNIT (A) LONG FACE EXPOSED (SHOWN WITH UPPERCASE LETTER)
- D. RAFFINATO 180 mm UNIT (A) SHORT FACE EXPOSED (SHOWN WITH LOWERCASE LETTER)
- E. RAFFINATO 90 mm PILLAR UNIT
- F. RAFFINATO 180 mm PILLAR UNIT
- G. RAFFINATO UNIT CUT ON FIELD AS REQUIRED
- H. CAST IN PLACE CONCRETE SLAB 4350 psi (30 MPa), 5" (125 mm) THICK
- 4X4-4/4 (102X102-MW25.8XMW25.8) WELDED WIRE MESH AND/OR REBAR AS PER SITE CONDITIONS
- J. 12" (300 mm) DIA. CONCRETE PILLAR, AS PER LOCAL CODE
- K. 3/4" (20 mm) CLEAN STONE6" (150 mm) THICK MIN. AS PER SITE CONDITIONS
- L. GEOTEXTILE
- M. NATURAL SOIL OR COMPACTED BACKFILL

QUANTITY OF MATERIALS REQUIRED

- York Counter top $24'' \times 36'' \times 2 \frac{1}{4}''$: **4**
- Raffinato 90 mm wall unit: 48 A
- Raffinato 180 mm wall unit: 22 A
- Raffinato 90 mm pillar unit: 16
- Raffinato 180 mm pillarunit: 16

NOTE: Appliances and utilities may vary for each project and are not shown on this drawing. This drawing is shown for inspiration only and surplus or shortage of materials may result. It is the user's responsibility to verify for the quantity of materials required. Secure the blocks using a heat resistant concrete adhesive. The installer must ensure that the installation and use of the grill island comply with local regulations and code requirements. Concrete pillars extending to frost line may be required as per local code. Check your local building code before installing.

GRILL ISLAND - RAFFINATO POLISHED 90 mm & 180 mm



- **A.** YORK COUNTER TOP $24'' \times 36'' \times 2 \frac{1}{4}''$ (CUT ON FIELD AS REQUIRED)
- **B.** RAFFINATO 90 mm UNIT (A) LONG FACE EXPOSED (SHOWN WITH UPPERCASE LETTER)
- **C.** RAFFINATO 180 mm UNIT (A) LONG FACE EXPOSED (SHOWN WITH UPPERCASE LETTER)
- D. RAFFINATO 180 mm UNIT (A) SHORT FACE EXPOSED (SHOWN WITH LOWERCASE LETTER)
- E. RAFFINATO 90 mm PILLAR UNIT
- F. RAFFINATO 180 mm PILLAR UNIT
- G. RAFFINATO UNIT CUT ON FIELD AS REQUIRED
- H. CAST IN PLACE CONCRETE SLAB 4350 psi (30 MPa), 5" (125 mm) THICK
- 4X4-4/4 (102X102-MW25.8XMW25.8) WELDED WIRE MESH AND/OR REBAR AS PER SITE CONDITIONS
- 12" (300 mm) DIA. CONCRETE PILLAR, AS PER LOCAL CODE
- K. 3/4" (20 mm) CLEAN STONE 6" (150 mm) THICK MIN. AS PER SITE CONDITIONS
- L. GEOTEXTILE
- M. NATURAL SOIL OR COMPACTED BACKFILL

QUANTITY OF MATERIALS REQUIRED

- York Counter top 24" × 36" × 2 1/4": 4
- Raffinato 90 mm wall unit: 48 A
- Raffinato 180 mm wall unit: 22 A
- Raffinato 90 mm pillar unit: 16
- Raffinato 180 mm pillarunit: **16**

NOTE: Appliances and utilities may vary for each project and are not shown on this drawing. This drawing is shown for inspiration only and surplus or shortage of materials may result. It is the user's responsibility to verify for the quantity of materials required. Secure the blocks using a heat resistant concrete adhesive. The installer must ensure that the installation and use of the grill island comply with local regulations and code requirements. Concrete pillars extending to frost line may be required as per local code. Check your local building code before installing.



RÖCKA

DESCRIPTION: Wall & edge double-sided **TEXTURE:** Natural stone (Fossil stone)

PALLET OVERVIEW - ROW 1

A	В			
A	В			
C				
A	В			

PALLET OVERVIEW - ROW 2

A	В		
c			
A	В		
A	В		

PALLET OVERVIEW - ROW 3

	C
A	В
A	В
	C



NOTES

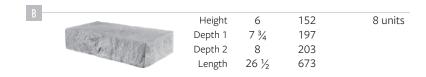
*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

See page 135 to 156 for more technical information.

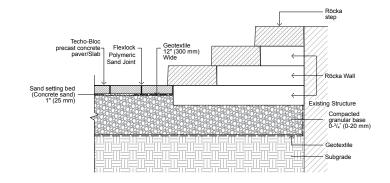
The dimensional tolerance for Stonedge wet cast retaining wall units is: $\pm \frac{3}{16}$ " (5 mm) for height and $\pm\,{}^{1\!\!}/_{\!2}{}''$ (13 mm) for length and width. During the installation, the level between adjacent wall units will vary (usually more than for a dry cast wall unit) in order to obtain a more realistic appearance of a natural stone wall.

Specifications per pallet		Imperial	Metric
Cubing		19.88 ft ²	1.85 m ²
Approx. Weight		1 860 lbs	844 kg
Number of rows		3	
Coverage per row		6.63 ft ²	0.62 m ²
Coverage per unit	А	0.55 ft ²	0.05 m ²
	В	1.10 ft ²	0.10 m ²
	В	1.66 ft ²	0.15 m ²

D2	Λ	dimensions	in	mm	Units/pallet
L D1	A	Height	6	152	8 units
	Now Williams	Depth 1	7 3/4	197	
	是非常是国	Depth 2	8	203	
		Length	13 1/4	337	

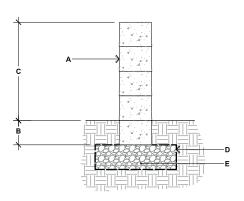








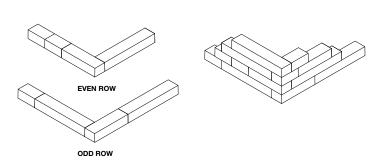
FREESTANDING WALLS - RÖCKA



RÖCKA

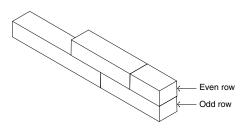
- A. RÖCKA DOUBLE-SIDED WALL UNITS SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- **B.** EMBEDMENT DEPTH, 6" (150 mm) MIN.
- **C.** 24" (612 mm) MAX.
- **D.** GEOTEXTILE
- **E.** COMPACTED GRANULAR LEVELING PAD, 6" (150 mm) THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

90° CORNER OF A DOUBLE-SIDED WALL



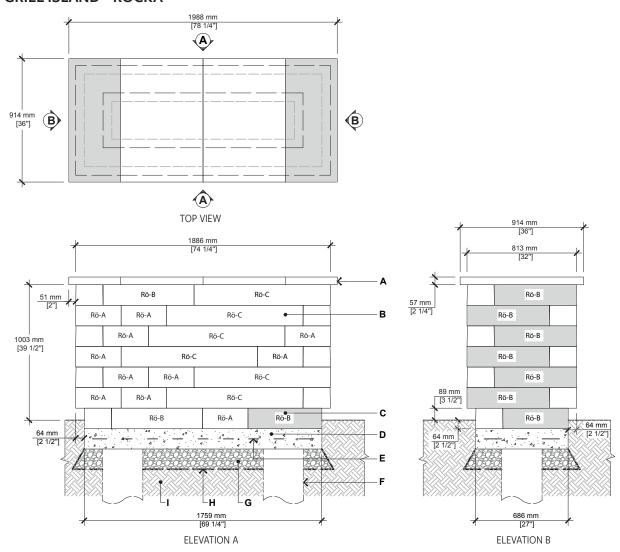
- 1. Alternate odd and even rows
- 2. Stagger vertical joints by at least 1/4 of the length of the block.
- 3. Glue all modules at each row with Flexlock adhesive.
- **4.** It is possible to alternate the blocks (A, B or C) in the same row to create different patterns.

DOUBLE-SIDED WALL - END OF A STRAIGHT WALL



It is possible to alternate the blocks (A, B or C) in the same row to create different patterns. However, a minimum distance of ¼ the length of the block is required between the vertical joints.

GRILL ISLAND - RÖCKA



- **A.** YORK COUNTER TOP 24" X 36" X 2 1/4" (CUT ON FIELD AS REQUIRED)
- RÖCKA WALL UNIT (A, B OR C)
- RÖCKA WALL UNIT CUT ON FIELD AS REQUIRED C.
- CAST IN PLACE CONCRETE SLAB 4350 psi (30 MPa), 5" (125 mm) THICK D.
- 4X4-4/4 (102X102-MW25.8XMW25.8) WELDED WIRE MESH AND/OR REBAR AS PER SITE CONDITIONS
- 12" (300 mm) DIA. CONCRETE PILLAR, AS PER LOCAL CODE
- 3/4" (20 mm) CLEAN STONE 6" (150 mm) THICK MIN. AS PER SITE CONDITIONS
- **GEOTEXTILE**
- NATURAL SOIL OR COMPACTED BACKFILL

QUANTITY OF MATERIALS REQUIRED

- York Counter top $24'' \times 36'' \times 2 \frac{1}{4}''$: **4**
- Röcka wall unit: 22 A, 20 B, 12 C

NOTE: Appliances and utilities may vary for each project and are not shown on this drawing. This drawing is shown for inspiration only and surplus or shortage of materials may result. It is the user's responsibility to verify for the quantity of materials required. Secure the blocks using a heat resistant concrete adhesive. The installer must ensure that the installation and use of the grill island comply with local regulations and code requirements. Concrete pillars extending to frost line may be required as per local code. Check your local building code before installing.

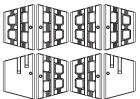
225



SEMMA

DESCRIPTION: Wall double-sided **TEXTURE:** Split Face

PALLET OVERVIEW





COMPATIBLE CAPS

See page 140 for product compatibility.

NOTES

When building a double-sided wall one pallet will cover an average of 21.74 ft².

The corner units for the Semma block should be glued with a concrete adhesive.

The corner unit can be used as a right or left corner unit and as a regular unit.

Metric measures are approximate.

See page 135 to 156 for more technical information.

Speci	fications per pall	et	Imperial		Metric
		40 units		40 units	
Cubing	5		26.25 ft ²		2.44 m ²
			53.33 lin.	ft	16.26 lin. m
Approx	x. Weight		2 363 lbs		1 072 kg
Numbe	er of rows		5		
Covera	age per row		5.25 ft ²		0.49 m ²
Linear	coverage per row		10.67 lin. ft		3.25 lin. m
L	2	Unit dimension	s in	mm	Units/pallet
Li	н А	Heigh	t 5 ½	150	30 units
		Deptl	h 11	279	
Ä	Maria and a service	Length	1 16	406	
REGULAR		Length 2	2 10 ½	266	
В		Heigh	it 5 ½	150	10 units
		Dept		279	TO UTILIS
ORNER	V DE ROSE NOS	Length		406	
$\overline{\mathbb{Z}}$	LANCE CONTRACTOR MAN	Longen	. 10	100	

Length 2

10 ½

266

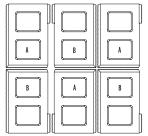




SEMMA

DESCRIPTION: Corner or Pillar **TEXTURE:** Split Face

PALLET OVERVIEW





COMPATIBLE CAPS

See page 140 for product compatibility.

NOTES

See page 135 to 156 for more technical information.

Specifications per pallet	Imperial		Metri	c
Cubing	24 units		24 uı	nits
Approx. Weight	1 403 lbs		636 l	<g< td=""></g<>
Number of rows	4			
Pillar height	35 ½ in		900 mm	
	Unit dimensions	in	mm	Units/pallet
H A-B	Height	5 %	150	24 units
	Depth	10 ½	266	12 right corners
100	Length	16	406	12 left corners



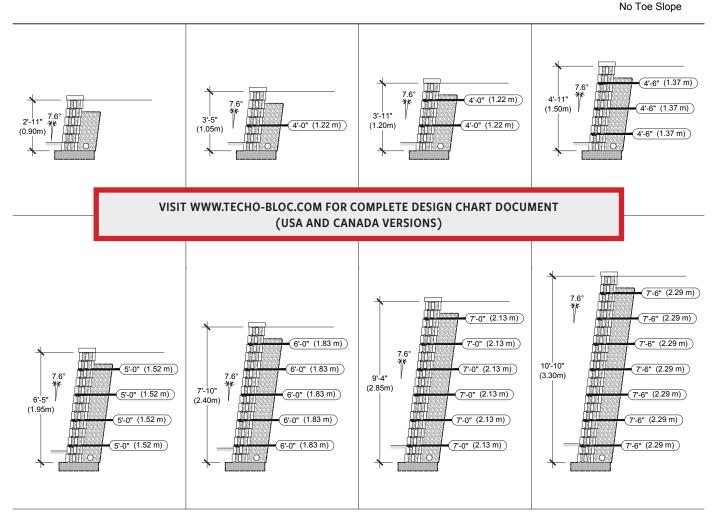
TECHO—BLOC

DESIGN CHART SEMMA

SETBACK POSITION

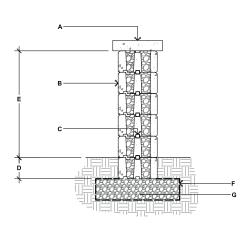
CLEAN SAND/GRAVEL/ SAND AND GRAVEL MIXES (Ø=34°, γ = 120 pcf) GEOGRID: MIRAGRID 3XT BY TENCATE (RFd=1.10, RFcr=1.45, RFid=1.25, Cds=0.9, Ci=0.9)

CASE N° 1: No Surcharge No Backslope



- The information contained in the design charts is supplied for information purposes only and as such should only be used for preliminary designs.
- The height (H) of the wall is the total height from the leveling pad to the top of the wall not including the thickness of the cap.
- Soil paramèters: reinforced soil (ϕ = 34°, γ = 120 pcf); retained soil (ϕ = 34°, γ = 120 pcf); foundation soil (ϕ =34°, γ = 120 pcf) A qualified engineer should be consulted for the final design to be used for construction.
- 4.
- The foundation soil must be able to support the wall system. The bearing capacity of the foundation soil, settlement, and global stability must be verified and validated by a qualified geotechnical engineer.
- The seismic analysis is not included.
- 7. The design charts do not apply to tiered walls.
- The charts assume that the walls are constructed in accordance with Techo-Bloc specifications, good construction practice and an adequate drainage system.
- The geogrid layout has been optimized to satisfy the design requirements of the NCMA's Design Manual for Segmental Retaining Walls, 3rd Edition.
- 10. The minimum burial depth must be 6 in (150 mm) or 10% of the exposed height, whichever is greater.
- 11. Engineering judgement should be used when interpolating between heights.
- 12. Techo-Bloc and its predecessors, successors, beneficiaries, employees, associates, administrators and insurers accepts no liability for the incorrect use of information contained in the design charts.
- 13. For further information, please contact our technical service department.

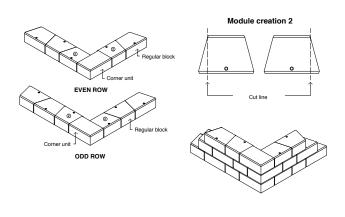
FREESTANDING WALLS - SEMMA



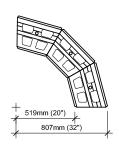
SEMMA

- TECHO-BLOC CAP UNIT SECURED TO UNIT BELOW WITH FLEXLOCK ADHESIVE
- SEMMA DOUBLE-SIDED WALL UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE B.
- C.
- D. EMBEDMENT DEPTH, 6" (150 mm) MIN.
- 29 7/16" (750 mm) MAX.
- GEOTEXTILE F.
- COMPACTED GRANULAR LEVELING PAD, 6" (150 mm) THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

90° CORNER OF A DOUBLE-SIDED WALL

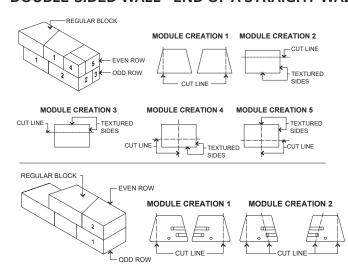


DOUBLE-SIDED WALL RADIUS



It is the user's responsibility to verify for the quantity of materials required.

DOUBLE-SIDED WALL - END OF A STRAIGHT WALL



GENERAL NOTES

- 1. Alternate odd and even rows.
- 2. Stagger joints from one row to the next.
- 3. Glue all modules at each row with Flexlock adhesive.
- 4. Cavities, grooves and connectors are not illustrated to avoid overloading the image.

PILLARS - SEMMA

SEMMA

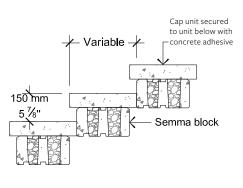
- **A.** PILLAR CAP UNIT (SECURE WITH FLEXLOCK ADHESIVE)
- B. SEMMA PILLAR UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- C. EMBEDMENT 6" (150 mm) MIN.
- **D.** 35 \(\gamma_{16}''\) (900 mm), HEIGHT PER PALLET 47 \(\gamma_{4}''\) (1200 mm), MAXIMUM HEIGHT
- **■** GEOTEYTILE
- **F.** COMPACTED GRANULAR BASE 6" (150mm) THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

D B 975 mm (38 1/2")

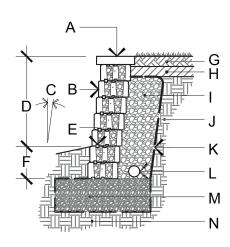
For all possible combinations of pillars and caps, please refer to the correspondence table on page 140

673 mm (26 1/2")

STEPS

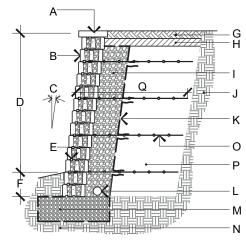


GRAVITY AND REINFORCED WALLS - SEMMA



GRAVITY WALL DETAIL

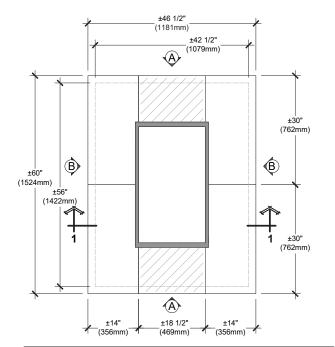
- A. CAP FROM TECHO-BLOC
- **B.** SEMMA BLOCK FROM TECHO-BLOC
- **C.** WALL INCLINATION (7.6°) **D.** EXPOSED HEIGHT
- E. HDPE HORIZONTAL KEY
- F. EMBEDMENT DEPTH
- G. TOP SOIL
- H. LOW PERMEABILITY SOIL
- 1. 3/4" (20 mm) CLEAN STONE, 13" (330 mm) THICK MIN.

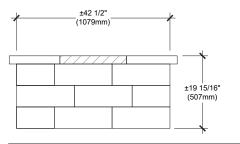


REINFORCED WALL DETAIL

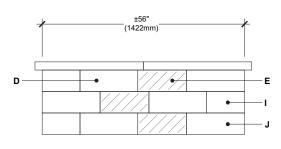
- J. RETAINED SOIL
- **K.** GEOTEXTILE
- L. PERFORATED DRAIN
- M. LEVELING PAD
- N. FOUNDATION SOIL
- O. GEOGRID
- P. REINFORCED SOIL
- Q. GEOGRID LENGTH

FIREPIT - SEMMA

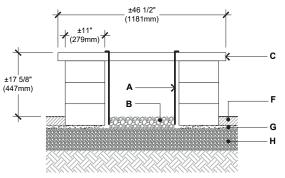




ELEVATION A



TOP



ELEVATION B

CUT ON FIELD

SECTION 1-1

- A. STEEL BOX INSERT
- B. CLEAN STONE 3/4" (20 mm), 4" (100 mm) THICK
- C. PIEDIMONTE CAP 14"X30" (CUT ON FIELD AS REQUIRED)
- D. SEMMA BLOCK (A OR B UNIT)
- E. SEMMA BLOCK (A OR B UNIT) CUT ON FIELD AS REQUIRED
- F. TECHO-BLOC PAVERS OR SLABS
- G. SETTING BED 1" (25 mm)
- H. COMPACTED GRANULAR 0- 3/4" (0-20 mm)
- I. SEMMA PILLAR UNIT (LEFT CORNER)
- J. SEMMA PILLAR (RIGHT CORNER)

QUANTITY OF MATERIALS REQUIRED

Piedimonte Cap (14"x30"): 6 Semma (A or B): 24

Semma Pillar: 12 (8 RIGHT CORNER, 4 LEFT CORNERS)

NOTE: Secure the blocks using a heat resistant concrete adhesive.

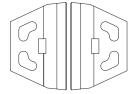
The installer must ensure that the installation and use of the firepit comply with local regulations and code requirements.



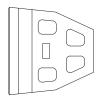
SKYSCRAPER

DESCRIPTION: Wall **TEXTURE:** Smooth

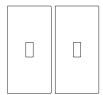
PALLET OVERVIEW - TOP UNIT



PALLET OVERVIEW - MIDDLE UNIT



PALLET OVERVIEW - CORNER UNIT





COMPATIBLE CAPS

See page 140 for product compatibility.

NOTES

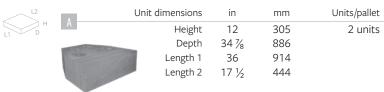
Clamp or Mechanical tool available for machine installation. Check with your local Techo-Bloc representative for more information.

See page 135 to 156 for more technical information.

Specifications per pallet		Imperial	Metric
LIND	Culting	12.00 ft ²	1.11 m ²
TOP U	Cubing	12.00 lin ft	3.66 lin m
Ĭ	Approx. Weight	2 100 lbs	953 kg
	Number of rows	2	
	Coverage per row	6.00 ft ²	0.56 m ²
	Linear coverage per row	6.00 lin ft	1.83 lin m

L2	Α.	Unit dimensions	in	mm	Units/pallet
H D	А	Height	12	305	4 units
	100	Depth	23 1/4	590	
		Length 1	36	914	
	1	Length 2	20 3/16	513	

Specifications per pallet		Imperial	Metric
LINO	Cubing	6.00 ft ²	0.56 m ²
_		6.00 lin ft	1.83 lin m
MIDDLE	Approx. Weight	1 620 lbs	735 kg
2	Number of rows	2	
	Coverage per row	3.00 ft ²	0.28 m ²
	Linear coverage per row	3.00 lin ft	0.91 lin m



Specifications per pallet		Imperial	Metric
F	Cubing	4 units	4 units
ER U	Approx. Weight	2 460 lbs	1 116 kg
CORNER UNI	Number of rows	2	



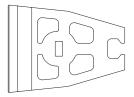




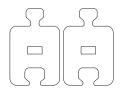
SKYSCRAPER

DESCRIPTION: Wall **TEXTURE:** Smooth

PALLET OVERVIEW - BASE UNIT



PALLET OVERVIEW - EXTENDER UNIT





COMPATIBLE CAPS

See page 140 for product compatibility.

NOTES

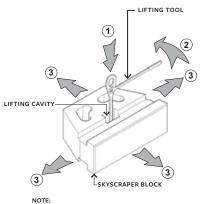
See page 135 to 156 for more technical information.

Spe	ecifications per pallet	Imperial	Metric
TIN TIN	Culting	6.00 ft ²	0.56 m ²
_	Cubing	6.00 lin ft	1.83 lin m
BASE	Approx. Weight	1 860 lbs	844 kg
	Number of rows	2	
	Coverage per row	3.00 ft ²	0.28 m ²
	Linear coverage per row	3.00 lin ft	0.91 lin m

L2	Unit dimensions	in	mm	Units/pallet
H D	Height	12	305	2 units
	Depth	48 1/16	1220	
	Length 1	36	914	
	Length 2	17 ½ ₁₆	440	

Spe	cifications per pallet	Imperial	Metric
F	Cubing	4 units	4 units
ER U	Approx. Weight	1 800 lbs	816 kg
EXTENDER UNIT	Number of rows	2	





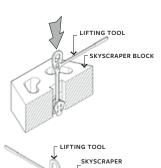


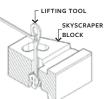
Shale Grey

Chestnut Brown



- 1. INSERT TECHO-BLOC LIFTING TOOL INTO THE LIFTING CAVITY. 2. TURN THE LIFTING TOOL TO LOCK THE SYSTEM.
- 3. MOVE AND INSTALL BLOCK AS REQUIRED.
- 4. USE EQUIPMENT AND RIGGING CONFORMING TO LOCAL CODES AND CAPABLE OF LIFTING EACH UNIT WEIGHT.



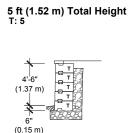


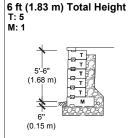
NEAR VERTICAL

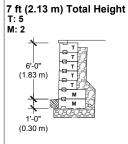
ALLOWABLE STRESS DESIGN

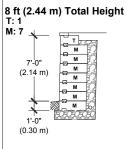
CLEAN SAND/ SAND AND GRAVEL MIXES (Ø=34°, γ = 130 pcf)

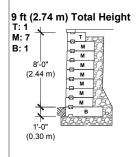
CASE N° 1: No Surcharge No Backslope No Toe Slope



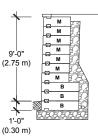


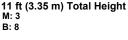


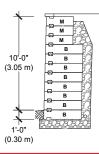


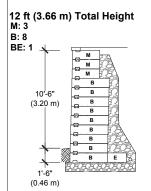


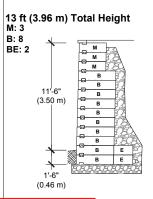






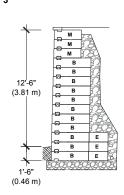




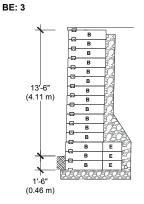


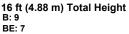
VISIT WWW.TECHO-BLOC.COM FOR COMPLETE DESIGN CHART DOCUMENT (USA AND CANADA VERSIONS)

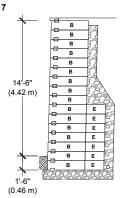
14 ft (4.27 m) Total Height B: 8 BE: 3



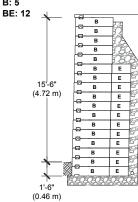
15 ft (4.57 m) Total B: 12





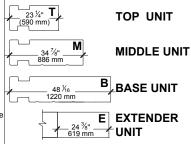


17 ft (5.18 m) Total Height

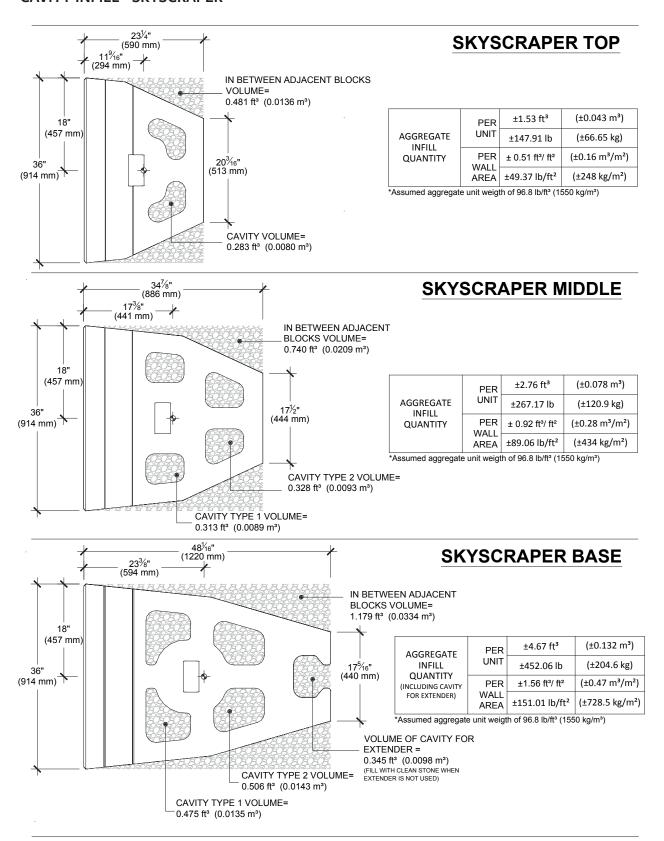


- 1. The information contained in the design charts is supplied for information purposes only and as such should only be used for preliminary
- The height (H) of the wall does not include the thickness of the cap
- Soil parameters: retained soil (ϕ =34°, γ = 130 pcf); foundation soil (ϕ =34°, γ = 120 pcf) A qualified engineer should be consulted for the final design to be used for construction.
- The foundation soil must be able to support the wall system. The bearing capacity of the foundation soil, settlement, and global stability must be verified and validated by a qualified geotechnical engineer. The seismic analysis is not included.
- The design charts do not apply to tiered walls.
- The charts assume that the walls are constructed in accordance with Techo-Bloc specifications, good construction practice and an adequate drainage system.
- Engineering judgement should be used when interpolating between heights.
- Techo-Bloc and its predecessors, successors, beneficiaries, employees, associates, administrators and insurers accepts no liability for the incorrect use of information contained in the design charts.
- 11. For further information, please contact our technical service department

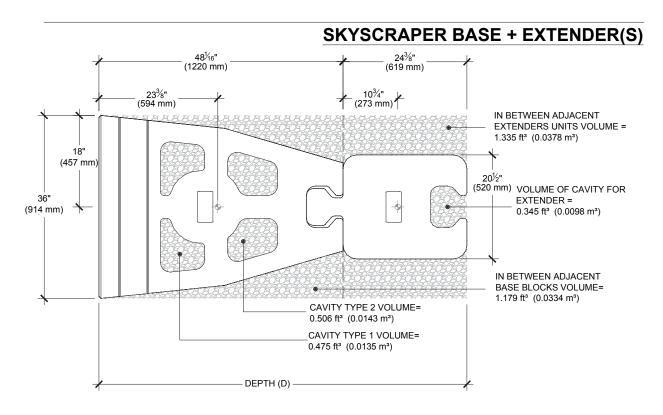
LEGEND:



CAVITY INFILL - SKYSCRAPER



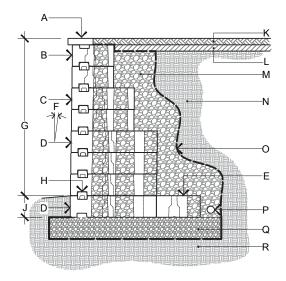
CAVITY INFILL - SKYSCRAPER



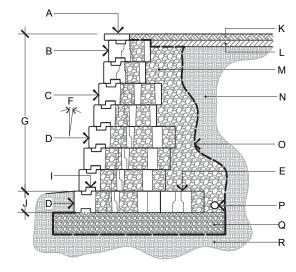
	Aggregate Infill Quantity (INCLUDING CAVITY FOR EXTENDER)											
# OF EXTENDERS	YER UNII						PER WALL AREA					
1	72 3/8 "	1839 mm	±7.35 ft ³	(±0.208 m³)	±711 lb	(±322 kg)	±2.45 ft³/ft²	(± 0.75 m³/m²)	±237 lb/ft²	(±1163 kg/m²)		
2	96 3/4 "	2458 mm	±10.02 ft ³	(±0.283 m³)	±970 lb	(±439 kg)	±3.34 ft³/ft²	(± 1.02 m³/m²)	±323 lb/ft²	(±1581 kg/m²)		
3	121 1/8 "	3077 mm	±12.69 ft ³	(±0.359 m³)	±1228 lb	(±556 kg)	±4.23 ft³/ft²	(± 1.29 m³/m²)	±409 lb/ft²	(±2000 kg/m²)		
4	145 1/2 "	3696 mm	±15.36 ft³	(±0.435 m³)	±1487 lb	(±674 kg)	±5.12 ft³/ft²	(± 1.56 m³/m²)	±496 lb/ft²	(±2418 kg/m²)		
5	169 7/8 "	4315 mm	±18.03 ft ³	(±0.510 m³)	±1745 lb	(±791 kg)	±6.01 ft³/ft²	(± 1.83 m³/m²)	±582 lb/ft²	(±2837 kg/m²)		
6	194 1/4 "	4934 mm	±20.70 ft³	(±0.586 m³)	±2004 lb	(±908 kg)	±6.9 ft³/ft²	(± 2.1 m³/m²)	±668 lb/ft²	(±3255 kg/m²)		

^{*}Assumed aggregate unit weigth of 96.8 lb/ft³ (1550 kg/m³)

GRAVITY WALLS - SKYSCRAPER



GRAVITY NEAR VERTICAL WALL DETAIL



GRAVITY INCLINED WALL DETAIL

- A. CAP FROM TECHO-BLOC
- B. SKYSCRAPER TOP UNIT FROM TECHO-BLOC
- C. SKYSCRAPER MIDDLE UNIT FROM TECHO-BLOC
- D. SKYSCRAPER BASE UNIT FROM TECHO-BLOC
- E. SKYSCRAPER EXTENDER UNIT FROM TECHO-BLOC
- F. WALL INCLINATION:
 - 0.8° (NEAR VERTICAL)
 - 12.7° (INCLINED)
- G. EXPOSED HEIGHT
- H. PRECAST CONCRETE "U" CONNECTOR

- I. PRECAST CONCRETE "Z" CONNECTOR
- J. EMBEDMENT DEPTH
- K. TOP SOIL
- L. LOW PERMEABILITY SOIL
- M. 3/4" (20 mm) CLEAN STONE, 12" (300 mm) THICK MIN
- N. RETAINED SOIL
- O. GEOTEXTILE
- P. PERFORATED DRAIN
- Q. LEVELING PAD
- R. FOUNDATION SOIL



TRAVERTINA RAW

DESCRIPTION: Double-sided wall **TEXTURE:** Brushed Travertine

PALLET OVERVIEW

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		**	



COMPATIBLE CAPS

See page 140 for product compatibility.

NOTES

The dimensional tolerance for Stonedge wet cast retaining wall units is: $\pm\,^3\!\!/_6{''}$ (5 mm) for height and $\pm\,^1\!\!/_2{''}$ (13 mm) for length and width. During the installation, the level between adjacent wall units will vary (usually more than for a dry cast wall unit) in order to obtain a more realistic appearance of a natural stone wall.

See page 135 to 156 for more technical information.

Specifications per pallet	Imperial	Metric
Cubing	31.75 ft²/pal	2.95 m²/pal
	63.5 lin. ft /pal	19.36 lin. m/pal
Approx. Weight	2 902 lbs	1 316 kg
Number of rows	4	
Coverage per units	0.66 ft²/unit	0.06 m²/unit
Coverage per row	7.94 ft ² /row	0.74 m ² /row
Linear coverage per row	15.88 lin. ft/row	4.84 lin. m/row







TRAVERTINA RAW

DESCRIPTION: Corners and pillars **TEXTURE:** Brushed Travertine

PALLET OVERVIEW

^	^	۸
A.		A
A	A	A
^	^	۸



COMPATIBLE CAPS

See page 140 for product compatibility.

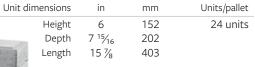
NOTES

The dimensional tolerance for Stonedge wet cast retaining wall units is: $\pm\,^3\!\!/_6{''}$ (5 mm) for height and $\pm\,^1\!\!/_2{''}$ (13 mm) for length and width. During the installation, the level between adjacent wall units will vary (usually more than for a dry cast wall unit) in order to obtain a more realistic appearance of a natural stone wall.

See page 135 to 156 for more technical information.

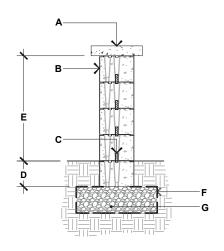
Specifications per pallet	Imperial	Metric
Cubing	24 units	24 units
Approx. Weight	1 576 lbs	715 kg
Number of rows	2	
Pillar height	36 in	914 mm







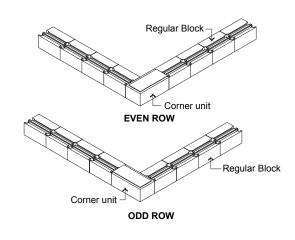
FREESTANDING WALLS - TRAVERTINA RAW

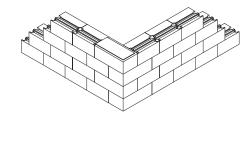


TRAVERTINA RAW

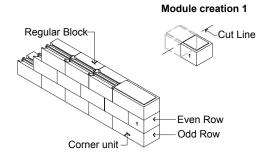
- TECHO-BLOC CAP UNIT, SECURED TO UNIT BELOW WITH FLEXLOCK ADHESIVE
- TRAVERTINA RAW DOUBLE-SIDED WALL UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- C. CONNECTOR
- **D.** EMBEDMENT DEPTH, 6" (150 mm) MIN.
- E. 24" (612 mm) MAX.
- F. GEOTEXTILE
- COMPACTED GRANULAR LEVELING PAD, 6" (150 mm) THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

90° CORNER OF A DOUBLE-SIDED WALL





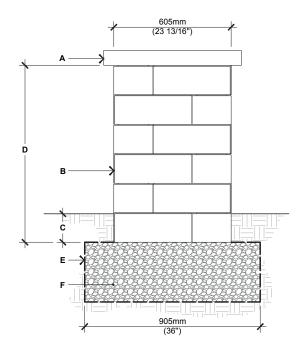
DOUBLE-SIDED WALL - END OF A STRAIGHT WALL



GENERAL NOTES

- Alternate odd and even rows.
- Stagger joints from one row to the next.
- Glue all modules at each row with Flexlock adhesive.

PILLARS - TRAVERTINA RAW



TRAVERTINA RAW

- **A.** PILLAR CAP UNIT (SECURE WITH FLEXLOCK ADHESIVE)
- **B.** TRAVERTINA RAW PILLAR UNIT SECURE EACH ROW WITH FLEXLOCK ADHESIVE
- C. EMBEDMENT 6" (150 mm) MIN.
- **D.** 36" (917 mm), HEIGHT PER PALLET 42" (1067 mm), MAXIMUM HEIGHT
- E. GEOTEXTILE
- F. COMPACTED GRANULAR BASE 6" (150mm) THICK MIN. THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS

For all possible combinations of pillars and caps, please refer to the correspondence table on page 140

Variable Cap unit secured to unit below with Flexlock adhesive Travertina Raw wall unit

For all possible combinations of walls and caps, please refer to the correspondence table on page 140

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STEPS &CAPS

STEPS, CAPS (WALLS, COUNTERS AND PILLARS), POOL COPPING & OVERLAY SYSTEMS



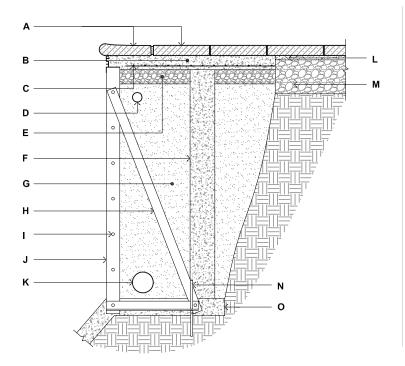
COMPATIBILITY CHART

Walls & Pillars		Caps													
	Architectural cap	Brandon cap	Bullnose	Bullnose Grande	Graphix cap	Pacific cap	Piedimonte	Piedimonte 28"x28"	Portofino	Raffinato 60 mm	Raffinato 90 mm	Travertina Raw14"×28"	York	York 28"×28"	York 32"×32"
Borealis (does not require a cap)															
Brandon 90 & 180 mm		х	х	х		х	х		х	Х	х	х	х		
Brandon 90 & 180 mm pillar								х		Х	х	х		х	
Fascia Wall Collection - single-sided	х	х	х	х	х	х	х		х	х	х	х	х		
Fascia Wall Collection - double-sided									х						
G-Force					х		х			х	х	х			
Graphix					х		х			х	х	х			
Mini-Creta Collection	Х	х	х	х		х	х		х	х	х	х	х		
Mini-Creta Pillar 24" Collection								х		х	х	х		х	
Prescott Collection							х		х	х	х	х	х		
Prescott Pillar Collection								х		х	х	х		х	
Raffinato Collection				х	х		х			х	х	х			
Raffinato Pillar Collection								х		Х	х	х			
Röcka (does not require a cap)															
Semma	х	х	х		х	х	х		х	Х	х	х	х		
Semma Pillar										х		х			х
Skyscraper										х	х				
Travertina Raw	х	x	x	х	х	х	x		х	х	×	х	х		
Travertina Raw pillar										Х	Х	Х		х	

NOTE: The combinations shown in this chart are not complete. Other possible combinations exist.

Applications										Ca	ps									
	Architectural cap	Bali Travertina Raw	Brandon cap	Bulinose	Bulinose Grande	Graphix cap	Pacific cap	Piedimonte 14"x30"	Piedimonte 28"x28"	Portofino	Raffinato 60 mm	Raffinato 90 mm	Travertina Raw 14"x28"	York wall caps 16", 32", 48"	York 14"x48"	York 24"x36"	York 28"x28"	York 32"x32"	Blu 45 mm	Venetian
Step	x		х	x	х	х		Х		x	×	x	Х	Х	Х					
Concrete & step overlay system							Х												х	Х
Pool coping		Х		Х	Х		Х	Х		Х	Х	Х	Х	Х						
Wall single-sided	х		х	х	Х	х	х	х		х	х	х	х	х	х					
Wall double-sided	х					Х		Х		Х	Х	Х	Х	Х	Х					
Counter top								х	Х					Х		Х	х	х		
Pillar									Х		Х		Х				Х	Х		

POOL COPING

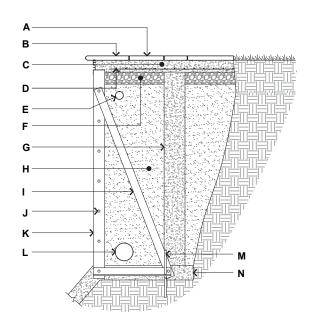


- A. TECHO-BLOC POOL COPING AND PAVER SECURED TO CONCRETE SLAB WITH FLEXLOCK ADHESIVE OR MORTAR
- B. CONCRETE DECK 39" (1 m) WIDE BY 4" (100 mm) THICK MIN.
- **C.** WELDED WIRE MESH, 6 X 6 W1.4/W1.4 (152 X 152 MW9.1 X MW9.1)
- **D.** POOL PLUMBING PIPING
- **E.** CLEAN STONE $\frac{3}{4}$ " (20 mm), 2" (50 mm) THICK MIN.
- F. CONCRETE PILLAR, 6" (150 mm) DIAM.
- **G.** SAND BACKFILL
- H. STRUT
- I. POOL PANEL
- J. POOL LINER
- **K.** PERFORATED DRAIN, 4" (100 mm) DIAM. WRAPPED WITH A GEOTEXTILE
- L. BEDDING COURSE, 1" (25 mm)
- M. COMPACTED GRANULAR BASE 0-3/4" (0-20 mm)
- N. STEEL ROD 3/8" (10 mm) ANCHORED TO SUBGRADE
- CONCRETE FOOTING, 4" (100 mm) THICK MIN.

POOL COPING INSTALLATION

Typical cross section

PACIFIC POOL COPING



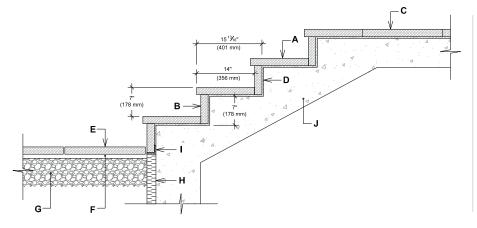
- A. TECHO-BLOC PACIFIC SLAB SECURED TO CONCRETE SLAB WITH FLEXLOCK ADHESIVE OR MORTAR
- B. TECHO-BLOC PACIFIC CAP SECURED TO CONCRETE SLAB WITH FLEXLOCK ADHESIVE OR MORTAR
- C. CONCRETE DECK 39" (1 m) WIDE BY 4" (100 mm)
- **D.** WELDED WIRE MESH, 6X6-W1.4/W1.4 (152 X 152 MW9.1 X MW9.1)
- E. POOL PLUMBING PIPING
- **F.** CLEAN STONE 3/4" (20 mm), 2" (50 MM) THICK MIN.
- G. CONCRETE PILLAR, 6" (150 mm) DIAM.
- H. SAND BACKFILL
- I. STRUT
- J. POOL PANEL
- K. POOL LINER
- L. PERFORATED DRAIN, 4" (100 mm) DIAM.
- M. STEEL ROD 3/8" (10 mm) ANCHORED TO SUBGRADE
- N. CONCRETE FOOTING, 4" (100 mm) THICK MIN.

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INSTALLATION GUIDE

OVERLAY OF EXISTING CONCRETE STEPS VENETIAN CAP, RISER AND SLAB BLU 45 mm

OPTION 1: 7" (178 mm) HIGH RISER

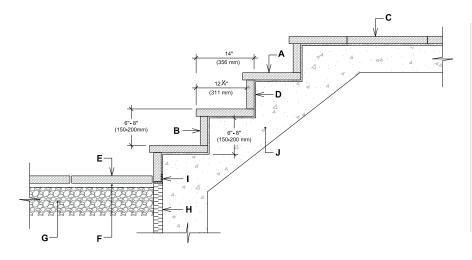


- A. Venetian Cap
- **B.** Venetian Riser (cut if the riser height is less than 7")
- C. Blu 45 mm Slab (3 sizes)
- **D.** Flexlock Adhesive
- **E.** Techo-Bloc Pavers or Slabs
- F. Setting bed
- **G.** Compacted granular base 0-3/4" (0-20 mm)
- **H.** Rigid insulation
- I. Steel angle anchored to concrete
- J. Concrete stairway

STEP OVERLAY SYSTEM INSTALLATION

Typical cross section

OPTION 2: 5 %" (150 mm) TO 7 %" (200 mm) HIGH RISER



- A. Venetian Cap
- **B.** Sawn Venetian Riser (depending on the height of the riser)
- C. Blu 45 mm Slab (3 sizes)
- **D.** Flexlock Adhesive
- **E.** Techo-Bloc Pavers or Slabs
- **F.** Setting bed
- **G.** Compacted granular base 0-3/4" (0-20 mm)
- H. Rigid insulation
- I. Steel angle anchored to concrete
 - Concrete stairway

STEP OVERLAY SYSTEM INSTALLATION

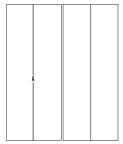
Typical cross section



BOREALIS

DESCRIPTION: Step **TEXTURE:** Wood

PALLET OVERVIEW





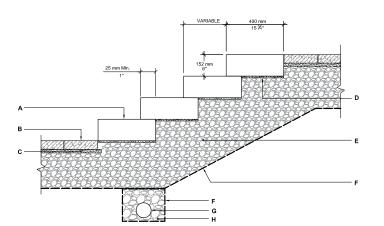


NOTES

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

To achieve a natural appearance, product dimensions can vary $\pm \frac{3}{16}$ " (5 mm) for height and $\pm \frac{1}{2}$ " (13 mm) for length and width.

Specifications per palle	t Imperia	ıl	Metri	Metric			
Cubing	32 lin.	ft/pal	9.76	lin. m/pal			
Approx. Weight	3 073	lbs	1 394	1 kg			
Number of rows	4						
Coverage per row	8 lin. ft	Ī.	2.44	lin. m			
Linear coverage per units	4 lin. ft	İ.	1.22	lin. m			
D2	Unit dimension	ns in	mm	Units/pallet			
H A	Heigl	ht 6	152	8 units			
	Depth	1 15 3	400				
	Depth	2 16	406				
	Lengt	th 48	1 219	9			



- BOREALIS STEP UNIT
- TECHO-BLOC CONCRETE PAVER B.
- C. SETTING BED 1" (25 mm) THICK
- SETTING BED $\frac{1}{2}$ " (12 mm) MAX. TO COMPACT (AS REQUIRED FOR ALIGNMENT)
- COMPACTED GRANULAR BASE 0-3/4" (0-20 mm) THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS
- F. GEOTEXTILE
- G. PERFORATED DRAIN 4" (100 mm) DIA. CONNECTED TO SERVICES
- CLEAN STONE 3/4" (20 mm)

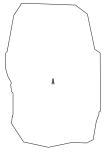




MAYA

DESCRIPTION: Step **TEXTURE:** Natural stone (Slate)

PALLET OVERVIEW







NOTES

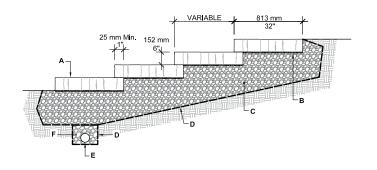
*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

To achieve a natural appearance, product dimensions can vary $\pm \frac{3}{16}''$ (5 mm) for height and $\pm \frac{1}{2}$ " (13 mm) for length and width.

Imperial	Metric
1 unit	1 unit
715 lbs	324 kg
1	
10.6 ft²/unit	0.98 m²/unit
4 lin. ft/pal	1.22 lin. m/pal
	1 unit 715 lbs 1 10.6 ft²/unit



Unit din	nensions	in	mm	Units/pallet
	Height	6	152	1 unit
	Depth	32	813	
Contract of the Contract of th	Length	48	1219	



- MAYA STEP UNIT
- SETTING BED $\frac{1}{2}$ " (12 MM) MAX. TO COMPACT B. (AS REQUIRED FOR ALIGNMENT)
- COMPACTED GRANULAR BASE 0-3/4" (0-20 MM) THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS
- GEOTEXTILE D.
- PERFORATED DRAIN 4" (100 MM) DIA. CONNECTED TO SERVICES
- CLEAN STONE 3/4" (20 MM) F.

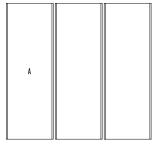




RAFFINATO

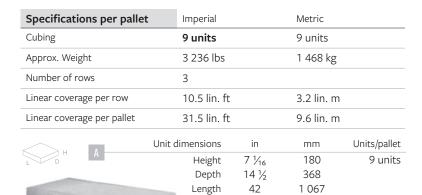
DESCRIPTION: Step **TEXTURE:** Smooth

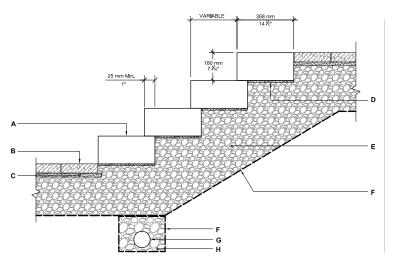
PALLET OVERVIEW



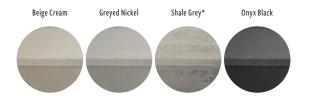


^{*}Shale Grey is available in Canada only.





- A. RAFFINATO STEP UNIT
- B. TECHO-BLOC CONCRETE PAVER
- C. SETTING BED 1" (25 mm) THICK
- **D.** SETTING BED ½" (12 mm) MAX. TO COMPACT (AS REQUIRED FOR ALIGNMENT)
- E. COMPACTED GRANULAR BASE 0-3/4" (0-20 mm)
 THICKNESS ACCORDING TO PROJECT SPECIFIC
 CONDITIONS
- **F.** GEOTEXTILE
- **G.** PERFORATED DRAIN 4" (100 mm) DIA. CONNECTED TO SERVICES
- H. CLEAN STONE 3/4" (20 mm)

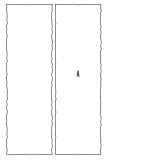




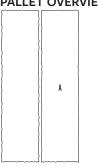
RÖCKA

DESCRIPTION: Steps **TEXTURE:** Natural stone (Fossil stone)

PALLET OVERVIEW - 48"



PALLET OVERVIEW - 60"







NOTES

Röcka 48" is a double-sided step. Each side has slight natural texture differences. Please take that into consideration when installing them side by side. We recommend keeping the same texture together.

Please note that there is a slight vertical angle on the front and back faces of the step $\frac{3}{8}''$, from the bottom to the top of the step.

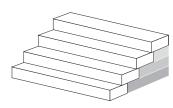
To achieve a natural appearance, product dimensions can vary $\pm \%_6{''}$ (5 mm) for height and $\pm ~\%''$ (13 mm) for length and width.

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

	Specifications per pallet		Ir	Imperial		М	Metric	
	DOUBLE-SIDED	Cubing	8	units		8	units	
		Linear coverage per pallet		32 lin. ft		9.	9.76 lin. m	
	UBL	Approx. Weight		2 770 lbs		1	1 256 kg	
	48″ DO	Number of rows						
		Linear coverage per row	8	8 lin. ft/row		2.	2.44 lin. m/row	
1	D2		Unit dimension	ons	in	mm	Units/pallet	
	H A		Heig	ght	6	152	8 units	;
			Dept	h 1	14 %	378		
66	Alexander .		Dept	h 2	14 1/8	359		
		S. C. College	Leng	gth	48	1 219)	

Specifications per pallet		Imperial	Metric
"09	Cubing	2 units	2 units
	Linear coverage per pallet	10 lin. ft/pal	3.05 lin. m/pal
	Approx. Weight	1 020 lbs	463 kg
	Number of rows	1	

D2	Unit dimensions	in	mm	Units/pallet
H A	Height	6	152	2 units
	Depth 1	15 1/4	387	
	Depth 2	14 %	371	
Making	Length	60	1 524	
	Commission			
	MANAGE AND STREET			
		No.		



RÖCKA

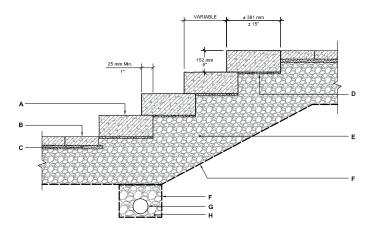
WALL & EDGE

When building a staircase, the Röcka wall can be used to complete the sides and act as part of a structural system. See the product specifications on page 250.



STEPS

RÖCKA



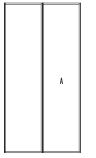
- A. RÖCKA STEP UNIT
- **B.** TECHO-BLOC CONCRETE PAVER
- C. SETTING BED 1" (25 mm) THICK
- **D.** SETTING BED ½" (12 mm) MAX. TO COMPACT (AS REQUIRED FOR ALIGNMENT)
- E. COMPACTED GRANULAR BASE 0-¾" (0-20 mm) THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS
- F. GEOTEXTILE
- **G.** PERFORATED DRAIN 4" (100 mm) DIA. CONNECTED TO SERVICES
- H. CLEAN STONE ¾" (20 mm)



YORK 60"

DESCRIPTION: Step **TEXTURE:** Limestone surface with chiseled edges

PALLET OVERVIEW



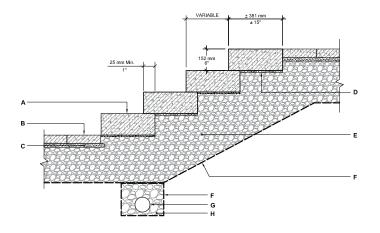


York is a single sided step chiseled on 3 sides.

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

To achieve a natural appearance, product dimensions can vary $\pm \frac{3}{16}$ " (5 mm) for height and $\pm \frac{1}{2}$ " (13 mm) for length and width.

Specifications per pallet	t Imperial		Metric		
Cubing	2 units		2 units		
Linear coverage per pallet	10 lin. ft/pa	10 lin. ft/pal		3.05 lin. m/pal	
Approx. Weight	1 029 lbs		467 kg		
Number of rows	1				
	Unit dimensions	in	mm	Units/pallet	
L D H A	Height	6	152	2 units	
	Depth	15	381		
Dry.	Length	60	1 524		
The state of the s					



- YORK STEP UNIT
- TECHO-BLOC CONCRETE PAVER B.
- C. SETTING BED 1" (25 mm) THICK
- SETTING BED $\frac{1}{2}$ " (12 mm) MAX. TO COMPACT D. (AS REQUIRED FOR ALIGNMENT)
- COMPACTED GRANULAR BASE 0-3/4" (0-20 mm) THICKNESS ACCORDING TO PROJECT SPECIFIC CONDITIONS
- GEOTEXTILE F.
- G. PERFORATED DRAIN 4" (100 mm) DIA. CONNECTED TO SERVICES
- H. CLEAN STONE 3/4" (20 mm)

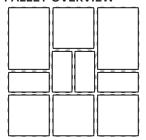




BLU 45 mm

DESCRIPTION: Concrete Overlay System **TEXTURE:** Slate

PALLET OVERVIEW





NOTES

Blu 45 mm should only be used to overlay existing concrete patios.

NOTES

Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

See page 245 for more technical information.

For joint filling surface coverage, see page 37.

Specifications per pa	llet Imperial		Metric	
Cubing	127.44 ft ²	127.44 ft ²		n²
Approx. Weight	2 631 lbs	2 631 lbs		g
Number of rows	12			
Coverage per row	10.62 ft²/r	10.62 ft ² /row		²/row
	Unit dimensions	in	mm	Units/pallet
H A	Height	1 3/4	45	48 units
	Depth	13	330	
440	Length	6 ½	165	
В	Height	1 3/4	45	48 units
-	Depth	13	330	
	Length	13	330	
С	Height	1 3/4	45	24 units
1000	Depth	13	330	
	Length	19 ½	495	



Patterns are for design inspiration only. The installer is responsible to calculate & purchase the correct amount of material.

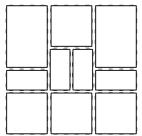




BLU 45 mm

DESCRIPTION: Concrete Overlay System **TEXTURE:** Smooth

PALLET OVERVIEW





NOTES

Blu 45 mm should only be used to overlay existing concrete patios.

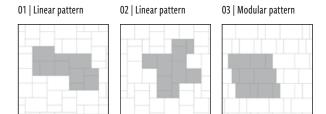
NOTES

Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

See 245 for more technical information.

For joint filling surface coverage, see page 37.

Specifications per pallet	Imperial		Metric	
Cubing	127.44 ft ²		11.84 m	n ²
Approx. Weight	2 631 lbs		1 193 k	g
Number of rows	12			
Linear coverage per row	10.62 ft ²		0.99 m ²	2
	Unit dimensions	in	mm	Units/pallet
H A	Height	1 3/4	45	48 units
	Depth	13	330	
	Length	6 ½	165	
В	Height	1 3/4	45	48 units
	Depth	13	330	
	Length	13	330	
С	Height	1 3/4	45	24 units
	Depth	13	330	
	Length	19 ½	495	



Patterns are for design inspiration only. The installer is responsible to calculate & purchase the correct amount of material.

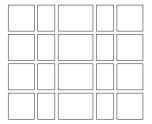




PACIFIC

DESCRIPTION: Concrete Overlay System **TEXTURE:** Smooth

PALLET OVERVIEW





NOTES

Pacific should only be used to overlay existing concrete patios.

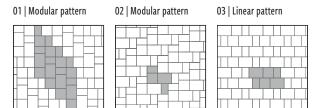
NOTES

Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

See page 244 for more technical information.

For joint filling surface coverage, see page 37.

Specifications per pallet	Imperial		Metric	
Cubing	173.60 ft ²	173.60 ft ²		m²
Approx. Weight	2 415 lbs		1 095 k	g
Number of rows	15			
Coverage per row	11.57 ft²/r	ow	1.08 m	²/row
	Unit dimensions	in	mm	Units/pallet
H A	Height	1 3/16	30	120 units
	Depth	6 ½16	160	
	Length	9 7/16	240	
В	Height	1 3/16	30	120 units
	Depth	9 7/16	240	
	Length	9 7/16	240	
С	Hoight	1 3/	30	60 units
	Height Depth	1 ¾ ₁₆ 9 ½ ₁₆	240	60 units
	Length	12 %	320	



 $Patterns\ are\ for\ design\ inspiration\ only.\ The\ installer\ is\ responsible\ to\ calculate\ \&\ purchase\ the\ correct\ amount\ of\ material.$

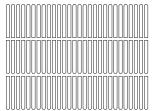




PACIFIC

DESCRIPTION: Cap **TEXTURE:** Smooth

PALLET OVERVIEW





NOTES

Pacific should only be used to overlay existing concrete patios.

NOTES

Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

See page 244 for more technical information.

For joint filling surface coverage, see page 37.

Specifications per pallet	Imperial		Metric	
Cubing	137.80 lir	ı. ft.	42.00 l	in. m.
Approx. Weight	1 828 lbs		829 kg	
Number of rows	5			
Coverage per row	27.56 lin.	ft	8.40 lir	n. m
	Unit dimensions	in	mm	Units/pallet
H A	Height	1 3/16	30	420 units
A	Depth	$11^{13}/_{16}$	300	
all the same of th	Length	3 15/16	100	





VENETIAN

DESCRIPTION: Step Overlay System **TEXTURE:** Slate

PAL	LET	OV	ERV	IEW	- R	SER
					A	

PALLET	OVERV	IEW - C	ΑP
		A	



NOTES

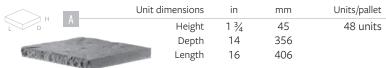
Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

See 245 for more technical information.

Spe	cifications per pallet	Imperial	Metric
RISER	Cubing	48 units	48 units
SE.	Linear coverage per pallet	64 lin. ft	19.52 lin. m
	Approx. Weight	801 lbs	363 kg
	Units	1.33 lin. ft	0.41 lin. m
	Number of rows	4	
	Linear coverage per row	16 lin. ft	4.88 lin. m



Specifications per pallet		Imperial	Metric
CAP	Cubing	48 units	48 units
O	Linear coverage per pallet	64 lin. ft	19.52 lin. m
	Approx. Weight	1 530 lbs	694 kg
	Units	1.33 lin. ft	0.41 lin. m
	Number of rows	8	
	Linear coverage per row	8 lin. ft	2.44 lin. m







VENETIAN

DESCRIPTION: Step Overlay System **TEXTURE:** Smooth

			A	

PALLET OVERVIEW - CAP

A A	
	-







NOTES

Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

See 245 for more technical information.

Spe	cifications per pallet	Imperial	Metric
RISER	Cubing	48 units	48 units
쭚	Linear coverage per pallet	62.52 lin. ft	19.06 lin. m
	Approx. Weight	811 lbs	368 kg
	Units	1.30 lin. ft	0.40 lin. m
	Number of rows	4	
	Linear coverage per row	15.63 lin. ft	4.76 lin. m

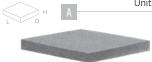




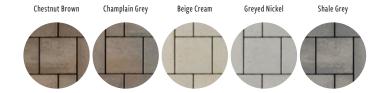
Unit dimensions	in	mm	Units/pallet
Height	1 3/4	45	48 units
Depth	7	178	
Length	15 %	397	



Specifications per pallet		Imperial	Metric
CAP	Cubing	48 units	48 units
	Linear coverage per pallet	62.52 lin. ft	19.06 lin. m
	Approx. Weight	1 500 lbs	680 kg
	Units	1.30 lin. ft	0.40 lin. m
	Number of rows	8	
	Linear coverage per row	7.81 lin. ft	2.38 lin. m



Unit d	imensions	in	mm	Units/pallet
	Height	1 3/4	45	48 units
	Depth	14	356	
SECTION .	Length	15 %	397	





ARCHITECTURAL

DESCRIPTION: Cap Double-Sided **TEXTURE:** Split Face

PALLET OVERVIEW

A	A	A
В	В	В
C	C*	C*



COMPATIBLE WALLS

See page 243 for product compatibility.

NOTES

The unit can be used as left and right corner units. It can also be used as a regular unit.

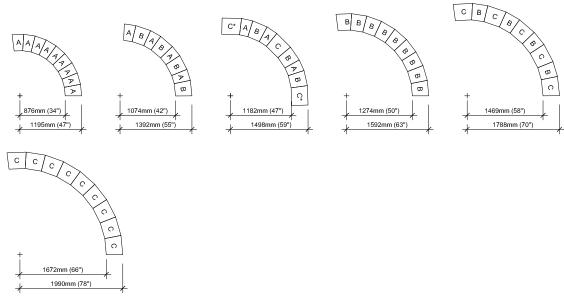
Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

Specifications per palle	t Impe	rial	Metri	c
Cubing	66 lii	n. ft	20.1	2 lin. m
Approx. Weight	2 390	O lbs	1 08	4 kg
Number of rows	8			
Linear coverage per row	8.25	lin. ft	2.51	lin. m
L2	Unit dimensions	in	mm	Units/pallet
H A	Height	2 15/16	75	24 units
NORTH	Depth	12 ½	317	
THE REAL PROPERTY.	Length 1	8 1/8	225	
	Length 2	6 ½	165	
В	Height	2 ¹⁵ / ₁₆	75	24 units
Markey	Depth	12 ½	317	
A COUNTY	Length 1	11 ¹³ / ₁₆	300	
	Length 2	9 7/16	240	
C	Height	2 15/16	75	8 units
	Depth	12 1/3	317	0 45
	Length 1	14 3/4	375	
	Length 2	12 3/8	315	
*	Height	2 15/16	75	16 units
	Depth	12 ½	317	. 5 6/1165
	Length 1	14 3/4	375	
	Length 2	13 %	345	



INSTALLATION GUIDE

CAP RADIUS - ARCHITECTURAL

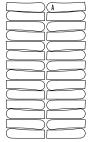




BALI TRAVERTINA RAW

DESCRIPTION: Bullnose Pool coping **TEXTURE:** Klean-Bloc Brushed Travertine

PALLET OVERVIEW









NOTES

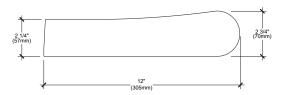
Palletized upright.

Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

*For an authentic look, each color option is composed of a variety of darker & lighter tones. Natural ingredients such as granite are present within the recipe to allow for a range in tones, veining and textures from one stone to another.

See 244 for more technical information.

Specifications per pallet	Imperial		Metric	
Cubing	28 units		28 unit	.s
Linear coverage per pallet	37.33 lin.	ft	11.38	in. m
Approx. Weight	1 069 lbs		485 kg	
Number of rows	1			
Linear coverage per row	37.33 lin.	ft	11.38	in. m
H2 H1 A	Unit dimensions	in	mm	Units/pallet
H2 L D H	Height 1	2 1/4	57	28 units
	Height 2	2 3/4	70	
	Depth	12	305	
NEWS AND	Length	16	406	



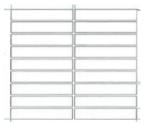




BRANDON

DESCRIPTION: Cap **TEXTURE:** Slate

PALLET OVERVIEW





COMPATIBLE WALLS

See page 243 for product compatibility.

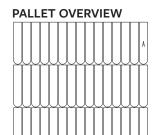
Specifications per pallet	Imperial		Metric	
Cubing	24 lin. ft		7.32 lii	n. m
Approx. Weight	1 213 lbs		550 kg	
Linear coverage per row	24 lin. ft		7.32 lii	n. m
	1 lin. ft =.	75 units	1 lin. n	n =2.46 units
	imensions	in	mm	Units/pallet
H A	Height	3 %16	90	18 units
	Depth	14	356	
The second second	Length	16	406	





BULLNOSE

DESCRIPTION: Cap and pool coping **TEXTURE:** Smooth





COMPATIBLE WALLS

See page 243 for product compatibility.

NOTES

Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

See 244 for more technical information.

Specifications per pallet	Imperial	Metric
Cubing	180 units	180 units
Linear coverage per pallet	88.60 lin. ft	27 lin. m
Units	2 units/lin. ft	6.56 units/lin. m
Approx. Weight	2 435 lbs	1 104 kg
Number of rows	4	
Linear coverage per row	22.15 lin. ft	6.75 lin. m
	1 lin. ft =2.03 units	1 lin. m =6.67 units

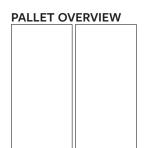






BULLNOSE GRANDE

DESCRIPTION: Cap and pool coping **TEXTURE:** Polished





COMPATIBLE WALLS

See page 243 for product compatibility.

NOTES

Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

See 244 for more technical information.

Specifications per pallet	Imper	Imperial		Metric	
Cubing	12 uı	nits	12 ι	ınits	
Linear coverage per pallet	29.53	3 lin. ft	9 lir	n. m	
Approx. Weight	940 l	bs	426	kg	
Number of rows	6				
Linear coverage per row	4.92	lin. ft	1.50	lin. m	
	t dimensions	in	mm	Units/pallet	
H A	Height	2 3/16	56	12 units	
	Depth	14 ½ ₁₆	357		
	Length	29 ½	750		

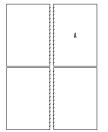




GRAPHIX

DESCRIPTION: Reversible Cap **TEXTURE:** Split Face and Smooth

PALLET OVERVIEW





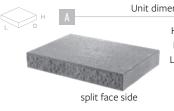
COMPATIBLE WALLS

See page 243 for product compatibility.

NOTES

Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

Specifications per pallet	Imperial	Metric
Cubing	28 units	28 units
	46.67 lin. ft	14.22 lin. m
Units	0.60 unit/lin. ft	1.97 unit/lin. m
Approx. Weight	1 950 lb	885 kg
Number of rows	7	
Linear coverage per row	6.67 lin. ft	2.03 lin. m
	1 lin. ft = 0.60 unit	1.96 lin. m/unit



in	mm	Units/pallet
2 15/16	75	28 units
14	355	
20	508	
	2 ¹⁵ / ₁₆ 14	2 ¹⁵ / ₁₆ 75 14 355



smooth side





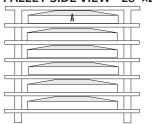
PIEDIMONTE

DESCRIPTION: Cap double-sided **TEXTURE:** Klean-Bloc Thermal

PALLET OVERVIEW - 14"×30"



PALLET SIDE VIEW - 28"×28"





COMPATIBLE WALLS

See page 243 for product compatibility.



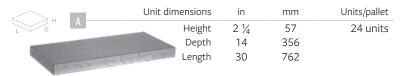
Klean-Bloc & See page 24. Klean-Bloc technology

NOTES

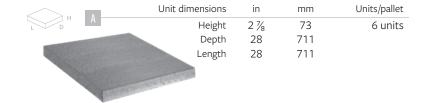
Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

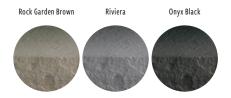
To acheive a natural appearance, stone dimension can vary up to 1/4". Metric measures are approximate.

Spe	cifications per pallet	Imperial	Metric
30″ CAP	Cubing	60 lin. ft	18.29 lin. m
14"× STEP	Approx. Weight	1 840 lbs	835 kg
∞	Number of rows	8	
WALL	Linear coverage per row	7.5 lin. ft	2.29 lin. m



Spe	cifications per pallet	Imperial	Metric
28" CAP	Cubing	6 units	6 units
28"x28" PILLAR CAP	Approx. Weight	1 434 lbs	650 kg
	Number of rows	6	







PORTOFINO

DESCRIPTION: Cap double-sided **TEXTURE:** Natural stone (Fossil stone)

PALLET OVERVIEW

В	В
A	A
С	D



COMPATIBLE WALLS

See page 243 for product compatibility.

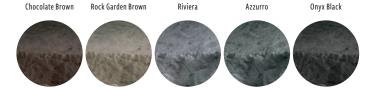
NOTES

You can use the cap as a left or right corner. It can also be used as a regular unit.

Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

To acheive a natural appearance, stone dimension can vary up to $\frac{1}{4}$ ". Metric measures are approximate.

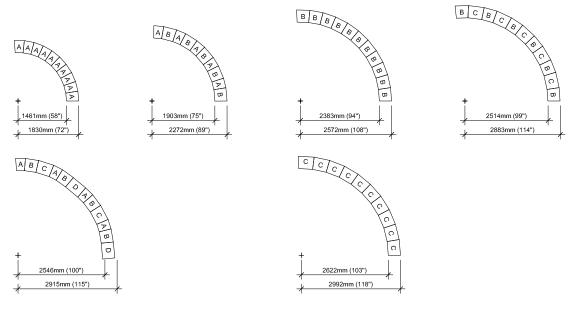
	-	Metric		Imperial	ifications per pallet
	lin. m			Imperial	incations per panet
		15.30 l	ft	50.22 lin.	g
	g	777 kg		1 712 lbs	ox. Weight
				7	per of rows
	lin. m	2.19 lin		7.17 lin. ft	r coverage per row
ts/pallet	Unit	mm	in	dimensions	L2 Unit
4 units	14	57	2 1/4	Height	н А
		368	14 ½	Depth	
		298	11 3/4	Length 1	
		238	9 3/8	Length 2	L (8)
4 units	14	57	2 1/4	Height	
		368	14 ½	Depth	
		403	15 %	Length 1	
		349	13 ¾	Length 2	
7 units	-	57	2 1/4	Height	
		368	14 ½	Depth	The second second
		478	18 ¹³ / ₁₆	Length 1	
		419	16 ½	Length 2	
7 units	-	57	2 1/4	Height	
		368	14 ½	Depth	
		483	19	Length 1	
		483	19	Length 2	1011
		57 368 478 419 57 368 483	2 ½ 14 ½ 18 ¹³ / ₁₆ 16 ½ 2 ½ 14 ½	Height Depth Length 1 Length 2 Height Depth Length 1	



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INSTALLATION GUIDE

CAP RADIUS - PORTOFINO



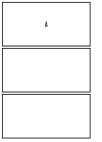
It is the user's responsibility to verify for the quantity of materials required.



RAFFINATO 14"×28"

DESCRIPTION: Cap double-sided **TEXTURE:** Smooth

PALLET OVERVIEW - 14"×28"



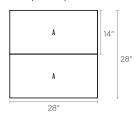


COMPATIBLE WALLS

See page 243 for product compatibility.

NOTES

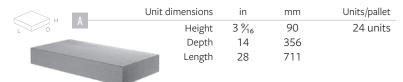
By placing two units side by side, you will obtain a $28^{\prime\prime}$ pillar cap.



COMPATIBLE PILLARS

Pillar 24 (Mini-Creta 3" & 6"), Pillar 24" (Mini-Creta 6" Architectural), Manchester, Prescott 2,25 & 4,5, Raffinato 90 mm & 180 mm smooth.

Specifications per pallet		Imperial	Metric
E	Cubing	24 units	24 units
90 г	Approx. Weight	2 783 lbs	1 262 kg
	Number of rows	8	
	Linear coverage per pallet	56 lin. ft	17.07 lin. m
	Linear coverage per row	7 lin. ft	2.13 lin. m



Specifications per pallet		Imperial	Metric
mm	Cubing	24 units	24 units
90 1	Approx. Weight	1 843 lbs	836 kg
	Number of rows	8	
	Linear coverage per pallet	56 lin. ft	17.07 lin. m
	Linear coverage per row	7 lin. ft	2.13 lin. m



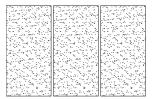




TRAVERTINA RAW

DESCRIPTION: Cap double-sided **TEXTURE:** Klean-Bloc Brushed Travertine

PALLET OVERVIEW 14"X28"





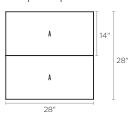
COMPATIBLE WALLS

See page 243 for product compatibility.

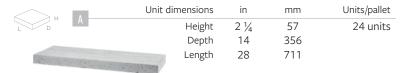


NOTES

By placing two units side by side, you will obtain a $28^{\prime\prime}$ pillar cap.



Specifications per pallet		Imperial	Metric
.83	Cubing	24 units	24 units
14x28"		56 lin. ft	17.07 m. lin
	Approx. Weight	1 684 lbs	764 kg
	Number of rows	8	
	Linear coverage per row	7 lin. ft/row	2.13 lin. m/row



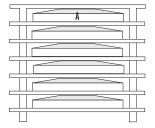




YORK PILLAR CAPS

DESCRIPTION: Cap double-sided **TEXTURE:** Klean-Bloc Brushed Limestone surface with chiseled edges

PALLET SIDE VIEW - 28" AND 32"





COMPATIBLE PILLARS - YORK 28"

See page 243 for product compatibility.

COMPATIBLE PILLAR - YORK 32"

See page 243 for product compatibility.



Klean-Bloc technology See page 24.

NOTES

Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

To acheive a natural appearance, stone dimension can vary up to $\frac{1}{4}$ ".

Spe	cifications per pallet	Imperial	Metric
"x28"	Cubing	6 units	6 units
28″x′	Approx. Weight	1 676 lbs	760 kg
	Number of rows	6	



Spe	cifications per pallet	Imperial	Metric
32″	Cubing	6 units	6 units
32″x32	Approx. Weight	2 083 lbs	945 kg
(,,	Number of rows	6	







YORK

DESCRIPTION: Wall caps double-sided **TEXTURE:** Klean-Bloc Brushed Limestone surface with chiseled edges

PALLET OVERVIEW -

14"×16", 14"×32" & 14"×48"



PALLET OVERVIEW - 14"	×48



COMPATIBLE WALLS

See page 243 for product compatibility.



NOTES

Palletized upright.

Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

To acheive a natural appearance, stone dimension can vary up to $\frac{1}{4}$ ".

Metric measures are approximate.

Speci	fications per pallet	Im	perial	Meti	ric
32″	Cubing	48	lin. ft	14.6	63 lin. m
4 × * 4 × ×	Approx. Weight	1 5	597 lbs	724	kg
14″×16″ 14″×32″ 14″×48″	Number of rows	1			
, 4	Linear coverage per palett		lin. ft	14.6	63 lin. m
	S A	Unit dimensions	in	mm	Units/palle
[\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	D H A	Height	2 1/4	57	6 unit
	Committee of the Commit	Depth	14	356	
	WW TO	Length	16	406	
B*		Height	2 1/4	57	6 units
		5	2 /4 14	356	O driits
3500	WALL MAN THE	Length	32	813	
	The same of the same	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*Daulala ai	die die estate estate describite	ed texture at one en
			"Double sid	aed unit with finish	ed texture at one en
C		Height	2 1/4	57	
С		Height Depth	2 ½ 14	57 356	
С	MONTH SALES	Height	2 1/4	57	
C		Height Depth	2 ¼ 14 48	57 356	6 unit:
Speci	NORTH THE PARTY OF	Height Depth Length	2 ½ 14 48	57 356 1 219 Metric	6 units
Speci (8P)	ifications per pallet	Height Depth Length Imper	2 ½ 14 48 rial	57 356 1 219 Metric	6 units c 3 lin. m
Speci	ifications per pallet	Height Depth Length Imper	2 ½ 14 48 rial	57 356 1 219 Metric 14.63	6 units c 3 lin. m
Speci	ifications per pallet lubing pprox. Weight	Height Depth Length Imper 48 lin 1 582	2 ½ 14 48 rial n. ft 2 lbs	57 356 1 219 Metric 14.63	6 units c 3 lin. m
Speci	ifications per pallet Jubing Jupprox. Weight Jumber of rows	Height Depth Length Imper 48 lin 1 582	2 ½ 14 48 rial n. ft 2 lbs	57 356 1 219 Metric 14.63	6 unit: c 3 lin. m





YORK 24"×36"

DESCRIPTION: Counter top **TEXTURE:** Klean-Bloc Brushed Limestone surface with chiseled edges on the four sides









NOTES

Palletized upright.

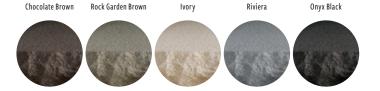
Techo-Bloc always recommends gluing the caps with concrete adhesive to ensure stability and safety.

To acheive a natural appearance, stone dimension can vary up to $\frac{1}{4}$ ".

Metric measures are approximate.

Spe	ecifications per pal	let Ir	nperi	al	Metr	ric
36″	Cubing	1	6 un	its	16 u	ınits
24″x 3	Approx. Weight	2	595	lbs	1 17	7 kg
2	Number of rows	1				
		Unit dimensio	ns	in	mm	Units/pallet
N	H A	Heig	ht	2 1/4	57	16 units





ACCESSORIES

ADHESIVES, BASE & EDGE, BUZON PEDESTALS, CLEANERS & ACCESSORIES, GEOGRID, GEOTEXTILE, JOINT STABILIZERS, SEALERS



ADHESIVES



GATOR ULTRA PERFORMANCE CONCRETE ADHESIVE

Gator Ultra Low VOC is one of the strongest polyurethane adhesives on the market. It strongly adheres to concrete pavers, stones, retaining wall, masonry units & bricks. It is especially formulated for overlays, pool copings, steps & wall caps. Gator Ultra Low VOC Polyurethane Adhesive is designed to provide a permanent bond in 24 hours to the above materials if properly installed.

007029 • Gator Ultra Performance Concrete Adhesive, 10 oz 007030 • Gator Ultra Performance Concrete Adhesive, 28 oz

BASE & EDGE



GATOR BASE

Gator Base is an evolution in base technology saving you time, labor and money for pedestrian applications. Designed with a tongue and groove system Gator Base is easy to install. Evacuating water through its channels Gator Base is equivalent to 288 lbs (130 kg) of crushed stone, saving you 6 in (15 cm) of extra excavation. Gator Base is manufactured using lightweight high-density polypropylene and is environment-friendly and 100% recyclable. Extremely durable, Gator Base will not degrade in the ground.

007028 • Gator Base



GATOR EDGES TILES

Gator Base is an evolution in base technology saving you time, labor and money for pedestrian The GATOR TILE EDGE is the fully customizable solution to run around the perimeter of your finished porcelain tile installation, providing stability and strong lateral support. The Gator Edge is made with 100 % polyethylene.

005146 • Gator Edges Tiles



GATOR EDGES MINI-PRO

Gator Edge Mini is made with 100 % Polyethylene. This will give it great strength as well as provide great flexibility. Paving Edge for natural stone and all types of slabs. It is easy to use and quick to install. Gator Edge Minil model is ideal for applications for up to 1" that can be used for all applications such as walkways, paths, entrances etc.

005145 • Gator Edges Mini-Pro



GATOR EDGE FLEX 8 FT

Gator Edge Flex is easy to use and quick to install offering a great lateral support and makes definition easier for alleys, driveways or sidewalks. Made with 100% polypropylene for strength and flexibility. Gator Edge Flex can be interconnected with the "Twist & Lock" system. Gator Screws are used to fasten Gator Flex edge to the Gator Base or can be fastened with Gator Nails in a traditional foundation.

001828 • Gator Edge Flex - 8 FT



GATOR EDGE RIGID - 8 FT

Gator Edge Rigid is easy to use and quick to install offering a great lateral support and makes definition easier for alleys, driveways or sidewalks. Made with 100% polypropylene for strength and flexibility. Gator Edge Rigid can be interconnected with the "Twist & Lock" system. Gator Screws are used to fasten Gator Rigid edge to the Gator Base or can be fastened with Gator Nails in a traditional foundation.

001829 • Gator Edge Rigid - 8 FT

BASE & EDGE



GATOR NAIL SPIRAL

Alliance Gator Nails are high quality nails which are available in lengths of 10 in and 12 in, spiral models. Gator nails are designed for use with Gator Edge.

005718 • Gator Spiral Nail 10"

005719 • Gator Spiral Nail 12"



GATOR COMMON NAIL

Alliance Gator Nails are high quality nails which are available in lengths of 10 in and 12 in, common models. Gator nails are designed for use with Gator Edge.

001830 • Gator Common Nail 10"

005144 • Gator Common Nail 12"



GATOR SCREW

Fastening Gator Edge with the GATOR BASE SCREW through the Gator Base reinforces the outside perimeter, creating a strong lateral support. GATOR BASE SCREWS are a required component on any Gator Base install.

Packaging: • 50 Screws/Pack, 20 packs/Box



GATOR SPACER

GATOR SPACER provides uniform spacing and unparalleled horizontal and vertical stability to the system. Available in joint sizes of 1/8", 3/16" and 1/4" (3,2 mm, 4,8 mm and 6,4 mm).

005148 • Gator Spacer 1/4"-6.4 mm

005149 • Gator Spacer 3/16"-4.8 mm

005150 • Gator Spacer 1/8"-3.2 mm



GATOR XTREME EDGE

Gator XTreme Edge is the ultimate fiber-reinforced and polymer modified structural edge, which creates a strong and economical edging solution for any hardscape project. Gator XTreme Edge can be used on any traditional, permeable, Gator Base, or overlay application using concrete pavers and slabs or natural and wet cast stones. Gator XTreme Edge offers permanent continuous lateral support.

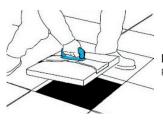
006016 • Gator Xtreme Edge

BUZON PEDESTALS



BUZON TB SERIES PEDESTAL

The TB polypropylene pedestal is hard-wearing like all BUZON products, but this one is really the designer's best friend. The BUZON TB Series pedestal has an adjustable height of 28 to 1130 and a multi-angle head. Your creativity will get a free rein thanks to their fully independent tabs which can be fixed or pivoting. The TB polypropylene pedestal is suited to a range of joint and slab dimensions allowing them to be used with non-standard paving slabs. BUZON TB-0 is a 11mm fixed height pedestal and the BUZON TB-1 is a 14mm fixed height pedestal.



BUZON GRIP LIFTING TOOL

Paver or Tile lifting tool



BUZON KEY

BUZON key wrench to adjust pedestal height when loaded with pavers

CLEANERS & ACCESSORIES



GATOR EFFLORESCENCE CLEANER

Gator Efflorescence Cleaner will remove any efflorescence stains trapped in the concrete pavers and natural stone pores. It will make the pavers look more clean and vibrant without discoloring or damaging the paver surface. This efflorescence cleaning is a necessary step before a sealer is applied. The sealer will be able to get a deeper penetration into the now-clean pores.

002419 • Gator Efflorescence Cleaner 1 GAL

002420 • Gator Efflorescence Cleaner 5 GAL



GATOR RUBBER PAINT & TAR REMOVER

Gator Rubber, Paint and Tar Remover + is effective in removing rubber, paint and tar from the surface of concrete pavers and natural stones. Furthermore, it could be used to emulsify some sealers and could be used as a cleaning agent when using a bonding agent such as Gator Rock Bond.

002423 • Gator rubber paint & tar remover 1 quart



GATOR RUST REMOVER

Gator Rust Remover is effective in removing rust on the surface of concrete pavers and natural stones..

002425 • Gator Rust Remover 1 QUART

CLEANERS & ACCESSORIES



GATOR SHAMPOO

Gator Shampoo removes ground-in dirt from the surface of concrete pavers and natural stones. It will make the pavers, patio slabs, walls & natural stones look clean and vibrant.

002421 • Gator Shampoo 1 GAL

002422 • Gator Shampoo 5 GAL



GATOR OIL AND GREASE CLEANER

Gator Clean XP Oil and Grease Remover easily removes tough stains such as motor oil, cooking oil & grease. Just shake the bottle, spread it on the stain, let it dry, and sweep it up. Use it on concrete, brick and stone. Not recommended for synthetic oil stains. Gator Clean XP Oil and Grease Remover is biodegradable and phosphate-free. Shake it, Spread it (let it dry), Sweep it!

002424 • Gator Oil and Grease Cleaner



GATOR ECO STRIPPER

Gator Sealer Stripper is extremely effective for removing sealer from concrete paver or stone. It is a paste, it is easily applied with a brush, or roller. Gator Sealer Stripper is formulated to remain wet and effective over extended periods. Always preform a test area to determine exact reacting time. To use, apply to surfaces with a brush, roller according to test patch results. Once is ready to be removed use power washer to strip surface. Be sure to scrub remaining residue with nylon brush and water. Allow surfaces to air dry before resealing.!

007031 • Gator Eco Stripper (4 x 1 GAL)

007032 • Gator Eco Stripper (5 GAL)



GATOR PROFESSIONAL GRADE EFFLORESCENCE

Professional Grade Gator Efflorescence & Slurry Remover will remove any efflorescence stains trapped in the concrete pavers, wet cast & natural stone pores. It will make the pavers look more clean and vibrant without discoloring or damaging the paver surface. This efflorescence cleaning is a necessary step before a sealer is applied. Ideal Mixture: 8 parts water 1 part product. Further dilution is possible. You must test all dilutions on small inconspicuous area of 4 sq. ft. to insure no etching of the surfaces. Please read all instructions before applying this product.

008356 • Gator Professionnal Grade Efflorescence 5 GAL



GATOR SPRAYER

Use a Gator Sprayer it is easy to use and will provides an accurate water-to-cleaner mix ratio. Connects directly to your garden hose when using the Gator Shampoo or Gator Efflorescence Cleaner, just adjust the knob for the select product and apply the diluted product on the wet paver surface and proceed with the brushing and the rinsing of the paved surface.

008991 • Gator Sprayer





GATOR ROCK BOND

Mixed Gator Rock Bond with 100% washed and dried riverstone creates a durable permeable and decorative surface. Great for garden pathways where erosion and drainage is a concern, at the same time, it reduces maintenance and clean-up and is durable in extreme conditions.

002464 • Gator Rock Bond, (Binder only) 1 GAL

007590 • Gator Rock Bond Kit, (Rock & Binder) PAIL

CLEANERS & ACCESSORIES



GATORENE

Gatorene is ideal for removing, retouching & restoring water & solvent-based sealers. Gatorene will also remove certain adhesives, and is an excellent clean-up solvent for tools and equipment immediately after use. Not intended for sale or use in California. It is also great for clean up and flushing of sealers, metal sprayers.

001883 • Gator Gatorene 1 GAL



GATOR YELLOW ROLLER WATER BASE 9 1/2"

For use with water based sealers.

005484 • Gator Roller, Water Base, Yellow 9.5" (Only available in Canada)



GATOR YELLOW ROLLER WATER BASE 9"

For use with water based sealers.

002426 • Gator Roller, Water Base, Yellow 9" (Only available in USA)



GATOR ROLLER, SOLVENT BASE, BLACK 9.5"

Gator Black Roller, Solvant Base, 9 1/2"

005483 • Gator Roller, Solvent Base, Black 9.5" (Only available in Canada)



GATOR ROLLER, SOLVENT BASE, BLACK 9"

Gator Black Roller, Solvant Base, 9"

007591 • Gator Roller, Solvent Base, Black 9" (Only available in USA)

GEOGRID



MIRAGRID® 2XT

Miragrid® 2XT biaxial geogrid is composed of high molecular weight, high tenacity polyester multifilament yarns that are woven in tension and finished with a PVC coating. Miragrid® 2XT is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids. Miragrid® 2XT has been tested with the Techo-Bloc wall systems as per NCMA and ASTM guidelines and provides exceptional connection strengths. Wall builders prefer Miragrid® 2XT because it lays flat when deployed, is lightweight, and simple to cut to design length or work around obstructions.

001820 • Miragrid Geogrid GMG 2XT, 6' X 150'

006503 • Miragrid Geogrid GMG 2XT, 6' X 50'

006502 • Miragrid Geogrid GMG 2XT, 4' X 50'

006504 • Miragrid Geogrid GMG 2XT, 12' X 150'



MIRAGRID® 3XT

Miragrid® 3XT uniaxial geogrid is composed of high molecular weight, high tenacity polyester multifilament yarns that are woven in tension and finished with a PVC coating. Miragrid® 3XT is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids. Miragrid® 3XT has been tested with the Techo-Bloc wall systems as per NCMA and ASTM guidelines and provides exceptional connection strengths. Wall builders prefer Miragrid® 3XT because it lays flat when deployed, is lightweight, and simple to cut to design length or work around obstructions.

001821 • Miragrid Geogrid GMG 3XT, 6' X 150'

001822 • Miragrid Geogrid GMG 3XT, 12' X 150'

005637 • Miragrid Geogrid GMG 3XT, 6' X 300'

GEOTEXTILE



GATOR FABRIC GF20

Gator Fabric GF20 Polyspun has a hydrophilic treatment that allows more air and water to pass through and reach the plant. Gator Fabric GF20 is a geotextile that protects against the growth of weeds. It is specially formulated to resist deterioration due to exposure to ultraviolet light and is inert to commonly encountered soil chemicals. Gator Fabric GF20 will not rot or mildew, and is non-biodegradable.

005986 • Gator Fabric 20 Polyspun, 3' X 50' - 16 Rolls/Box 005989 • Gator Fabric 20 Polyspun, 4' X 100' - 9 Rolls/box 005987 • Gator Fabric 20 Polyspun, 3' X 100' - 9 Rolls/Box 005990 • Gator Fabric 20 Polyspun, 6' X 100 005988 • Gator Fabric 20 Polyspun, 4' X 50' - 16 Rolls/Box



GATOR FABRIC GF3

Gator Fabric GF3 is a Spunbond fabric (Thermal, at-bonded) made of polyester that allows air and water to pass through and reach the plant. It's formulated to resist deterioration due to exposure to ultraviolet light, mildew, non-biodegradable and is inert to commonly encountered soil chemicals. Gator Fabric GF3 is commonly used as weed barriers in landscape, planting bed, under mulch, decorative rock and has an expected lifespan 20 year.

005558 • Gator Fabric 3 Spun Bond 3' X 50' - 35 Rolls/Box 005561 • Gator Fabric 3 Spun Bond 4' X 100' - 16 Rolls/Box 005559 • Gator Fabric 3 Spun Bond 3' X 100' - 16 Rolls/Box 005566 • Gator Fabric 3 Spun Bond 6' X 100' 005560 • Gator Fabric 3 Spun Bond 4' X 50' - 35 Rolls/Box 005567 • Gator Fabric 3 Spun Bond 6' X 300'



GATOR FABRIC GF3.5

Gator Fabric GF3.5 Non-Woven geotextile is ideal for drainage, filtration and will allow water flow of 165 gallons per minutes per square foot in a paver or retaining wall applications. Its filament fibers are used for soil separation and drainage. They combine high durability along with excellent physical and hydraulic properties. It is non-biodegradable

005688 • Gator Fabric 3.5, Non-woven, 3' X 100'- 6 Rolls/Box

005689 • Gator Fabric 3.5, Non-woven, 4' X 100' - 6 Rolls/Box 005690 • Gator Fabric 3.5, Non-woven, 6' X 100'

005691 • Gator Fabric 3.5, Non-woven, 6' X 300'

005694 • Gator Fabric 3.5, Non-woven, 12' X 400'



GATOR FABRIC GF4.4

Gator Fabric GF4,4 Non-Woven geotextile is ideal for drainage, filtration and will allow water flow of 135 gallons per minutes per square foot in a paver or retaining wall applications. Its filament fibers are used for soil separation and drainage. They combine high durability along with excellent physical and hydraulic properties. It is non-biodegradable

005695 • Gator Fabric 4.4, Non-Woven, 3' X 100' - 6 Rolls/Box

005978 • Gator Fabric 4.4, Non-Woven, 4' X 100' - 6 Rolls/Box

005979 • Gator Fabric 4.4, Non-Woven, 6' X 100'

005980 • Gator Fabric 4.4, Non-Woven, 6' X 300'

005981 • Gator Fabric 4.4, Non-Woven, 12' X 400'



GATOR FABRIC GF5

Gator Fabric GF5 is a woven geotextile made from polypropylene strips, forming a stable and durable network such that the strips retain their relative position. It provides separation for good subgrades by preventing mixing of subgrade soils. A woven geotextile can achieve higher tensile strength at low elongation. It is nonbiodegradable and resist bio-chemical compound.

005982 • Gator Fabric 5, Woven, 4' X 100' - 9 Rolls/Box

005983 • Gator Fabric 5, Woven, 6.25' X 100'

005984 • Gator Fabric 5, Woven, 6.25' X 300'

005985 • Gator Fabric 5, Woven, 12.5' X 432'

JOINT STABILIZERS



FLEXLOCK DUST

Flexlock Dust is a unique mixture of polymer binders and calibrated stone available in Sahara Beige or Stone Grey. Once Flexlock Dust sets, it becomes very firm and locks between the stone joints while still retaining flexibility and providing a long lasting, durable jointing material. Flexlock Dust is recommended for a variety of uses including pool decks, patios, footpaths, and any other pedestrian applications.

001831 • Flexlock Dust 50 lb, Sahara Beige 001832 • Flexlock Dust 50 lb, Stone Grey



FLEXLOCK SAND G2-RAPID SET 50 LB

Flexlock Sand G2 is made with a state-of-the-art manufacturing process. Specifically, calibrated sand is mixed with sophisticated intelligent polymers. This new generation of Intelligent Polymers neutralizes haze and dust. No blower is needed and the intelligent polymeric sand requires only one watering; 30 sq.ft. for 30 seconds and offering a Rapid Set technology of rain safe after 15 minutes. Flexlock Sand G2 is recommended for a variety of uses including sloping areas, pool surroundings, patios, walkways, driveways and much more. Available in Sandy Beige and Graphite Grey.

005733 • Flexlock Sand G2-Rapid Set 50 lb, Beige 005734 • Flexlock Sand G2-Rapid Set 50 lb, Grey



FLEXLOCK SAND 50 LB

Flexlock Sand is a unique mixture of polymer binders and calibrated sand available in Sandy Beige or Graphite grey. The installation of Flexlock Sand is almost identical to using regular paver joint sand except for the application of water. Once Flexlock Sandsets, it becomes very firm and locks between the paver joints while still retaining flexibility and providing a long lasting, durable jointing material. Flexlock Sand is recommended for a variety of uses including pool decks, patios, footpaths, driveways, parking spaces, pavements etc.

001210 • Flexlock Sand 50 lb, Beige 001211 • Flexlock Sand 50 lb, Grey



FLEXLOCK ULTRA SAND

Polymeric sand for paver joints up to 2 inch with drainage and non-drainage applications, in residential and commercial use. Perfect for concrete paver, wetcast products, in sloping areas, pool surroundings, patios, walkways, driveways and more. In drainage applications, it is rain safe 1 hour (overlays 24 hrs) after water activation above 32oF (0oC). Offering a 15 Year Limited Warranty and OSHA cristalline silica compliant / ASTM C-144 gradation with an advanced Haze Free Technology

001212 • Flexlock Ultra Sand 50 lb, Beige 001213 • Flexlock Ultra Sand 50 lb, Grey



FLEXLOCK ULTRA SAND G2-RAPID SET

Flexlock Ultra G2 is made with a state-of-the-art manufacturing process. Specifically, calibrated sand is mixed with sophisticated intelligent polymers. This new generation of Intelligent Polymers neutralizes haze and dust. The polymeric sand application is now dust free and haze free. No blower is needed and the intelligent polymeric sand requires only one watering; 30 sq.ft. for 30 seconds and offering a Rapid Set technology of rain safe after 15 minutes. Flexlock Ultra G2 is recommended for a variety of uses including pool decks, patios, footpaths, driveways, parking spaces, pavements, etc. Available in Sandy Beige, Graphite Grey, Ivory and Onyx Black.

005735 • Flexlock Ultra Sand G2-Rapid Set 50 lb, Beige

005736 • Flexlock Ultra Sand G2-Rapid Set 50 lb, Grey

005737 • Flexlock Ultra Sand G2-Rapid Set 50 lb, Ivory

005738 • Flexlock Ultra Sand G2-Rapid Set 50 lb, Onyx Black



GATOR AOUA ROCK - PERMEABLE STONE

Permeable paver joints and bedding material, graded ASTM No. 9, calibrated for the majority of permeable pavers for residential and commercial use. It helps collect roof and surface water run-off and reduce the rate of storm water off driveways, parking lots, patios and more.

000194 • Gator Aqua Rock 2,200 lbs, Granite Grey

001833 • Gator Aqua Rock 50 lb, Granite Grey

JOINT STABILIZERS



GATOR NITRO JOINT SAND

Gator Nitro Joint Sand is a ready-to-use mixture of calibrated sand and resins which cure when exposed to air, hardening from top to bottom of the joint *. The product can be installed in wet or dry weather, in joints ranging from a minimum 3/16" (5 mm) to a maximum 2" (50 mm) joint width. The minimum joint depth is 1" (25 mm). *Gator Nitro Joint Sand will harden from top to bottom up to 2 3/8" (60 mm).

006013 • Gator Nitro, Joint Sand, Beige

006014 • Gator Nitro, Joint Sand, Grey

006015 • Gator Nitro, Joint Sand, Black



GATOR POLYMERIC TILE SAND 35 LB

Gator Tile Sand is a unique mixture of polymer binders and calibrated sand, available, that meets ASTM C144 gradation in Beige, Slate Grey, Ivory and Black Diamond. Once Gator Tile Sand sets, it becomes very firm and locks between the tile joints while still retaining flexibility and providing a long lasting, durable jointing material. Gator Tile Sand is recommended for a variety of pedestrian uses including pool decks, patios, footpaths etc. This product is for use exclusively with the Gator Tile System and Gator Base. It is not for use with porcelain tile laid directly on concrete, or directly on an aggregate or sand base or bed.

005142 • Gator Polymeric Tile, Sand, 35 lb, Ivory



EUROSTONE BOND

Eurostone Bond is the first polymeric sand, that meets ASTM C144 gradation, specifically designed for natural stone pavers. It can be used in an application for traditional and overlay base systems. It is perfect for stone roads, piazzas, driveways, pathways & stone apron driveways. This complete multipurpose sand is available in four colors: Beige, Slate Grey, Ivory and Black Diamond. It sets above the freezing temperature 32°F (0°C) and can be used for joints up to a maximum of 1.5″ (3.8 cm).

002443 • Eurostone Bond 50 lb, Slate Grey

SEALERS & ACCESSORIES



GATOR ECO SEAL HIGH GLOSS

Gator Eco Seal is a copolymer acrylic used to seal concrete pavers. It penetrates deep into the concrete paver pores, thus reducing the oil and dirt penetration, as well as protecting them from the corrosion of de-icing salt.

002457 • Gator Eco Seal High Gloss, Water Base 1 GAL

002458 • Gator Eco Seal High Gloss, Water Base 5 GAL



GATOR ECO SEAL LOW GLOSS

Gator Eco Seal is a copolymer acrylic used to seal concrete pavers. It penetrates deep into the concrete paver pores, thus reducing the oil and dirt penetration, as well as protecting them from the corrosion of de-icing salt.

002459 • Gator Eco Seal Low Gloss, Water Base 1 GAL

002460 • Gator Eco Seal Low Gloss, Water Base 5 GAL



GATOR SEAL NATURAL LOOK

Ultra Series Signature Natural Look is made from fluorochemical polymers. This sealer penetrates deep into the concrete pavers, walls, masonry and natural stones, thus reducing the oil and dirt penetration, as well as protecting them from the corrosion of de-icing salt.

002417 • Gator Seal Natural Look, Water Base 1 GAL

002418 • Gator Seal Natural Look, Water Base 5 GAL

SEALERS & ACCESSORIES



GATOR SEAL RESEALER

Gator Seal Resealer is made from acrylic-based polymers. GATOR SEAL RESEALER will penetrate the formula of the existing solvent based sealer and reactivate the molecules to create a rejuvenated seal to protect the concrete paver surface. Thus reducing the penetration of oil and dirt, as well as protecting them from de-icing salt.

002455 • Gator Seal Resealer, Solvent Base 1 GAL

002456 • Gator Seal Resealer, Solvent Base 5 GAL



GATOR SEAL SATIN LOOK FINISH

Gator Satin Look Sealer is made from acrylic-based polymers. Gator Satin Look Sealer penetrates deep into the concrete pavers, thus reducing the oil and dirt penetration, as well as protecting them from the corrosion of de-icing salt. Specifically formulated to be used on unsealed surfaces only.

002413 • Gator Seal Satin Look Finish, Solvent Base 1 GAL

002414 • Gator Seal Satin Look Finish, Solvent Base 5 GAL



GATOR SEAL WET LOOK FINISH

Gator WETLOOK Sealer is made from acrylic-based polymers. Gator WET LOOK Sealer penetrates deep into the concrete pavers, thus reducing the oil and dirt penetration, as well as protecting them from the corrosion of de-icing salt. Specifically formulated to be used on unsealed surfaces only.

002415 • Gator Seal Wet Look Finish, Solvent Base 1 GAL

002416 • Gator Seal Wet Look Finish, Solvent Base 5 GAL



GATOR SEALER NATURAL STONE ZERO GLOSS+ENHANCER

Gator Sealer Natural Stone Zero Gloss+Enhancer is a color enhancer and is made of silicone-based polymers. This sealer penetrates deep into the natural stones thus reducing the oil and dirt penetration, as well as protecting them from the corrosion of de-icing salt.

004134 • Gator Sealer Natural Stone Zero Gloss+Enhancer 1 GAL

004135 • Gator Sealer Natural Stone Zero Gloss+Enhancer 5 GAL



GATOR HYBRID SEAL HIGH GLOSS WITH COLOR ENHANCER

Gator Hybrid Seal High Gloss with Color Enhancer is 100% pure high-grade acrylic used to seal and enhance the concrete pavers color. It penetrates deep into the concrete paver pores, thus reducing the oil and dirt penetration, as well as protecting them from the corrosion of de-icing salt.

004136 • Gator Hybrid Sealer High Gloss+Enhancer 1 GAL

004137 • Gator Hybrid Sealer High Gloss+Enhancer 5 GAL



GATOR HYBRID SEAL LOW GLOSS WITH COLOR ENHANCER

Gator Hybrid Seal Low Gloss with Color Enhancer is 100% pure high-grade acrylic used to seal and enhance the concrete pavers colors. It penetrates deep into the concrete paver pores, thus reducing the oil and dirt penetration, as well as protecting them from the corrosion of de-icing salt.

004140 • Gator Hybrid Sealer Low Gloss+Enhancer 1 GAL

004149 • Gator Hybrid Sealer Low Gloss+Enhancer 5 GAL

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