

OUTDOOR SOLUTIONS





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Atlas Concorde LASTRA



Axi 24x24
15AXIBRO24LAS



Axi 24x24
15AXIGRA24LAS



Axi 24x24
15AXIWHI24LAS



Block 24x24
15BLOBIA24LAS



Bluestone 24x24
15BLUEST24LAS
24x48
15BLUEST2448LAS



Brave 24x24
15BRAGRA24LAS



Brave 24x24
15BRAGYP24LAS



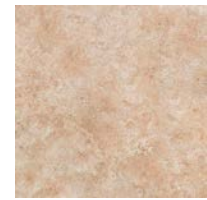
Brave 24x24
15BRAPEA24LAS
24x48
15BRAPEA2448LAS



Mark 24x24
15MRKCHR24LAS
24x48
15MRKCHR2448LAS



Seastone 24x24
15SEAGRA24LAS



Sunrock 24x24
15SUNRAP24LAS



Trust 24x24
15TRUGOL24LAS



Trust 24x24
15TRUSIL24LAS

Lead time is approximately two weeks, pending factory availability.
QuickSHIP items are stocked in Mosaic's Central Service Center.



Technical Features

Regularity Characteristics	Length and width	ISO 10545-2	± 0.3% ± 1.0 mm
	Thickness		± 5.0% ± 0.5 mm
	Straightness of sides		± 0.3% ± 0.8 mm
	Rectangularity		± 0.3% ± 1.5 mm
	Surface flatness		Not applicable to "strong" structures
Structural Characteristics	Water absorption	ISO 10545-3	≤ 0.1%
		ASTM C373	≤ 0.5%
Bulk Mechanical Characteristics	Breaking strength	ISO 10545-4	S ≥ 10000 N
	Modulus of rupture		R ≥ 45 N/mm ²
	Impact resistance, as coefficient of restitution		≥ 0.55
Surface Mechanical Characteristics	Mohs hardness	EN 101	8
	Resistance to deep abrasion	ISO 10545-6	≤ 150 mm ³
Thermal and Hydro-Metric Characteristics	Coefficient of thermal linear expansion	ISO 10545-8	≤ 7 MK ⁻¹
	Thermal shock resistance	ISO 10545-9	Resistant
	Moisture expansion	ISO 10545-10	≤ 0.01%
	Resistance to frost	ISO 10545-12	Resistant
Safety Characteristics	Coefficient of Friction (COF)	B.C.R.A. Rep.	> 0.40
	Coefficient of Dynamic Friction (DCOF)	ANSI A137.1-2012	> 0.42 Wet
	Static Coefficient of Friction (SCOF)	ASTM C1028	≥ 0.80 Dry ≥ 0.80 Wet
	Shod ramp test	DIN 51130	R11
	Barefoot ramp test	DIN 51097	A+B+C
Chemical Characteristics	Resistance to household chemicals and swimming pool salts	ISO 10545-13	UA
	Resistance to low concentrations of acids and alkalis		ULA
	Resistance to high concentrations of acids and alkalis		UHA
	Resistance to staining	ISO 10545-14	5

Physical-Mechanical Features	EN 1339 Standard	Performance of Slab
Water absorption	Annex E	< 0.1%
Breakage load / Breaking strength	Annex F	Marking ≥ U7 (12x24) Marking ≥ T11 (24x24) Marking ≥ U4 (18x36) Marking ≥ U3 (12x48) Marking ≥ U4 (24x48)
Frost resistant in presence of defrosting salts	Annex D	Resistant

Del Conca DUE 2



Arbor 16x32
70ARBBI1632DUE



Chamonix 24x24
70CHABEI24DUE



Chamonix 24x24
70CHABIA24DUE



Chamonix 24x24
70CHADAR24DUE



Chamonix 24x24
70CHAGRA24DUE



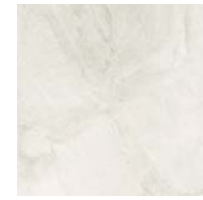
Essential 24x24
70ESSGRP24DUE



Essential 24x24
70ESSGRY24DUE



Essential 24x24
70ESSWHI24DUE



Gotham 24x24
70GOTBIA24DUE



Gotham 24x24
70GOTGRA24DUE



Gotham 24x24
70GOTNER24DUE



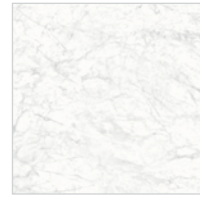
Monteverde 16x48
70MONBEI1648DUE



Monteverde 16x48
70MONGRA1648DUE



Monteverde 16x48
70MONNOC1648DUE



Nature 24x24
70NATCAR24DUE



Nature 24x24
70NATDOL24DUE



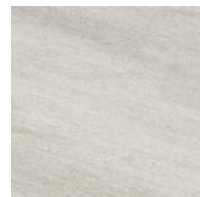
New England 16x32 - 24x24
70NEWCOL1632DUE
70NEWCOL24DUE



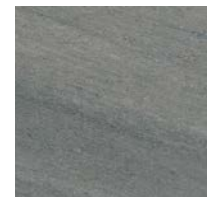
New England 16x32 - 24x24
70NEWIVO1632DUE
70NEWIVO24DUE



New England 16x32 - 24x24
70NEWWHI1632DUE
70NEWWHI24DUE



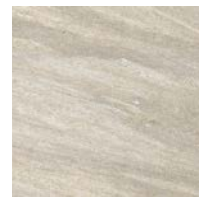
Quartzite 16x32
70QUABIA1632DUE



Quartzite 16x32
70QUADAR1632DUE



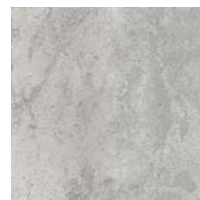
Quartzite 16x32
70QUAGRA1632DUE



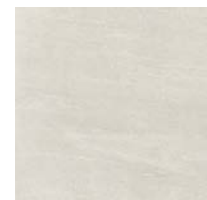
Quartzite 16x32
70QUASAN1632DUE



Travstone 16x32 - 24x24
70TRABEI1632DUE
70TRABEI24DUE



Travstone 16x32 - 24x24
70TRAGRA1632DUE
70TRAGRA24DUE



West 57th 24x24
70WESBIA24DUE



West 57th 24x24
70WESGRA24DUE

Technical Features

Thickness		20mm / 0.79"
Chemical / Stain Resistance	UNI EN ISO 10545.13	GA
	UNI EN ISO 10545.14	5
Breaking Strength	EN 14411 B1a	~50 N/mm ²
	ASTM C648	≥ 3400 lbs.
Breakage Load	EN 12825	Class 1
Mechanical Strength	EN 1339	U11
Frost Resistance	ISO 10545.12	Resistant
Water Absorption	ISO 10545.3	~0,1%
Slip Resistance (DCOF)	ANSI 137.1	≥ 0.60



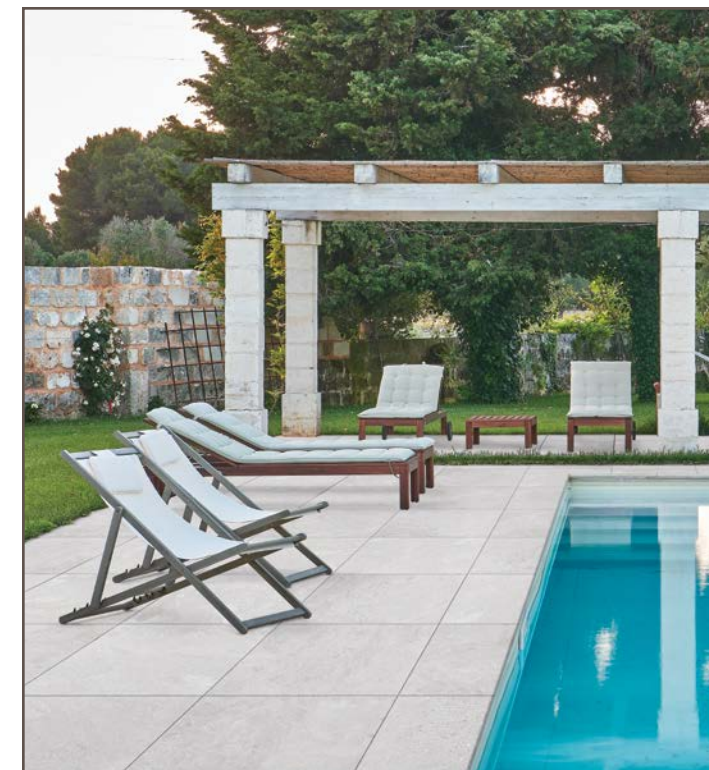
3CM Pool Coping with Modern Edge
12x24 select colors Chamonix, Gotham, Travstone

Pool Copings are Made in Italy – Confirm lead time and freight charges



2CM Pool Coping with Modern Edge
12x24 in Chamonix, Essential, Gotham, Nature, New England, Travstone, West 57th
16x32 in Arbor, New England, Quartzite, Travstone
16x48 in Monteverde

Lead time is approximately two weeks, pending factory availability.



Installation of 20mm Tiles

Installation on Grass

Installation on grass can be performed in two ways:

1. Direct – Set the tile on grass leaving 1-1/2” to 2” wide joints to allow the grass to grow. Results will be long lasting but stability will be subject to soil movements.
2. Gravel Base – Remove the grass from the area underneath (2” deep in warm and dry climate, or deeper in cold or wet climates. Compact the soil. Fill the excavated area with gravel (size 1/6” to 1/3”) or sand and compact it. Dry set the tile.



Installation on Gravel

Installation on gravel is recommended for larger areas and for installation with thin joints or joints without grass.

Excavate the soil at least 4” deep in warm and dry climate, or deeper in cold or wet climate. Compact the soil at the bottom and ensure it is sloped ($\geq 2\%$) to avoid stagnation of water. (Optional: Place a layer of geotextile to keep the gravel from sinking into the soil.) Place and compact a layer of crushed stone or gravel of 1/6” to 1/3” size. (Optional: Place a layer of geotextile to separate aggregates.) Place and compact a layer of fine gravel or sand (1/12” to 1/5”) to ease the leveling of the surface. Ensure the surface is level using a straight edge. A slight slope ($\geq 1\%$) is recommended to ensure proper drainage of the floor. Dry set the tile leaving joints at least 1/8” wide. Tile spacers can be used to facilitate installation. Ensure the floor is level with a straight edge and use a rubber hammer to correct small differences in height. Fill the joints with very fine sand (up to 1/8”) or polymeric sand.



Installation on Sand

Installation on sand can be done directly. Level and compact the sand. Dry set the tiles.



Installation on Concrete Slab

Installation with thin set on concrete slab is recommended for areas open to vehicular traffic or subject to very high stress. Be sure to leave joints at least 1/8 inch” and respect expansion joints.

To install on concrete slab on ground, start by digging and compacting the soil. Place a layer of crushed stone or gravel. Place the slab (including optional steel mesh). Install the tiles with exterior-rated elastic adhesive.



Installation on Raised Pedestals

Raised installation allows for:

- Quick installation, removal, and reuse of the system without the need for expert installers
- Total drainage of rainwater
- Safe and secure housing of pipes and cables within the underfloor void
- Easy inspection of underlying elements



Refer to the following pages for Raised Pedestal products



NM Adjustable Pedestals

A wide range of features such as the noise-reducing rubber head, the Adjustment Key, a wide range of adjustable heights and the pre-cut base for wall corner cuts, make the NM pedestal perfect for any kind of raised flooring applications. Featuring an above average loading capacity and a reliability that can only be offered by experts in the field of raised flooring supports, the NM pedestal is regularly selected and widely appreciated Internationally within the building industry. When installed on a slopping surface, shims or the slope compensator can be placed on the pedestal head to ensure a level support surface. The slope compensator can add up to 1% of slope.

Features:

- Bi-material head offers anti-noise and anti-slip
- Made from 100% recycled material
- Removable spacer tabs
- Smooth base with pre-cut lines
- Resistant to weathering, acids, UV rays, and wear and tear
- Resistant to temperatures ranging from -40F to 248F

Specs:

- Base Diameter: 8"
- Head Diameter: 6"
- Tab Height: 1/2"
- Tab Width: 5/32"
- Load Capacity: 3,300 lbs



NM-1 NM-2 NM-3



1" - 1.57"
(25-40 mm)



1.57" - 2.75"
(40-70 mm)



2.36" - 3.93"
(60-100 mm)

NM-4 NM-5 NM Extension



3.54" - 6.30"
(90-160 mm)

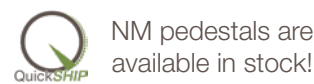


5.90" - 10.63"
(150-270 mm)



The NM Extension is utilized when heights surpass the maximum height of the NM-5 pedestal (10.63"). Each extension will add up to 5.7" to the overall height of the pedestal being installed.

For more technical information, visit www.mrpsupports.com



Adjustable Pedestals

Bison pedestal deck supports are manufactured in the USA of high density copolymer polypropylene with 20% post-industrial recycled materials. The unique patented design of screw-to-adjust pedestals ensure perfectly level decks which are impervious to water, mold, and freeze/thaw cycles. The fast and easy installation promotes labor savings.



Versadjust

Features:

- Integral base leveling to correct for 0-4% sloped substrates
- Each pedestal supports 1,250 lbs (5.56kN)
- Quick-clip extenders to reach heights fast, up to 36"
- Adjustable system height range is 2-1/4" to 36"
- Accessories available for heights from 1/8" to 2-1/4"
- Pedestal bracing system for additional stability and heights over 24"
- Industrial grade



Level.It

Features:

- Simple, extended height range pedestal
- Each pedestal supports 750 lbs (3.34kN)
- Adjustable system height range is 2" to 12"
- Accessories available for heights from 1/8" to 2"
- Patented design features exclusive internal coupler
- Long lasting solution with no maintenance over time
- Residential grade; Durable commercial quality



Screwjack

Features:

- The original pedestal with proven performance since 1994
- Each pedestal supports 1,000 lbs (4.45kN)
- Adjustable system height range is 1-1/4" to 36"
- Accessories available for heights from 1/8" to 1-1/4"
- Pedestal bracing system for additional stability and heights over 24"
- Commercial grade



For more technical information, visit www.bisonip.com

Crossville Exterior



Owen Stone
12x24 - 24x24
03OST021224EXT
03OST0224EXT



Owen Stone
12x24 - 24x24
03OST011224EXT
03OST0124EXT



Owen Stone
12x24 - 24x24
03OST041224EXT
03OST0424EXT



Owen Stone
12x24 - 24x24
03OST051224EXT
03OST0524EXT



Owen Stone
12x24 - 24x24
03OST031224EXT
03OST0324EXT



Owen Stone
12x24 - 24x24
03OST061224EXT
03OST0624EXT



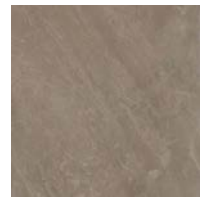
Portugal 12x24 - 24x24
03PTG021224EXT
03PTG0224EXT



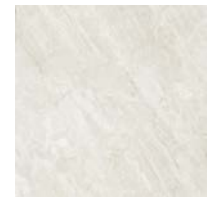
Portugal 12x24 - 24x24
03PTG051224EXT
03PTG0524EXT



Portugal 12x24 - 24x24
03PTG061224EXT
03PTG0624EXT



Portugal 12x24 - 24x24
03PTG041224EXT
03PTG0424EXT



Portugal 12x24 - 24x24
03PTG011224EXT
03PTG0124EXT



Portugal 12x24 - 24x24
03PTG031224EXT
03PTG0324EXT



Crossville porcelain products are available in popular plank shapes with no minimum order and quick fulfillment. Contact your Sales Rep for more details and sizes.

Technical Features – Owen Stone

Thickness		9.5mm; 24x48 - 10.5mm
Breaking Strength	ASTM C648	> 450 lbf
Bond Strength	ASTM C482	> 200 psi
Chemical Resistance	ASTM C650	Unaffected
Frost Resistance	ASTM C1026	Resistant
Water Absorption	ASTM C373	< 0.20%
Scratch Hardness	Mohs Scale	7
DCOF (Wet)	AcuTest SM	0.42 - .052 LTR; 0.60 - 0.70 EXT
Shade Variation		V3 High

Technical Features – Portugal

Thickness		10.5mm
Breaking Strength	ASTM C648	> 500 lbf
Bond Strength	ASTM C482	> 200 psi
Chemical Resistance	ASTM C650	Unaffected
Frost Resistance	ASTM C1026	Resistant
Water Absorption	ASTM C373	< 0.20%
Scratch Hardness	Mohs Scale	7
DCOF (Wet)	AcuTest SM	0.60 - 0.70
Shade Variation		V2 Moderate

Lead time is approximately 1-2 weeks, pending factory availability.



Crossville Porcelain Countertops



03PC001SLAB12 (Ups)
03PC002SLAB12 (Pol)



03PC008SLAB12 (Ups)
03PC009SLAB12 (Pol)



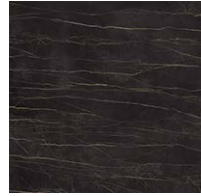
03PC007SLAB12 (Ups)



03PC005SLAB12 (Ups)



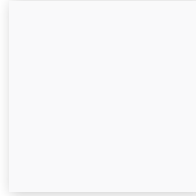
03PC003SLAB12 (Ups)
03PC004SLAB12 (Pol)



03PC010SLAB12 (Pol)



03PC011SLAB12 (Ups)
03PC012SLAB12 (Pol)



03PC015SLAB12 (Ups)
03PC016SLAB12 (Pol)

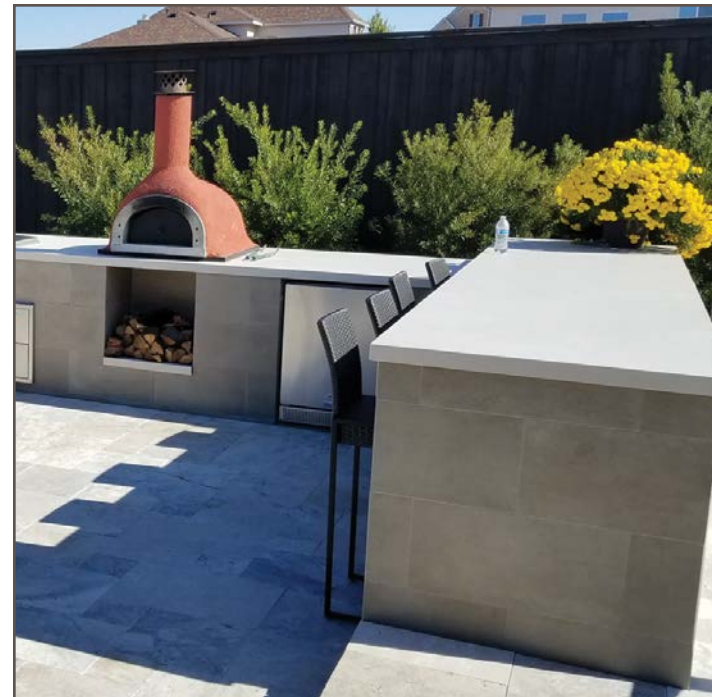


03PC006SLAB12 (Ups)



03PC013SLAB12 (Ups)
03PC014SLAB12 (Pol)

Slabs are 63.8" x 127.6" x 12mm thick; Available in Polished and Unpolished as noted
Material must deliver to a fabricator and pricing quoted by fabricator.
Lead time is approximately one week, pending factory availability.



Advantages

LONGER LASTING

- Stain resistant
- Resistant to heat and high temperatures
- Resistant to chemicals, acids, alkalis, and solvents
- Resistant to scratching and abrasions
- Fire resistant

PERFECT FOR OUTDOORS

- Frost resistant
- Colorfast in UV light and severe climate change

EASIER TO MAINTAIN

- Requires no special cleaning products
- Resistant to mold and fungi
- Graffiti resistant

EASIER TO FABRICATE

- Dimensional stability makes it easier to cut
- Stressless product to prevent splintering and cracking
- No stress cuts are required

Features



CHEMICAL RESISTANCE

Crossville Porcelain Countertops resist organic and inorganic solvents, disinfectants and detergents. They can be easily cleaned without affecting its surface characteristics; the only product that can attack our counters is hydrofluoric acid.



FIRE RESISTANT

Crossville Porcelain Countertops do not contain organic material therefore are resistant to fire and high temperatures.



WEAR RESISTANCE

Crossville Porcelain Countertops are highly scratch resistant and resistant to deep abrasion. The properties of the countertops remain unchanged even after intensive use and frequent cleaning.



CHROMATIC PROPERTIES

Crossville Porcelain Countertops do not contain organic pigments and are resistant to UV rays. Even in the harshest sunlight colors stay true.



HIGH FLEXURAL STRENGTH

Crossville Porcelain Countertops have high modulus of rupture.



GRAFFITI

Crossville Porcelain Countertops are graffiti resistant. Even the strongest paints can be removed.



FROST RESISTANCE

Crossville Porcelain Countertops' average water absorption is 0.1% making them frost resistant in any weather condition.

Edge Profiles

What types of edge treatments are available with Crossville Porcelain Countertops?

Crossville Porcelain Countertops may be finished in a variety of ways. Build the product up with mitered edges to your desired thickness. Keep things sleek and modern with a 12mm eased or bullnosed edge. Or bring in the bling with your favorite metallic edging. Here, the creative solution is yours..



Bullnose



Built-up

Edge treatment profiles



For samples, fax request to 866-480-TILE (8453)
or email samples@mosaictileco.com



mosaic 
Products. Design. Solutions.

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www.mosaictileco.com



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100% wind powered!
All locations support
renewable power sources.

