

# OUTDOOR



**MI**  **E** *stone*  
Italian tile Made in the USA



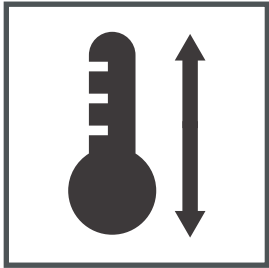
# OUTDOOR



MILE stone's Outdoor 2CM is a new 3/4 inch thick paving porcelain system with the same benefits of regular porcelain offering a blend of design, versatility, performance, simplicity of installation and eco-sustainability.



# BENEFITS OF MILESTONE OUTDOOR 2CM



THERMAL SHOCK  
RESISTANT (-40°F - 210°F)



HEAVY COMMERCIAL



EASY TO CLEAN  
STAIN, CHEMICAL  
AND SALT RESISTANT



SUPERIOR IN STRENGTH  
AND IMPACT RESISTANCE  
TO CERAMIC TILES  
(SUPPORTS OVER  
2000LB), LIGHTER &  
EASIER TO HANDLE THAN  
CONCRETE BLOCKS



VIRTUALLY NO  
MAINTENANCE



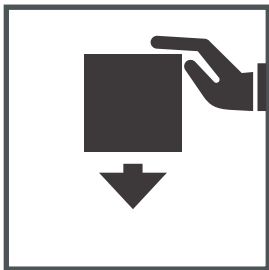
SLIP RESISTANT AND  
QUICK DRAINING



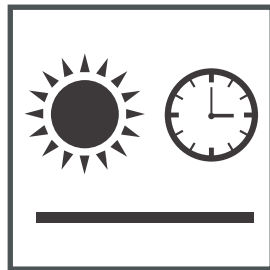
EASY TO INSTALL



RECYCLABLE AND  
ECOLOGICAL



VERSATILE  
INSTALLATION  
APPLICATIONS



HEAT RESISTANT UV



AVAILABLE IN A BROAD  
RANGE OF COLORS/  
STYLES



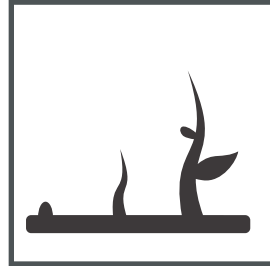
MASSIVE OVER LIFE  
COST SAVINGS



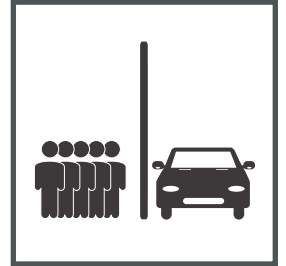
RESISTANT TO SALT CORROSION



RESISTANT TO ATTACK FROM MOLD, MOSS AND VERDIGRIS TREATMENTS



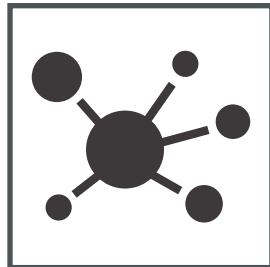
RESISTANT TO EFFLORESCENCE AND OTHER MARKS



DURABLE: RESISTANT TO HEAVY VEHICLE AND PEDESTRIAN TRAFFIC



FROST-PROOF



HYPOALLERGENIC. NO VOC.



EASY TO STERILIZE



EASY TO CLEAN



Contributes to LEED credits

Environment  
PRIORITY ONE



40% recycled content





MULTICOLOR 24"x24"

## FLORIM USA OUTDOOR

vs **CONCRETE**

Ability to express many looks;  
controlled variation and quality

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Frost resistant

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Easy installation

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User friendly. Easy to clean and  
slip resistant

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Highly resistant to chemicals, mold &  
mildew, salt & corrosion, and stains

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Low maintenance, enhanced  
durability, more convenience

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Unpredictable results, color uniformity  
cannot be guaranteed

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Needs special treatment to resist frost

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Requires special installation considerations

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Easy to crack, poor drainage,  
and increased potential for curling

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Absorbs stains easily, sealing required;  
subject to scratches and wear patterns over time

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More maintenance required to extend its  
life cycle, not cost effective

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## FLORIM USA OUTDOOR

vs **STONE**

Better choice for areas that see a lot of foot traffic

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Porcelain can be whatever you want it to be

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Quick to install

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Harder and stronger

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More time for you, less for cleaning

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Requires periodic maintenance,  
it needs to be sealed once a year

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Cracking and pitting are common  
in natural stones

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Stone requires additional labor for  
pre-sealing and thicker thin sets because of the  
irregularity of the material

---

Absorbs water, prone to stains and scratches

---

More difficult to clean, needs special products

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## FLORIM USA OUTDOOR

vs **HARD WOOD**

Great for all climates and locations

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Perfect for the everyday lifestyle,  
tile flooring offers easy maintenance

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You can create a custom flooring  
design that's one of a kind

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Eco-Friendly Tile gives the warmth and welcoming  
look of wood without destroying a single tree

---

Despite its inviting beauty hardwood flooring can only  
go so far, hardwood presents installation restriction

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Limited durability, hardwood is a high maintenance  
choice

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Designing a unique pattern on  
a wood floor can be expensive and time-consuming

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Although naturally resilient, hardwood is still  
susceptible to scratches, dents, cracking and warping

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Italian tile Made in the USA

The functional, yet elegant, outdoor 2CM collection ties together both your indoor and outdoor spaces with ease. Everything from the garden to the swimming pool. From stairways to driveways - our system offers a wide array of colors, surfaces, and combinations to be used in different ways.

## 1. SWIMMING POOL

## 2. SUNDECK

## 3. TERRACE

## 4. PATH

## 5. STAIRS

## 6. HANDRAIL

## 7. WALL

## 8. DRIVEWAY







1

2

3

7

6



EARTH / MANHATTAN GREY p.6



EARTH / MULTICOLOR p.10



EARTH / MOON WHITE p.14



EARTH / MIAMI WHITE p.18

# EARTH



EARTH / LIGHT GREY p.22



EARTH / DARK GREY p.26

## colors

EARTH / MANHATTAN GREY



EARTH / MULTICOLOR



EARTH / MOON WHITE



EARTH / MIAMI WHITE



EARTH / LIGHT GREY



EARTH / DARK GREY





# EARTH

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Drawing inspiration from the Dolomites in Northeastern Italy, Earth, one of the three lines in our Outdoor collection, offers the classic beauty and variation of natural stone and the unparalleled durability of porcelain. Earth is perfect for designers and consumers who admire the elegant look of naturally occurring stone like that of the Dolomites. The beautiful organic qualities of Earth were inspired by the mountains, rivers, and valleys of the Trentino region and create a natural effortless style in any outdoor setting. Calming earthy tones and textures make this line a versatile choice for a variety of outdoor installations. From clean whites to warm greys and browns, Earth embodies a natural warm feel that is unsurpassed. With the ability to mimic virtually any stone, our 2CM pavers provide essentially endless possibilities.

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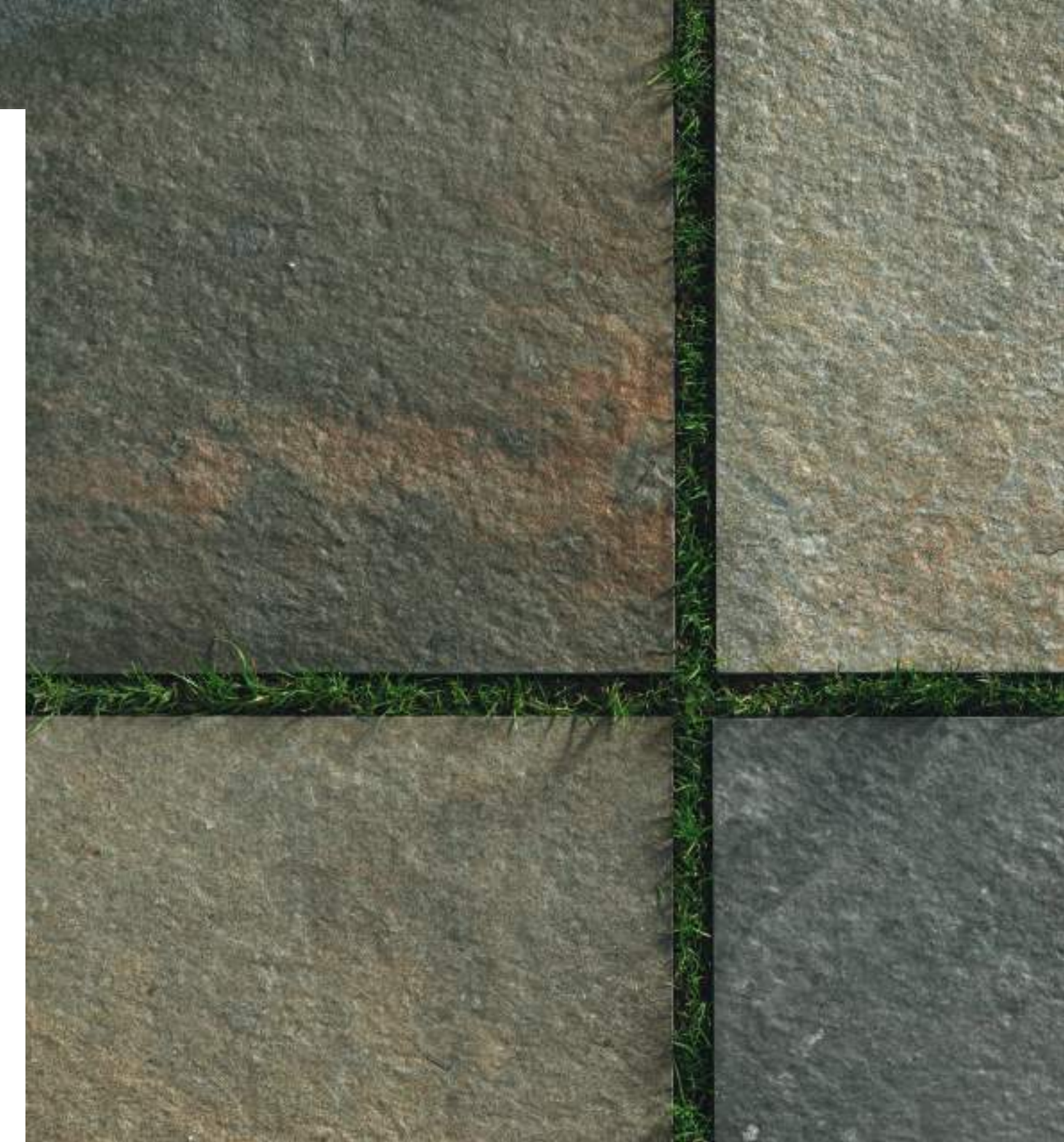
EARTH / MANHATTAN GREY

# EARTH













**EARTH / MULTICOLOR**



# EARTH



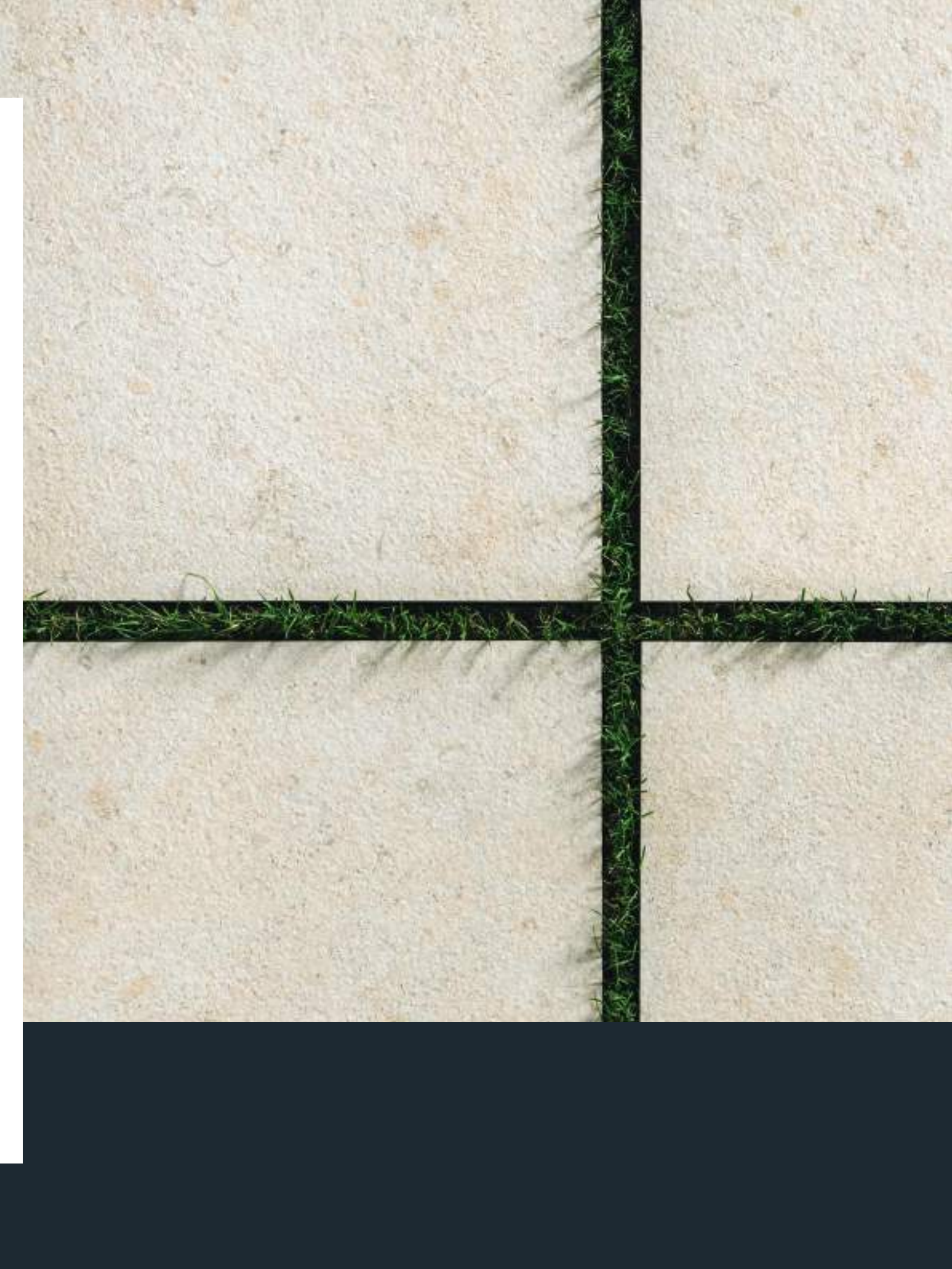
24"x24" / MULTICOLOR





24"x24" / MULTICOLOR









**EARTH / MOON WHITE**





12"x24". 24"x24" / MOON WHITE





Moon White completes this pool area with a classic, sophisticated style that will always leave a lasting impression.







**EARTH / MIAMI WHITE**



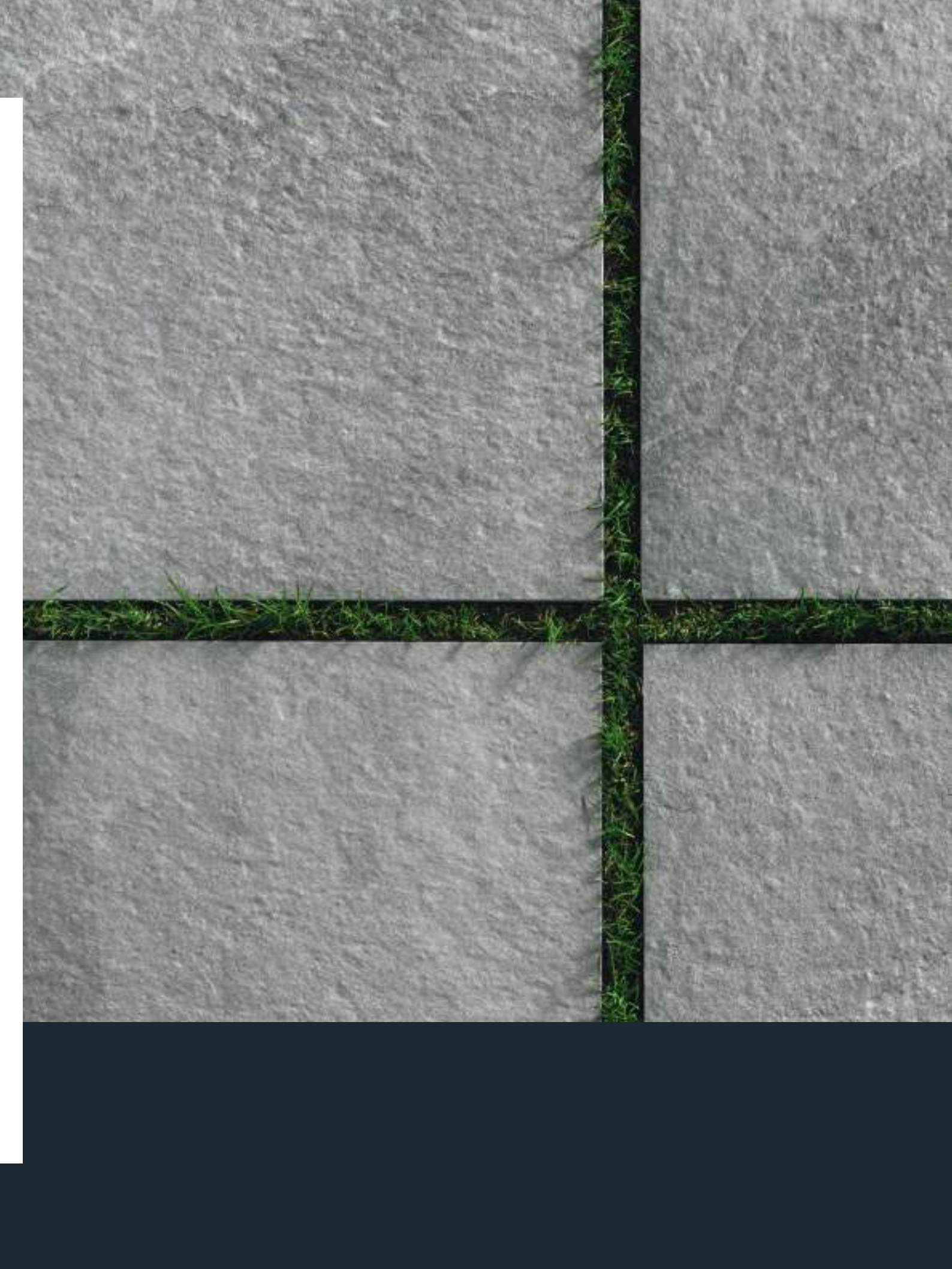


24"x24" / MIAMI WHITE

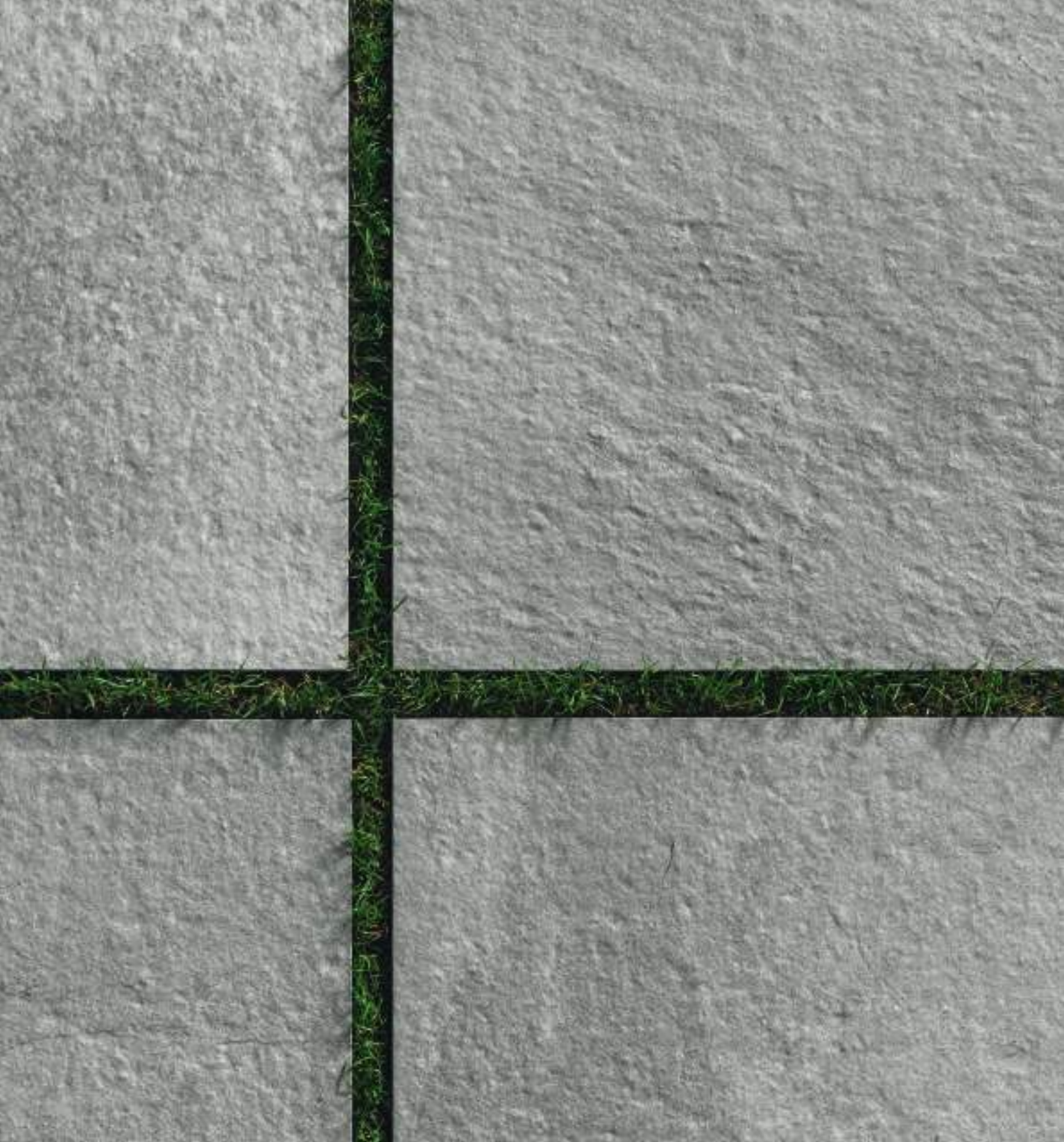












EARTH / LIGHT GREY



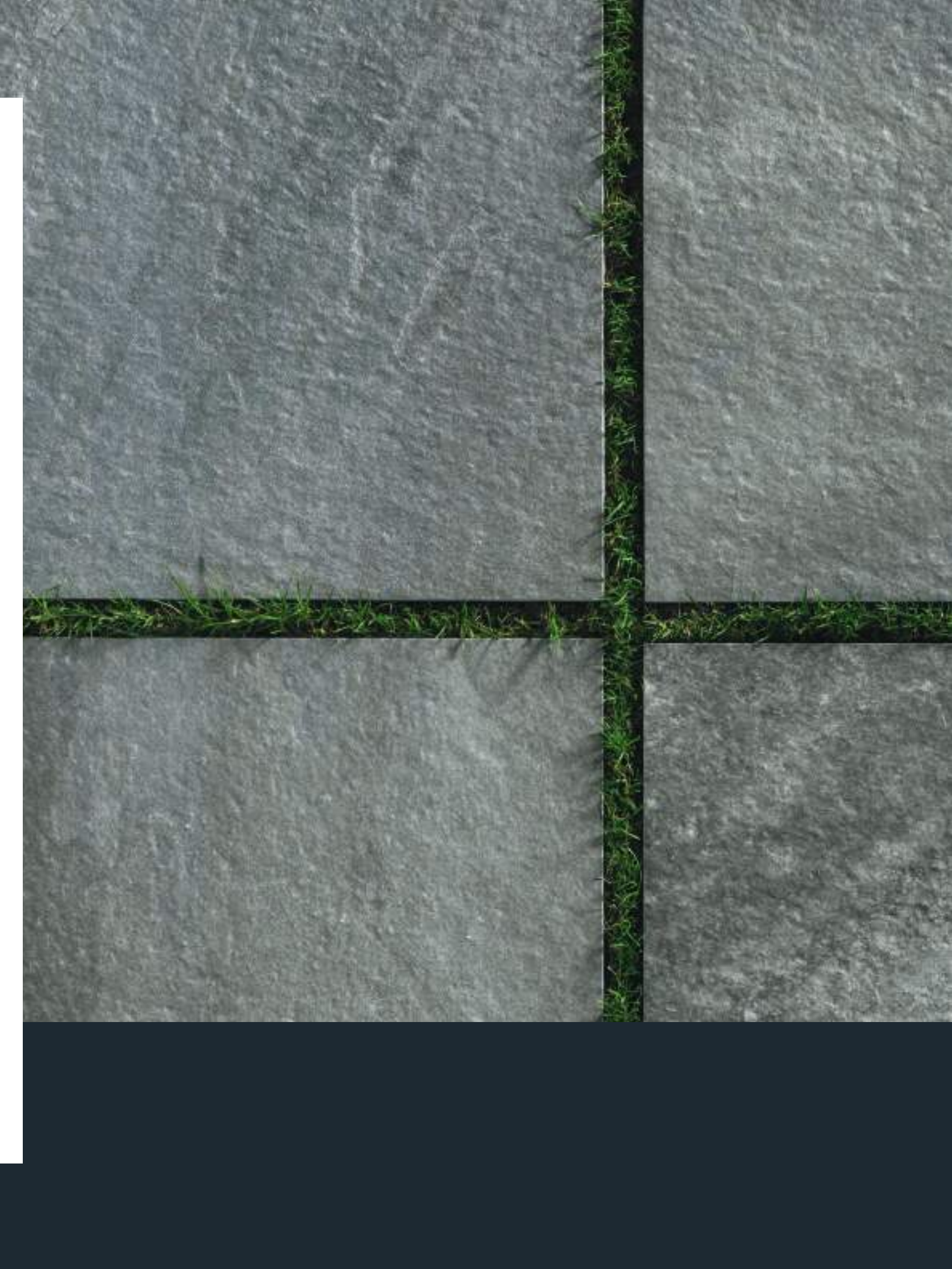
# EARTH



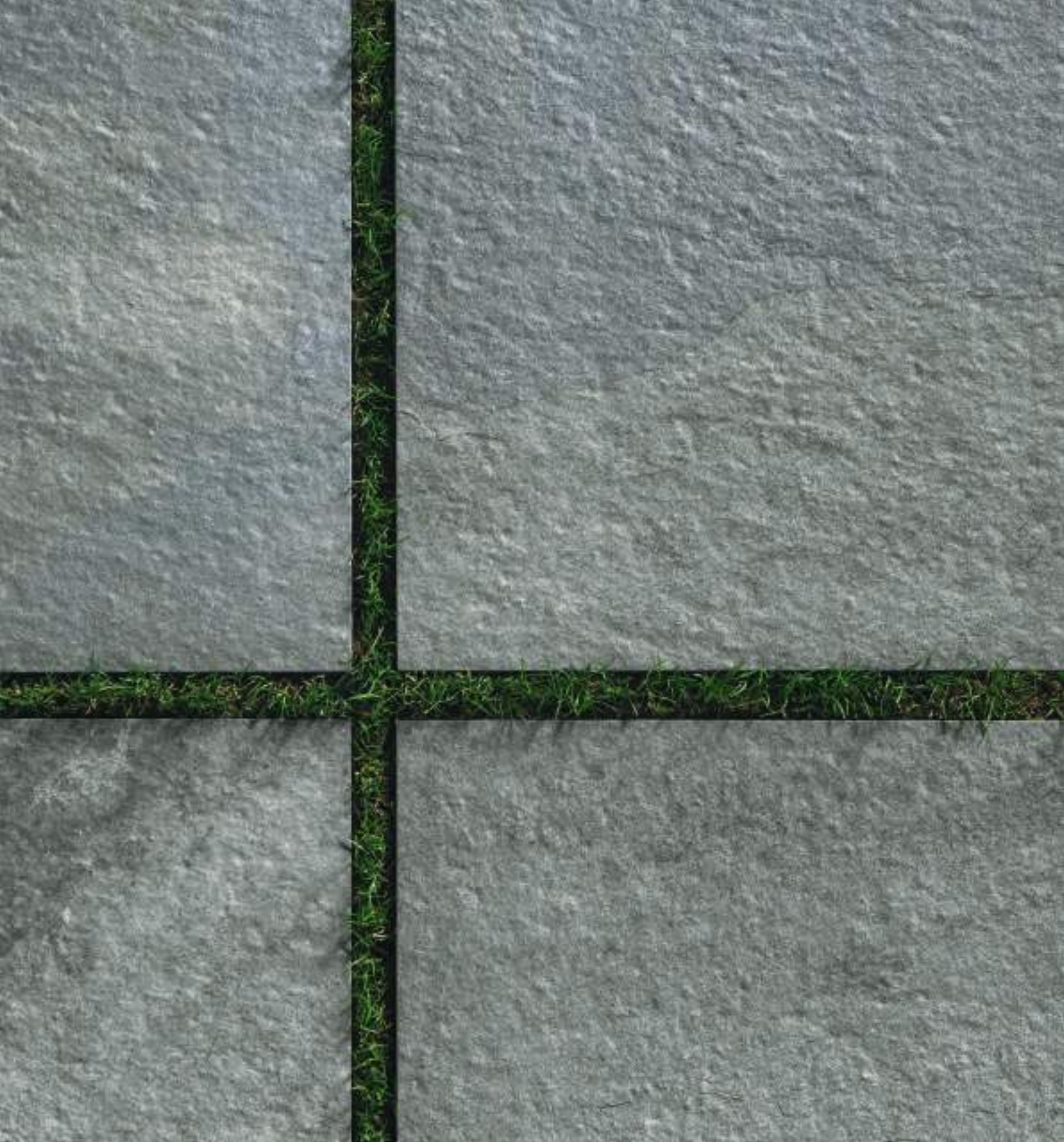


24"x24" / LIGHT GREY









**EARTH / DARK GREY**





24"x24" / DARK GREY





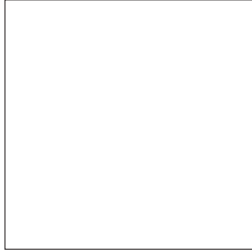
# SIZES & SHADE VARIATION

28

## sizes:

24"x24"

Rectified / Matte



- 1096343 Dark Grey
- 1096344 Light Grey
- 1096348 Manhattan Grey
- 1096349 Miami White
- 1096350 Moon White
- 1096342 Multicolor

## packaging

SIZES	METRIC (CM)	THICKNESS (CM)	PIECES PER BOX	SQ. FT PER BOX	WEIGHT PER BOX	BOXES PER PALLET	UOM PER PALLET	WEIGHT PER PALLET*
<b>FIELD TILES</b>								
24"x24" RECTIFIED	60x60	2 cm	2	8	76	36	288	2,736
<b>COPING</b>								
12"x24" COPING	30x60	2 cm	4	8	73.6	40	160 pcs	2,944
12"x24" STAIR TREAD COPING	30x60	2 cm	4	8	73.6	40	160 pcs	2,944
12"x24" DRAIN COPING	30x60	2 cm	4	8	73.6	40	160 pcs	2,944
12"x24" DRAIN COPING WITH STAIR TREAD	30x60	2 cm	4	8	73.6	40	160 pcs	2,944

\* WEIGHT PER PALLET DOES NOT INCLUDE PALLET WEIGHT ITSELF.  
 ALL OTHER SIZES WILL BE PACKAGED AS ORDERED.  
 PLEASE CONTACT MILESTONE CUSTOMER SERVICE AT 1-877-356-7461 FOR PACKAGING INFORMATION.

Colors shown may vary from actual product.  
 Final selection should be made from actual product samples.



## coping:

Radius: 10mm Diameter: 20mm



### COPING 12"x24"

- 1100271 Manhattan Grey
- 1100268 Multicolor
- 1100273 Moon White
- 1100272 Miami White
- 1100270 Light Grey
- 1100269 Dark Grey



## V1

### UNIFORM APPEARANCE

Differences among pieces from the same production run are minimal.



### DRAIN COPING 12"x24"

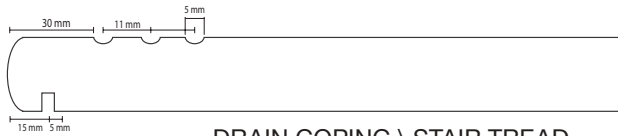
- 1100282 Manhattan Grey
- 1100279 Multicolor
- 1100284 Moon White
- 1100283 Miami White
- 1100281 Light Grey
- 1100280 Dark Grey



## V2

### SLIGHT VARIATION

Clearly distinguishable differences in texture and/or pattern with similar colors.



### DRAIN COPING \ STAIR TREAD 12"x24"

- 1100304 Manhattan Grey
- 1100301 Multicolor
- 1100306 Moon White
- 1100305 Miami White
- 1100303 Light Grey
- 1100302 Dark Grey



## V3

### MODERATE VARIATION

While the colors present on a single piece of tile will be indicative of the colors to be expected on the other tiles, the amount of colors on each piece will vary significantly.



### COPING \ STAIR TREAD 12"x24"

- 1100293 Manhattan Grey
- 1100290 Multicolor
- 1100295 Moon White
- 1100294 Miami White
- 1100292 Light Grey
- 1100291 Dark Grey



## V4

### SUBSTANTIAL VARIATION

Random color differences from tile to tile, so that one tile may have totally different colors from that on other tiles. Thus, the final installation will be unique.

**MI**  **E** *stone*

Italian tile Made in the USA



MOOD WOOD / WHITE p.XX

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MOOD WOOD / HONEY p.XX

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# MOOD WOOD



## colors

MOOD WOOD / **WHITE**



MOOD WOOD / **HONEY**



MOOD WOOD / **GREY**



# MOOD WOOD

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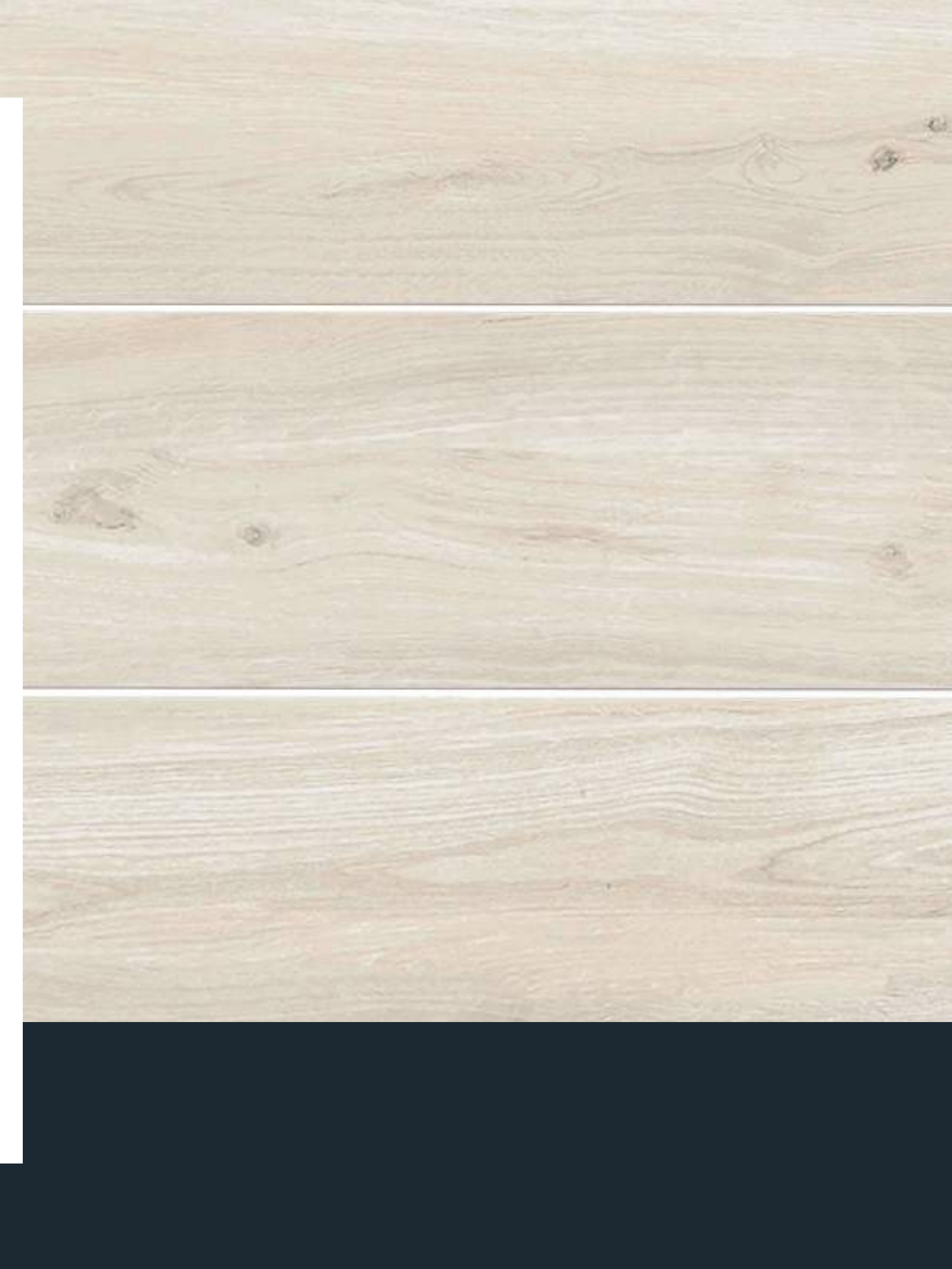
Transform your residential and commercial project with the elegant look of natural wood with the MOOD WOOD collection by Milestone.

Combining a sleek, matte finish with an array of 3 warm color compositions, MOOD WOOD provides the durability of porcelain tile while combining the authentic look of wood popular in modern design.

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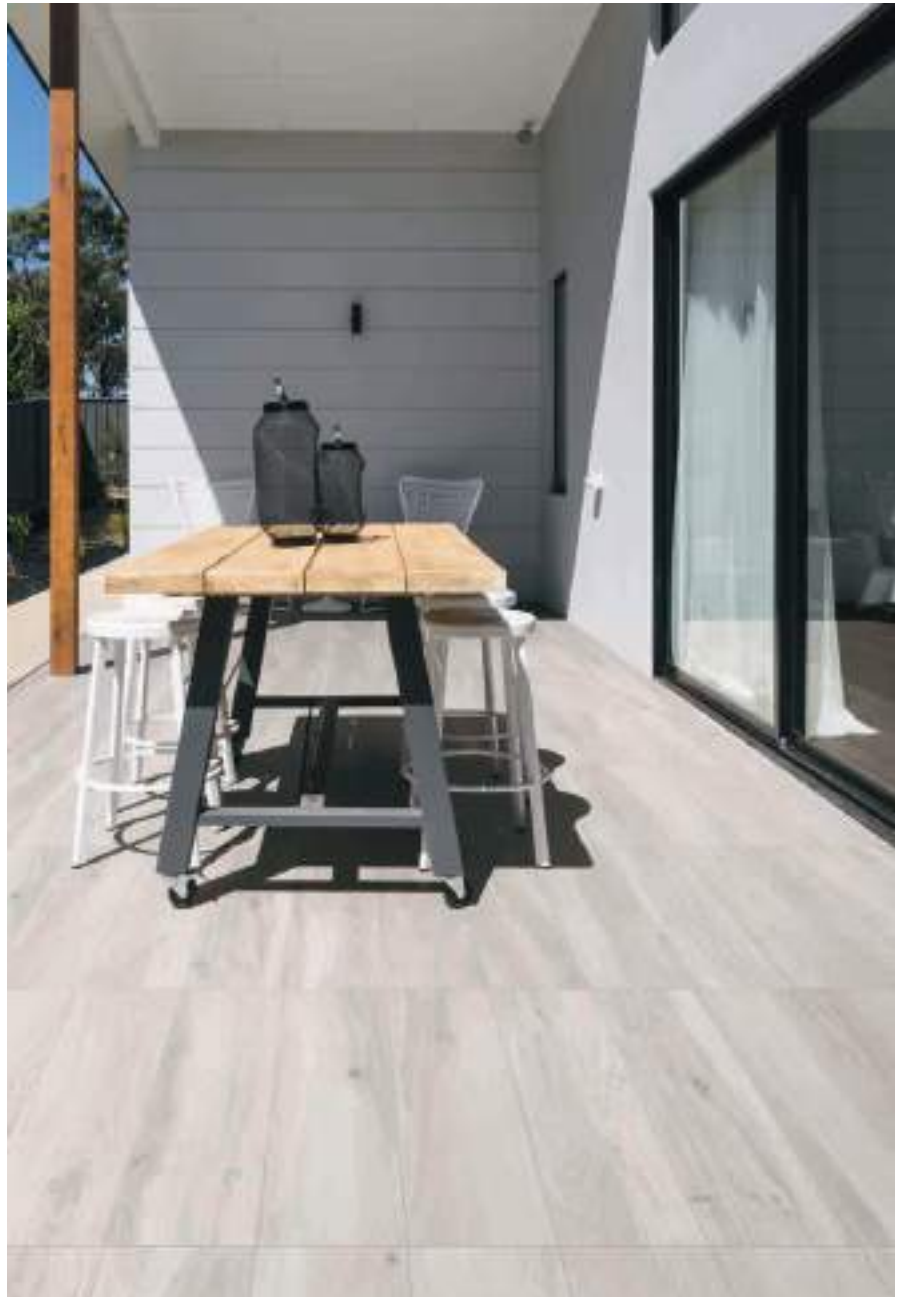
MOOD WOOD / **WHITE**

# MOOD WOOD

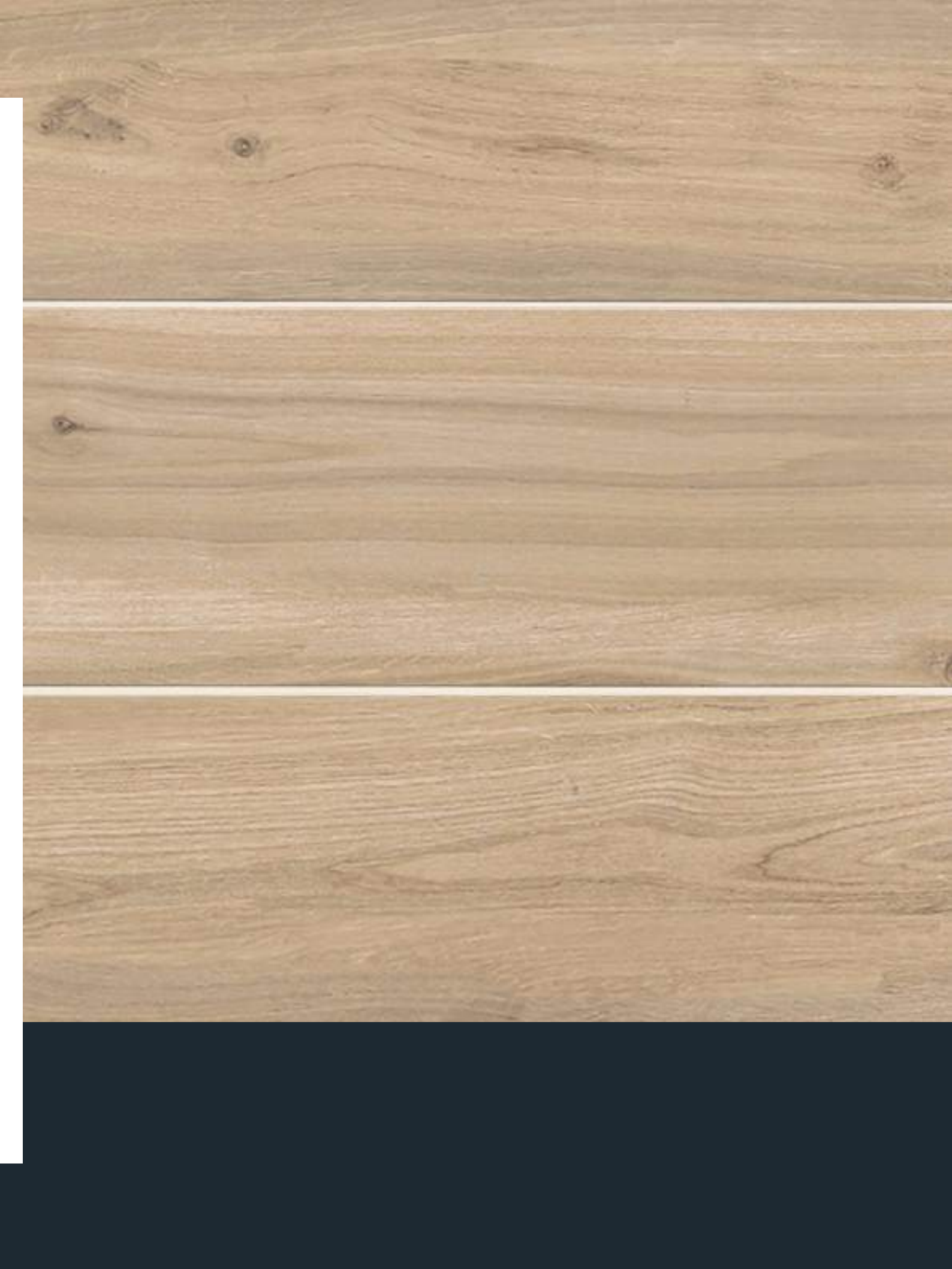


12"x48" / WHITE





12"x48" / WHITE







MOOD WOOD / **HONEY**

# MOOD WOOD



12"x48" / HONEY











MOOD WOOD / **GREY**

# MOOD WOOD



12"x48" / GREY





Mood Wood Grey is highlighted by tones of charcoal and grey with a natural wood grain finish, giving the appearance of wood planks that have been weathered by the ocean spray.

# SIZES & SHADE VARIATION

46

sizes:

12"x48"  
Rectified / Matte



1100818 White  
1100819 Honey  
1100822 Grey

## packaging

SIZES	METRIC (CM)	THICKNESS (MM)	PIECES PER BOX	UOM PER BOX	WEIGHT PER BOX	BOXES PER PALLET	UOM PER PALLET	WEIGHT PER PALLET*
<b>FIELD TILES</b>								
12"x48" RECTIFIED MATTE	30x120	20 mm	4	16 SF	147	16	256 SF	2,352

\* WEIGHT PER PALLET DOES NOT INCLUDE PALLET WEIGHT ITSELF.  
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**UNIFORM APPEARANCE**  
Differences among pieces from the same production run are minimal.



**SLIGHT VARIATION**  
Clearly distinguishable differences in texture and/or pattern with similar colors.



**MODERATE VARIATION**  
While the colors present on a single piece of tile will be indicative of the colors to be expected on the other tiles, the amount of colors on each piece will vary significantly.



**SUBSTANTIAL VARIATION**  
Random color differences from tile to tile, so that one tile may have totally different colors from that on other tiles. Thus, the final installation will be unique.



+ONE / CHALK p.XX



+ONE / GREIGE p.XX



# +ONE



+ONE / GREY p.XX

## colors

+ONE / CHALK



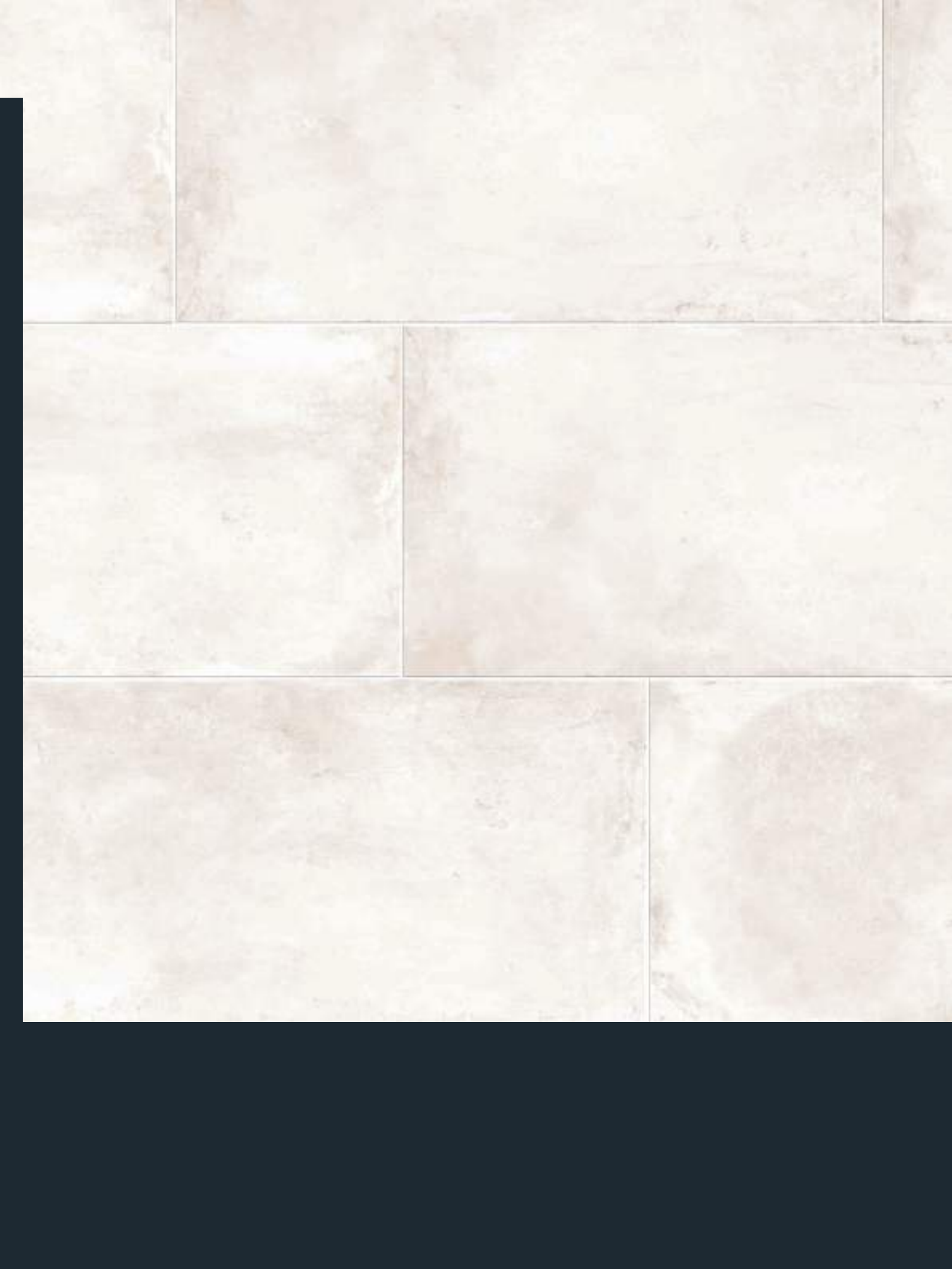
+ONE / GREIGE



+ONE / ASH



+ONE / COLOR BODY PORCELAIN MADE IN THE USA.







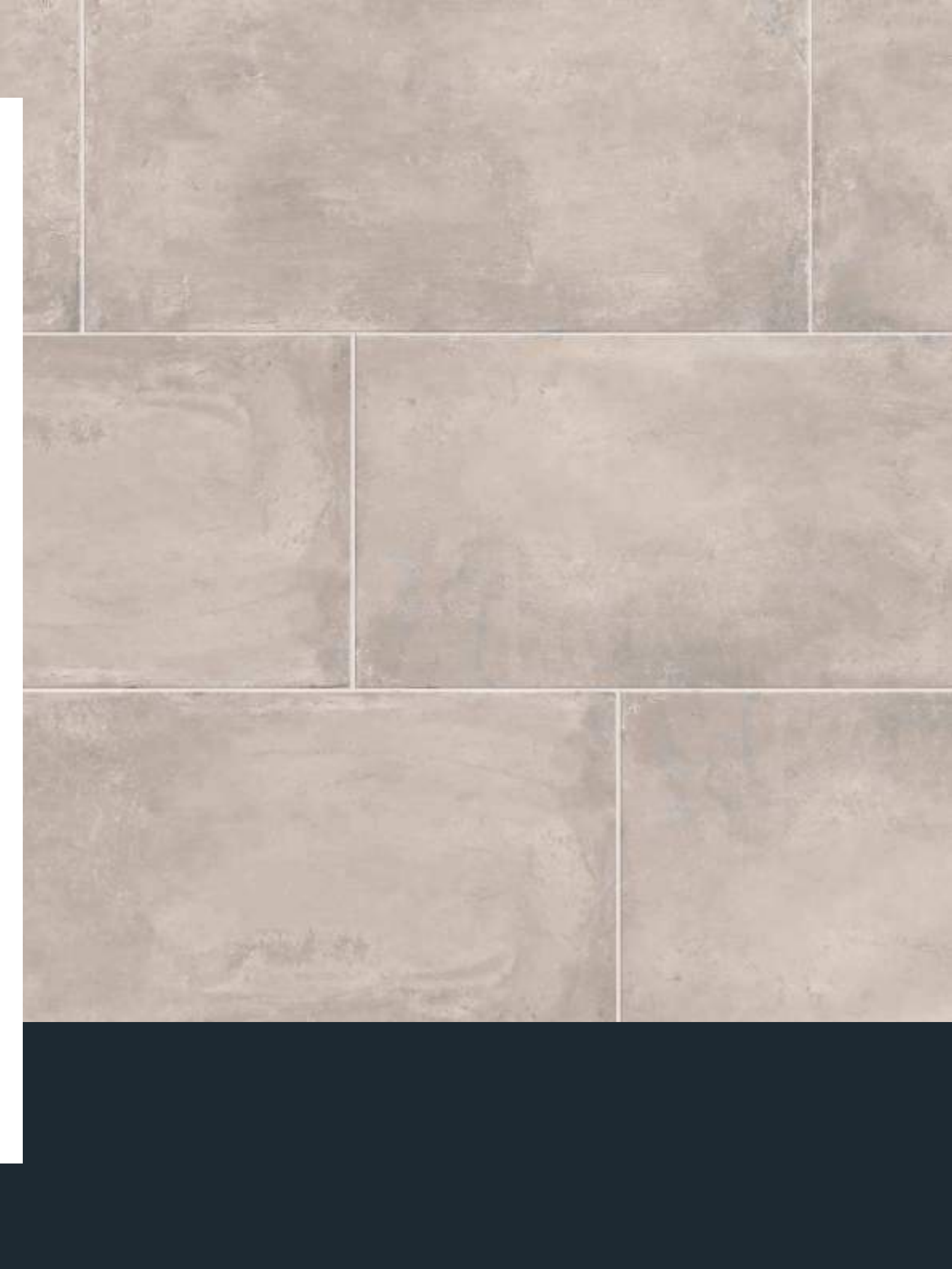
+ONE / CHALK



24"x24" / CHALK











+ONE / GREIGE

# +ONE



12"x48" / GREIGE



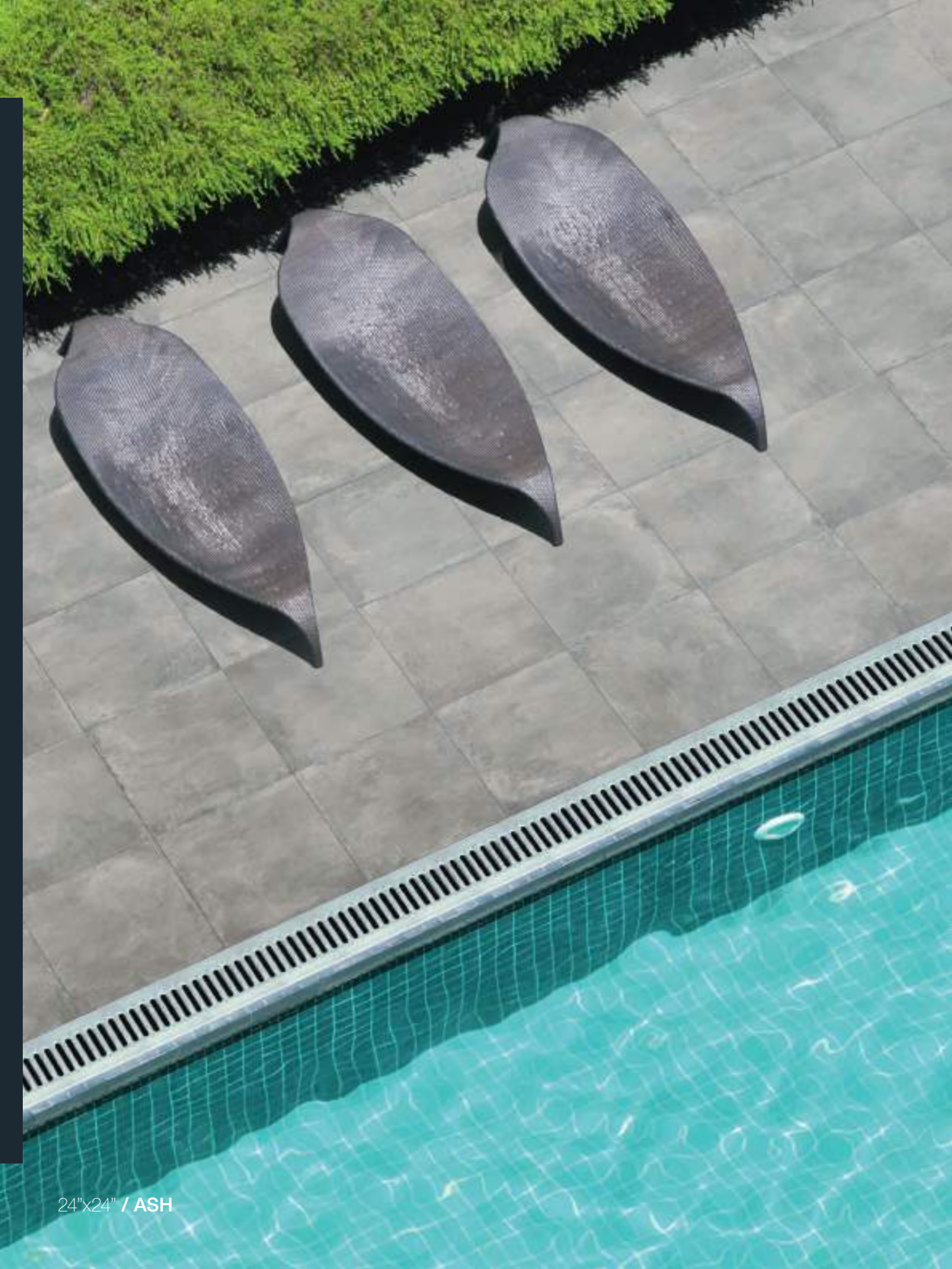








+ONE / **ASH**



24"x24" / ASH





# SIZES & SHADE VARIATION

62

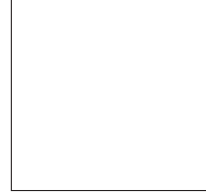
## sizes:

12"x48"  
Rectified / Matte



1101411 Chalk  
1101412 Greige  
1101413 Ash

24"x24"  
Rectified / Matte



1101414 Chalk  
1101415 Greige  
1101416 Ash

## packaging

SIZES	METRIC (CM)	THICKNESS (MM)	PIECES PER BOX	UOM PER BOX	WEIGHT PER BOX	BOXES PER PALLET	UOM PER PALLET	WEIGHT PER PALLET*
<b>FIELD TILES</b>								
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24"x24" RECTIFIED MATTE	60x60	20 mm	2	8 SF	76	36	288 SF	2,736

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**UNIFORM APPEARANCE**

Differences among pieces from the same production run are minimal.



**SLIGHT VARIATION**

Clearly distinguishable differences in texture and/or pattern with similar colors.



**MODERATE VARIATION**

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**SUBSTANTIAL VARIATION**

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# QUARTZ



QUARTZ / GREY p.XX

## colors

QUARTZ / **EXTRA WHITE**



QUARTZ / **WHITE**



QUARTZ / **GREY**









**QUARTZ / EXTRA WHITE**

# QUARTZ

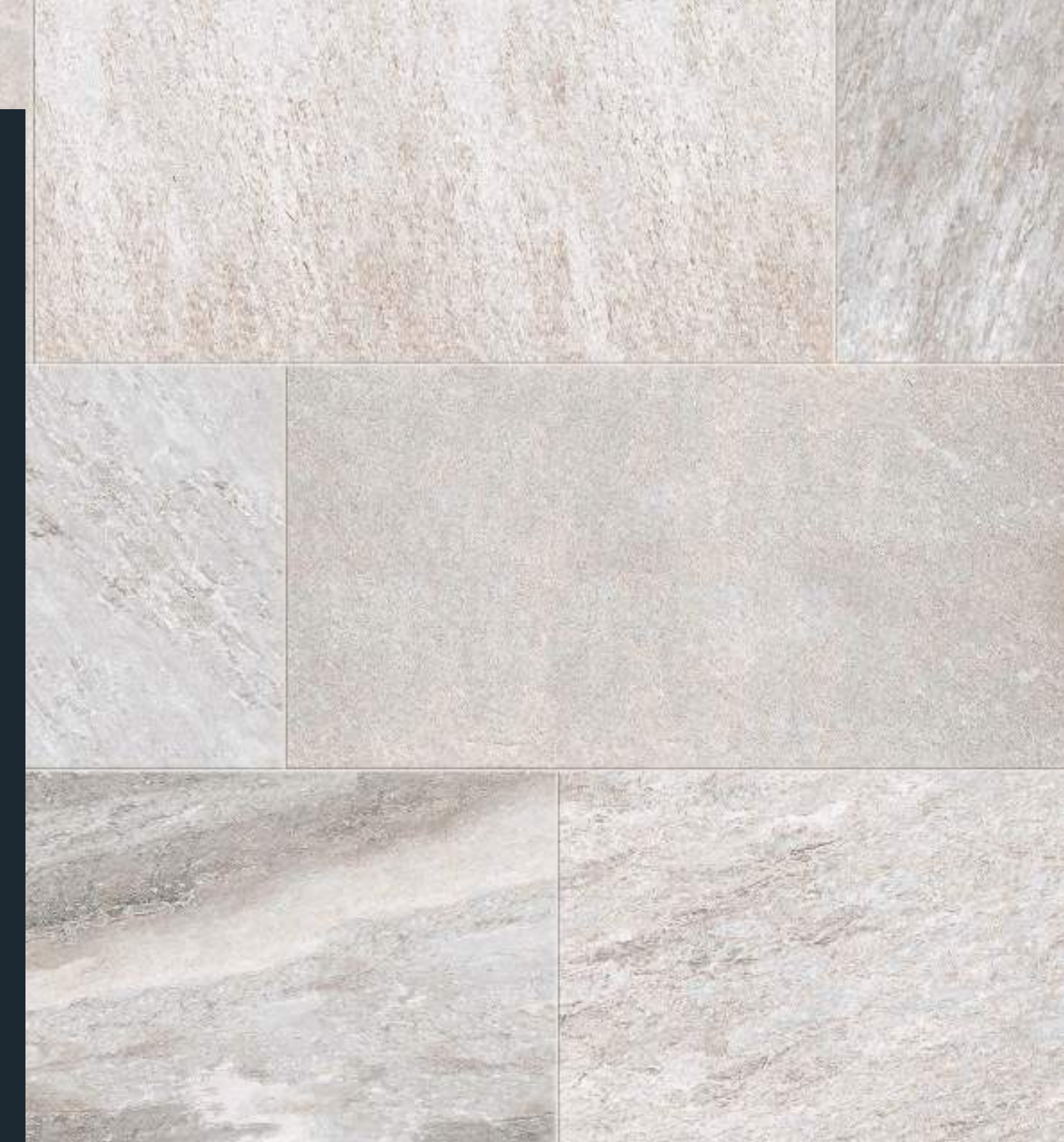


12"x48" / EXTRA WHITE





12"x48" / EXTRA WHITE







QUARTZ / WHITE

# QUARTZ



12"x48" . 24"x24" / **WHITE**





12"x48" . 24"x24" / **WHITE**

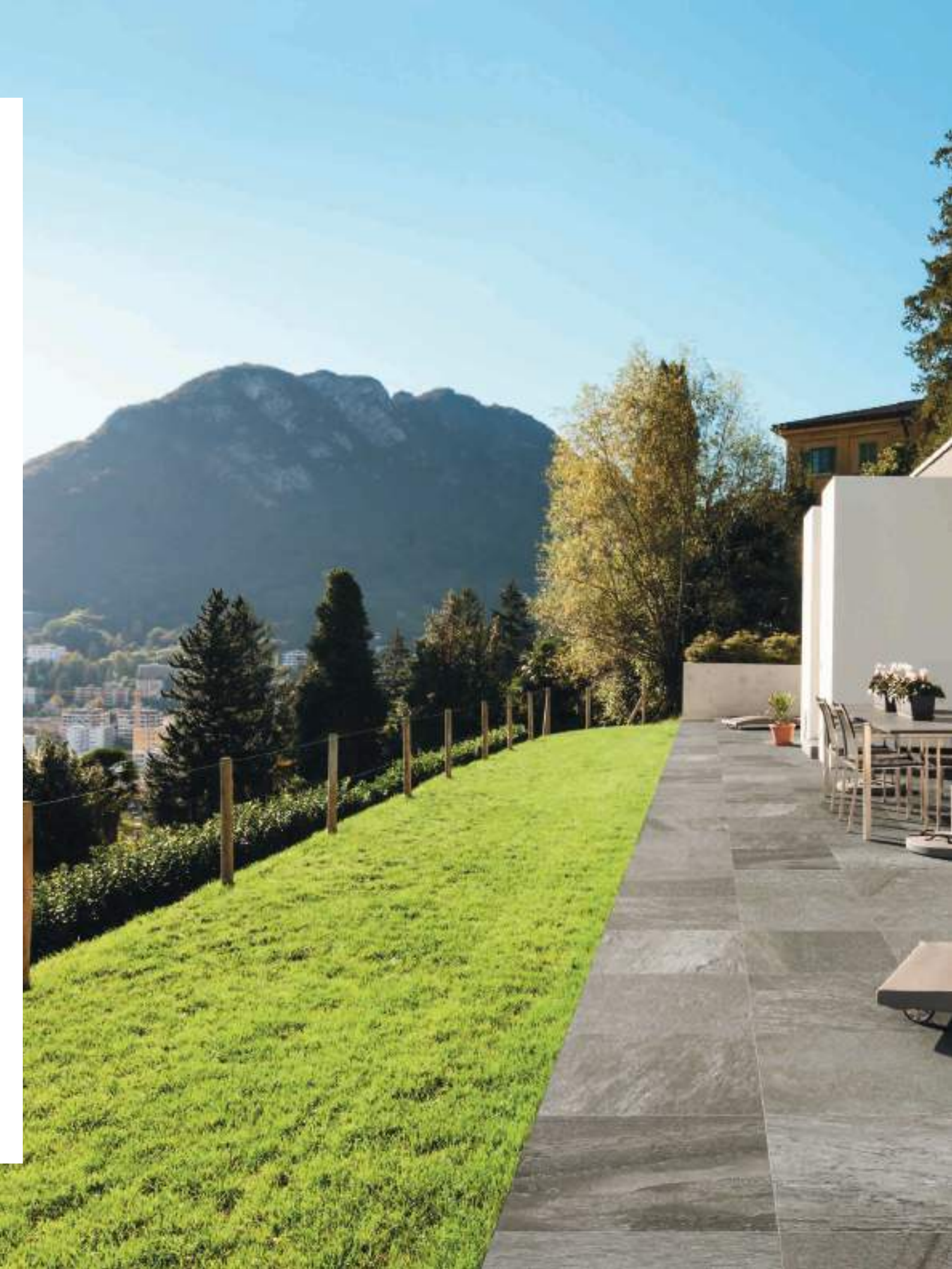






QUARTZ / **GREY**









24"x24" / GREY

# SIZES & SHADE VARIATION

78

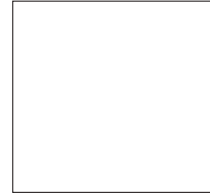
## sizes:

12"x48"  
Rectified / Matte



1101847 Extra White  
1101423 White  
1101424 Grey

24"x24"  
Rectified / Matte



1101848 Extra White  
1101426 White  
1101427 Grey

24"x48"  
Rectified / Matte



1101846 Extra White  
1101421 White  
1101422 Grey

## packaging

SIZES	METRIC (CM)	THICKNESS (MM)	PIECES PER BOX	UOM PER BOX	WEIGHT PER BOX	BOXES PER PALLET	UOM PER PALLET	WEIGHT PER PALLET*
<b>FIELD TILES</b>								
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**UNIFORM APPEARANCE**

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**SLIGHT VARIATION**

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**MODERATE VARIATION**

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**SUBSTANTIAL VARIATION**

Random color differences from tile to tile, so that one tile may have totally different colors from that on other tiles. Thus, the final installation will be unique.

Routine care instructions:

1. Wash with water to remove superficial dirt.
2. Application of Fila Cleaner® Fila (commercial product) diluted to an average of 1:200 to the surface.
3. Let the solution sit 5-7 minutes.
4. Remove the cleaner with a vigorous mechanical cleaning action using common hand cleaning equipment, or a suitable floor-cleaning appliance.
5. Dry the floor completely.

Note: For desired results, it is particularly important to combine the effect of the detergent with a vigorous mechanical cleaning action.

The products mentioned in these instructions do not officiate any official agreements with any floor cleaning product producers.

CLEANING & MAINTENANCE






Contributes to LEED credits

CERTIFICATIONS & ACCREDITATIONS



# technical specifications

	SPECS	TEST METHOD	REFERENCE VALUE	DECLARED VALUE
	Static coefficient of friction	ASTM - C 1028	> 0.60 dry and wet	> 0.60 dry and wet
	Dynamic coefficient of friction (section 9.6 ANSIA 137.1 2012)	DCOF Acutest	> 0.42 wet	> 0.42 wet
	Resistance to freeze	ASTM - C 1026	required	Resistant
	Frost resistance	ISO - 10545-12	As reported	Resistant
	Chemical resistance	ASTM - C 650	As reported	Not affected
	Resistance to domestic chemicals and additives for swimming pools	ISO - 10545-13	UB minimum	UA
	Resistance to low concentrations of acids and alkali	ISO - 10545-14	See manufacturer's declaration	ULA
	Resistance to high concentrations of acids and alkali	ISO - 10545-15	See manufacturer's declaration	UHA
	Resistance to staining	ASTM - C 1378	As reported	Not affected
		ISO - 10545-14	-	4
	Maximum straightness deviation, in %, in relation to the corresponding production dimensions	ASTM - C 485	±0.75% (±1.8 mm)	±10%
		ISO - 10545-2	±0,5% (±1,5 mm)	±10%
	Admitted deviation, in %, of the average thickness of each tile from the production dimensions	ASTM - C 499	± 1.2 mm	±0.5%
		ISO - 10545-2	±0,5% (±0,5 mm)	±0.5%
	Length 7 width: admitted deviation, in % of the average size of each tile from the production dimensions	ASTM - C 499	±0.5 % (±2.0 mm)	± 0.15 %
		ISO - 10545-2	±0,6 % (±2 mm)	± 0.15 %
	Amount of water absorbed, in percentage	ASTM - C 373	≤ 0.5%	≤ 0.5%
		ISO - 10545-3	≤ 0.5%	≤ 0.5%
	Breaking strength in N (thickness > = 7,5 mm)	ASTM - C 648	≥ 2500 LBF Average	≥ 3000 LBF Individual
		ISO - 10545-4	≥ 1300 Newton	> 13000
	Resistance to deep abrasion of unglazed tiles	ASTM - C 1243	< 175 mm 3	< 150
		ISO - 10545-6	< 175 mm 3	< 150
	Thermal shock resistance	ASTM - C 484	-	Meets the requirement
		ISO - 10545-9	-	Resistant

# LAYING SYSTEMS

## DIRECT INSTALLATION

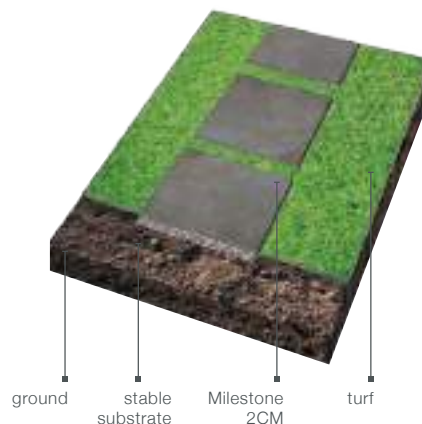
The Milestone 2CM porcelain tile can be easily positioned on grass, removed and repositioned, allowing maximum flexibility in creating different configurations. Milestone 2CM porcelain tiles can be installed either with a minimum joint, or with a 1/2" joint or larger (called Japanese joint).

### Installation steps

Remove 2" of soil in the area where you want to place the 2CM tiles;

Apply and compact evenly 1" of gravel into the area you have cleared;

Directly lay the Milestone porcelain tile on the gravel bed and tap it with a rubber hammer to eliminate any unevenness.



### PLUS

- EASY TO INSTALL AND REMOVE
- QUICK WATER DRAINAGE KEEPING THE GROUND UNCHANGED
- IDEAL TO CREATE CONTINUITY BETWEEN INDOOR AND OUTDOOR FLOORING

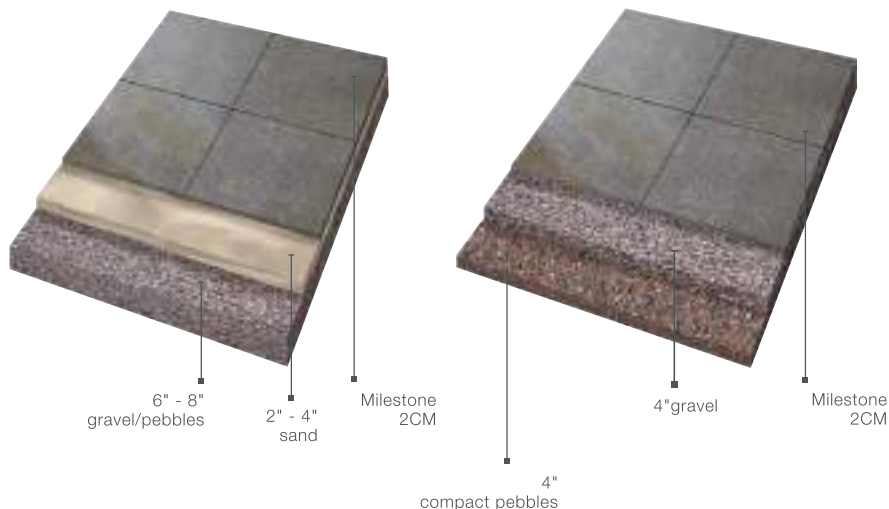
## LAYING ON GRAVEL AND SAND

### Installation steps

Level and compact the surface (sand or gravel);

Position the Milestone 2CM porcelain tile on the gravel/sand bed;

Tap the tiles with a rubber hammer to eliminate any unevenness and fill the joints between the tiles with gravel/sand to add stability to the surface.



### PLUS

- EASY TO INSTALL AND REMOVE
- QUICK WATER DRAINAGE KEEPING THE GROUND UNCHANGED
- IDEAL WHERE IT ISN'T POSSIBLE TO LAY PERMANENT FLOORING
- EXHIBITIONS AND EVENTS

## EARTH/ OUTDOOR 2CM STONEWARE



## ADHESIVE INSTALLATION

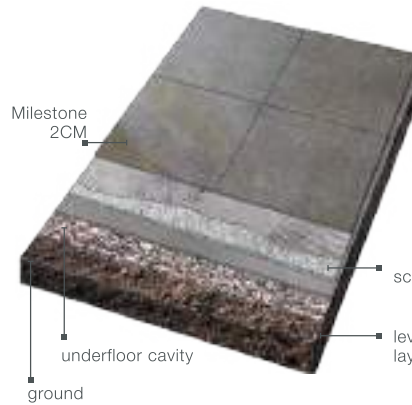
### DRAINING SCREED

It is ideal for garden and courtyard flooring because it ensures that water is drained correctly, using the special glues.

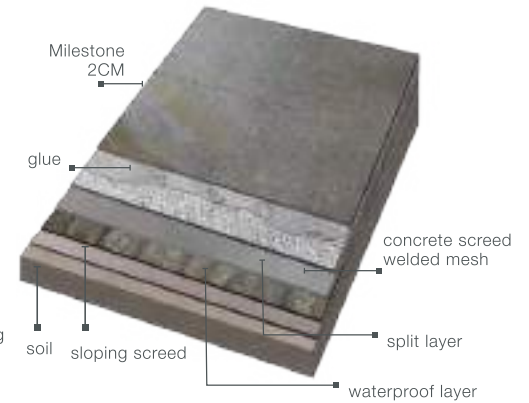
### VEHICLE TRANSIT PAVEMENT

It is ideal for parking lots and garage ramps, thanks to the extremely high resistance of ceramic surface to dynamic and concentrate loads.

DRAINING



DRIVE FLOOR



### PLUS

- HIGH RESISTANCE TO DYNAMIC AND CONCENTRATE LOADS
- IDEAL TO CREATE CONTINUITY BETWEEN PEDESTRIAN AREAS AND VEHICLE ACCESSIBLE AREAS, USING THE SAME MATERIAL.

## INSTALLATION ON RAISED SYSTEMS

Mainly, there are three raised floor systems that the customers can adopt to install the Milestone 2CM porcelain tiles: fixed support, adjustable support, and self-leveling support.

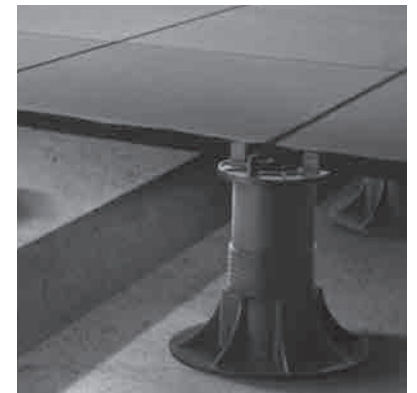
### Installation steps

Ensure that the area where the raised system will be installed is flat, compact, rigid, and make sure it can support the weight of the new floor;

Choose the raised floor system that best suits your use. Remember that the raised floor has to be installed to provide adequate drainage of rain water.

\*Rectified tiles are required for pedestal installations

Warnings: these systems cannot be used when high dynamic loads transit in the area.



### PLUS

- FROM THE AESTHETIC POINT OF VIEW, IT ENSURES FLOORING WITH A SINGLE GRADIENT, WITHOUT ANY VISIBLE WATER DRAINING ELEMENTS
- THE SMALL GAP BETWEEN ONE SLAB AND ANOTHER ALLOWS A QUICK WATER DRAINAGE, IT IS EASY TO CLEAN
- LOWER LOAD BEARING ON ATTICS AND BALCONIES AS THE LAST LAYER OF CONCRETE AND GLUE IS NOT NECESSARY
- FROST-PROOF, IT ABSORBS THE THERMAL EXPANSIONS OF THE CONCRETE SUBSTRATE, THE DIRECT CAUSE OF TRADITIONAL OUTDOOR FLOORING SUBSIDENCES
- THE GAP BETWEEN THE SLAB AND THE CONCRETE SUBSTRATE FOSTERS EXCELLENT THERMAL INSULATION
- BEST ACOUSTIC INSULATION
- HIDDEN BUT EASY TO INSPECT PIPES
- SPEED OF INSTALLATION
- RECYCLABLE
- VALUE FOR MONEY SOLUTION IN TERMS OF LAYING AND MAINTENANCE, LASTS VIRTUALLY FOREVER

# LAYING ON GRAVEL AND SAND

## GENERAL INDICATIONS

### SUBSTRATE

Level the substrate and compact it with care before proceeding with installation consisting of resting the slabs on the substrate

It is advisable to lay a separating cloth (geotextile) to stabilize the substrate in order to limit any washing away along the gaps / joints between the pavers and to minimize the growth of weeds.

### SPACERS BETWEEN PAVERS

When laying porcelain pavers by resting them directly on the substrate, they must never be laid so that they touch each other, as this would drastically increase the risk of chipping caused by micro-movements while the pavers are setting into place. 1/6" joints are recommended for pressed material.

### CUTS AND HOLES

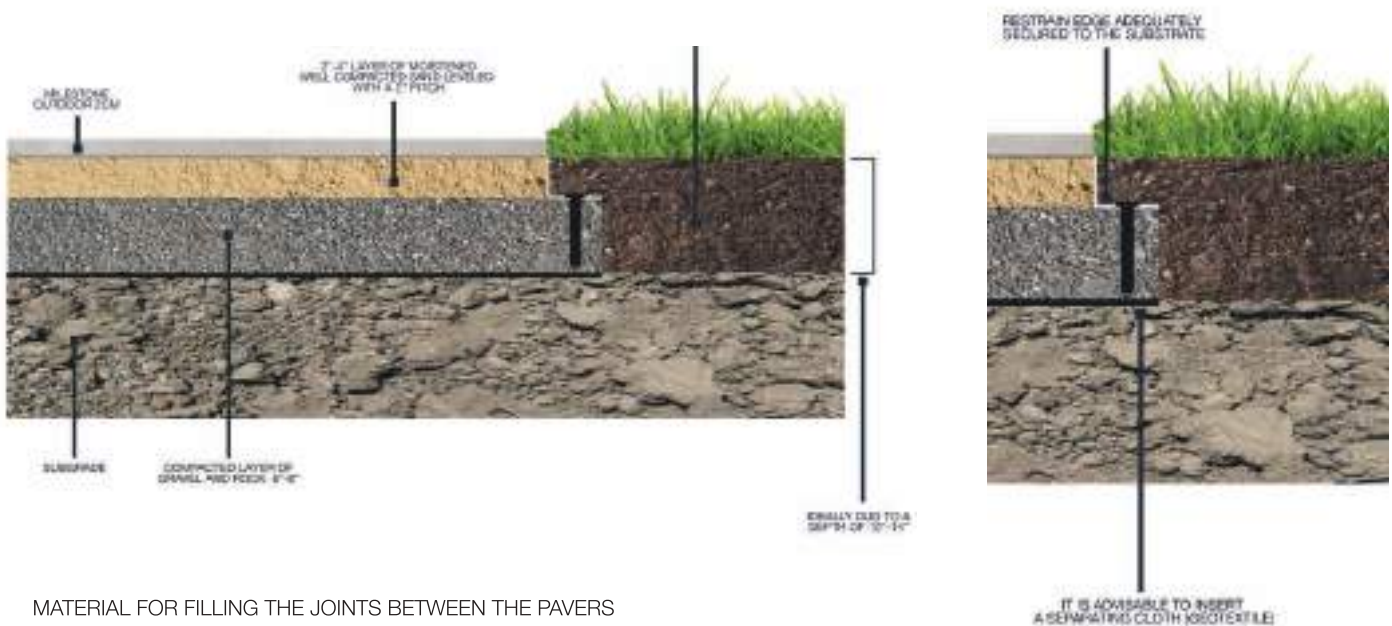
- It is possible to cut the material in both damp or dry conditions.
- It is essential to use ONLY approved cutting wheels (continuous edge) for porcelain stoneware.
- To make holes in the slabs, use diamond drill bits for porcelain stoneware.

### DO NOT USE A PLATE COMPACTOR AFTER LAYING

To avoid the risk of chipping the material, never use a plate compactor once the porcelain pavers slabs have been laid.

### EDGE RESTRAINTS

When pavers are laid on draining sand or gravel, always prepare an edge restraint system to hold the substrate material used and prevent any washing away of sand or gravel, therefore keeping the paver slabs in place.



### MATERIAL FOR FILLING THE JOINTS BETWEEN THE PAVERS

### LAYING ON SAND

Fill the gaps with sand and eliminate the excess material. In time, wind, rain and cleaning activities may remove the sand, therefore calling for some occasional re-filling

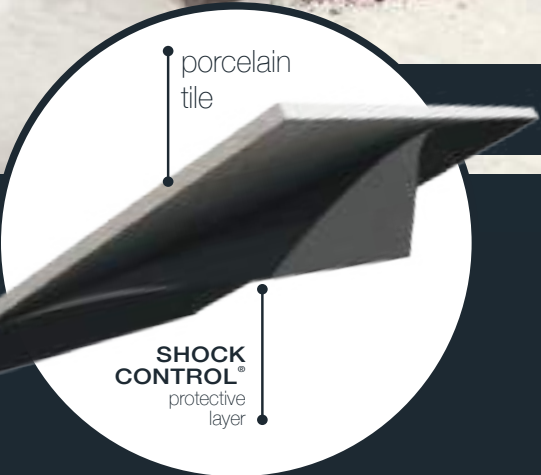
### LAYING POLYMERIC SAND OR GRAVEL

It is a composition created specifically for outdoor paving installation. It is important to use specific sand for porcelain stoneware. This sand is available in several different colors and grain sizes. Once the polymeric sand has been compacted, it will prevent the growth of weeds. Once the gaps have been filled with polymeric sand eliminate with care all the excess material. Lastly, wet the gaps between the pavers with water to activate the reaction of the polymers that will transform the sand into a compact body.





# DON'T WORRY SHOCK CONTROL® 2.0



## SHOCK CONTROL® 2.0

THE ONLY PATENTED SYSTEM ABLE TO PASS THE DYNAMIC LOADING TEST FOR "HARD OBJECT IMPACT" WITH REFERENCE TO UNI EN 12825:2003 NORM.



## INSTALLATION

Installation of protective layer **SHOCK CONTROL®** is quick and easy. It can be easily applied by a single person within seconds without any tool in 4 short passages.



**1** Choose the proper size of SHOCK CONTROL® considering the size of the tile and apply it on the tile's lower surface, avoiding folds and aligning the edges.



**2** Starting from one side, peel the protective foil, ensuring perfect adhesion of SHOCK CONTROL® to porcelain's surface.



**3** Proceed smoothly until joining adhesion on the entire surface, avoiding wrinkles or air bubbles.



**4** The tile is immediately ready to be applied on pedestals for the realization of the exterior elevated floor.

## TEST

**SHOCK CONTROL®** is the only PATENTED system for porcelain tiles' protection, that can guarantee with its application the overcoming of the dynamic loading test for "hard object impact" with reference to UNI EN 12825:2003 norm.

**SHOCK CONTROL®** is the only protective reinforcing system created to be coupled with porcelain, allowing 2 cm thick porcelain tiles for outdoor raised floors to pass the dynamic loading test for hard object impact in all the three tests:

TEST PASSED	NO PORCELAIN FRAGMENT DETACHED FROM THE PANEL
Pic. 1,2	• DROP TEST IN THE MIDDLE OF THE PANEL
Pic. 3	• DROP TEST ON ONE SIDE OF THE PANEL
Pic. 4	• DROP TEST AT 7 cm ON DIAGONAL



**1**



**2**



**3**



**4**

## PRICE LIST

**SHOCK CONTROL®**  
(\$ / FT<sup>2</sup>)

2.92

# SHOCK CONTROL® 2.0

## Application

- 1) Position SHOCK CONTROL 2.0 on the application surface;
- 2) Remove the release film from the lower face, this is divided longitudinally in two sections, in one or two steps, making sure to also remove the side selvedge of the upper surface;
- 3) To use suitable roller by applying pressure over all of the SHOCK CONTROL 2.0 surface, particularly the side & head laps to further promote adhesion.

## Recommendations

- The SHOCK CONTROL 2.0 is to applied on dry clean surfaces.
- Do not apply the SHOCK CONTROL 2.0 below the 0° C.
- During the cold season for the most simple and safe application it is to use hot air generated by a burner
- The SHOCK CONTROL 2.0 has to be stocked preferably indoor in a dry and ventilated areas with temperatures higher than 15° C.
- For a perfect stuck of SHOCK CONTROL 2.0 on the back of the tile it doesn't must be left any air bubble areas in order to avoid not adherent spaces and moisture buildup.
- Do not stack SHOCK CONTROL 2.0 pallets at the warehouse to prevent adhesions between the sheets.

For further information and news we recommend to consult technical literature; our technical service is always available to study particular problems, offering the necessary assistance for optimal use.

## Technical Data

Technical Characteristics	Measure Units	Reference Norm	P			PA			Tolerance
Type of reinforcement			Single strand polyester						
Upper face finish			PE film			Mineral			
Lower face finish			Silicon release film						
Length	m	EN1848-1	15 ± 1%			10 ± 1%			
Width	m	EN1848-1	1 ± 1%						
Thickness	mm	EN1849-1	2	3	4				± 5%
Mass for unit area	kg/m <sup>2</sup>	EN1849-1				3,5	40	4,5	± 10%
Cold flexibility	°C	EN 1109	- 15			- 20			
Flow resistance	°C	EN 1110	100						
Tensile strength L / T	N / 5 cm	EN 12311-11	120/120	140/140	120/120	140/140			- 20%
Elongation at break L / T	%	EN 12311-11	35/35						-15
Tearing resistance	N								- 30%
Dimensional stability	%	EN 1107-1	-0,3						
Fire resistance		EN 13501-5	F ROOF						
Fire resistance		EN 13501-5	F						
Watertightness	kPa	EN 1928	60						
Pelage resistance on (steel) support	UEAtc 4.3.3 ASTM D 1000	N/50 mm	50						-20N
Pelage resistance on (steel) support after aged	UEAtc 4.3.3 ASTM D 1000	N/50 mm	30						-20N

## PROGRESS THAT TOUCHES AND INVESTS IN THE ENTIRE SOCIETY

As a active member of the U.S Green Building Council, Milestone spreads awareness to the entire American communities and encourages towards the use of building solutions inspired by environmentally friendly practices. Using Milestone products for project implementation, will positively contribute in obtaining scores and points required for earning the LEED certification (Leadership in Energy and Environmental Design).

## A COMMITMENT TO THE DEVELOPMENT OF PRODUCTS FOR A CONSCIOUS BUILDING TRADE

Milestone offers products containing recycled material. The adoption of eco-compatible production systems is merit of Italian designs produced in the U.S.

## TECHNICAL DEVELOPMENT THAT CONSIDERS THE NATURAL ENVIRONMENT

Milestone commits to the eco-compatible project and translates the same into an avant-guard production process, minimizing the negative impact on the environment.

## WHY PORCELAIN?

There are many reasons to choose impervious porcelain tile over other floor coverings. It offers the largest array of design options and holds its value the longest. In a comparison between the many different flooring options, porcelain tile offers one of the most durable and least expensive options over the lifespan of the building.

### Benefits of Porcelain Tile

- Impervious to water
- Easy to maintain
- Variety of design options
- Environmentally friendly
- Resistant to germs and bacteria
- Fade resistant
- Fire resistant
- Durable - best long-term value vs. other floor coverings

## SUGGESTED INSTALLATIONS

PEI Class

**IV**

**Moderate to heavy foot traffic**

Recommended for all residential applications as well as medium commercial and light institutional applications.





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