# OUT TILES

COLLECTION - 2023-'24

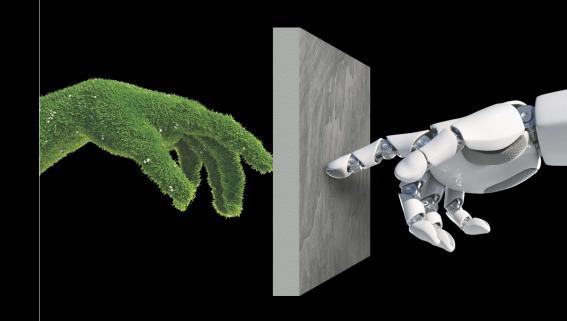


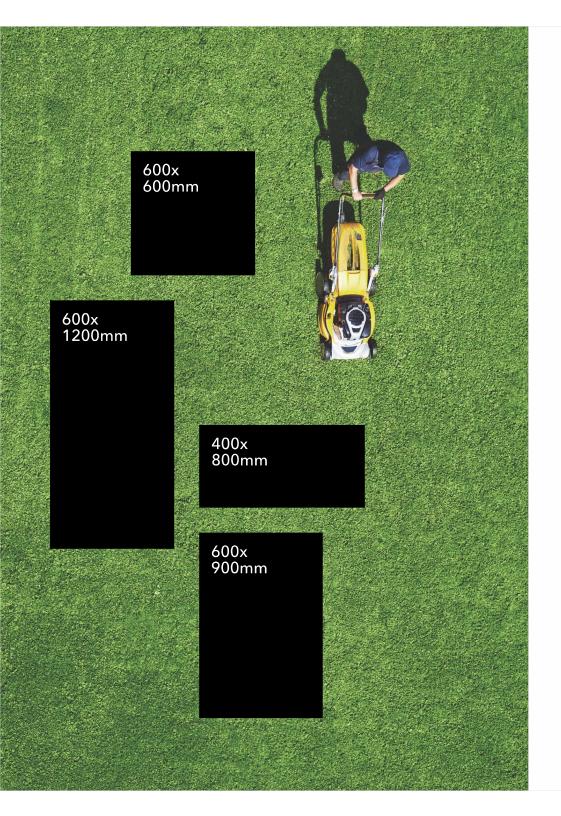






# A CONFLUENCE OF NATURE & TECHNOLOGY







# DISCOVER THE COLLECTION OF RESILIENT SURFACES CRAFTED WITH THE CONVERGENCE OF NATURE AND TECHNOLOGY FOR DEMANDING OUTDOORS AND AREAS THAT ARE AN EXTENSION OF YOUR HOMES AND SPACES.

The outdoors of your homes and spaces are the first impression that you make on your guests and they are also the places that endure the most.

Keeping in mind the aesthetics, functionality, and resilience your outdoor spaces require, Our is here with an exclusive collection of outdoor tiles which is packed with superior aesthetics, endurance, and functionality that will not let you compromise on the outdoor tiling of

your spaces and transform those areas in practical and presentable spaces. The exclusive collection offers outdoor colorbody tiles in robust 20mm thickness and four versatile sizes 600x1200mm, 600x900mm, 600x600mm, and 400x800mm that cater to every tiling need. Packed with a plethora of features the collection blends strength, style, and resilience in your spaces.

# TILE LAYING POSSIBILITIES





LAYING ON SCREED WITH ADHESIVES



Laying on screed with adhesives Lay the 20mm outdoor tiles on a bed of screed with adhesives for heavy traffic areas like parking, courtyards, and others like swimming pool borders, outdoor flooring, sit-out areas, and more.



LAYING ON A RAISED FLOOR



Tile uneven areas, terrains, and more and transform them enduring by laying 20mm outdoor tiles on raised floor pedestals, frames, and more. Create room for a heating system, insulation, additional raised area, and more with the extensive laying possibilities of this collection.



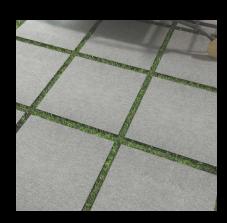
LAYING ON GRAVEL



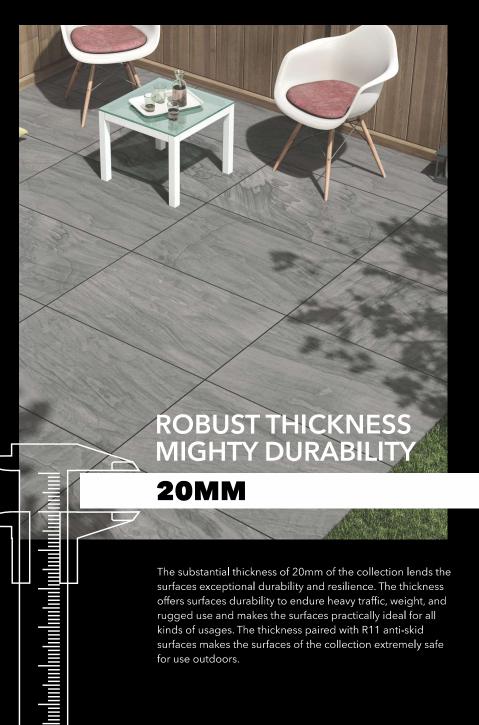
The robust and resilient collection is ideal for laying directly on gravel in your outdoors with or without adhesive. Create a stepping stone path, patio, and more by just laying the thick tiles on the gravel in your outdoors.



DRY LAYING ON THE GRASS

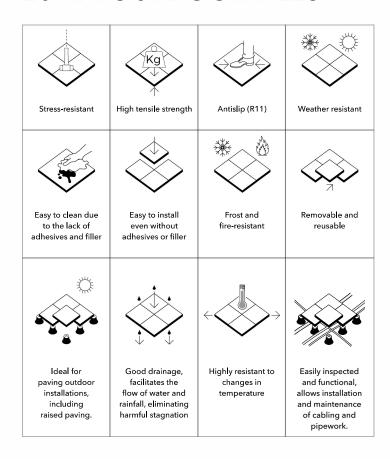


Shape elegant pathways, outdoor leisure areas, and more by dry laying the 20mm outdoor tiles on the grass in your gardens and other areas surrounding the building. The laying possibility opens door to fuss-free outdoor tiling.



The substantial thickness of 20mm of the collection lends the surfaces exceptional durability and resilience. The thickness offers surfaces durability to endure heavy traffic, weight, and rugged use and makes the surfaces practically ideal for all kinds of usages. The thickness paired with R11 anti-skid surfaces makes the surfaces of the collection extremely safe for use outdoors.

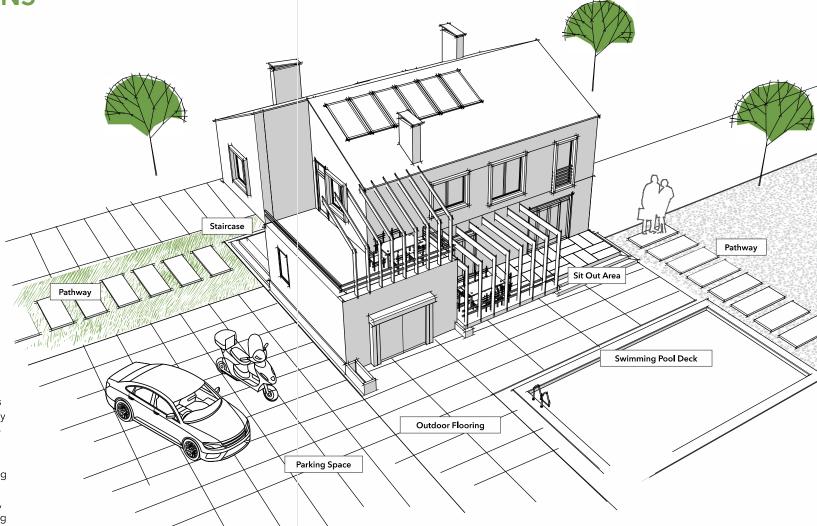
#### **BENIFITS OF 20MM OUTDOOR TILES**



The robustly crafted collection comes with a plethora of features and benefits and aids in an effortless and risk-free lifestyle with attributes like r11 anti-slip surfaces, resistance to heat, frost, fire, weather, stains, and more, and also very easy to maintain. On top of features, the surfaces are easy to install, removable, and reusable.



# APPLICATIONS AND SOLUTIONS

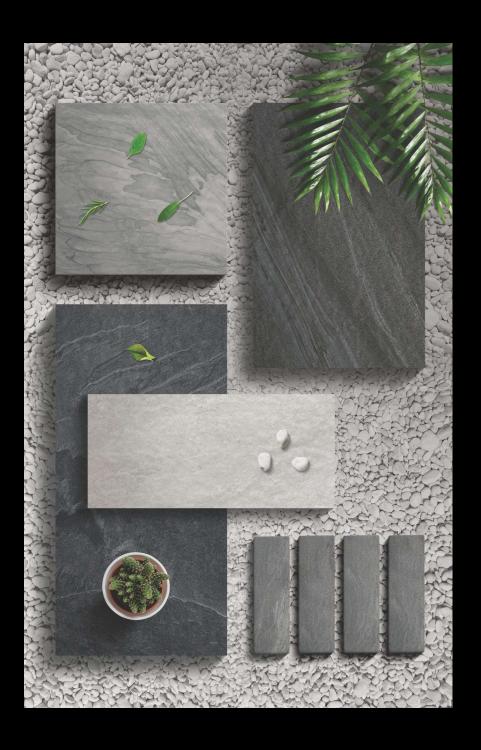


#### DESIGN YOUR OUTDOOR SPACES

The extensive application possibilities of the collection allow you to elegantly and practically tile your outdoors. The versatile and extremely durable collection due to its functional characteristics is ideal for tiling parking spaces, outdoor floors, staircases, pathways, benches, outdoor furniture, pavements, patios, gardens, swimming pool decks, and more.

Enjoy your outdoor worry-free with the superior blend of strength and aesthetics of the 20mm outdoor collection of Our crafted to help you appreciate your outdoors.





# APPLICATION AREAS

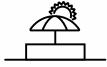




Public Parks & Gardens



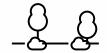
Terraces & Balconies



Beach Resorts



Parking Lots



Driveways & Pathways



Swimming Pool Decks



Street Furniture



High-Traffic Industrial Areas

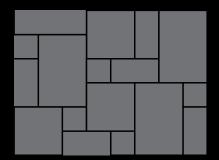
# LAYING PATTERNS

### **OUCEZO**GRANITO

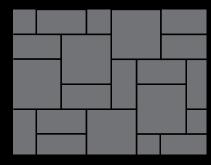
#### ACHIEVE VISUALLY APPEALING OUTDOORS WITH MULTIPLE LAYING PATTERN POSSIBILITIES.

Explore extensive tile-laying pattern possibilities with the multiple sizes of the 20mm outdoor tile collection. The four different sizes of the collection allow you to mix and match tile sizes for a unique lay in your spaces. Mix two or

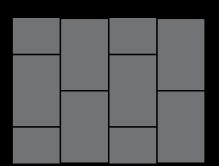
more sizes and spruce up your tiling game outdoors with the elegant tilelaying combination possiblilty with the versatile tile sizes and robust thicknes of the collection ideal for reusing and relocating tiles.



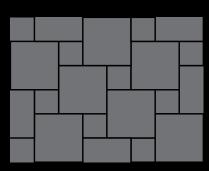
Tiles Combination 600x900mm, 600x600mm, 300x600mm, 300x300mm



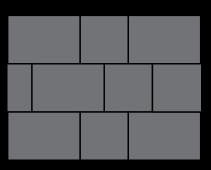
Tiles Combination 600x600mm, 300x600mm



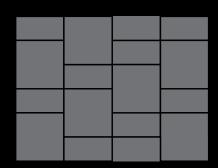
Tiles Combination 600x900mm



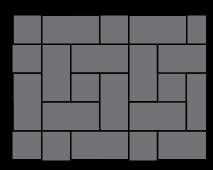
Tiles Combination 600x600mm, 300x300mm



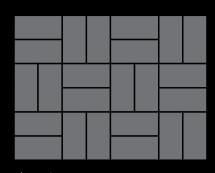
Tiles Combination 600x900mm, 600x600mm



Tiles Combination 600x600mm, 300x600mm

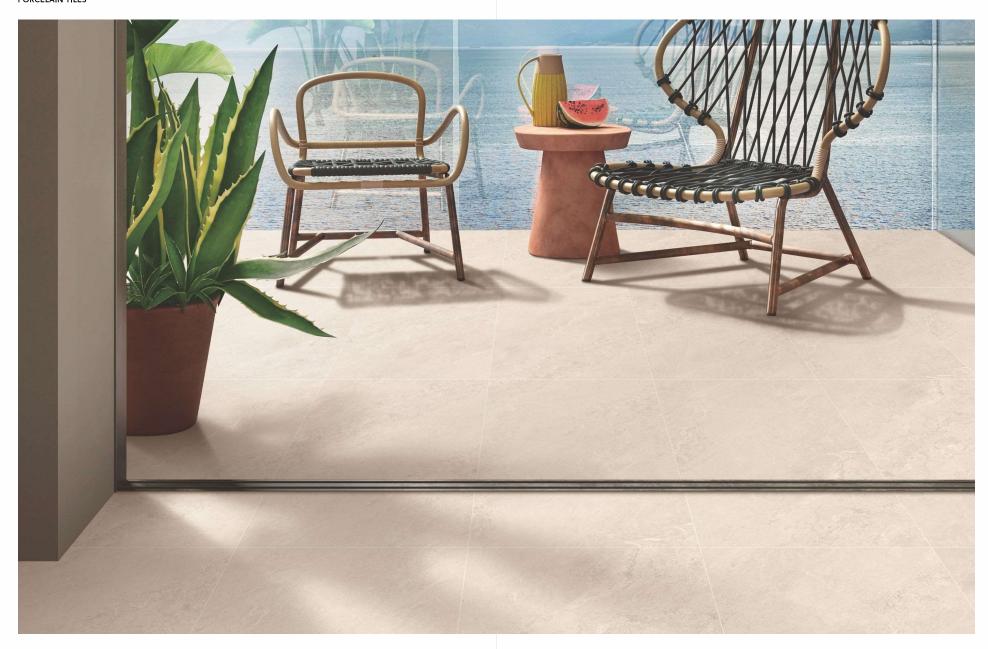


Tiles Combination 600x1200mm, 600x600mm



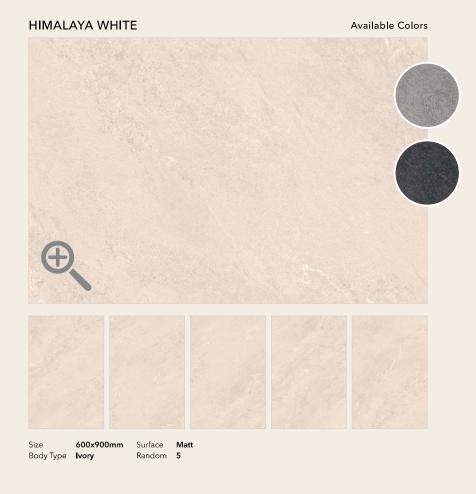
Tiles Combination 300x600mm

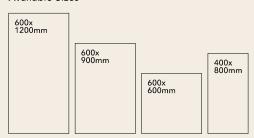






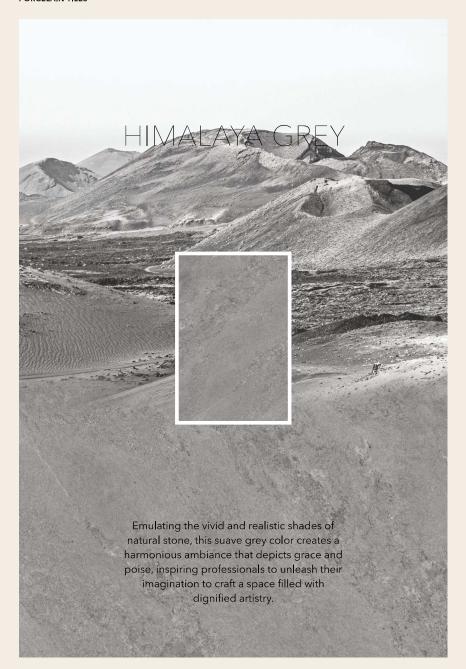


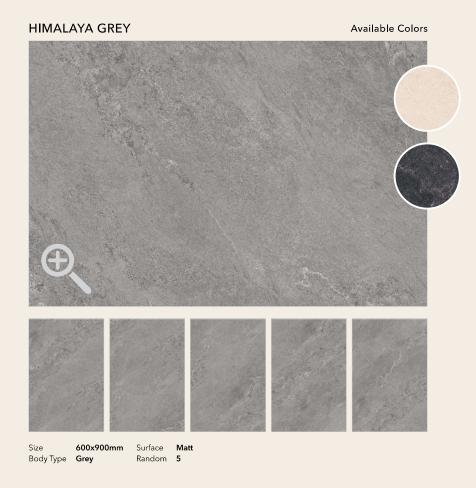


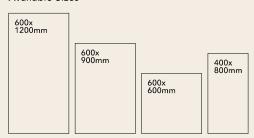






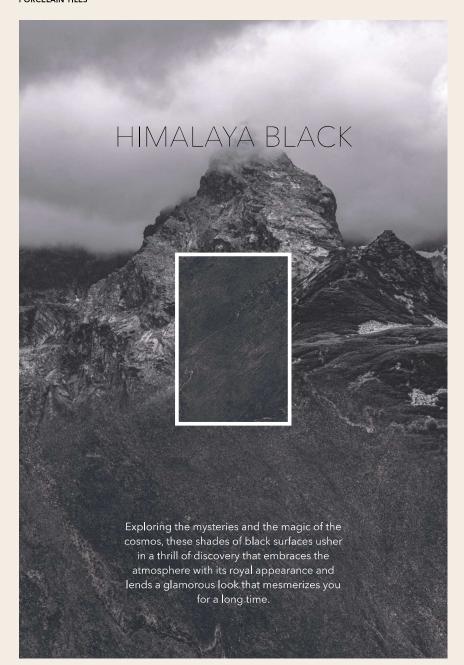




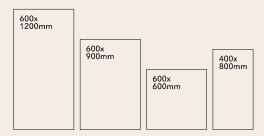












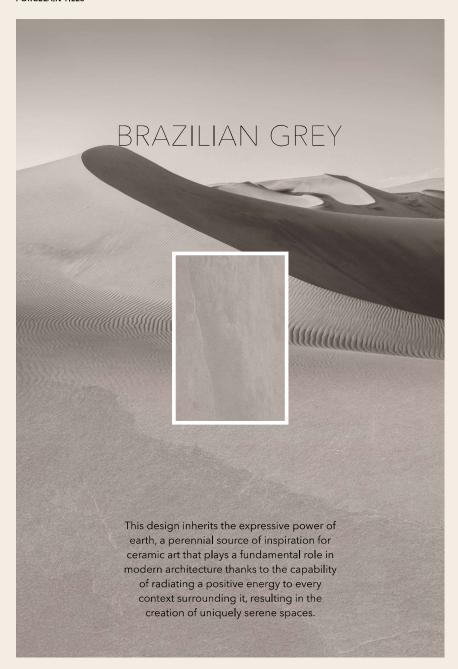




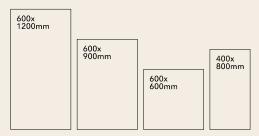


Floor - Brazilian Black - 600x900mm



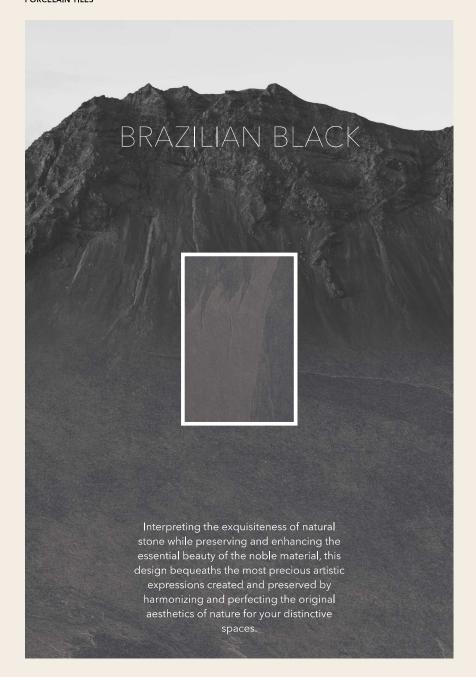






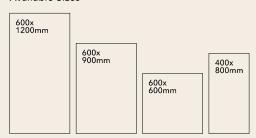








Body Type Black



Random 23



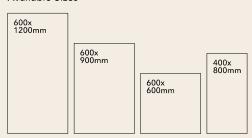








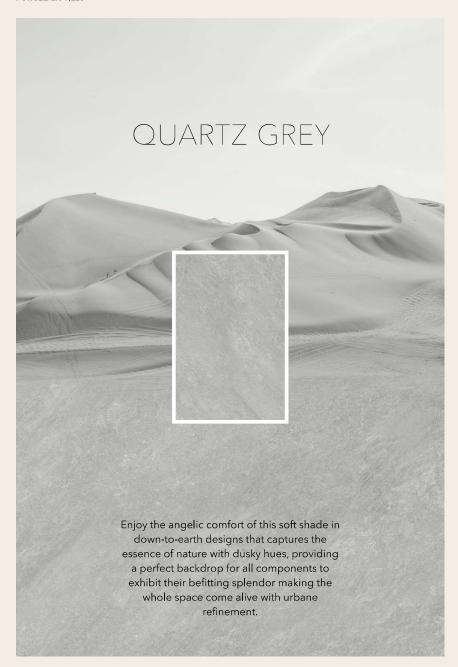




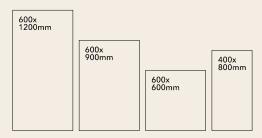






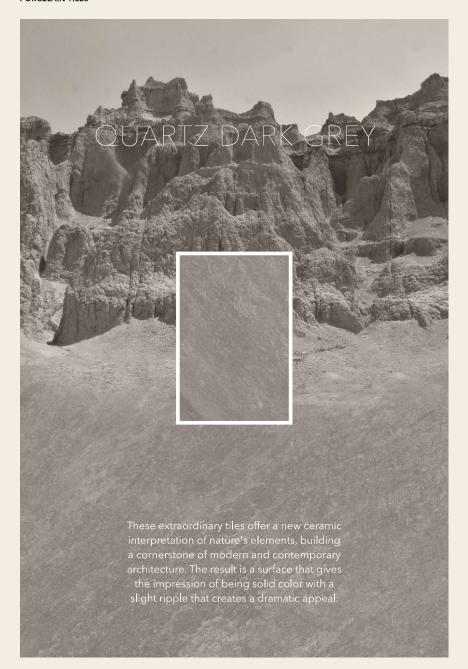


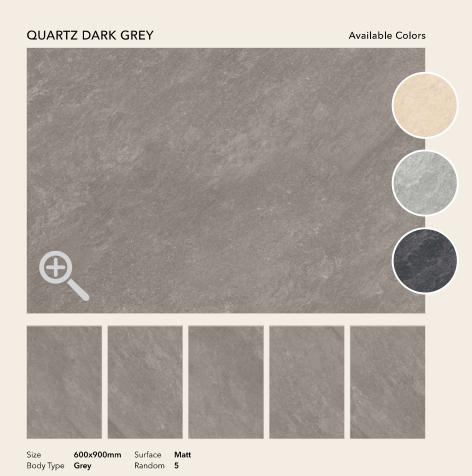


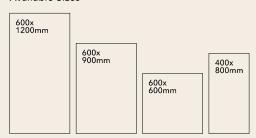






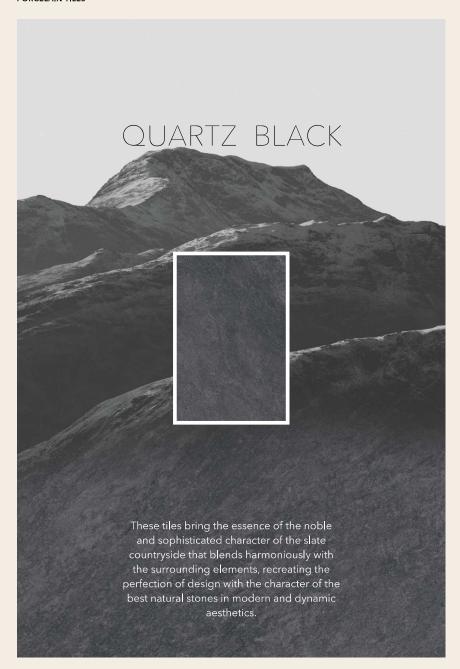




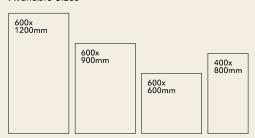










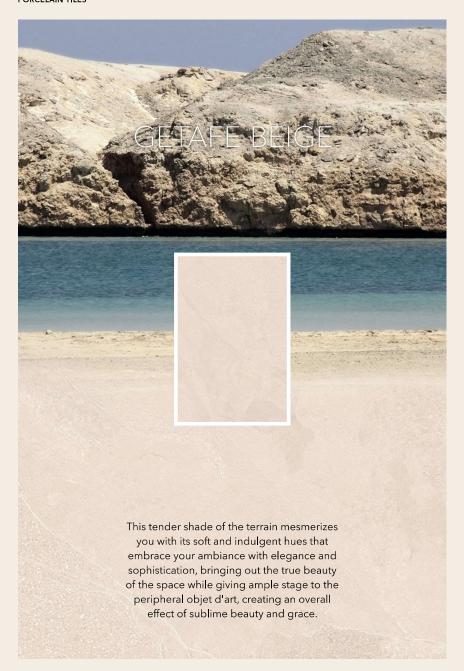


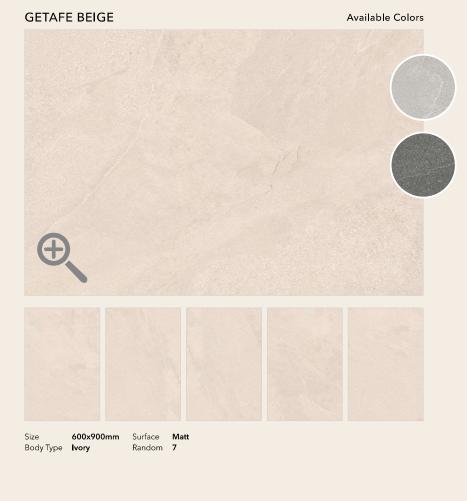


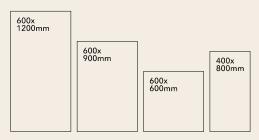






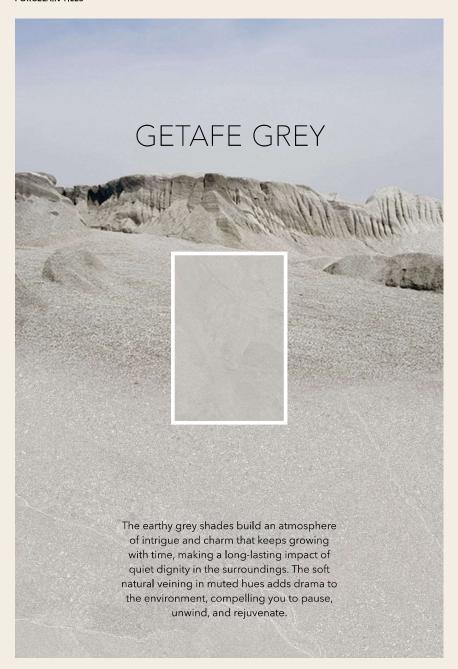




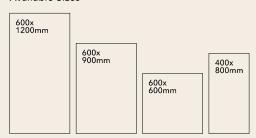






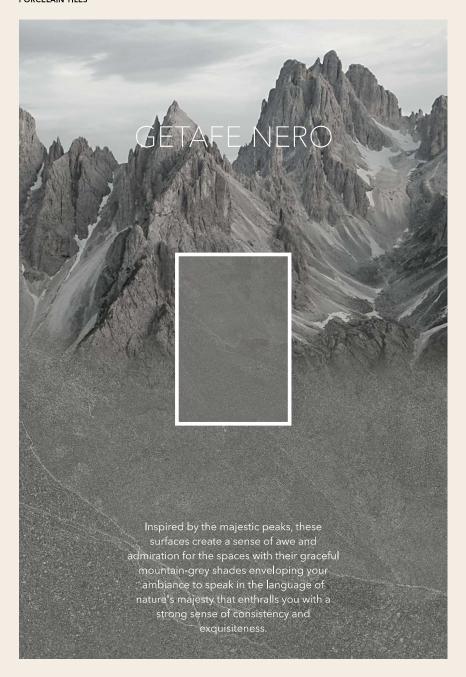




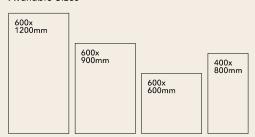






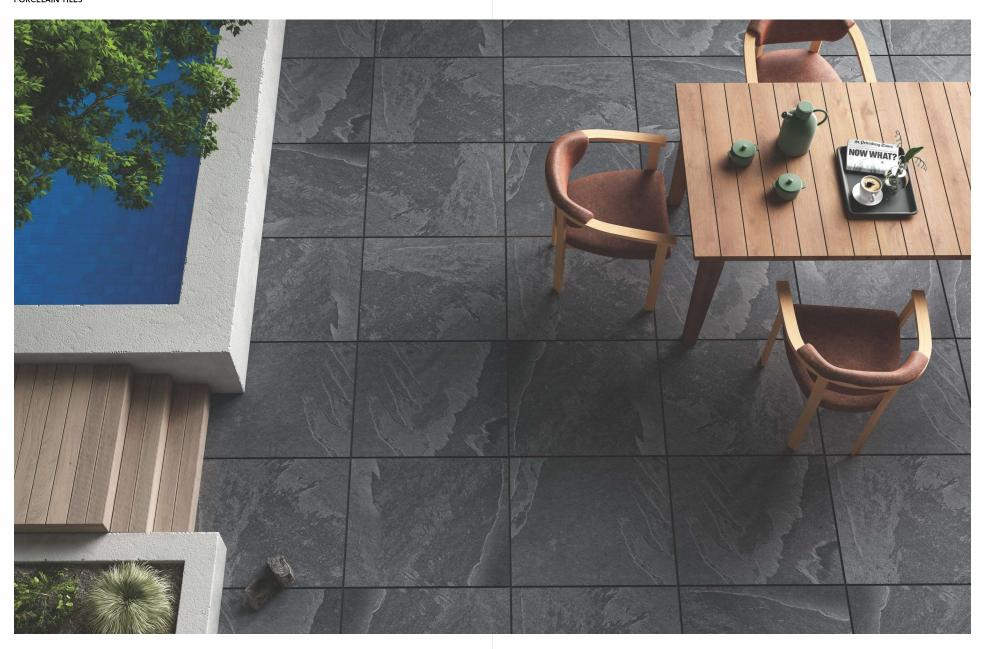


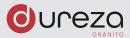


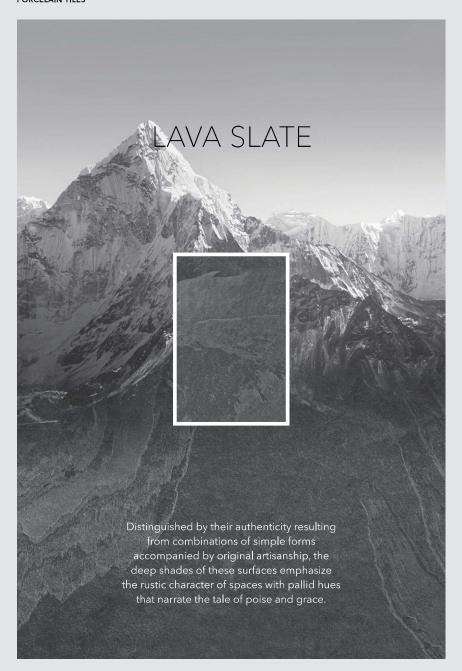










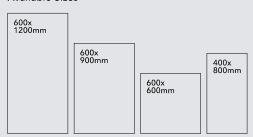


#### LAVA SLATE





Size 600x900mm Surface Matt Body Type Black Random 4

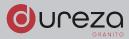


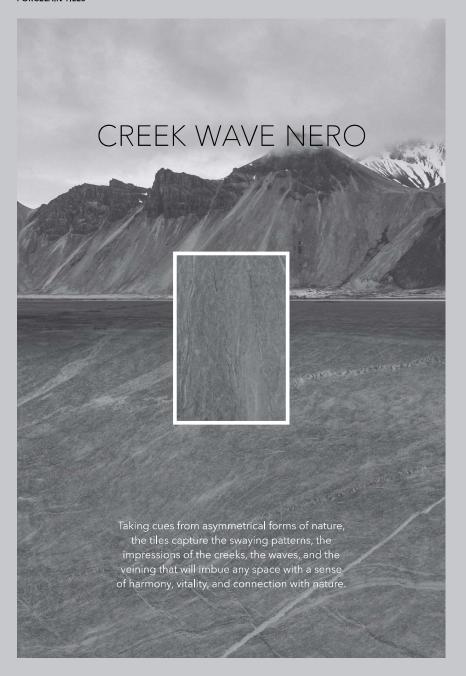






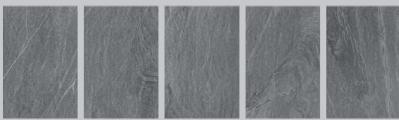
Floor - Creek Wave Nero - 600x900mm



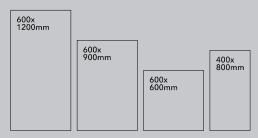


#### **CREEK WAVE NERO**





Size 600x900mm Surface Matt Body Type Black Random 7



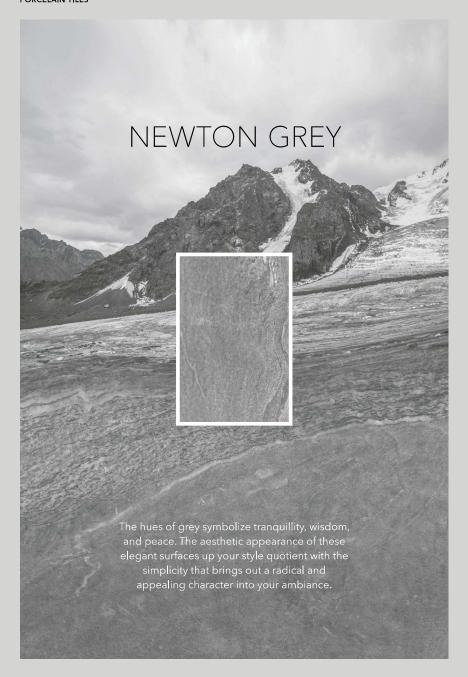






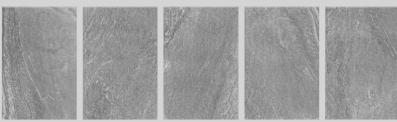
Floor - Newton Grey - 600x900mm



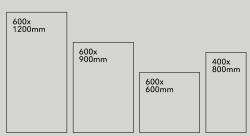


#### **NEWTON GREY**



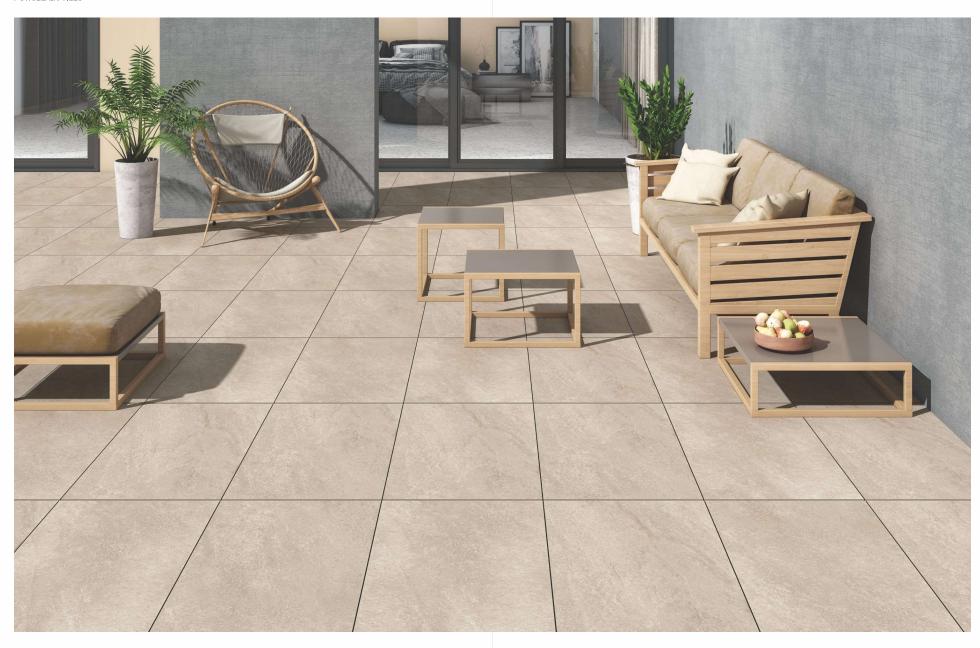


Size 600x900mm Surface Matt Body Type Grey Random 7



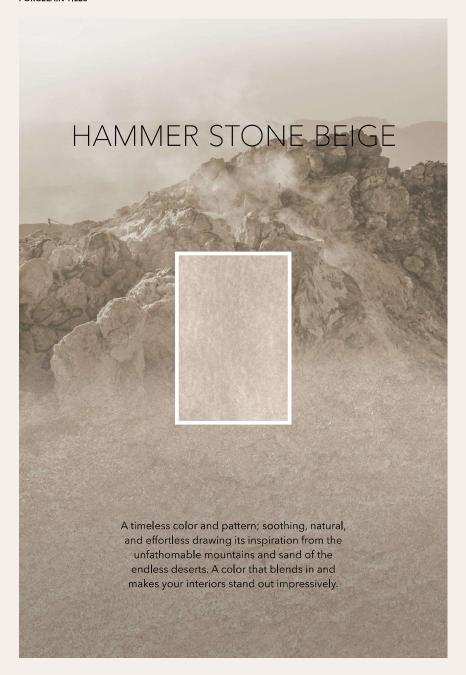




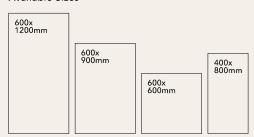


Floor - Hammer Stone Beige - 600x900mm



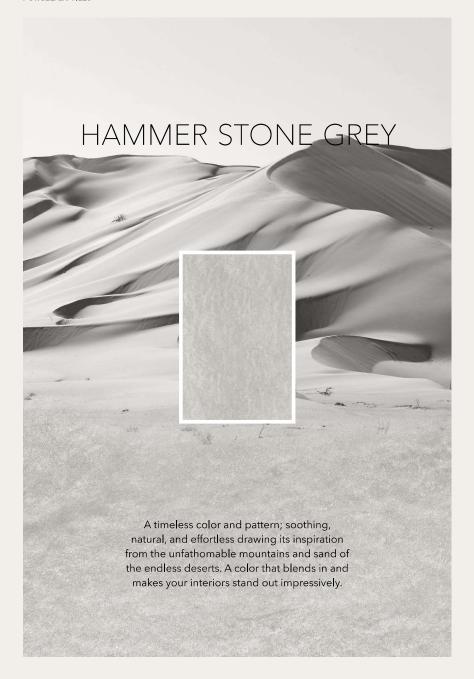




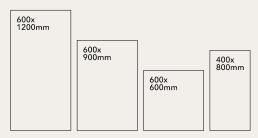






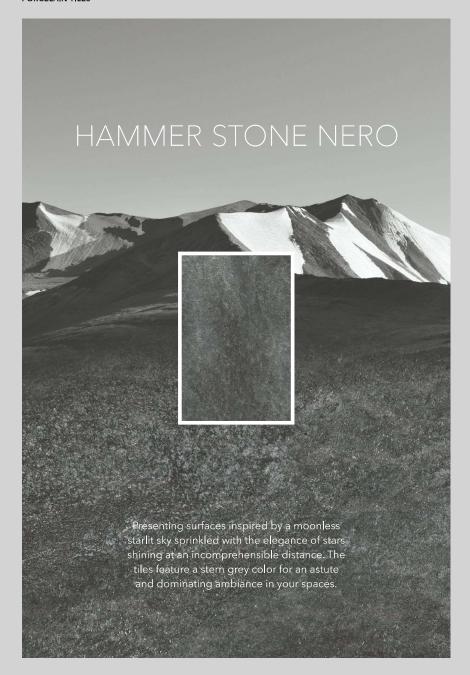




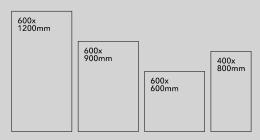














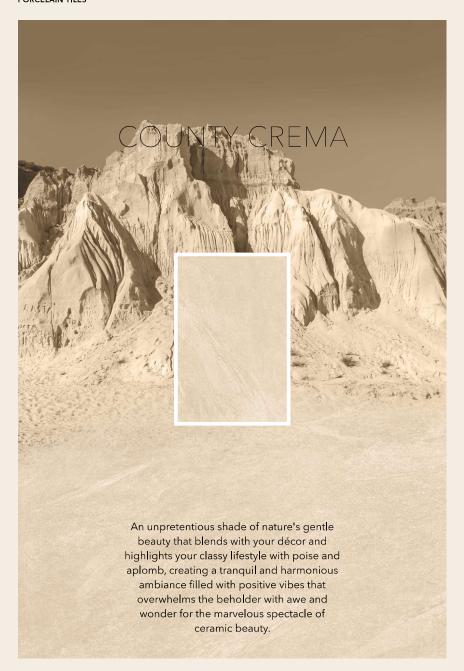


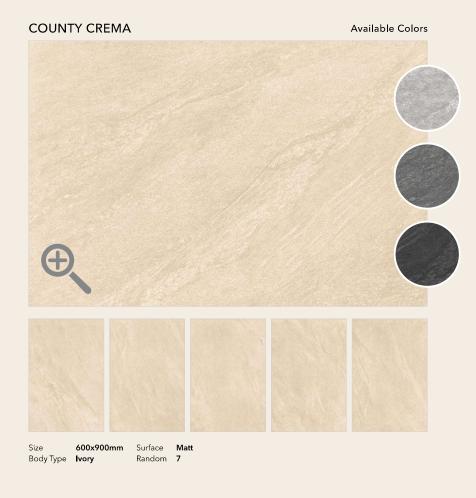


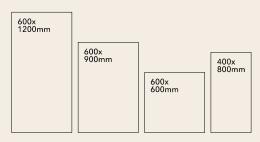


Floor - County Lgy - 600x900mm



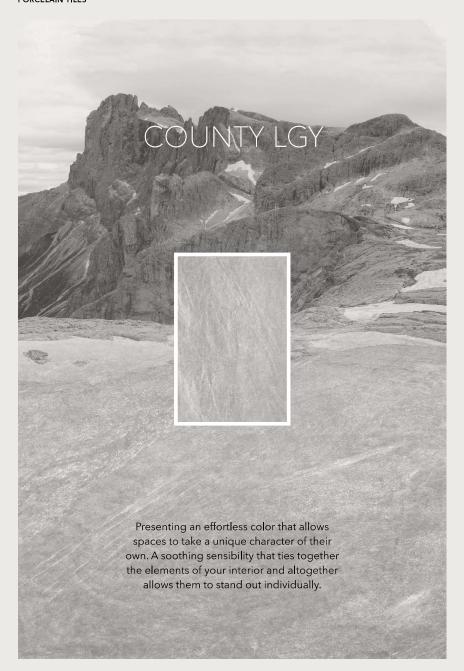












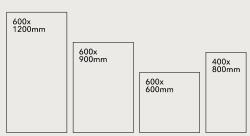


**Available Colors** 





Size 600x900mm Surface Matt Body Type Grey Random 9



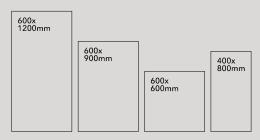


## 20MM OUTDOOR PORCELAIN TILES



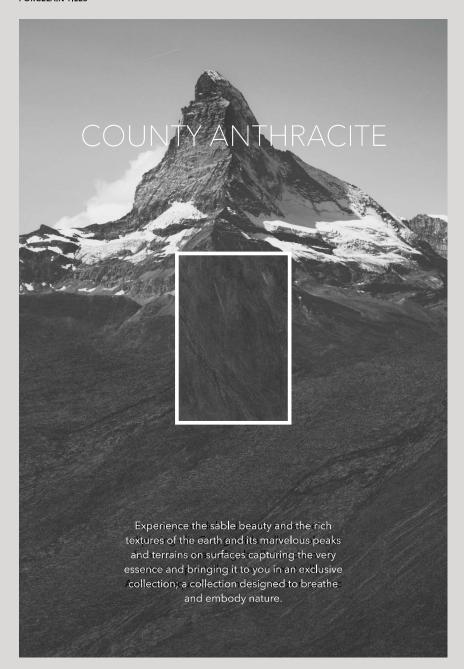




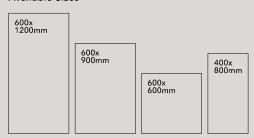














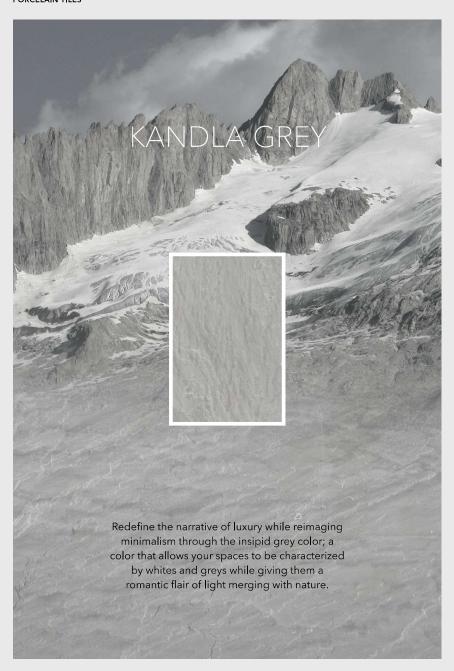






Floor - Kandla Grey - 600x600mm



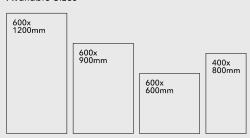


# KANDLA GREY





Size	600x900mm	Surface	Ma
Body Type	Grey	Random	20





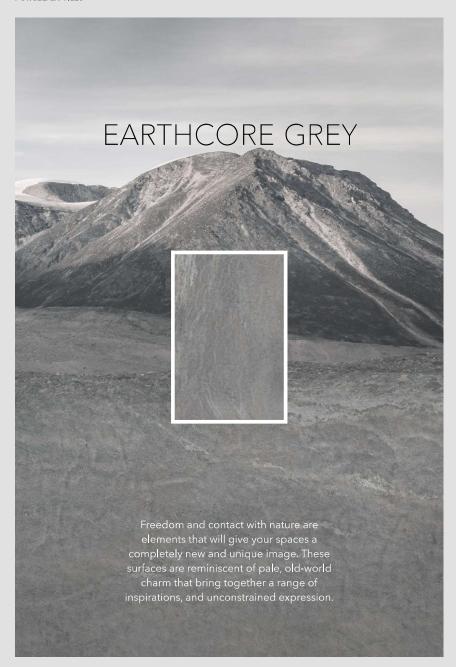




Floor - Earthcore Grey - 600x900mm





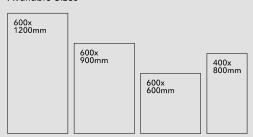


# **EARTHCORE GREY**





Size 600x900mm Surface Matt Body Type Grey Random 5





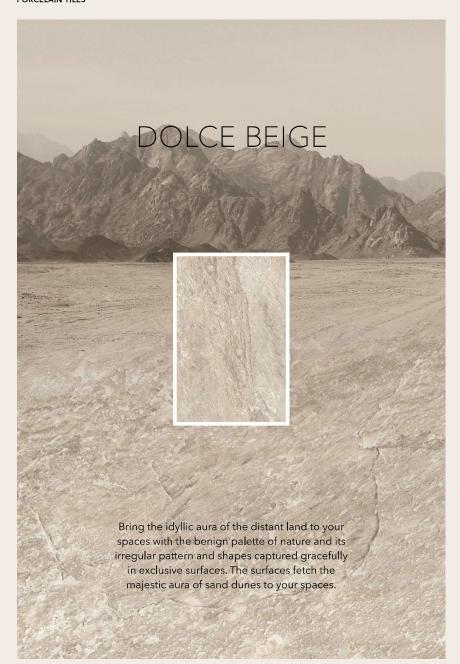


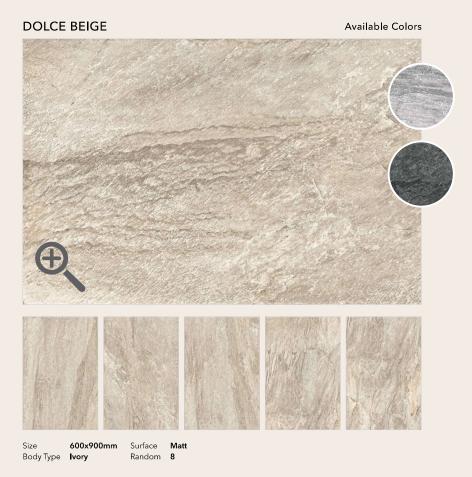


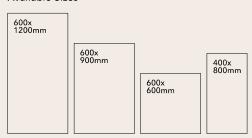


Floor - Dolce Beige - 600x600mm



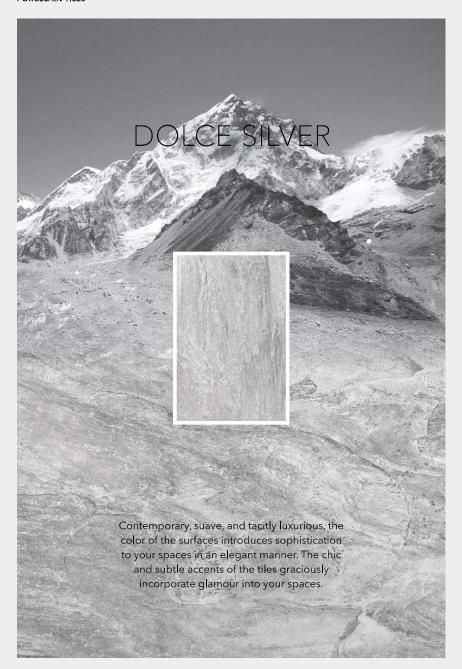


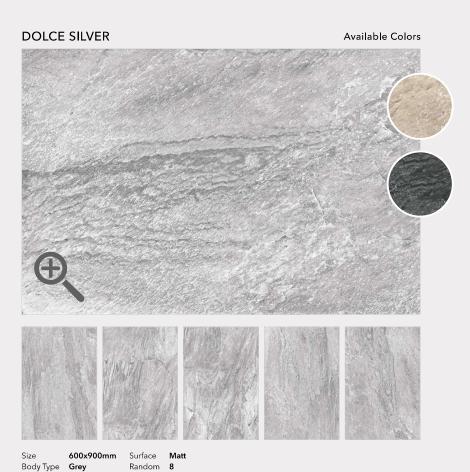


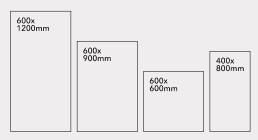






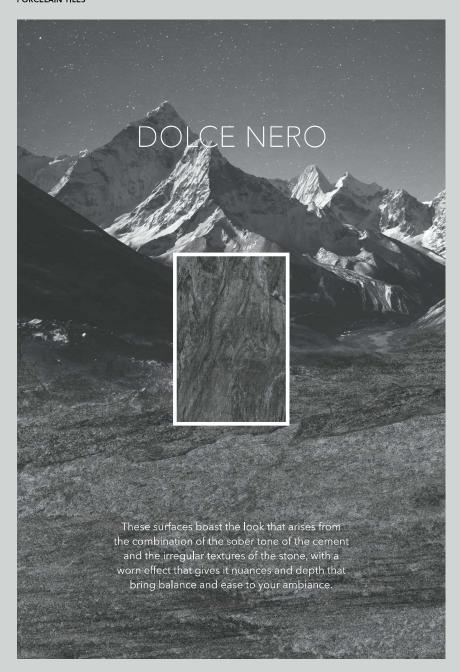




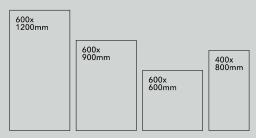












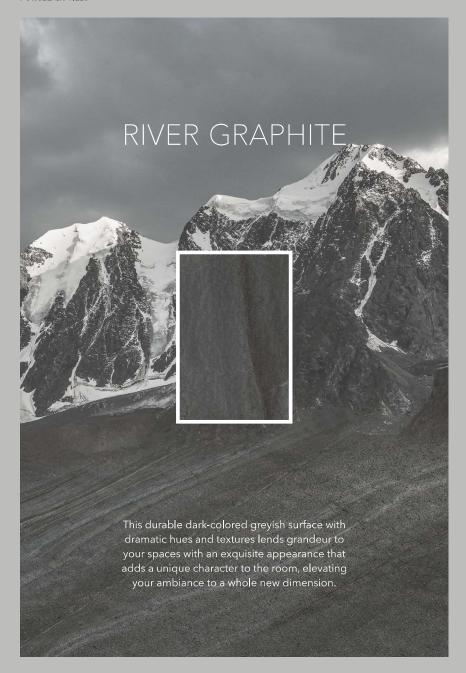






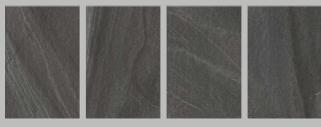
Floor - River Graphite - 600x900mm



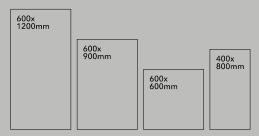


# RIVER GRAPHITE





Size 600x900mm Surface Matt Body Type Black Random 4





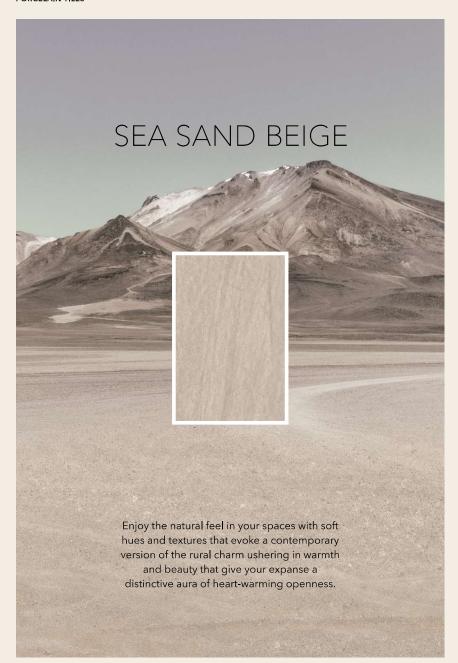




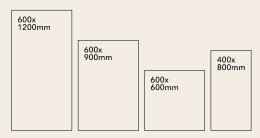


Floor - Sea Sand Gray - 600x900mm,600x600mm, 400x800mm



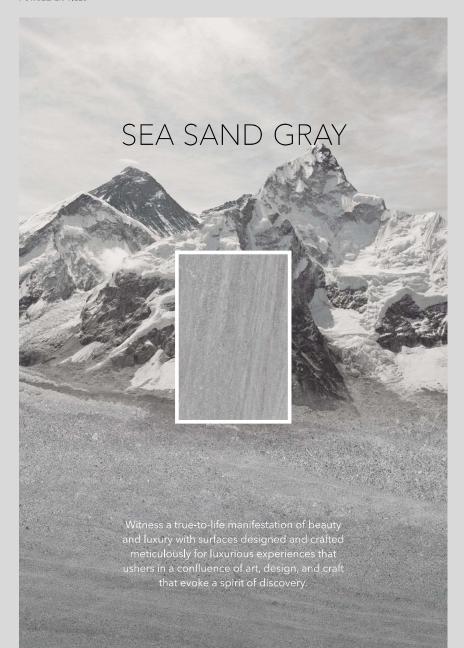




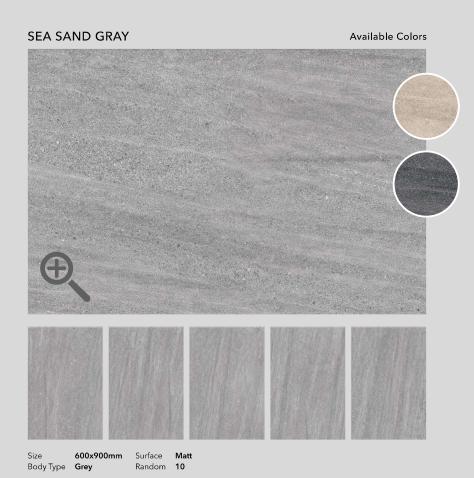


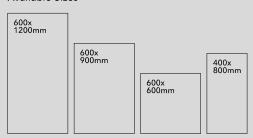


## 20MM OUTDOOR PORCELAIN TILES



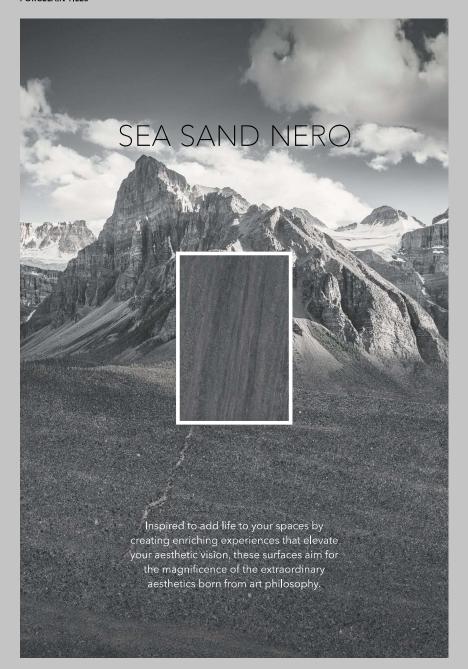




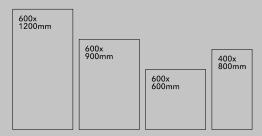








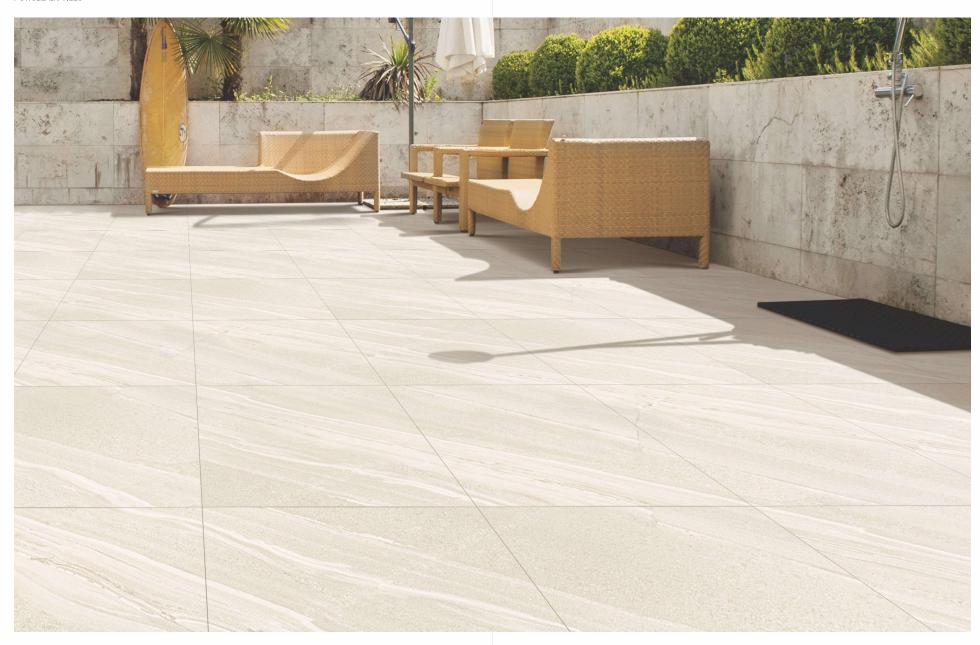






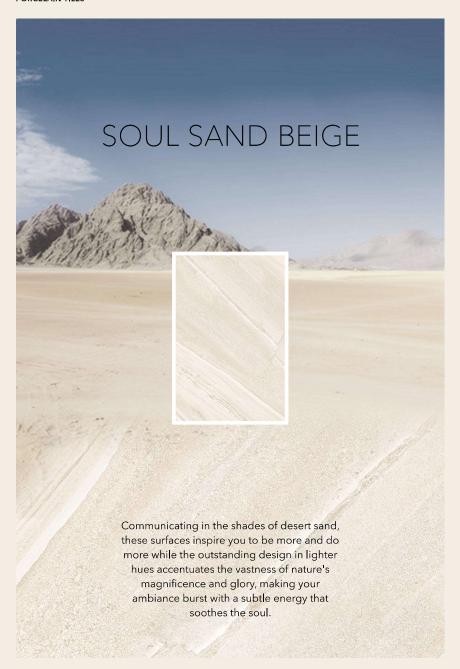




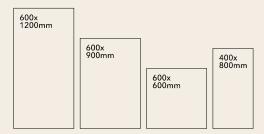


Floor - Soul Sand Beige - 600x900mm

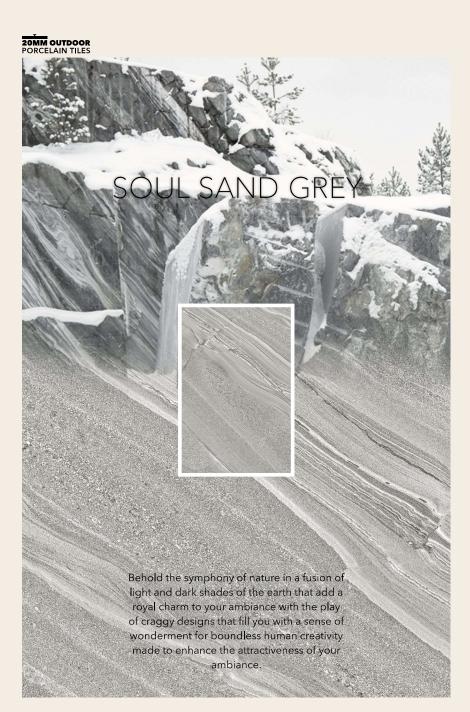














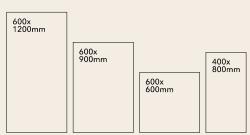
# **SOUL SAND GREY**

Available Colors





Size 600x900mm Surface Matt Body Type Grey Random 5



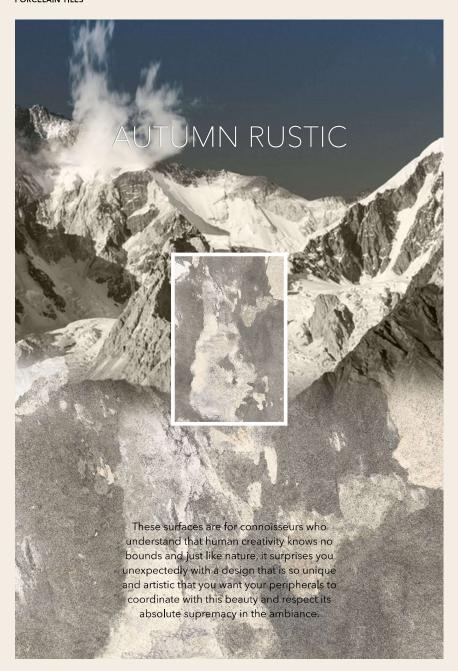






Floor - Autumn Rustic - 600x900mm





# **AUTUMN RUSTIC**







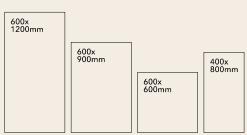






Size 600x900mm Body Type **Ivory** 

Surface **Matt** Random **5** 



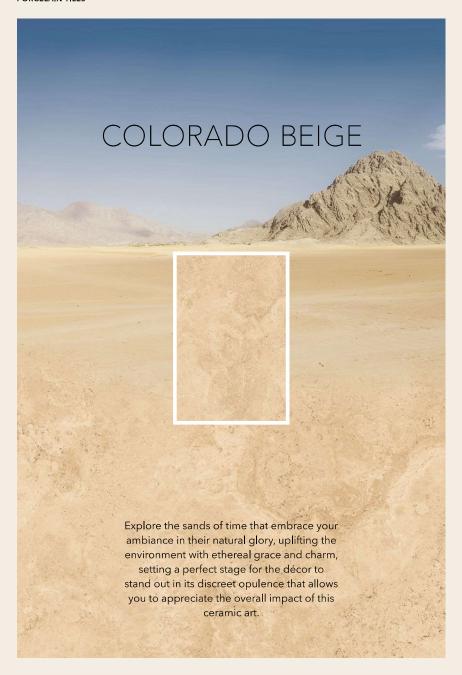










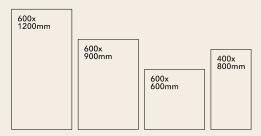


# **COLORADO BEIGE**





Size 600x900mm Surface Matt Body Type Ivory Random 4













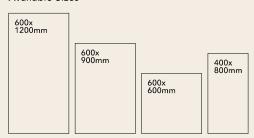


# **LUCIDO GREY**





Size 600x900mm Surface Ma Body Type Grey Random 9





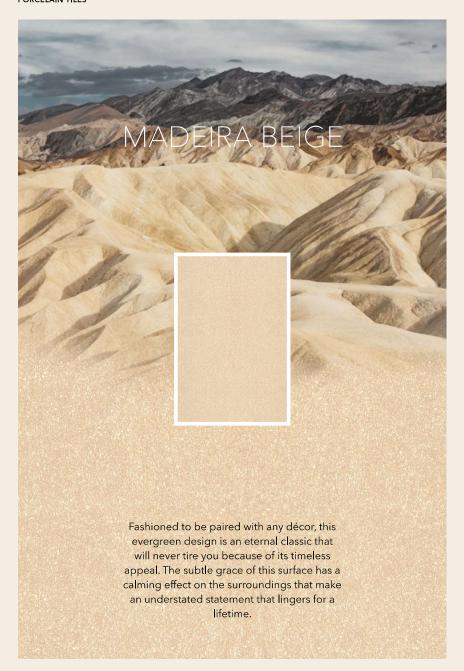




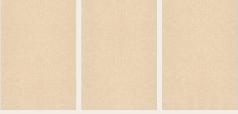


## 20MM OUTDOOR PORCELAIN TILES

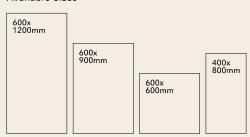








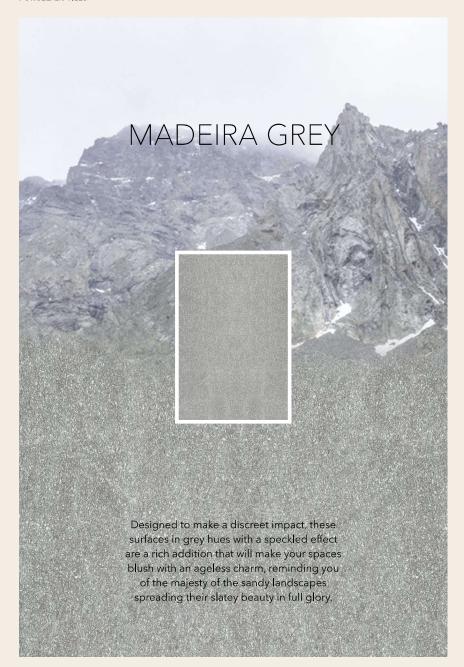
Size 600x900mm Surface Matt Body Type Ivory Random 3







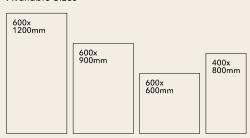








Size 600x900mm Surface Matt Body Type Grey Random 3







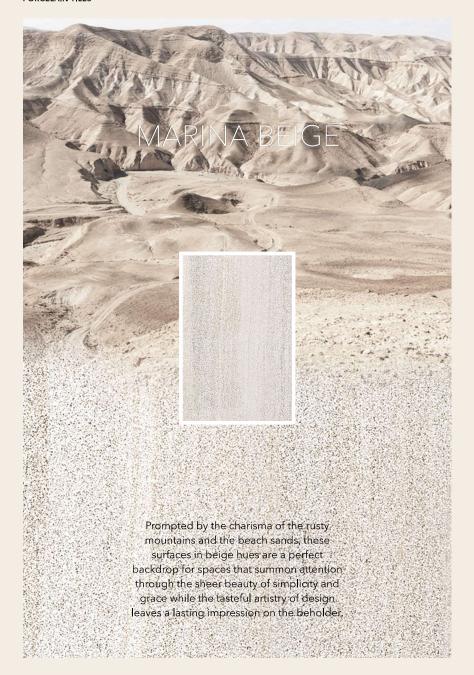




Floor - Marina Beige - 600x900mm





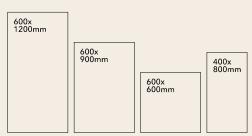


# MARINA BEIGE



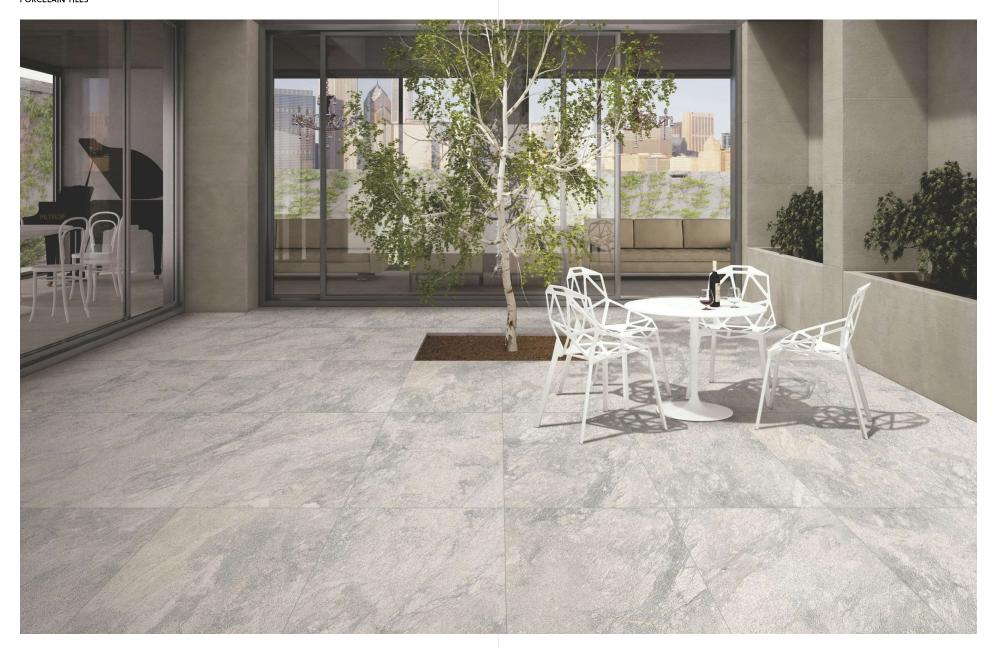


Size 600x900mm Surface Ma Body Type Ivory Random 9



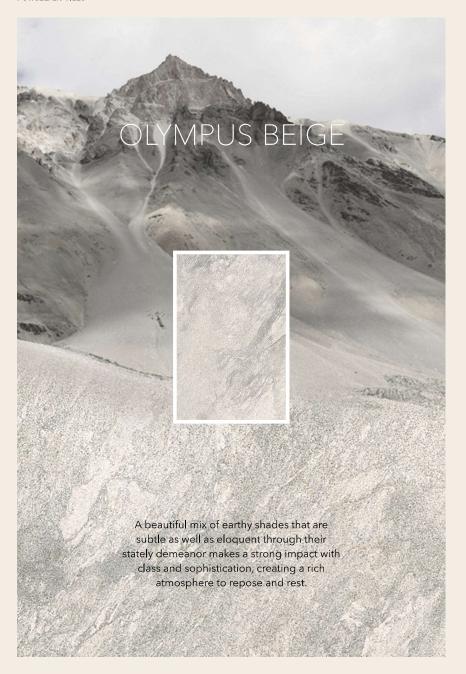






Floor - Olympus Beige - 600x900mm



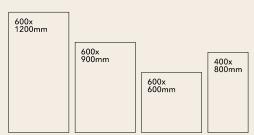


# **OLYMPUS BEIGE**





Size 600x900mm Surface Matt Body Type Ivory Random 6





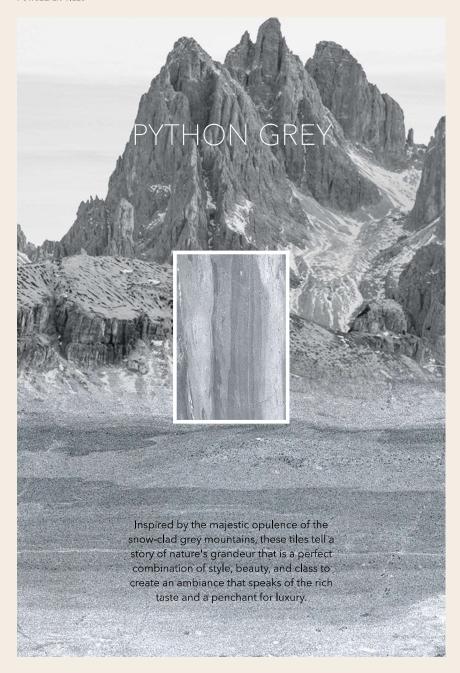




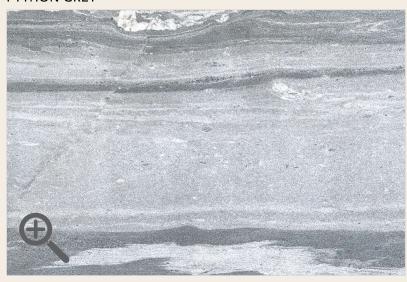


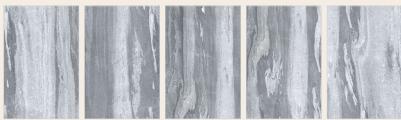
Floor - Python Grey - 600x900mm





# **PYTHON GREY**





Size 600x900mm Surface Mar Body Type Grey Random 7

# Available Sizes

600x 1200mm 600x 900mm 600x 600mm



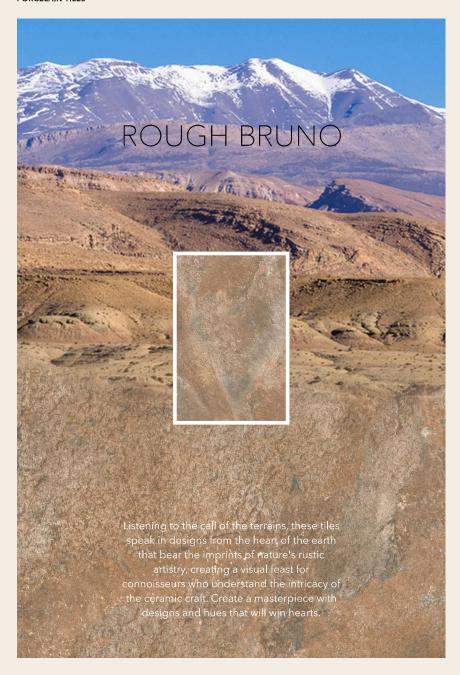






Floor - Rough Bruno - 600x900mm



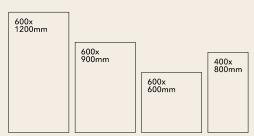


# **ROUGH BRUNO**





Size 600x900mm Surface Matt Body Type Ivory Random 5







## PORCELAIN STONEWARE TILE 20MM FOR OUTDOOR FLOORING

20mm outdoor porcelain stoneware is the product with the highest technical performance, ideal for flooring in an outdoor environment without the risk of breakage and without interrupting the continuity between interior and exterior spaces. Resistant to frost and thermal

shock, it has intensified anti-slip characteristics and is easy to clean. The perfect union between high technical performance and aesthetics helps maintain the material and color unchanged over time, guaranteeing long-lasting durability.

### **VERSATILE**



EASY TO LAY, REMOVE AND REUSE



MULTIPLE AESTHETIC VARIATIONS SEAMLESSLY COMBINE OUTDOOR AND INDOOR FLOORING



COLORS REMAIN STABLE OVER TIME



ATTENTION TO DETAIL AND SPECIAL PIECES FOR AESTHETIC RESULTS THAT MAKE A GREAT IMPACT









CAN BE INSTALLED WITH DIFFERENT LAYING SYSTEMS

#### **RESISTANT**



. . . .

FROST-RESISTANT



FIRE-PROOF



RESISTANT TO MOULD AND BACTERIA



HIGHLY RESISTANT TO HEAVY LOADS



RESISTANT TO STAINS. ACIDS AND CHEMICAL AGENTS



RESISTANT TO SALT



HIGH RESISTANCE TO THERMAL SHOCK

### **FUNCTIONAL**



NON-SLIP SURFACES



RESISTANT TO VEHICULAR PASSAGE IF APPLIED TO A SCREED





**ECO-FRIENDLY** 



LEED COMPLIANT

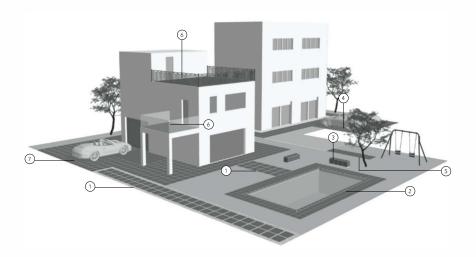




### **INTENDED USES**

Owing to the possibility of installing it dry (on grass, sand, gravel, and elevated floors) the 20mm porcelain outdoor tile collection is the

most versatile solution for exterior floors in residential and public areas.









2 SWIMMING POOLS, SPAS AND ADJOINING AREAS



(3) URBAN FURNITURE AND PUBLIC PLACES



4 HIGH-TRAFFIC INDUSTRIAL ZONES



5 PUBLIC PARKS



6 TERRACES AND



7 CAR PARKS AND DRIVEWAY AREAS



OTHER APPLICATION SOLUTIONS



### LAYING SOLUTIONS

Outdoor porcelain 20mm tiles are an an innovative solution that is very versatile due to the numerous laying possibilities they offer: dry

installation on grass, gravel, or sand, screed with adhesive, and elevated floor installation.

#### DRY INSTALLATION ON GRASS



Easy to lay, adjust, and move. An ideal solution for public parks and private gardens.

a.

b.

C.

d.



#### DRY INSTALLATION ON GRAVEL / SAND



Easy to lay, adjust, and move. Boasts ideal aesthetic features to enhance contemporary buildings.



#### INSTALLATION ON SCREED WITH ADHESIVE



Build resilient and durable outdoor spaces, pathways, driveways, and more with the installation of 20mm tiles on screed with adhesive.

### **ELEVATED FLOOR INSTALLATION**



Easily removable, inspectable, and reusable. Ideal to be applied with different kinds of support and is apt for concealing wiring pipes, and more with accessibility.



#### CAUTION

- When carrying out an elevated floor installation it is recommended to check the intended use and to follow the installation instructions.

- In the case of external dry installation, the force of the wind, in particular types of applications or geographical locations, can cause the lifting of the tiles.
It is recommended that the designer/client always check the suitability of the installation system selected according to local regulations in force.
Failure to follow the above recommendations may result in misuse of the product and cause injury to persons and/or damage to property.



### DRY INSTALLATION ON GRASS

To create a pathway with stepping stones, first of all, it is important to determine the number of steps necessary for the entire path, making sure that the tiles are positioned equidistantly. So as to obtain maximum stability, it is recommended to

dig out about 5/8cm from the soil, and then place a fine layer of gravel. Compact the substrate and then position the tile. To allow the turf to grow well, it is advisable to leave a gap of at least 10cm between one tile and another.



SAFE AND STABLE



LONG-LASTING

1/2

3/4

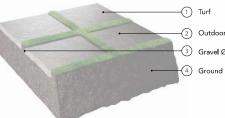
5/6



**EASY TO CLEAN** 



DRAINS

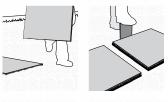


2 Outdoor 20mm Porcelain Our Tile

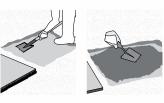
Gravel Ø 4/8mm (5/8cm thickness)



IT IS GOOD PRACTICE TO LAY THE SURFACE OF THE TILES IN LINE WITH THE TURF: THIS WAY THERE IS NO RISK OF DAMAGING THE LAWN MOWERS.

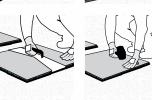


To determine the correct sizing and positioning of the flooring, place the tiles on the ground and carefully position them equidistant from each other. Mark the perimeter of the tile using a spade in the soil.



Remove the turf and dig out about 5cm of soil.

Form a stable and uniform substrate using fine gravel (grain size 4/8mm).



Lay the tile, so as to have an approximately 0.5cm level difference, between the tile and the ground. To simplify tile installation it is possible to use suitable tile installation handles. Knock the tile along the edges with a rubber hammer until it is at the same level as the turf.

#### CAUTION

The application layers proposed are to be taken as an indication, and have the sole purpose of showing how to obtain a correct flooring



### DRY INSTALLATION ON GRAVEL / SAND

For installation on sand it is good to remember to place a geotextile on the gravel, on which to spread out a layer (from 2 to 5cm thick) of dry sand with a grain size of 0/2mm. It is necessary to compact the sand with a vibro-compacting plate

before proceeding with the installation of the tiles. For particular uses and for stressful loads, it is advisable to consult a technician in order to calculate precisely the thicknesses of the various layers of the substrate.



SAFE AND STABLE



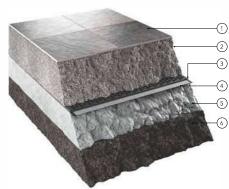
LONG-LASTING



EASY TO CLEAN



DRAINS



Outdoor 20mm Porcelain Our Tile

Gravel Ø 4/8mm (10/30cm thickness)

Honeycomb mat

Waterproof membrane

Screed (10/20cm thickness) with 0.5-2% inclination

Ground



Outdoor 20mm Porcelain Our Tile

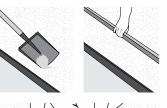
Sand (2/5cm thickness)

Gravel Ø 0/20mm (20/40cm thickness)

Gravel Ø 40/80mm (30/50cm thickness)

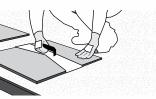
Geotextile

Ground



1/2

Form a stable and uniform substrate using fine gravel or sand. Level the substrate with a metal straight edge.

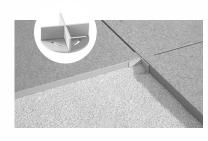


3

Position the tile and then compact the edges in order to level the tile with the substrate. It is suggested to use a joint of at least 4mm to allow good water drainage.



IN ORDER TO AVOID THE DISPLACEMENT OF THE SUBSTRATE AND CONSEQUENTLY THE TILES, THE SUBSTRATE MUST BE PARTITIONED WITH CONTAINMENT EDGES OR PERIMETER CURBS.



Spacers designed for laying tiles on sand or gravel are an extremely versatile and practical system despite their simplicity. The support is made up of a head with a spacer cross and a removable tip: the fins of the head cross help position the tiles and create the joint between them, ensuring that over time the flooring maintains its correct positioning. The tip is specific for application on sand: the elongated shape guarantees the anchorage and stability of the tiles, preventing them from slipping. For use on gravel, it is possible to remove the tip and place the spacer head directly on the gravel.



The application layers proposed are to be taken as an indication, and have the sole purpose of showing how to obtain a correct flooring. It is recommended to always refer to the specific norms and regulations in each individual country and the instructions of the project supervisor.





## INSTALLATION ON SCREED WITH ADHESIVE

LONG-LASTING

For installation on screed with adhesive we recommend a joint of at least 5mm. The size and position of the expansion joints must be established by the project supervisor; they must have an indicative width ranging from 4 to 12mm and divide the surface to be paved in a uniform

pattern with dimensions ranging from approximately 3x3m to 4x2.5m. To facilitate the flow of rainwater, it is always necessary to assess the slopes of outdoor paving; when laying with adhesives on screed, the slopes are determined by the latter.



SAFE AND STABLE





EASY TO CLEAN

RESISTANT TO VEHICULAR PASSAGE



Grout min CG2W (EN 13888)

Outdoor 20mm Porcelain Our Tile

Adhesive for exteriors min C2ES1 (EN 12004)

Possible waterproofing layer (2/4mm thick)

Sloping screed (5/10cm thick - slope >1.5%)

Concrete reinforced with electro-welded mesh (10/25cm thick) Ground



IN ORDER TO AVOID AESTHETICALLY UNPLEASANT CUTS OF THE TILES, IT IS SUGGESTED TO DEFINE THE SLOPES OF THE SCREED TAKING INTO ACCOUNT THE SIZE CHOSEN FOR THE INSTALLATION.







1/2

5/6

Before proceeding with the installation clean the substrate thoroughly. In order to obtain a flat floor, it is important to apply an even layer of adhesive.





3/4

Check the planarity of the flooring regularly during the laying operations.

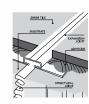




Once the installation is finished grout the flooring. Remember to observe the times indicated by the manufacturer for light foot traffic before walking on the tiles. "Post-installation" cleaning is mandatory at the end of the work and is required to remove residues

of cement, lime or grout used for laying and filling the joints.

# **Expansion joints**





3

In correspondence with a structural or dividing joint in the screed, it is mandatory to provide an expansion joint with a width that is at least the size of the existing one. If there are joints between different surface types, it is mandatory to provide an expansion joint.



Around fixed elements of the supporting structure, such as walls, steps, columns, etc., it is mandatory to provide peripheral joints with a width of between 4 and 12mm.

#### CAUTION

The application layers proposed are to be taken as an indication, and have the sole purpose of showing how to obtain a correct flooring. It is recommended to always refer to the specific norms and regulations in each individual country and the instructions of the Project Supervisor

## **ELEVATED FLOOR INSTALLATION**

The elevated floor technology offers many specific and immediately perceivable advantages: it allows the passage of cables, pipes and necessary installations to be managed easily; it enables the underfloor to be inspected easily and guarantees an effective draining of rainwater. Thanks to the presence of

independent elements, elevated floors absorb expansion and structural movements, thus avoiding the formation of cracks on the waterproof embrane. The absence of the screed makes it possible to substantially reduce the weighthat burdens the structures, while offering a high resistance to loads.



Outdoor 20mm Porcelain Our Tile Fixed

or adjustable support

Screed (15/25cm thickness)



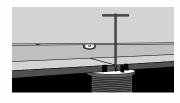
FOR THE OPTIMAL DRAINAGE OF RAINWATER, THE ELEVATED FLOORING MUST BE INSTALLED WITH A SLOPE OF BETWEEN 1.5% AND 2%.



The installation on the plastic supports must only been done on perfectly waterproof substrates. Before proceeding with the installation clean the substrate thoroughly.



With regard to the number and position of the supports, as well as the type of reinforcement on the back of the slab, it is recommended to follow the instructions given in the following table, which are essential to evenly distribute the load.



With the use of the special adjustment key it is possible to obtain a perfectly stable surface and with the required slope for better water drainage.

### CAUTION

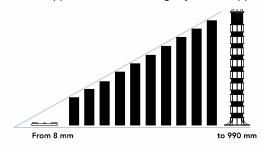
The application layers proposed are to be taken as an indication, and have the sole purpose of showing how to obtain a correct flooring.

It is recommended to always refer to the specific norms and regulations in each individual country and the instructions of the project supervisor.



## **ELEVATED FLOOR INSTALLATION - SUPPORTS**

## Fixed supports and self-levelling adjustable supports



The structure of the supports consists of a base (which rests on the slab), a central screw adjustable in height and a head (on which the tile rests) which can be fixed or self-levelling with a self-adjustment system to alter inclination by up to 5°.

## Technical characteristics of the supports

3	They are made entirely of recycled and recyclable material
$\Delta$	Resistant to both acidic and alkaline solutions
	Resistant to atmospheric agents
l	Resistant to temperatures of between -30 °C and +120°C
	Resistant to the crushing test with a load superior to 1 tonne
Ş	Made of polypropylene
<b>®</b>	Noise reduction of up to 25dB
Q	Possibility of using supports made with self-extinguishing material, which prevents the propagation of flames

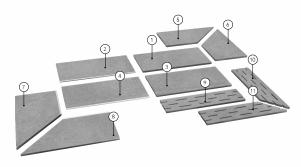
Format	Elevated floor installation up to 2cm	Elevated floor installation 2-10cm	Elevated floor installation 10-30cm	Elevated floor installation 30-99cm
60x60cm	4 SUPPORTS 3 · 4 sup/m2	4 SUPPORTS 3×4 sup/m2	4 SUPPORTS + Reinforcement system or substructure of aluminium beams 3+4 sup/m2	4 SUPPORTS + Reinforcement system or substructure of aluminium beams 3+4 sup/m2
60x90cm	6 SUPPORTS 3+4 sup/m2	6 SUPPORTS + Reinforcement system or substructure of aluminium beams 3+4 sup/m2	6 SUPPORTS + Reinforcement system or substructure of aluminium beams 3+4 sup/m2	6 SUPPORTS + Reinforcement system or substructure of aluminium beams 3+4 sup/m2
60x120cm	6 SUPPORTS 3+4 sup/m2	6 SUPPORTS + Reinforcement system or substructure of aluminium beams 3+4 sup/m2	6 SUPPORTS + Reinforcement system or substructure of aluminium beams 3+4 sup/m2	6 SUPPORTS + Reinforcement system or substructure of aluminium beams 3+4 sup/m2

### 20MM OUTDOOR COLORBODY TILES

# **SPECIAL ELEMENTS**

In order to guarantee excellent aesthetics and functionality for the various possible applications, the 20mm outdoor porcelain

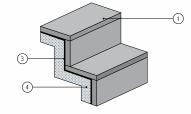
Our tile collections have a rich set of step elements and special pieces.



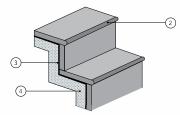
- 1) Stair tile with straight edge
- 2 Stair tile with rounded edge
- 3 Stair tile with straight ribbed edge
- (4) Stair tile with rounded ribbed edge
- (5) Right corner piece with straight edge
- (6) Left corner piece with straight edge
- 7) Left corner piece with rounded edge
- 8 Right corner piece with rounded edge
- 9 Grid
- 10 Right corner grid
- (11) Left corner grid

For the full range of special elements refer to the product catalogue.

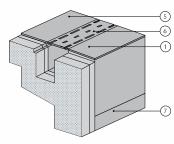
#### STAIR TILE WITH STRAIGHT EDGE



#### STAIR TILE WITH ROUNDED EDGE



#### SWIMMING POOL EDGE



- 1) Stair tile with straight edge
- 2 Stair tile with rounded edge
- (3) Adhesive
- 4 Screed
- 5 Flooring
- 6 Grid
- 7 Swimming pool covering

### CAUTION

The images are to be taken as an indication, and have the sole purpose of showing how to obtain a correct flooring.

It is recommended to always refer to the specific norms and regulations in each individual country and the instructions of the project supervisor.



# **TECHNICAL SPECIFICATIONS**

TEST DESCRIPTION	ISO-13006/EN176 GROUP BIA	MEAN VALUE OF OUR	TEST METHOD		
Length & width	±0.6 %	±0.3mm	Passed		
thickness 14mm	±5 %	±0.3mm	Passed		
Straightness of side	±0.5 %	±0.3 %	Passed		
Rectangularity	±0.6 %	±0.3 %	Passed		
Surface flatness	±0.5 %	+0.35mm to -0.1mm	Passed		
Surface quality	Minimum 95 %	Minimum 95 %	Passed		
Water absorption	< 0.5 %	< 0.04 %	Passed		
Breaking strength	> 1300N	> 1500N	Passed		
Flexural strength (Average)	> 35N/mm²	> 40N/mm²	Passed		
Scratch hardess of surface (Moh's scale)	> 6	> 6	Passed		
Resistance to deep abrasion	<175mm³	<144mm³	Passed		
Skid Resistance (Friction coefficient)	>0.4	>0.4	Passed		
Bulk Density, in (g/cc)	>2	>2	Passed		
Linear Thermal expansion	Max. 9.0⁴ x K⁵, Max	Max. 9.0 <sup>-6</sup> x K <sup>-6</sup> , Max	Passed		
Thermal shock resistance	No damage	No damage	Passed		
Frost resistance	Frost proof	Frost proof	Passed		
Resistance to Chemical	Resistance	Resistance	Passed		
Resistance to Stain	Resistant	Resistant	Passed		
Moisture expansion	Nil	Nil	Passed		
Colour resistance	Resistant	Resistant	Passed		
Glossiness (Polished)	-	-	Passed		

## PACKING DETAILS

SIZE	WEIGHT/ BOX (KG)	PIC/BOX	WEIGHT/ PLT (KG)	BOXES/ PLT	PLT/CTN	BOXES/ CTN	MT²/BOX	MT²/PLT	MT²/CTN	WIGHT/ CTN
600x1200mm (20mm)	32.5	1	30	30	28	840	0.72	21.6	604.8	28000
600x900mm (20mm)	24.5	1	30	40	28	1120	0.54	21.6	604.8	28280
600x600mm (20mm)	32.75	2	30	32	26	832	0.72	23.04	599.04	28028
400x800mm (20mm)	-	-	-	-	-	-	-	-	-	-

# PACKING DETAILS (PATIOPACK)

SIZE	PCS/ CRAT	M2/PCS	SQFT/ PCS	Mt2/ CRATE	SQFT/ CRATE	IN KGS/ CRATE	CRATE/ CTN	CRATE/ CTN	IN KGS/ PLT	IN KGS/ CTN
600x900mm (20mm)	13	0.54	5.81	7.02	75.56	530.40		36	730	26280
600x600mm (20mm)	13	0.36	3.88	4.68	50.38	235.76				
296x600mm (20mm)	13	0.18	1.94	2.31	25.18	58.14	532.71			
296x296mm (20mm)	9	0.09	0.79	0.79	7.10	5.60				
	48			14.80	158.21	829.89	532.71	36.00	730.00	26280.00