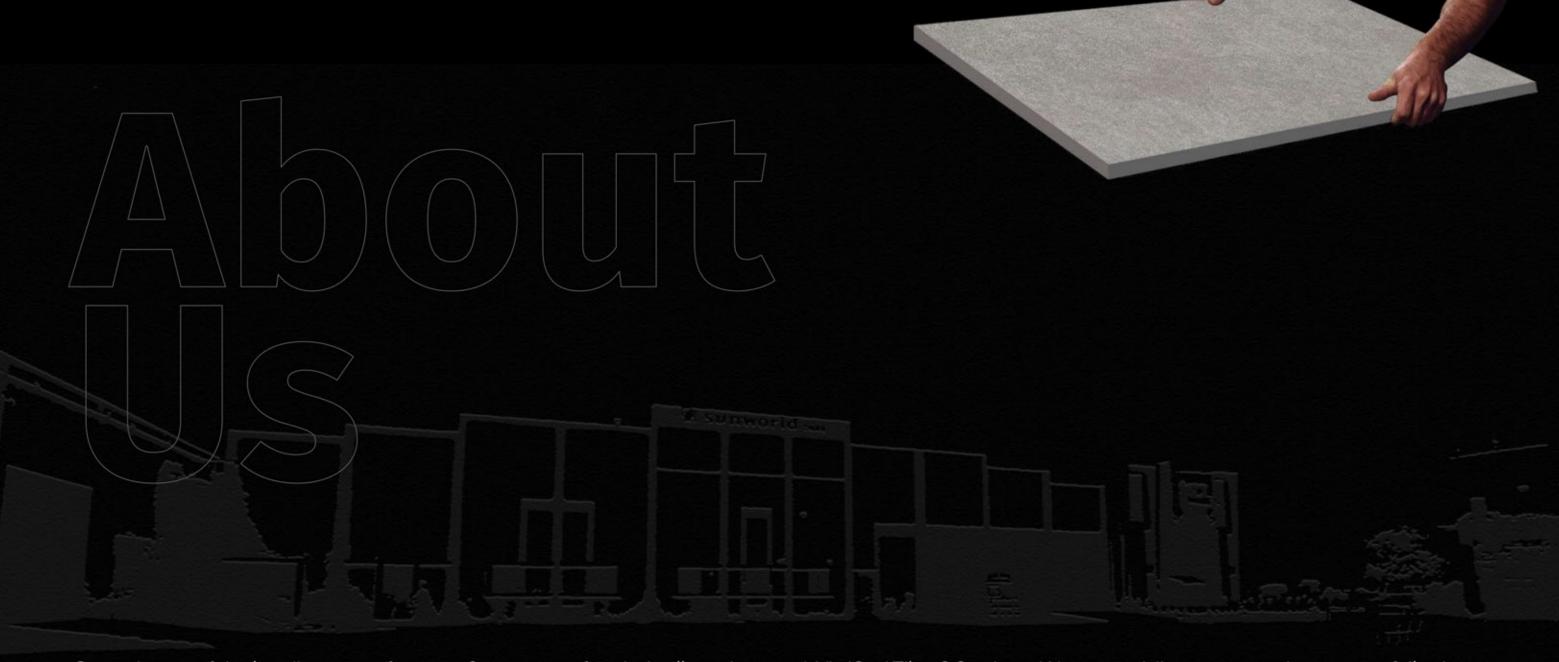




MATT SERIES

600X1200MM 600X900MM 600X600MM

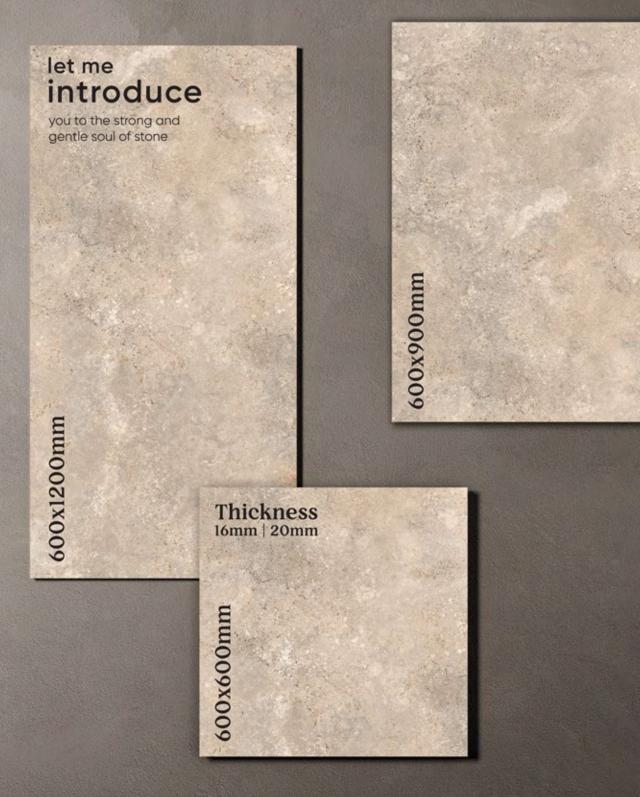
OUTDOOR PORCELAIN TILES



Group is one of the leading manufacturer & exporter of technically-advanced, Vitrified Tiles & Sanitary Ware, providing an extensive range of tile decor options for both residential and commercial interiors. We believe in values of - "innovation, Quality Products and Customer Satisfaction". Product Range: Vitrified Tiles & Sanitary Ware.

These offered range of tiles find applications in Residential & Commercial complexes, IT Parks, Hotels & Restaurants, Airports, Hospitals as well as other housing constructions and restoration of existing structures.

Backed with advanced & sophisticated state-of-the-art infrastructure facility, we are well-equipped with latest designing & manufacturing amenities. This also facilitates us in persistently improving every aspect of our operations. Further, we lay prime emphasis on the human factors occupied in our business.



Size (mm)	600x1200 600x900 600x600
Thickness (mm)	16mm 20mm
Surface	MATT- R09 R11
Surface Punch	Plain Stone Slate
Color Body	Ivory Grey Black









CHEPO BEIGE





Bring Fabulous Design

3 Shades of Petals Look



Classic design

4

A Perfect Ideal Choice

OUTDOOR PORCELAIN TILES

A versatile and highperformance porcelain stoneware, incorporating all the aesthetic qualities of natural stone, for spaces in which people are the focal point, surrounded by beautiful and eternal surfaces that combine wellbeing, beauty and practicality

The requirements of modern architecture are combined with the fascination with natural stone. Inspiration has been taken from Irish Stone, proposing new systems for a covering of great aesthetic value, destined to be a key feature.

TILE LAYING POSSIBILITIES

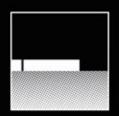
16 | 20mm THICKNESS



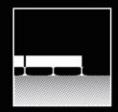
LAYING ON SCREED WITH ADHESIVES



LAYING ON A RAISED FLOOR



LAYING ON GRAVEL



DRY LAYING ON THE GRASS



A reflection on the primitive and minimalist form of stone and on the different finishes that originate from the different ways of working this material: this is what inspired the Stonetalk collection.



The various that make up the collection capture all the splendor of real marble, highlighting one of the wonders offered by nature and provoking at the very first sight the same strong emotional impact experienced.







The dark stone stands out due to its decisive but refined mood and can also transmit these features to large architectural spaces.



ROBUST THICKNESS MIGHTY DURABILITY

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.

20MM

THICKNESS

BENIFITS OF 20MM OUTDOOR TILES

Stress-Resistant





High Tensile Strength

Antislip (R11)





Weather Resistant

Easy To Clean Due To The Lack Of Adhesives And Filler





Easy To Install
Even Without
Adhesives Or Filler

Frost And Fireresistant





Removable And Reusable

Good Drainage, Facilitates The Flow Of Water And Rainfall, Eliminating Harmful Stagnation





Ideal For Paving Outdoor Installations, Including Raised Paving.

Easily Inspected And Functional, Allows Installation And Maintenance Of Cabling And Pipework.



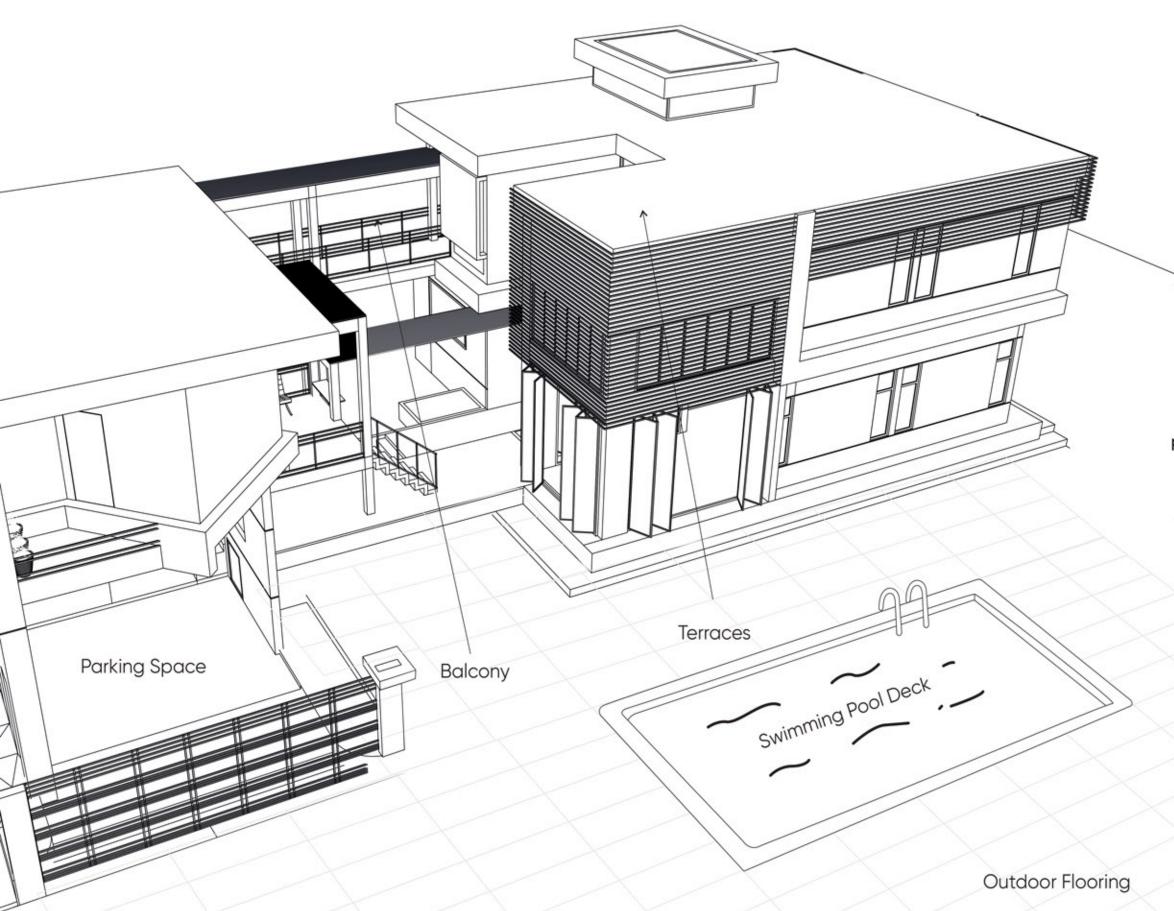


Highly Resistant To Changes In Temperature

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.

PORCELAIN TILES





Terrases, pathways and covered pools clad with 20mm outdoor porcelain effortlessly merge with the surrounding spases and nature. Internal flooring that seamlessly communicates and runs into external surfaces. With 20mm outdoor porcelain, urban areas like public parks, gardens and swimming pools unexpectedly become delightful scenic locations.

The products featured in this catalogue are primarily suggested for external spaces that require floorings with anti-skid properties.

Parking Lot



Application Areas

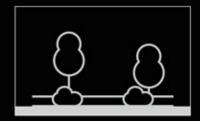
Our 20 mm thick Outdoor Porcelain vitrified tile by Our brings together aesthetically appealing quality and the best technical performance and could be used over almost all external areas and usages without the risk of breakage. They are resistant to frost and also to sudden temperature changes besides being anti-slip, easy to clean and are designed to retain their texture and colour over their lifetime.



Public Parks, Gardens



Terraces and Balconies



Driveways and Pathways



Swimming Pools and Surrounding Areas



Out door patio and verandah



Beach Resorts



Parking Lots and Vehical Passage



Street Furniture



High-traffic Industrial Areas



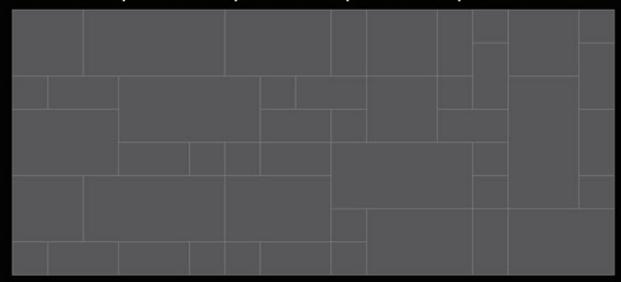
TERRACES

Laying Patterns

MAKE NATURAL LOOKING PATTERNS
LIKE INTERLOCKING, RANDOM,
REPETITIVE, SQUARES WITH
OUR OUTDOOR PORCELAIN

Tiles Combination & Cutting Tiles

600x1200mm | 600x900mm | 600x600mm | 300x600mm | 300x300mm



Tiles Combination

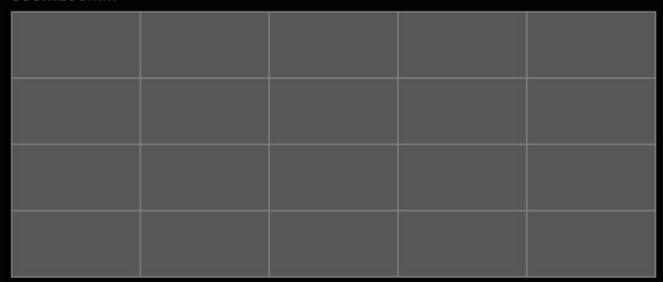
600x900mm



Please note that your stockist may offer the tiles in different pack sizes. All dimensions are standard and all products are designed to be laid with appropriate joints. Please refer to our step-by-step laying guide for additional information on this topic. Also, when using multiple tile packs, always mix the tiles before laying to achieve an overall blended appearance.

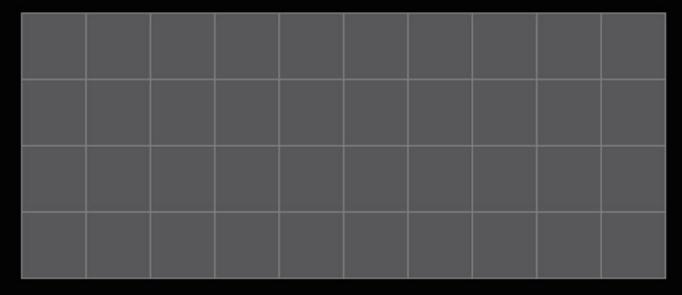
Tiles Combination

600x1200mm



Tiles Combination & Cutting Tiles

600x600mm



INDEX

	AUSTIN BIANCO10		KANDY GREY42		POZZOLANA GREY74		VENICE BIANCO	10
•	AUSTIN GREY12		LAGOS BEIGE44		POZZOLANA MARRON76		VENICE BLUE	108
•	BOSTON CHOKO14		LAGOS BIANCO46	-	POZZOLANA SMOKE78		VENICE GREEN	110
•	CAMLIN BIANCO16		LAGOS NATURAL48	1./-	ROCK BEIGE80		VENICE GREY	112
•	CAMLIN RUST18		MEDINA BLANCO50		ROCK BIANCO82		VIENNA SILK	114
	CHEPO BEIGE20	•	MEDINA BURLY52		ROCK BROWN84		VOLGA BIANCO	116
•	CHEPO BIANCO22		MEDINA COTTO54	/ -	ROCK CEMENTO86		VOLGA SILK	118
•	CHEPO GREY24		MEDINA GRIS56		ROCK GRIS88		HAMMER STONE BEIGE	120
•	CHEPO MILK26	•	MEDINA MARRON58		ROCK NATURAL90		LAVA STONE	122
•	CONCRETE BLANCO28		MEDINA NEGRO60	V	ROCK TAUPE92		QUARTZ GREY	124
•	CONCRETE COTTO30	7	MILANO BEIGE62	/ / =	ROME BEIGE94		QUARTZ WHITE	126
•	CONCRETE MARRON32	•	PERTH BEIGE64		ROME BIANCO96	•	SHERPA BEIGE	128
•	CONCRETE NATURAL34	•	PERTH BIANCO66		ROME DARK GREY98	•	SHERPA GREY	130
•	KANDY BEIGE36	•	PERTH CHOKO68		ROME LIGHT GREY100			
	KANDY BIANCO38	•	PORTO GREY70		SWISS DARK102			
	KANDY GREEN40		POZZOLANA BURLY72		SWISS LIGHT104			

AUSTIN BIANCO

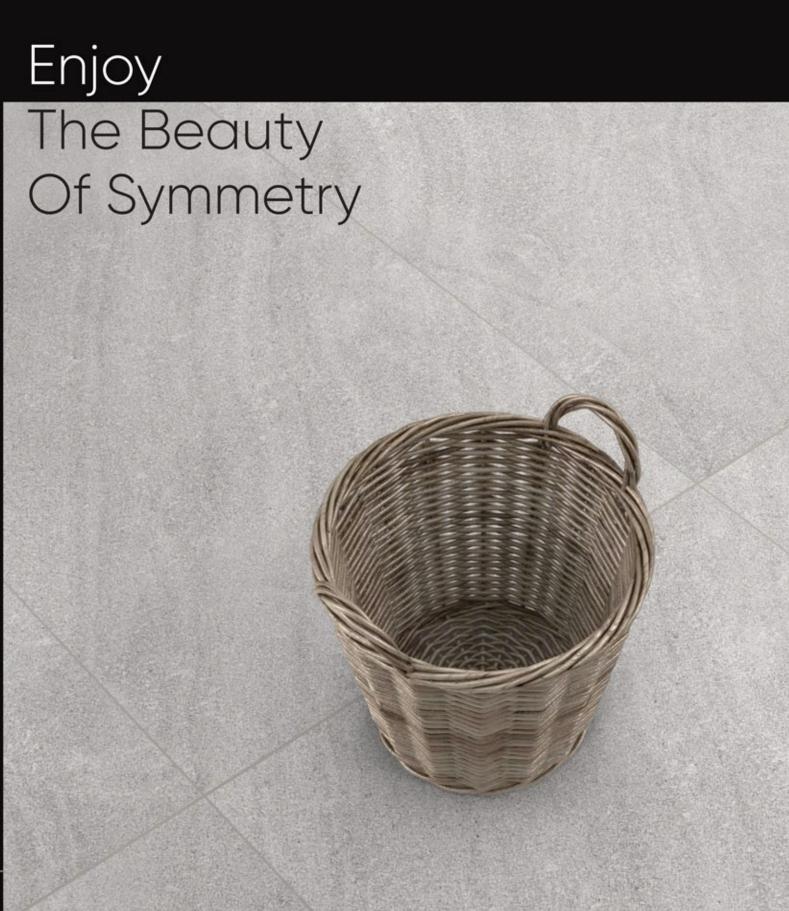






AUSTIN GREY







BOSTON CHOKO

SURFACE MATT- R09 | R11 **THICKNESS** 16mm | 20mm SIZE **Plain Punch** 600x1200mm **Slate Punch** 600x900mm **Stone Punch** 600x600mm Random-2 14 <u>+</u> <u>+</u> <u>+</u> <u>+</u> <u>+</u> <u>-</u>

Quirky Charm To Your Spaces



CAMLIN BIANCO



Adds Character To Your Spaces



CAMLIN RUST



Mediterranean



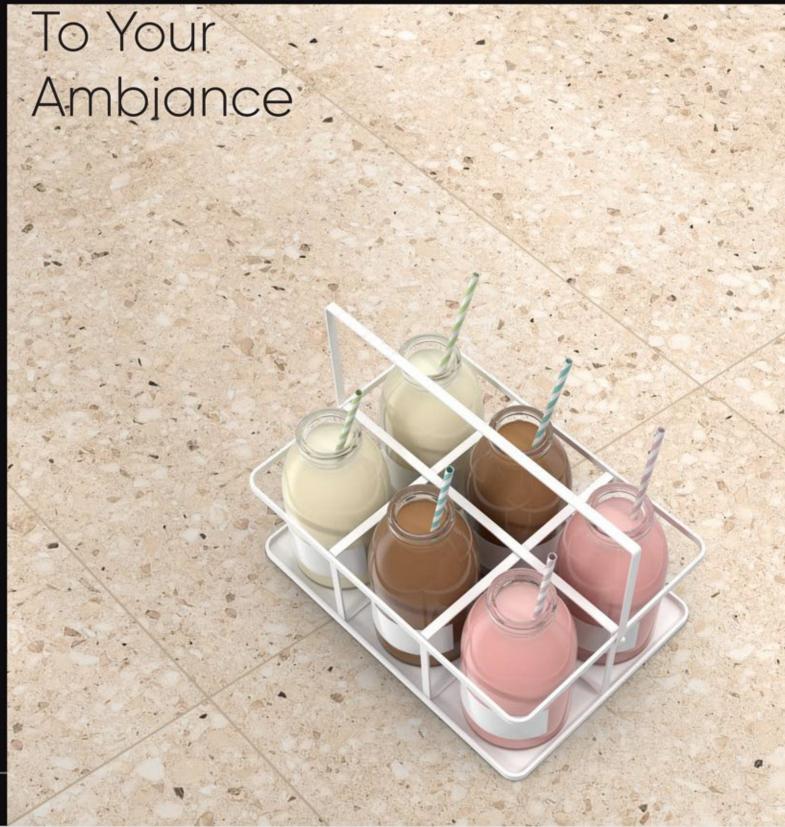




CHEPO BEIGE



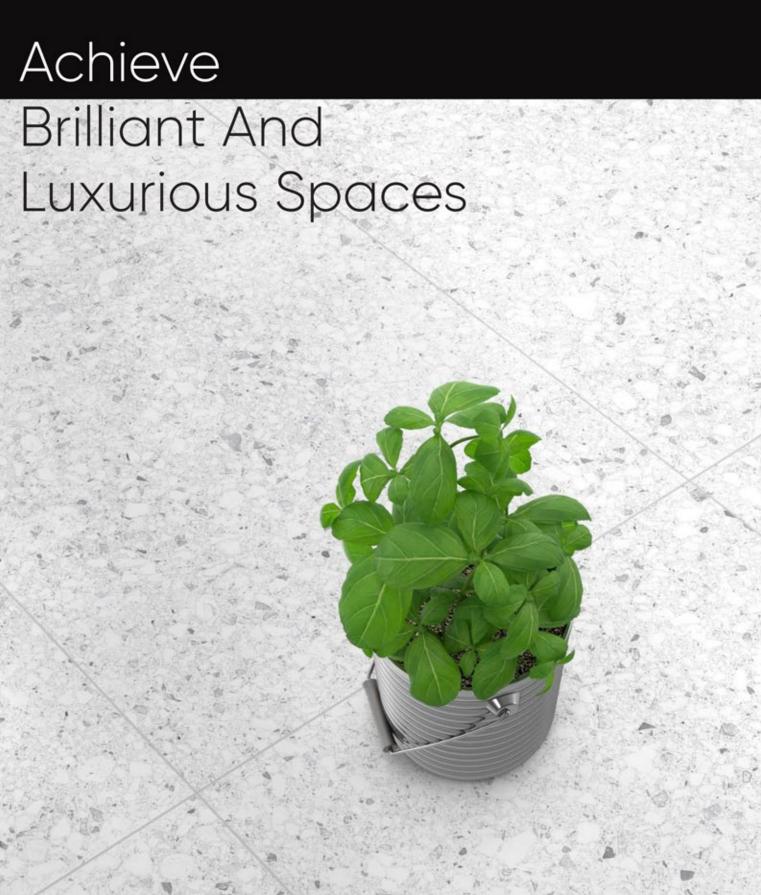
Elegance

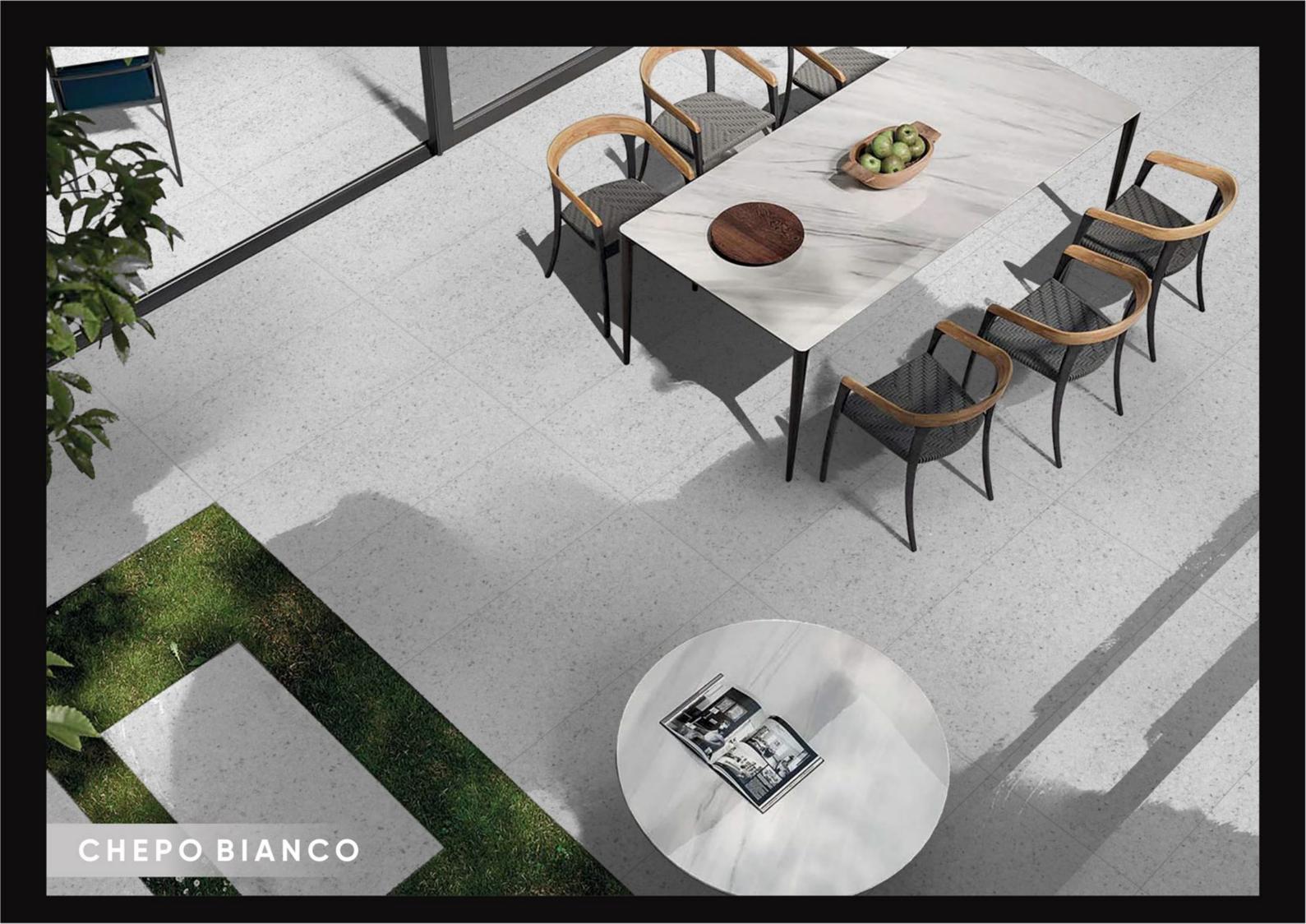




CHEPO BIANCO







CHEPO GREY



Enhance

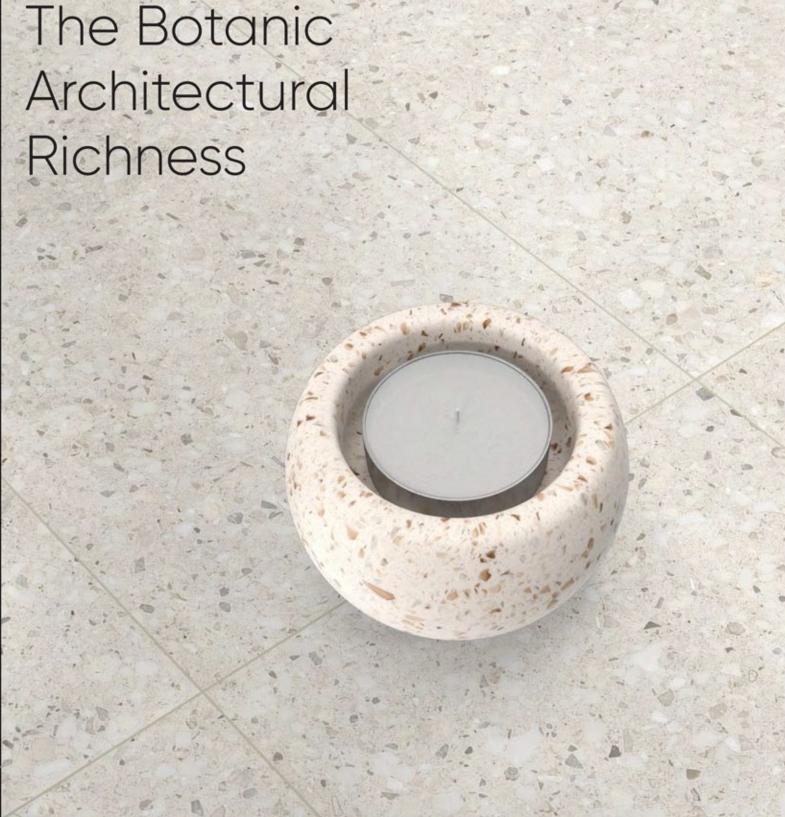




CHEPO MILK



Embellish





CONCRETE BLANCO





CONCRETE COTTO



Design Your Spaces Creative And Mesmeric



CONCRETE MARRON



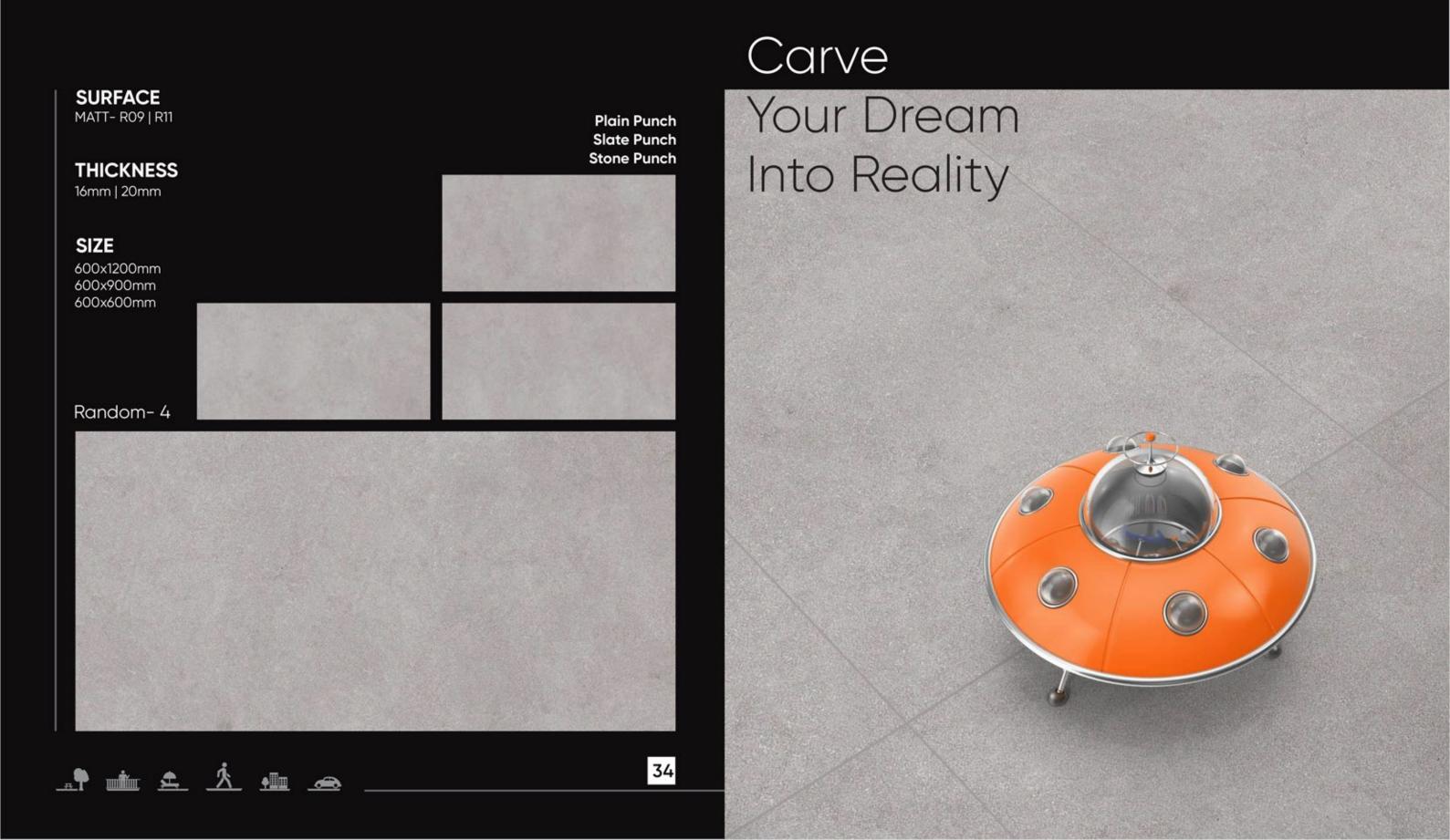
Shades

Give A Sense Of Unity



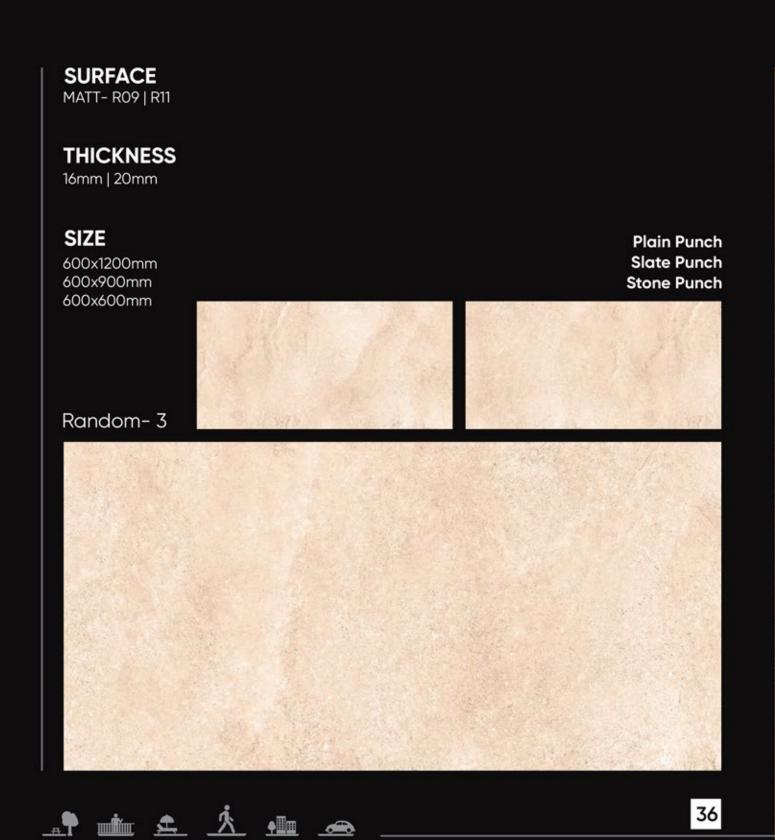


CONCRETE NATURAL





KANDY BEIGE



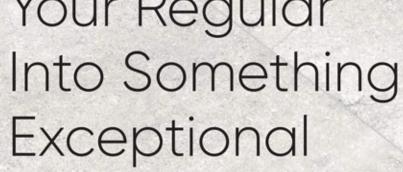
Accentuate The Accents In Your Living Spaces



KANDY BIANCO



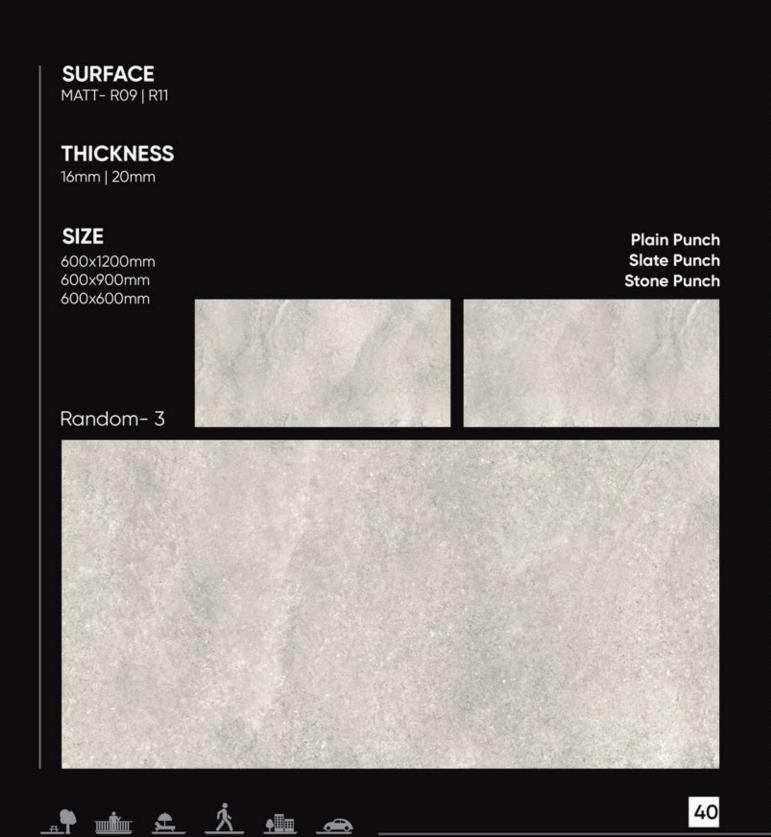
Transform Your Regular







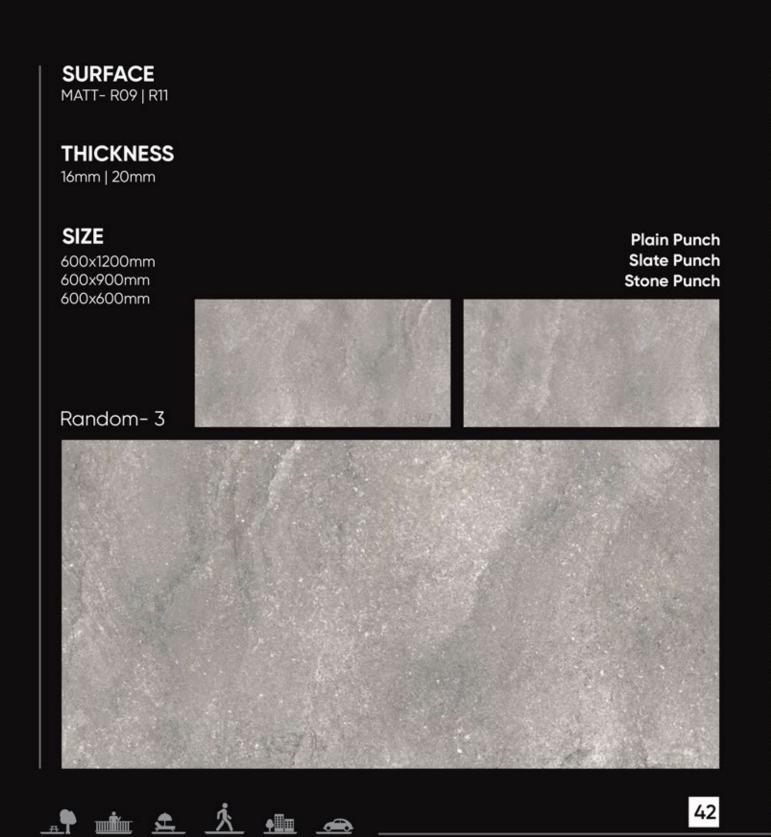
KANDY GREEN

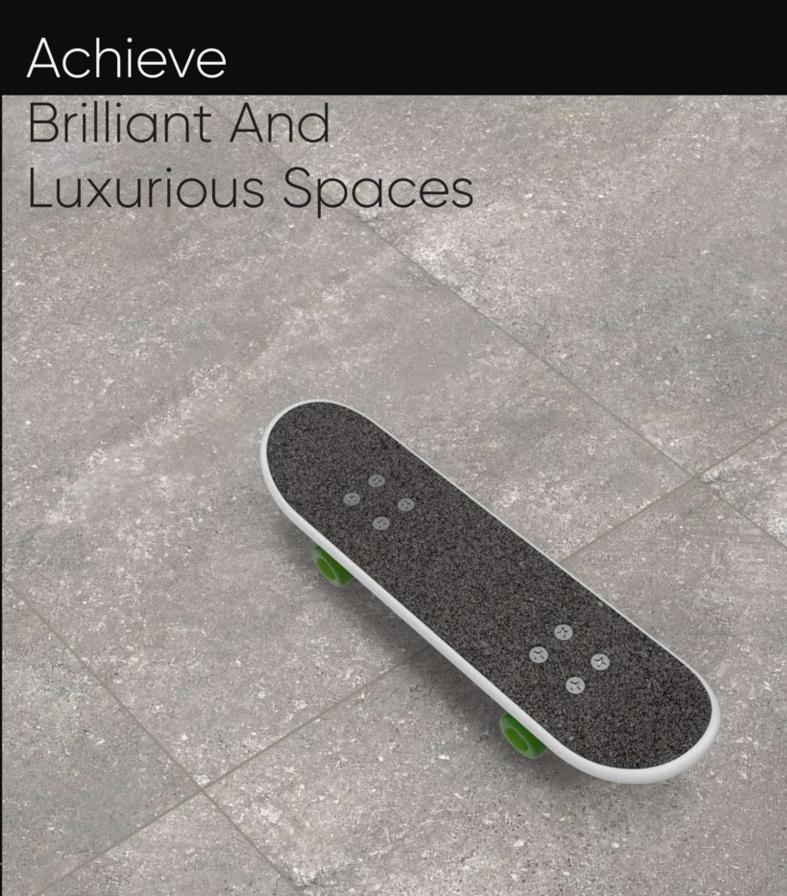






KANDY GREY







LAGOS BEIGE

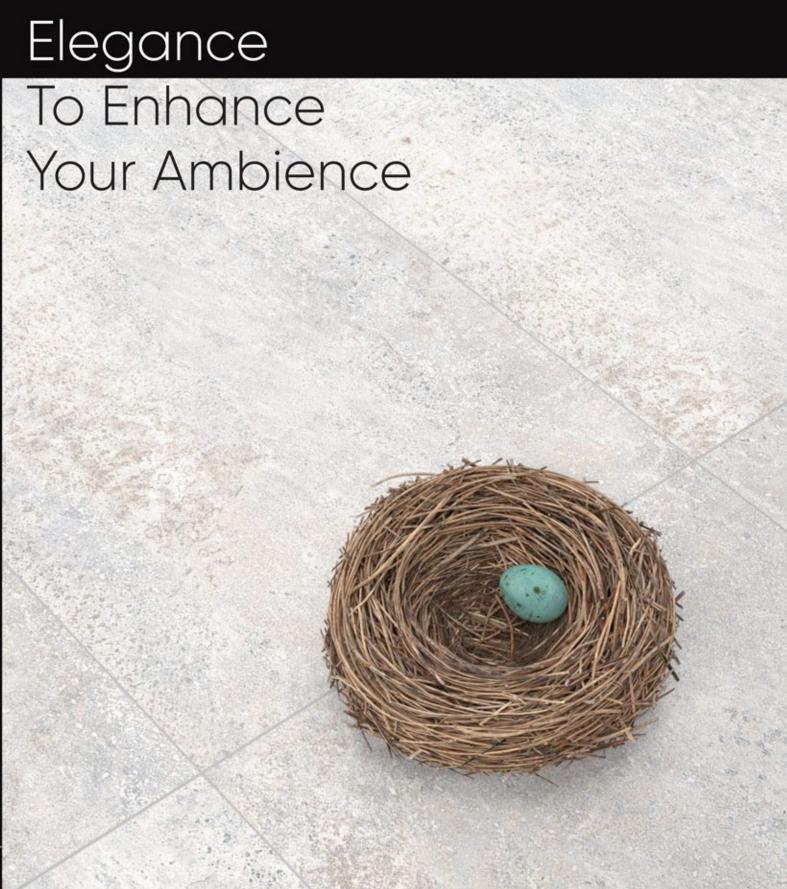


Make Your Place, As Your Dream



LAGOS BIANCO







LAGOS NATURAL



Enhance





MEDINA BLANCO



Bring In The Tren

The Trendy Designs You Need



MEDINA BURLY



Give Your Space A Stunning Look



MEDINA COTTO



Aesthetic Charm To The Space



MEDINA GRIS



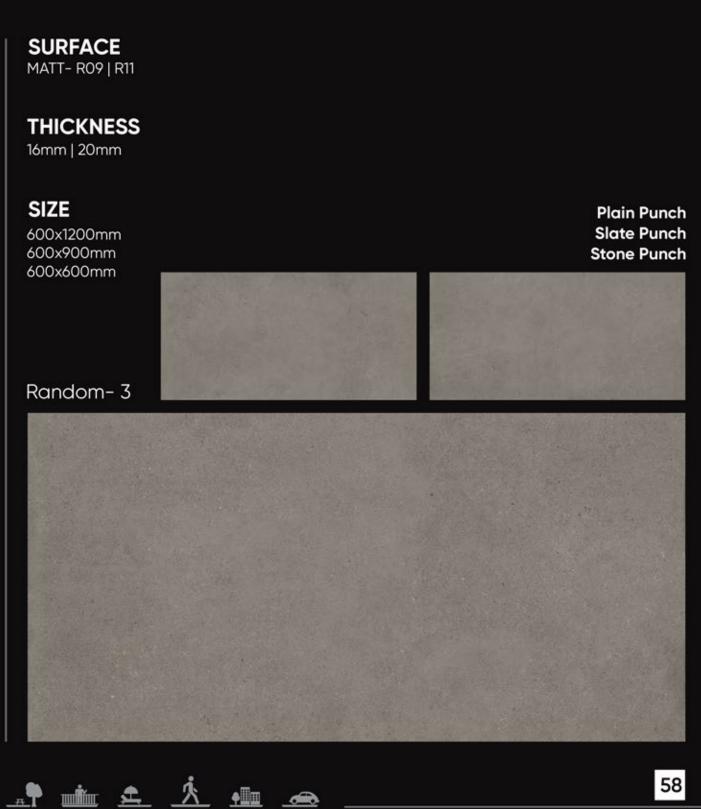
Creates

Balanced And Minimal Spaces





MEDINA MARRON



Create A

Balanced And Subtle Atmosphere

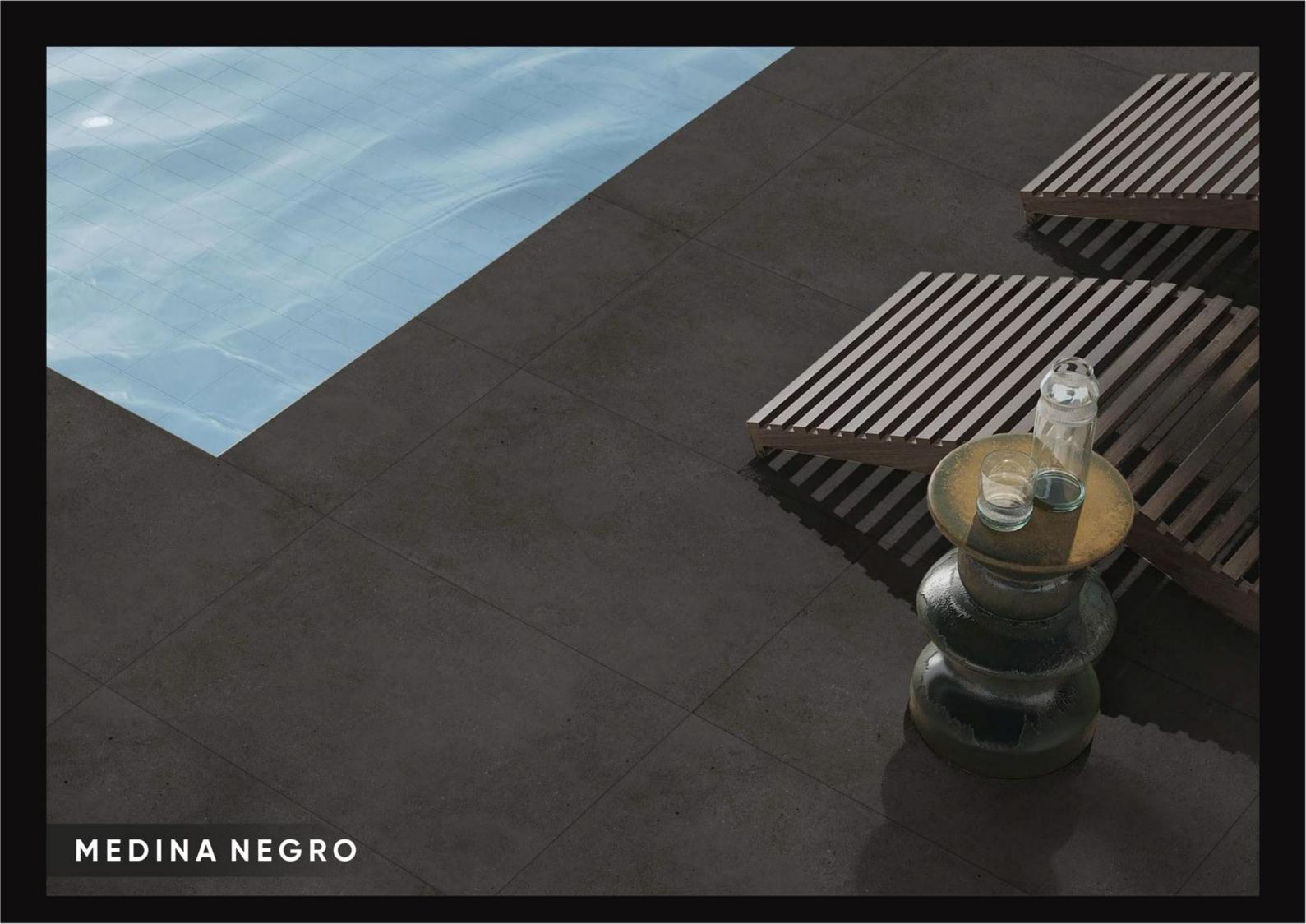




MEDINA NEGRO

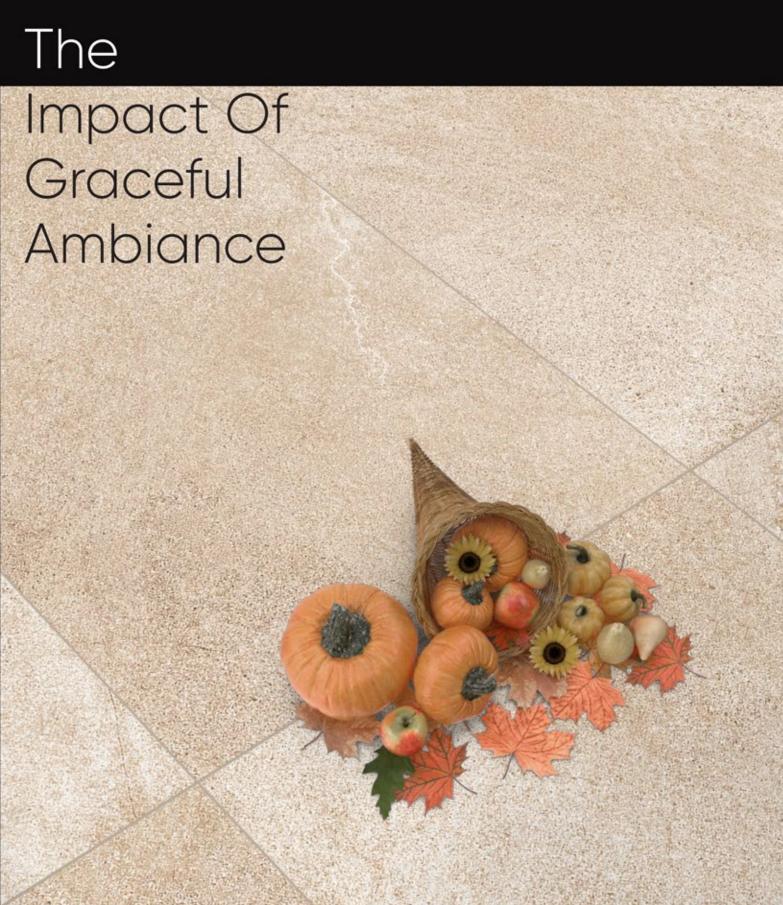


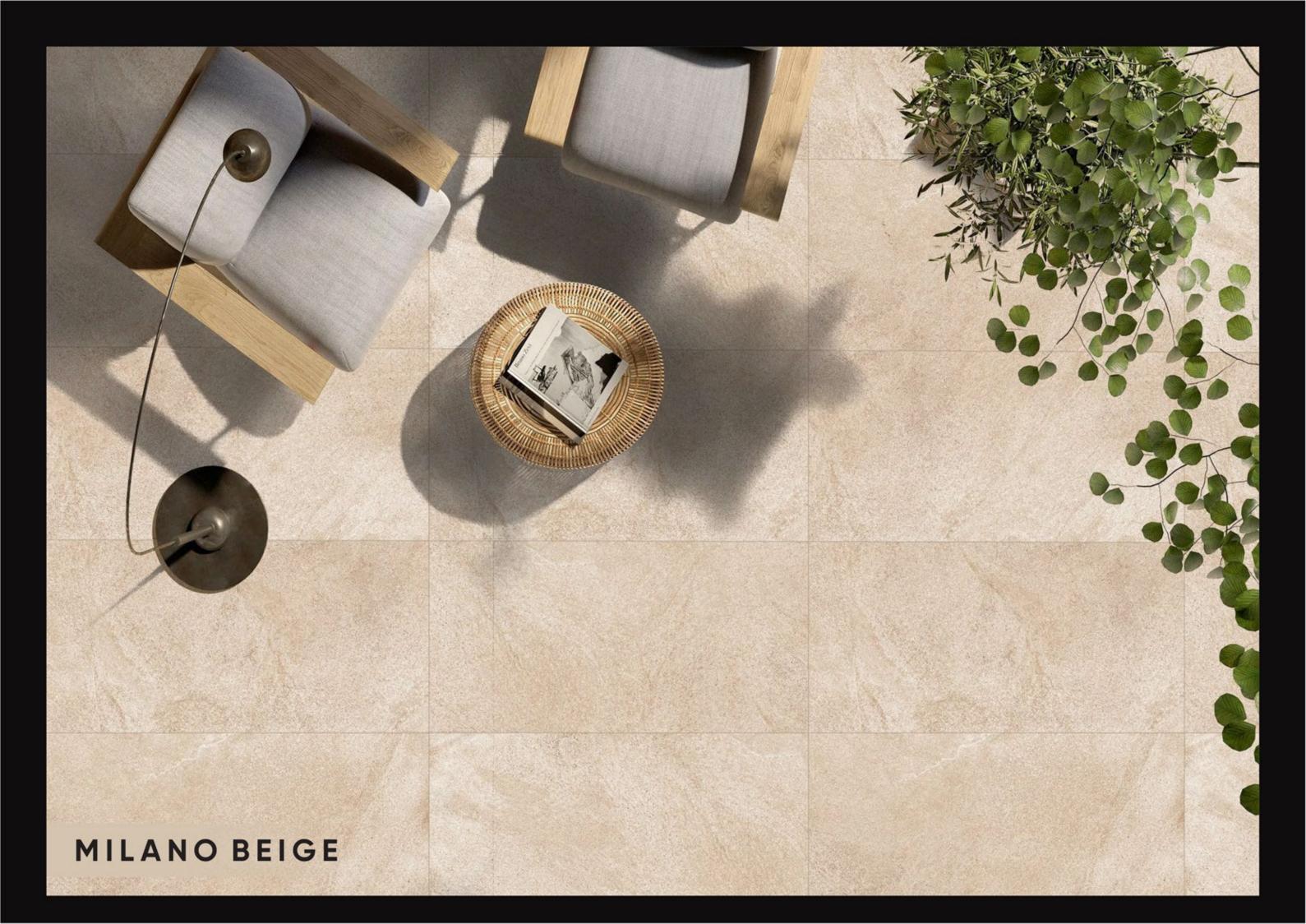
Unmatched Brilliance Of Style



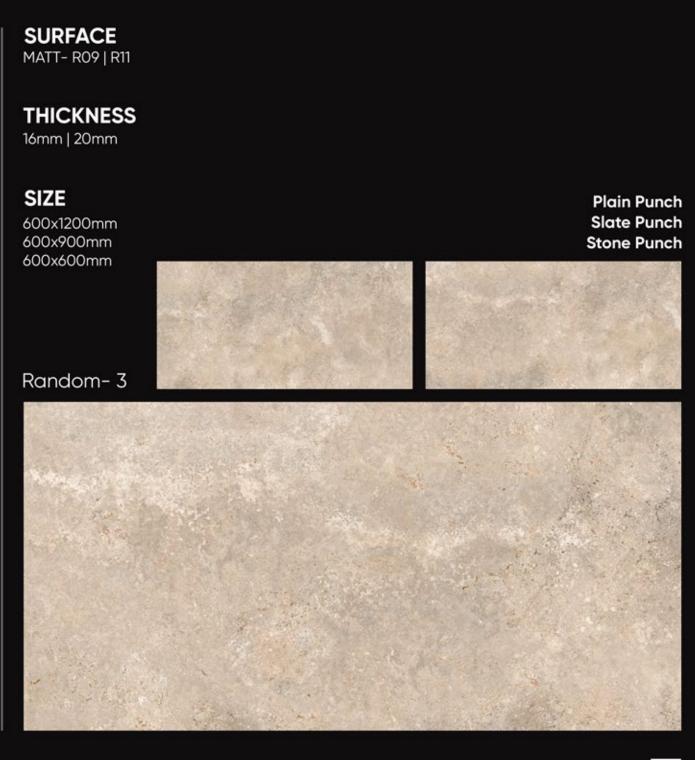
MILANO BEIGE



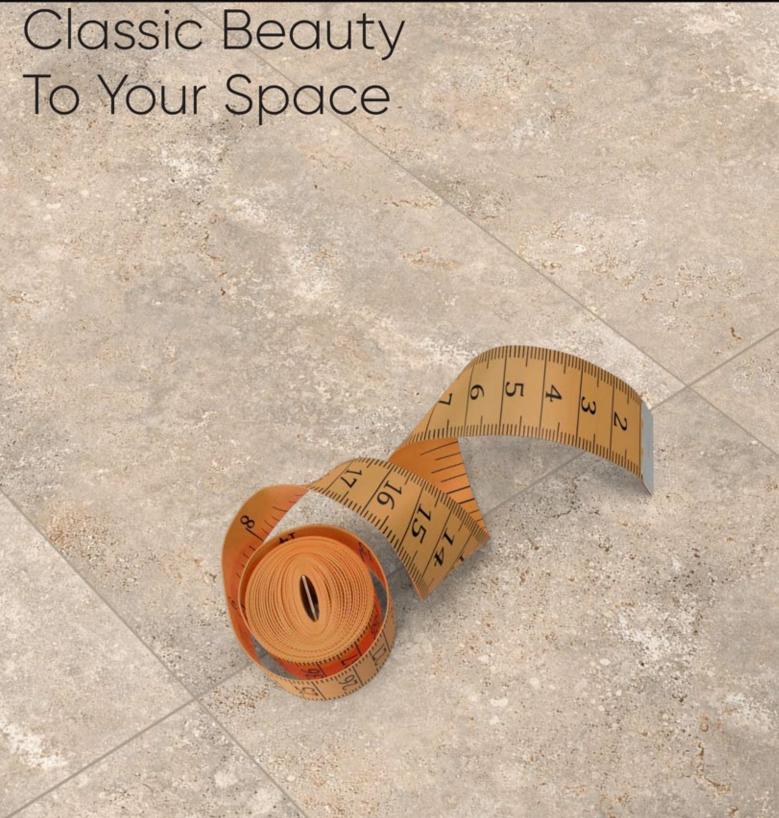




PERTH BEIGE



Bring Class

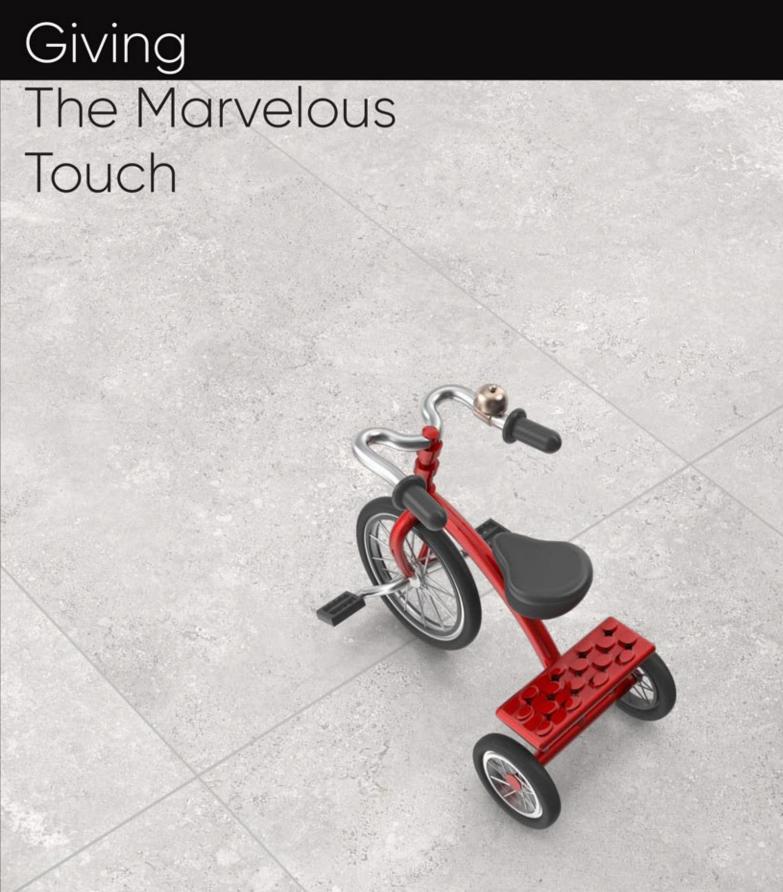






PERTH BIANCO

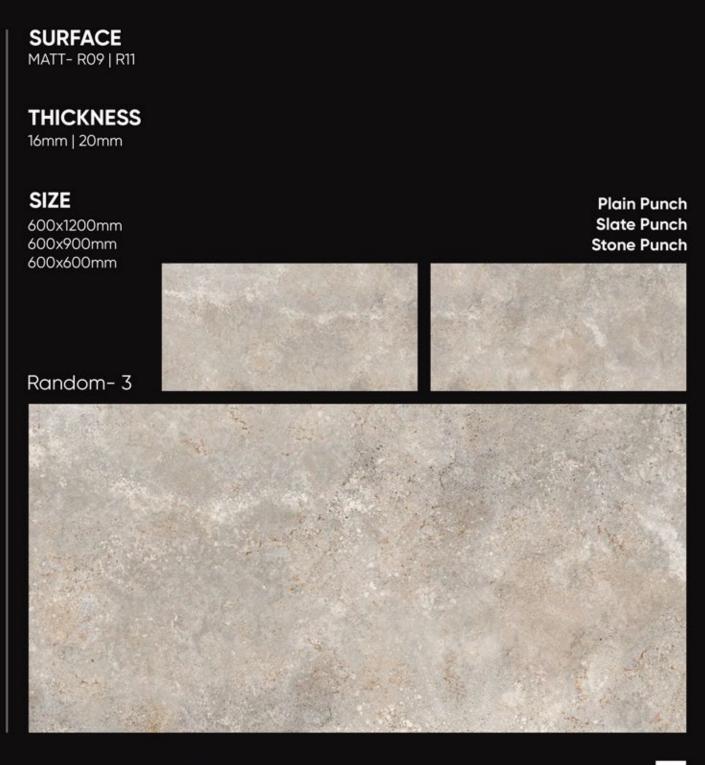




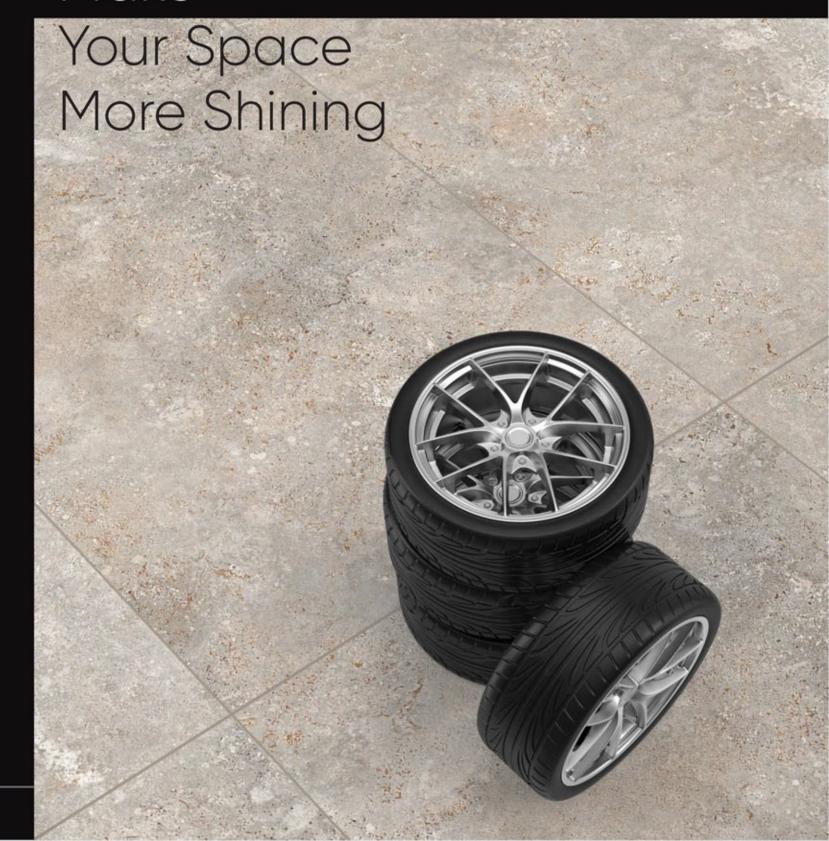


PERTH CHOKO

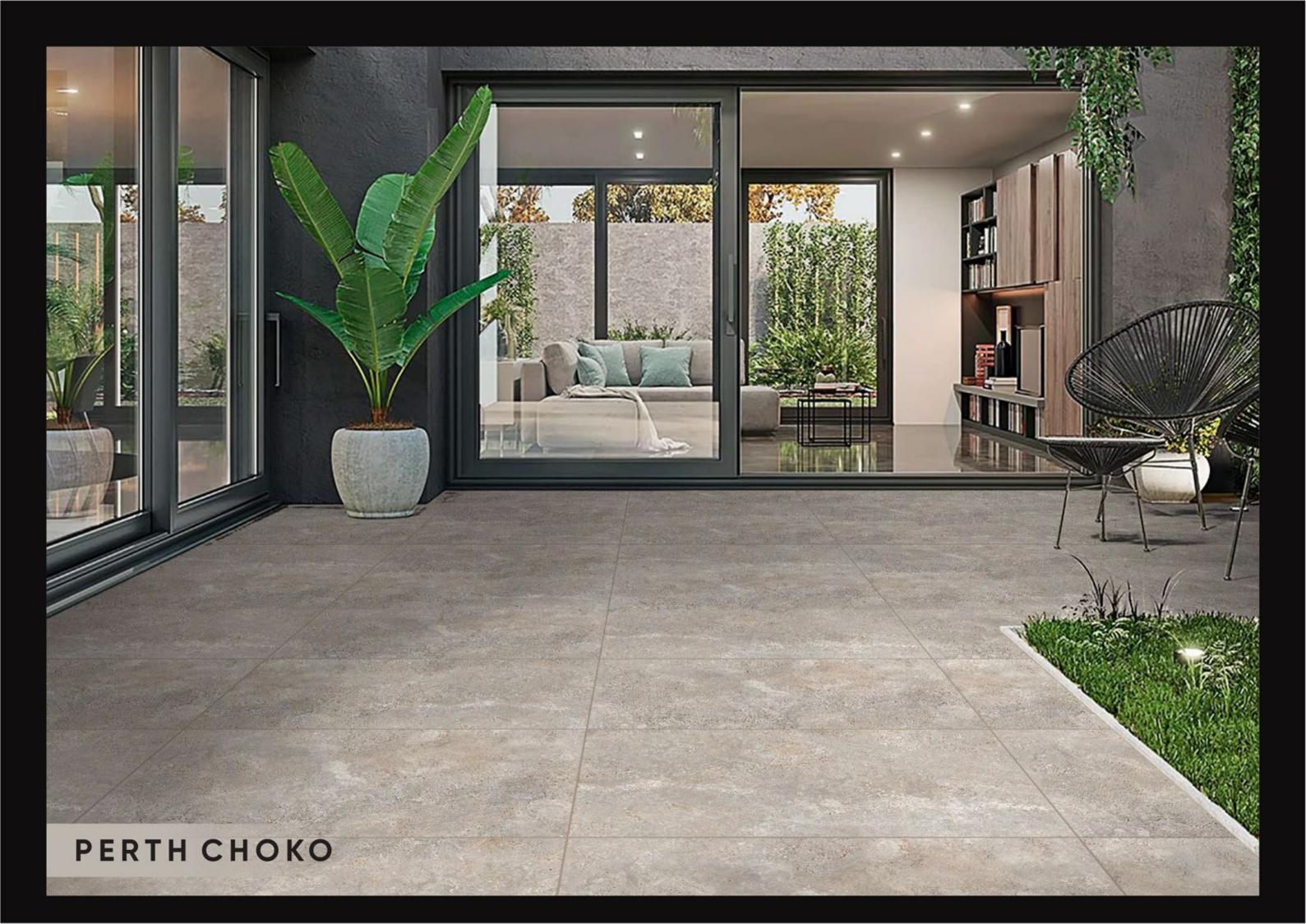
<u>♣</u> <u>♣</u> <u>\$</u>



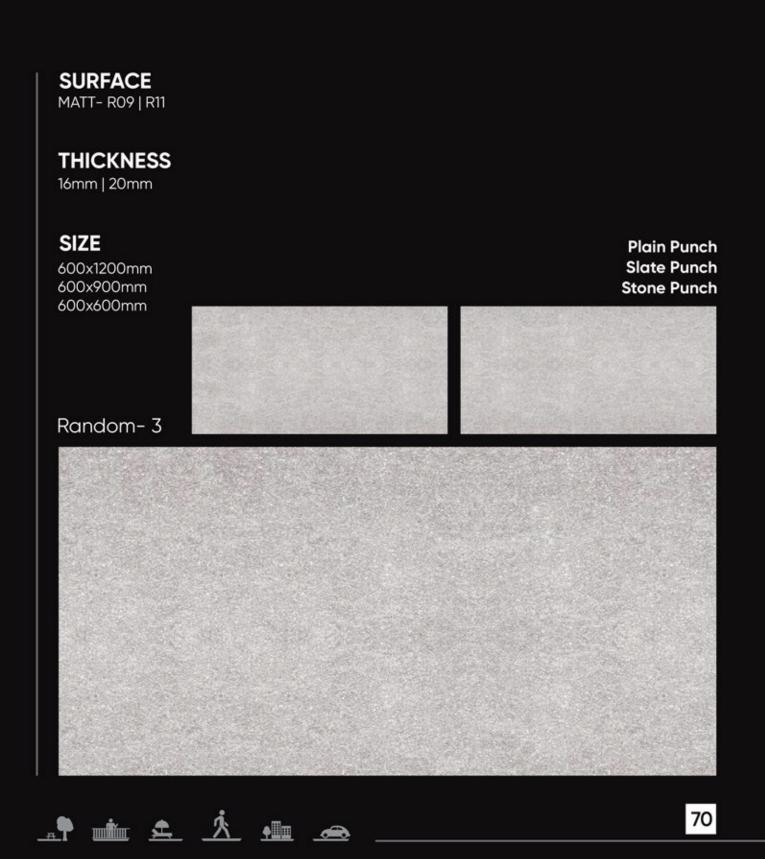
Make







PORTO GREY



Revolutionize

Your Decor With The Regal Magnificence





POZZOLANA BURLY



THICKNESS

16mm | 20mm

SIZE

600x1200mm 600x900mm 600x600mm

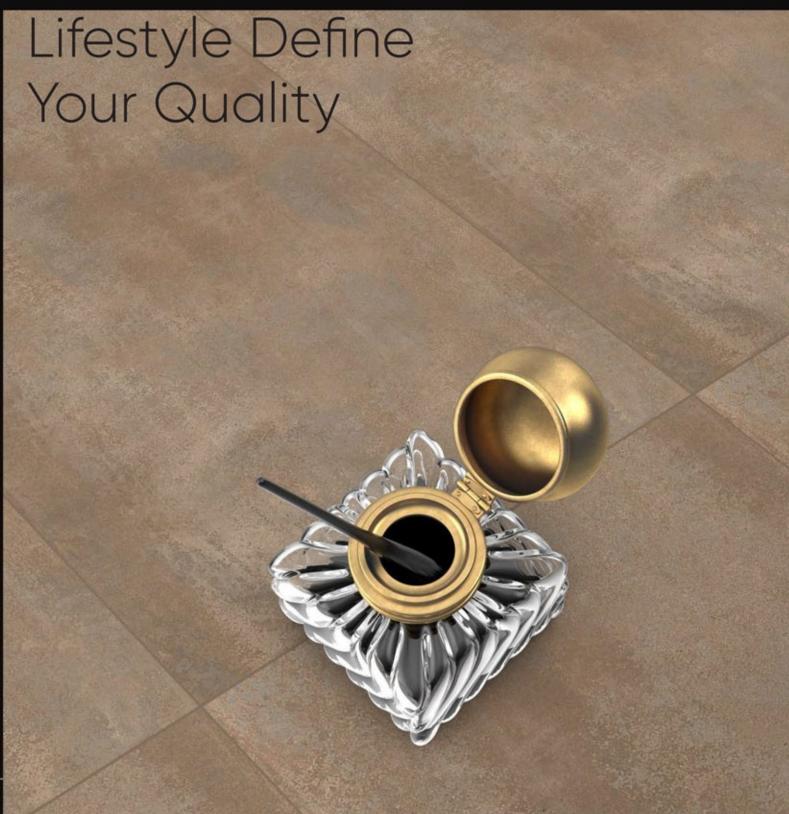
Random-1





Plain Punch Slate Punch

Your





POZZOLANA GREY

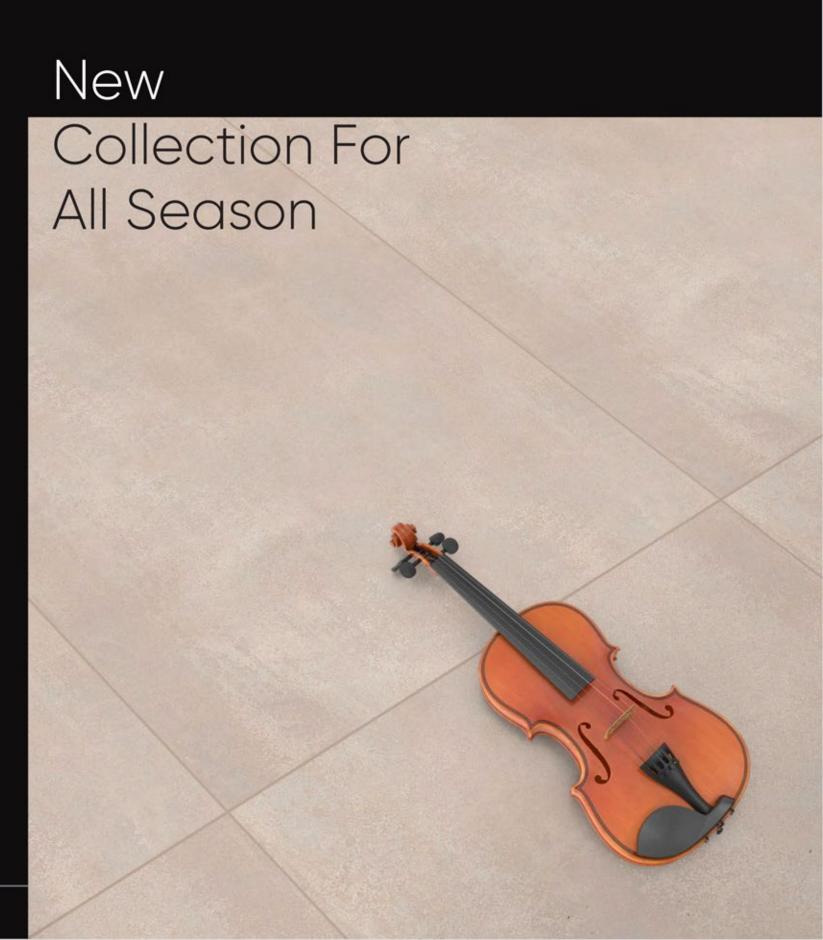


The Charm Of Your Imagination



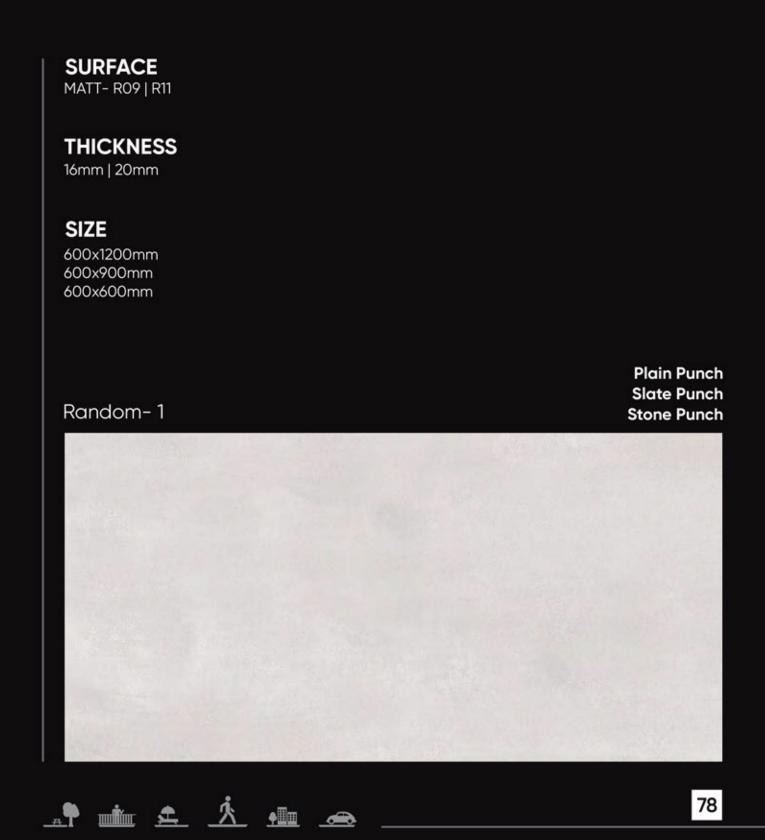
POZZOLANA MARRON

SURFACE MATT- R09 | R11 **THICKNESS** 16mm | 20mm SIZE 600x1200mm 600x900mm 600x600mm **Plain Punch Slate Punch** Random-1 **Stone Punch** 76





POZZOLANA SMOKE

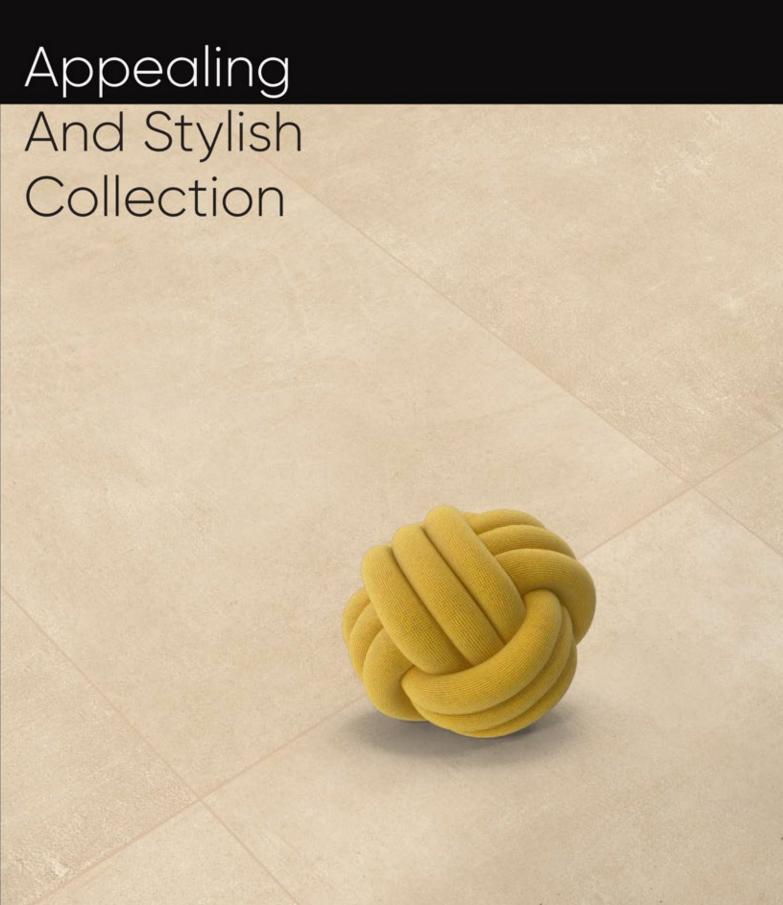


New Collection For All Season



ROCK BEIGE







ROCK BIANCO



Add Some Sparks For Your Elegance Style



ROCK BROWN



Perfect

For Your Living Style

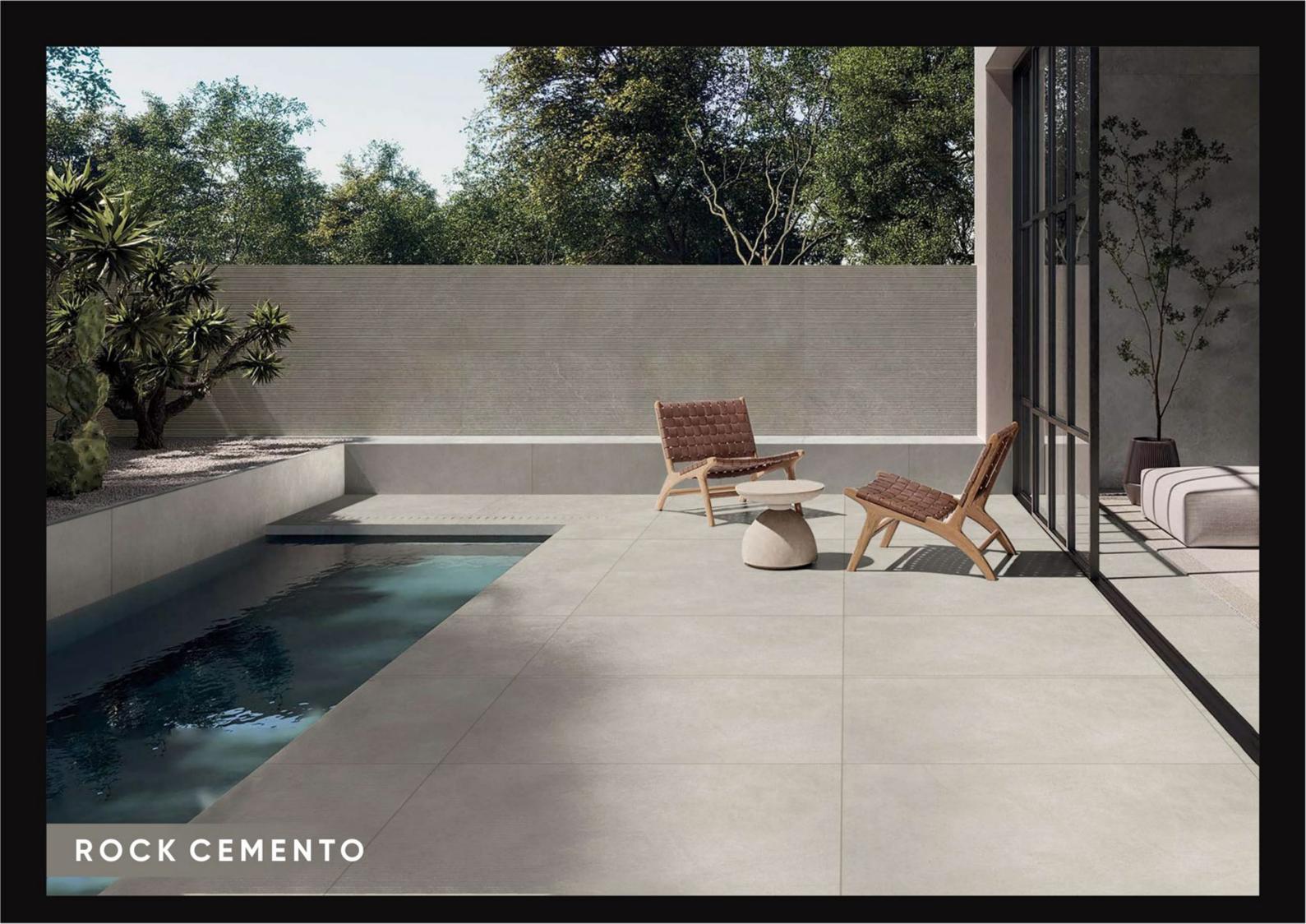




ROCK CEMENTO



Creation And Imagination Together



ROCK GRIS



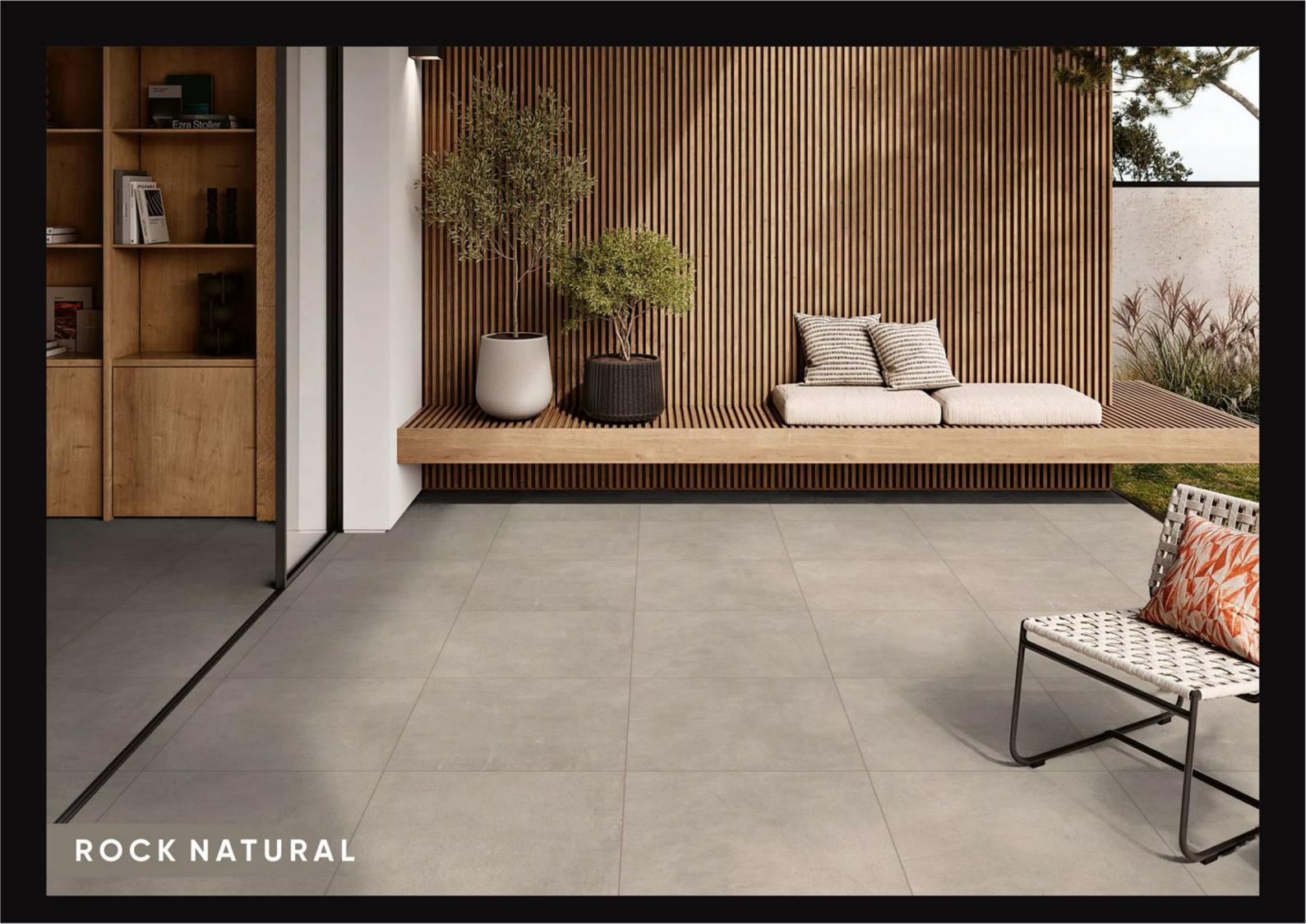
Create Some Simplicity Style



ROCK NATURAL



Collection Of New Innovation Style



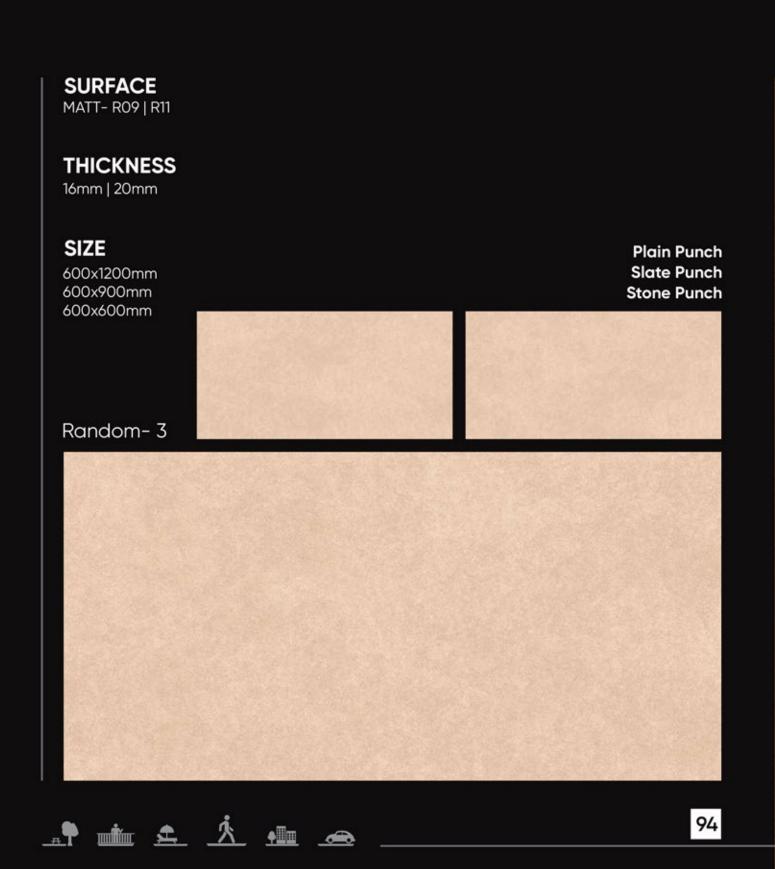
ROCK TAUPE



The Charm Of Living Style



ROME BEIGE

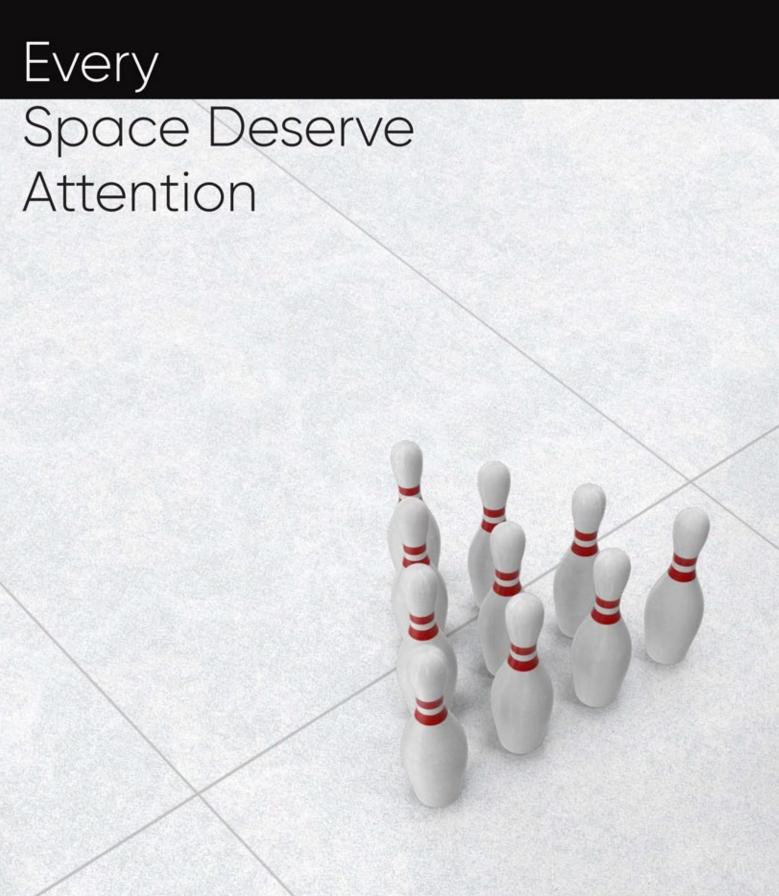


Attitude Is A Part Of Every Day



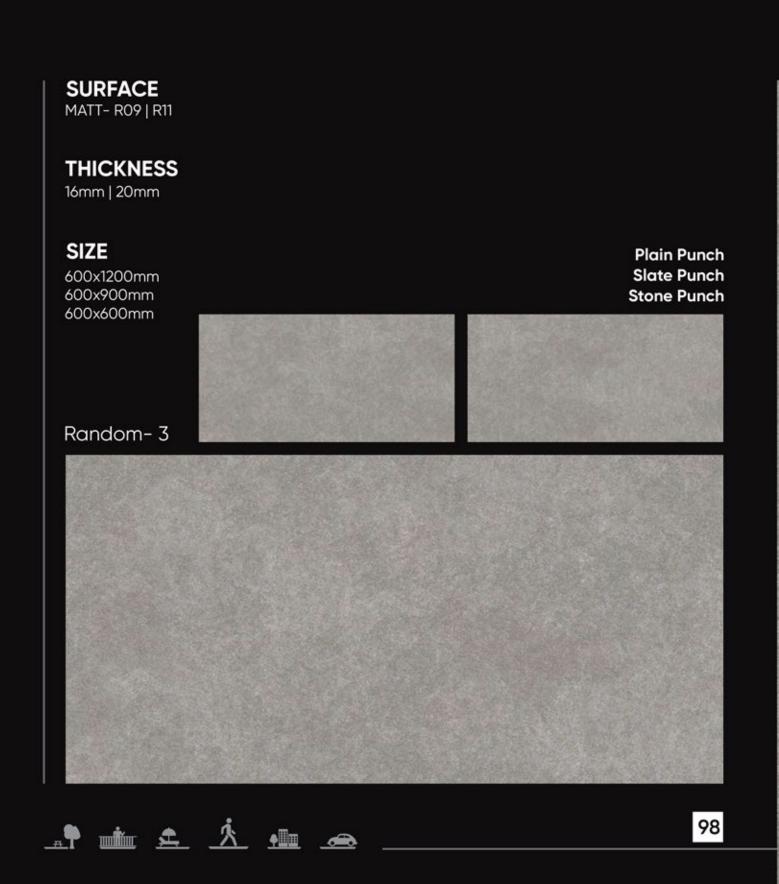
ROME BIANCO







ROME DARK GREY



Create Something Unique

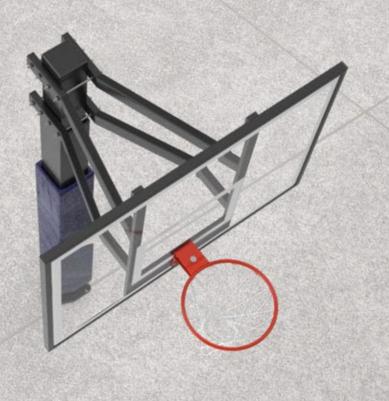


ROME LIGHT GREY



Same

Comfort New Look





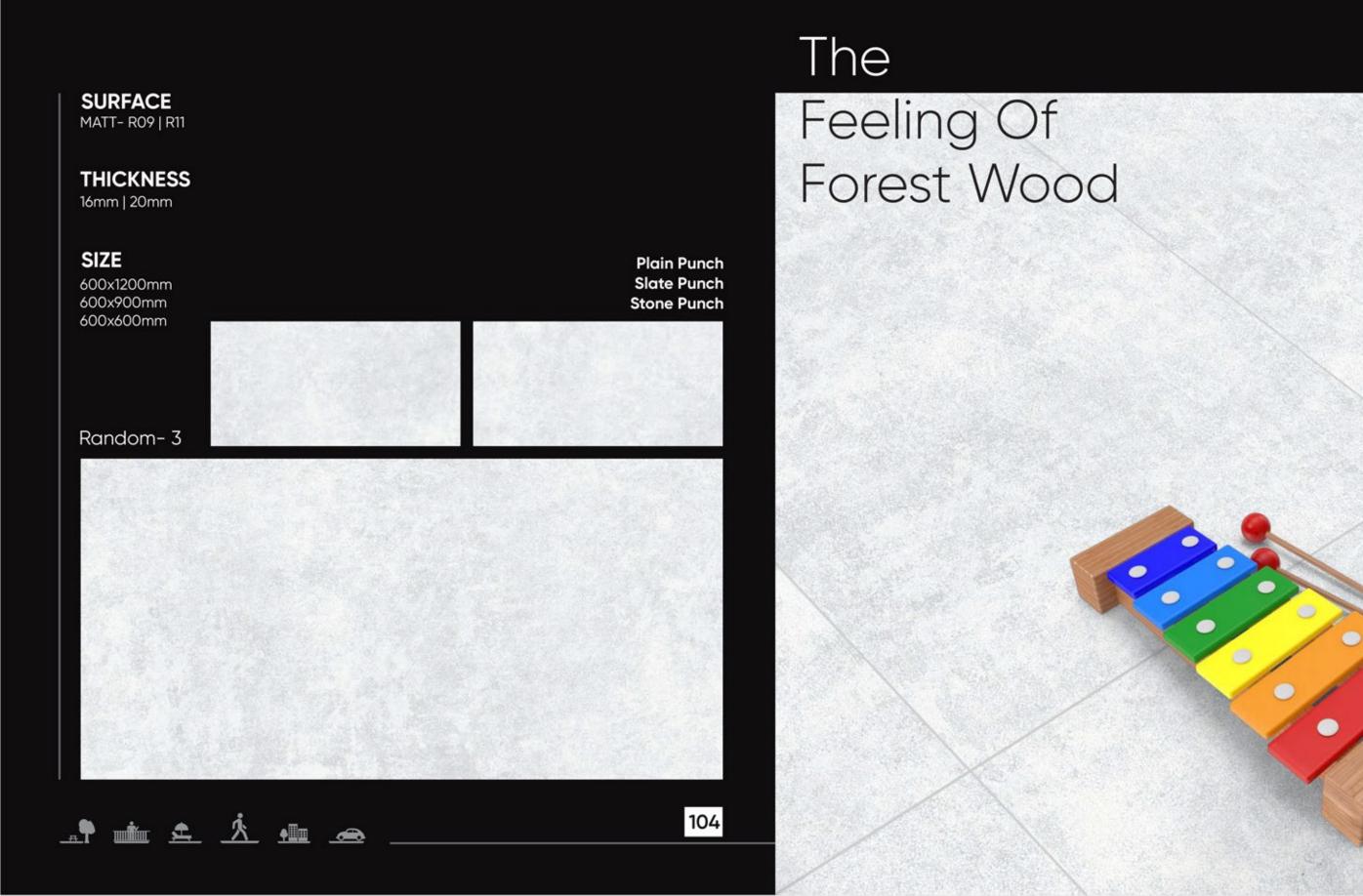
SWISS DARK



Say Yes To Your Stylish Look



SWISS LIGHT





VENICE BIANCO



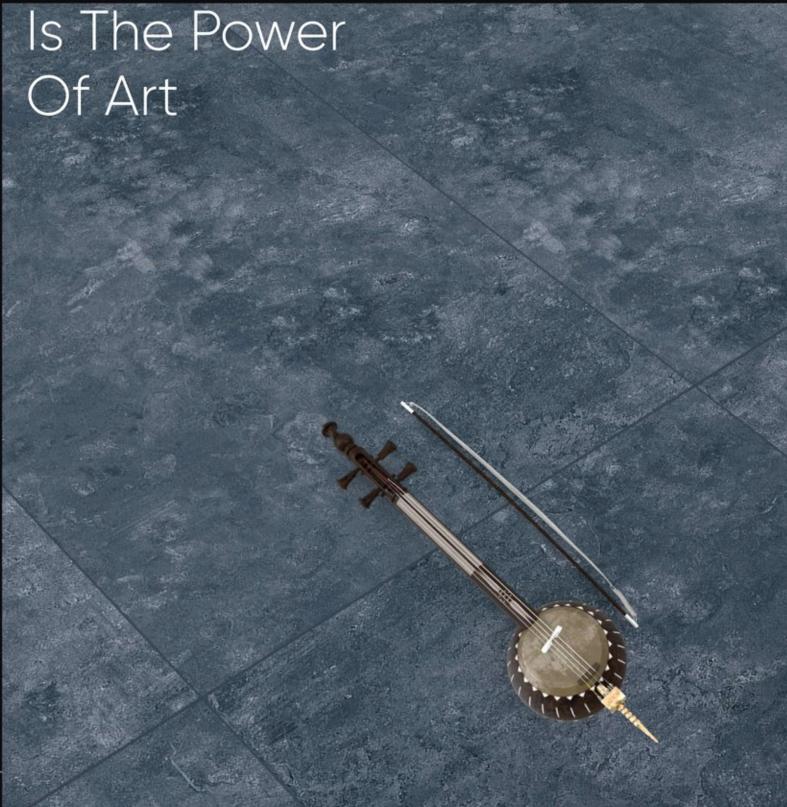
Live With Adorable Space



VENICE BLUE



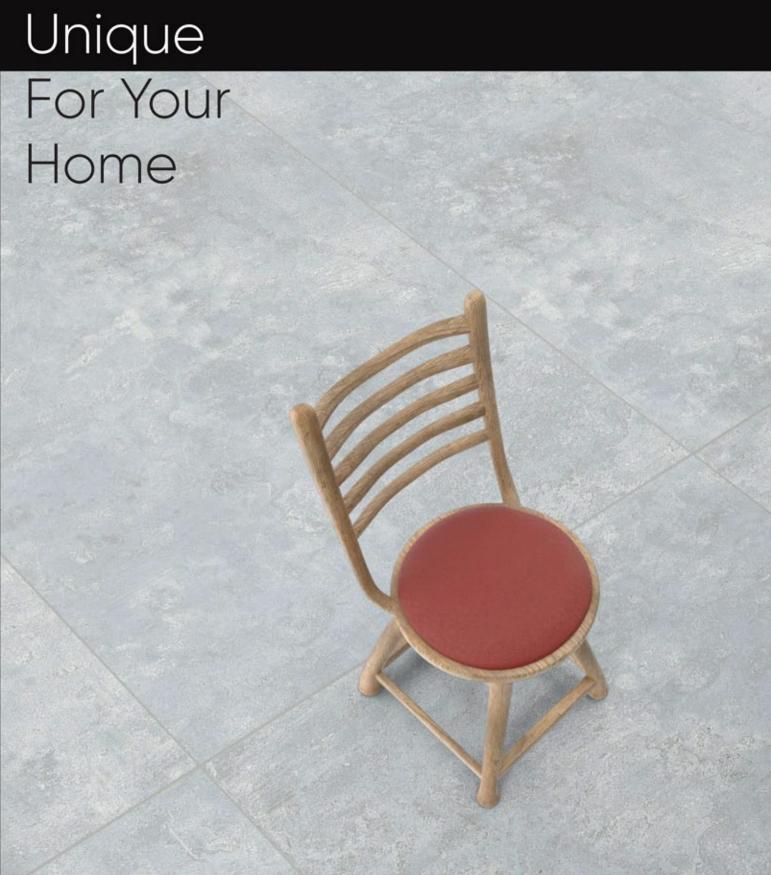
Creation





VENICE GREEN



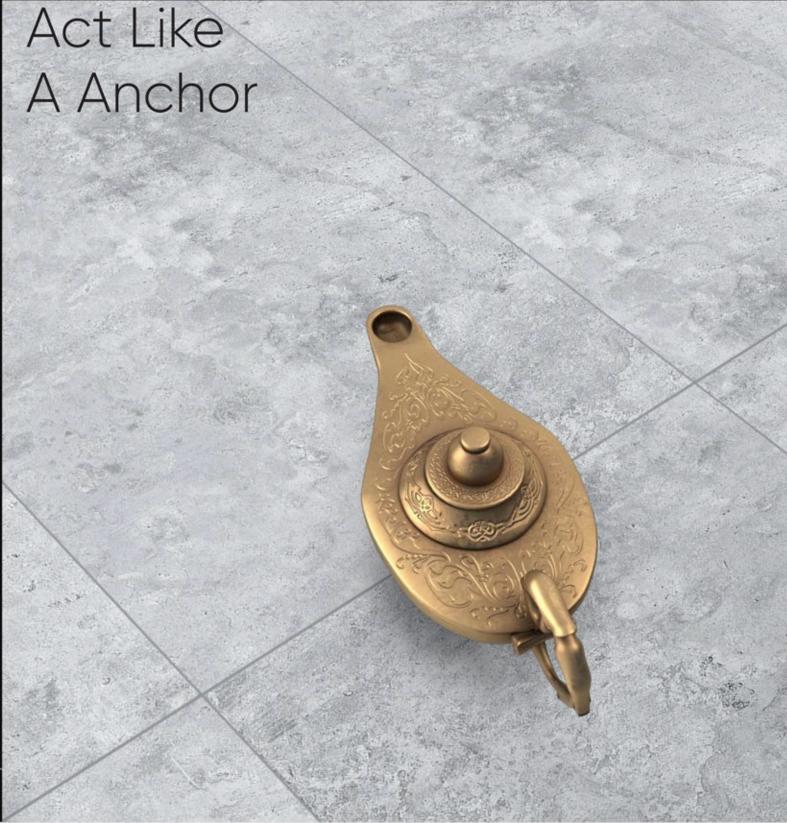




VENICE GREY



Class





VIENNA SILK

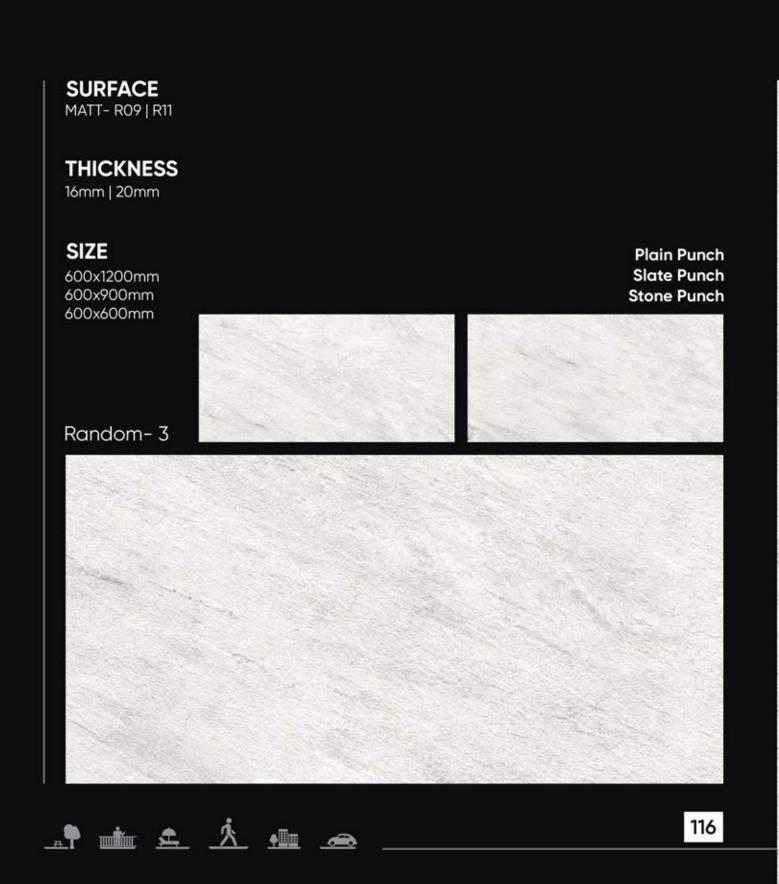


The Best





VOLGA BIANCO

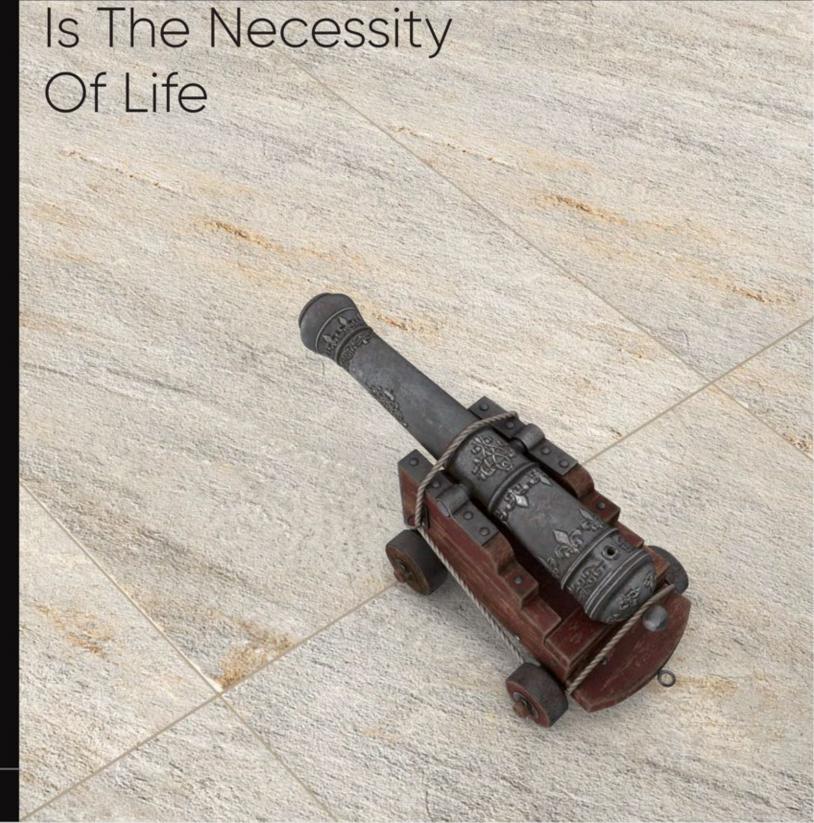




VOLGA SILK



Stone





HAMMER STONE BEIGE





LAVA STONE





QUARTZ GREY







QUARTZ WHITE





SHERPA BEIGE





SHERPA GREY





PORCELAIN TILES

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 longlasting durability.

VERSATILE



Easy To Lay, Remove And Reuse



Stable Over Time



Indoor Flooring





Attention To Detail





Can Be Installed With Different Laying Systems

RESISTANT



Frost-Resistant



Fire-proof



Resistant To Stains, Chemical Agents



Resistant To Salt



Resistant To Salt



To Heavy Load



High Resistance To Thermal Shock

FUNCTIONAL



Non-slip Surfaces



Resistant To Vehicular Passage



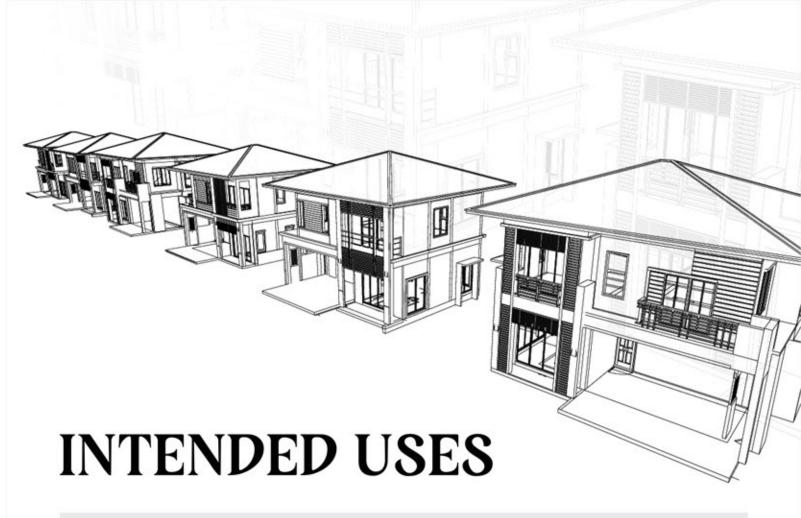
ECO-FRIENDLY

ECO-FRIENDLY



Eco-friendly

Leed Compliant

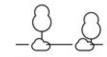


PORCELAIN STONEWARE TILE 20MM FOR OUTDOOR FLOORING

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.

OUTDOOR

PORCELAIN TILES



1 DRIVEWAYS AND PATHWAYS



(2) SWIMMING POOLS, SPAS AND ADJOINING AREAS



(3) URBAN FURNITURE AND PUBLIC PLACES



4 HIGH-TRAFFIC INDUSTRIAL ZONES



(6) TERRACES AND



7 CAR PARKS AND DRIVEWAY AREAS



OTHER APPLICATION SOLUTIONS

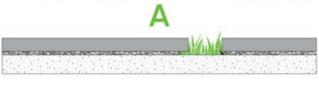
PORCELAIN TILES

LAYING SOLUTIONS

Outdoor Porcelain 20mm Tiles Are 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.

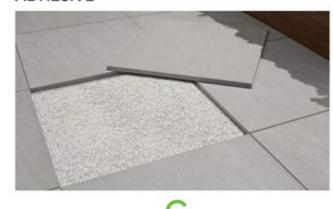
DRY INSTALLATION ON GRASS





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

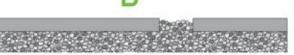
INSTALLATION ON SCREED WITH **ADHESIVE**



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

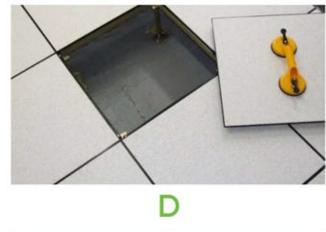
DRY INSTALLATION ON GRAVEL / SAND





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

ELEVATED FLOOR INSTALLATION





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

CAUTION

screed with adhesive.

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

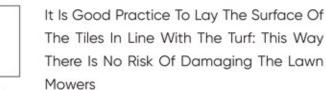
RESISTANT











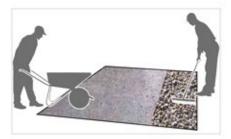


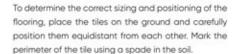
SAFE AND STABLE LONG-LASTING

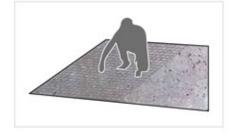
EASY TO CLEAN

DRAINS

Outdoor 20mm Porcelain Our Tile Gravel Ø 4/8mm (5/8cm thickness)







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

CAUTION -

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PORCELAIN TILES

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.



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DRY INSTALLATION ON GRAVEL / SAND

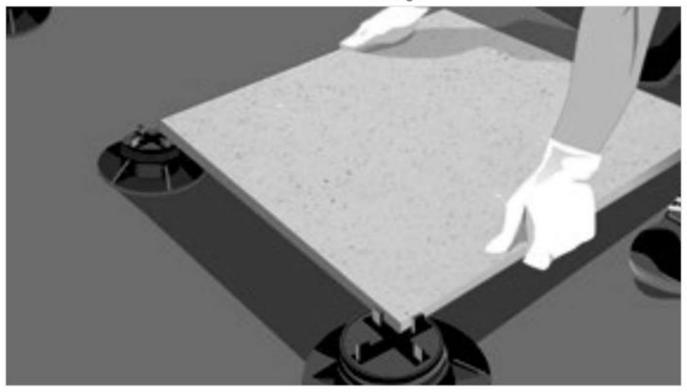
In Order To Avoid The Displacement Of The Substrate And Consequently The Tiles, The Substrate Must Be Partitioned With Containment Edges Or Perimeter Curbs.



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



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.

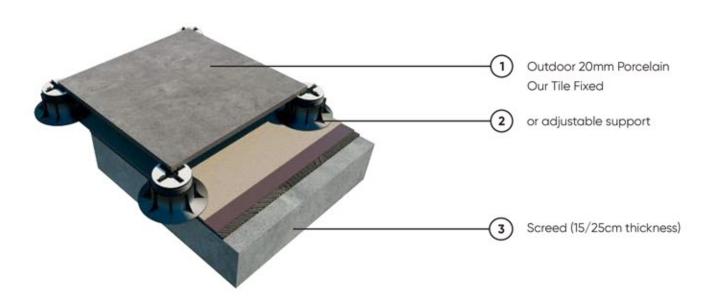


Spacers designed for laying tiles on sand or gravel are an extremely versatile and practical system despite their simplicity. The support is made up of a head with a spacer cross and a removable tip: the fins of the head cross help position the tiles and create the joint between them, ensuring that over 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.

PORCELAIN TILES

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 weight that burdens the structures, while offering a high resistance to loads.



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.

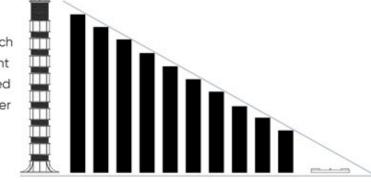
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ELEVATED FLOOR INSTALLATION - SUPPORTS

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° .





They are made entirely of recycled and recyclable material



Resistant to both acidic and alkaline solutions



Resistant to both acidic and alkaline solutions



Resistant to temperatures of between -30 °C and +120°C



Made of polypropylene



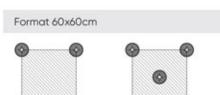
Resistant to the crushing test with a load superior to 1 tonne



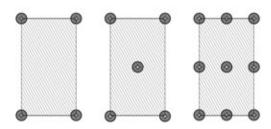
Noise reduction of up to 25dB

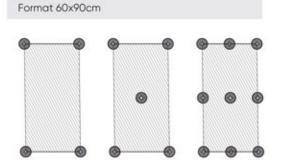


Possibility of using supports made with self-extinguishing material, which prevents the propagation of flames







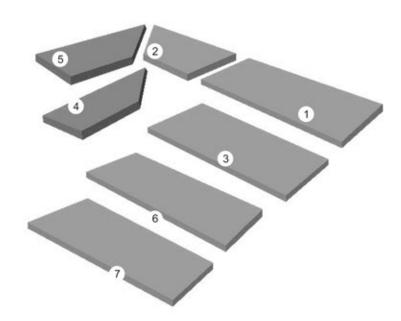


PORCELAIN TILES

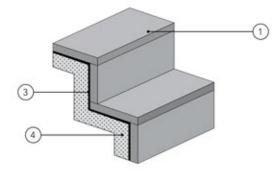
SPECIAL ELEMENTS

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 Right corner grid
- 7 Left corner grid

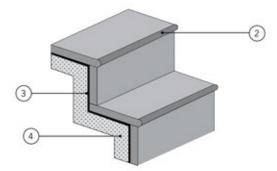


STAIR TILE WITH STRAIGHT EDGE

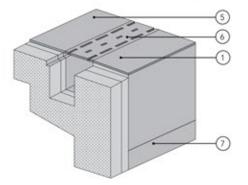


- 1) Stair tile with straight edge
- 2 Stair tile with rounded edge
- 3 Adhesiv
- 4 Screed
- 5 Flooring
- 6 Grid
- 7 Swimming pool covering

STAIR TILE WITH ROUNDED EDGE



SWIMMING POOL EDGE



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TECHNICAL DETAILS

TEST DESCRIPTION	ISO-13006/EN176 GROUP BIA	MEAN VALUE OF OUR	TEST METHOD	
Length & width	±0.6 %	±0.3mm	Passed	
thickness	±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/mm ²	> 40N/mm²	Passed	
Scratch hardess of surface (Moh's scale)	> 6	> 6	Passed	
Resistance to deep abrasion	<175mm ³	<144mm³	Passed	
Skid Resistance (Friction coefficient)	>0.4	>0.4	Passed	
Bulk Density, in (g/cc)	>2	>2	Passed	
inear Thermal expansion	Max. 9.0 ⁻⁴ x K ⁻⁶ , Max	Max. 9.0 ⁻⁶ x K ⁻⁶ , Max	Passed	
Thermal shock resistance	No damage	No damage	Passed	
rost 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 (OUTDOOR):-

SIZE	BOX WEIGHT	PCS/BOX	SQM/BOX	SQFT/BOX	BOX/PALLET	PALLET/CTN	BOXES/CTN	TOTAL SQM/CTN	CTN WEIGHT (KG)
600x1200mm (20mm)	32.5	1	0.72	7.75	30	28	840	604.8	28000
600x900mm (20mm)	24.5	1	0.54	5.81	40	28	1120	604.8	28000
600X600 (20mm)	32	2	0.72	7.75	36	24	864	622.08	28000
600x1200mm (16mm)	25.5	1	0.72	7.75	70 & 34	12 & 7	1078	776.16	28000
600x900mm (16mm)	-	-	-	-	-	-		0.00	
600X600mm (16mm)	25.5	2	0.72	7.75	40	27	1080	777.6	28000

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