POLOGRES TILES
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SPC 02.26

STONETECH 2.0

PREMIUM PORCELAIN PAVERS

About us

Tradition & Experience:

PoloGres is a leading manufacturer of porcelain tiles. Established in the last century, the company has continuously adapted and modernized to remain at the forefront of the ceramic industry. With over 35 years of unparalleled experience in the world of ceramics, PoloGres combines innovation and industry expertise to create products that are technically advanced, environmentally friendly, and aesthetically world-class.

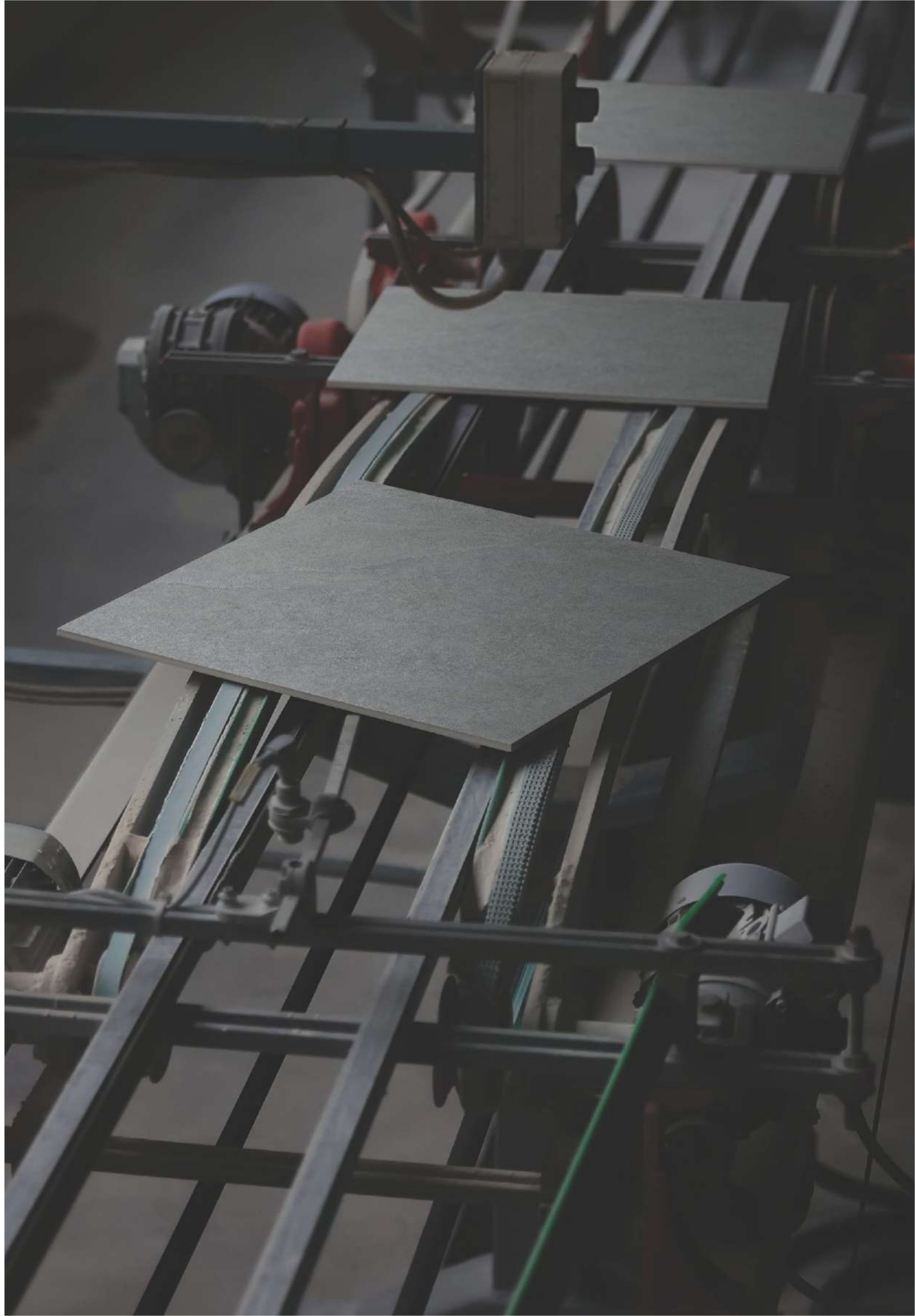
Quality:

All our pieces are subjected to rigorous controls of quality throughout the production process. They are tested, among other things, mechanical and thermal shock resistance, and the chemical resistance of the glazing, the purity of its components and the stability of its forms. In short, an integral quality control, from the selection of clays to the final packaging to ensure that the product is the perfect condition.

Future and Innovation:

Since the beginning we have been committed to innovation in production processes without losing our traditional character. PoloGres has facilities adapted to meet the needs of an increasingly professional and demanding market. Our R & D team is constantly researching to generate products that offer high-end technical and aesthetic features. Our project for the future is a clear commitment to face the new challenges that the market demands in terms of sustainable architecture.

STONETECH 2.0
PREMIUM PORCELAIN PAVERS



Size Board

Stonetech 2.0 brings all the potential of the 20MM collection to life in 3 different sizes, to guarantee maximum freedom of expression and engineering safety.

600x1200mm
60x120cm / 24"x48"

600x900mm
60x90cm / 24"x36"

600x600mm
60x60cm / 24"x24"

The go-to collection for new design trends in contemporary exteriors.

STONETECH 2.0
PREMIUM PORCELAIN PAVERS



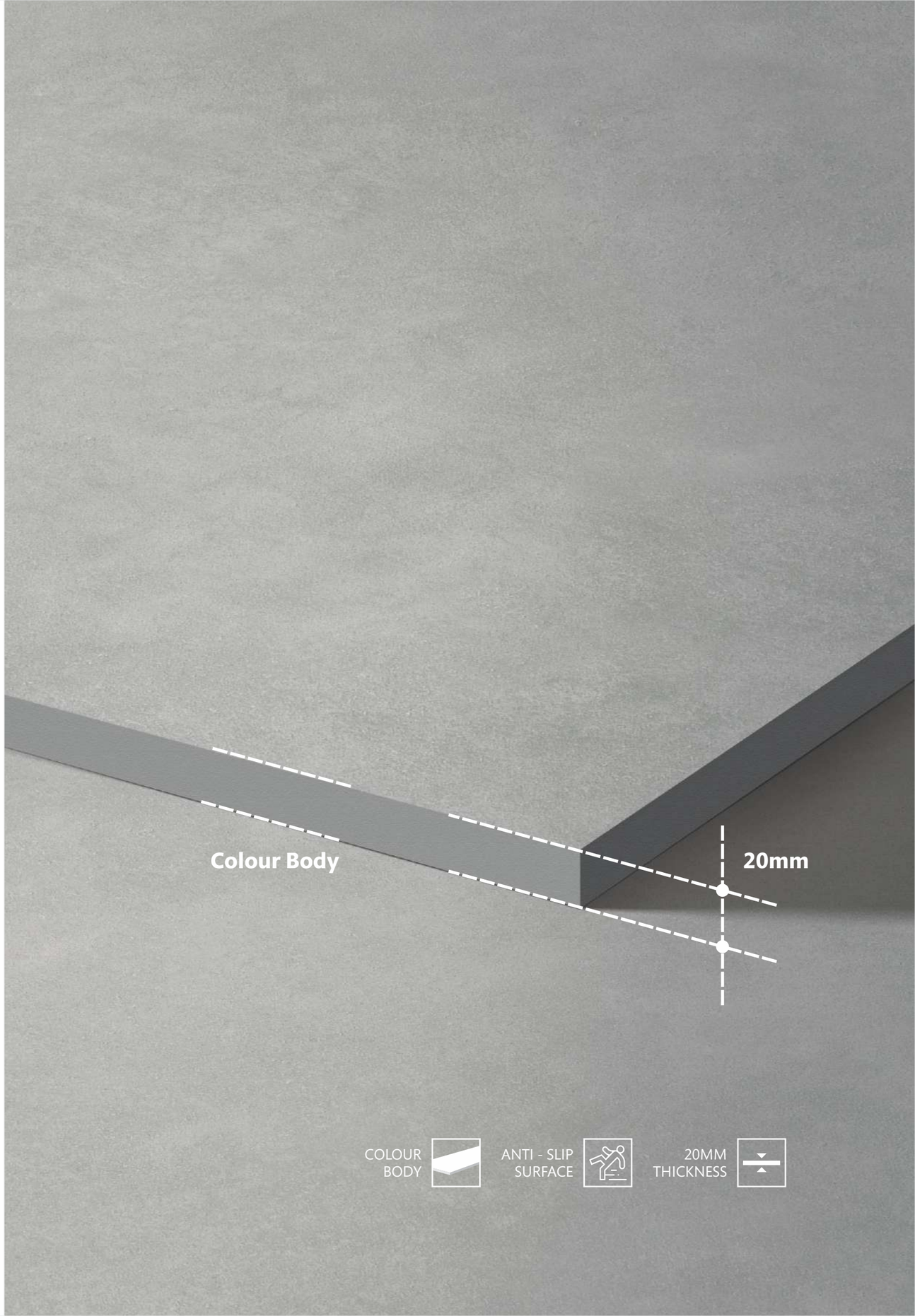
Extreme Outdoor Surfaces

Introducing Stonetech 2.0, the ultimate choice for outdoor surfaces. With its 20mm thickness, these porcelain pavers offer unmatched durability and are resistant to thermal shock, ensuring they withstand extreme weather conditions. Designed with anti-slip technology, they provide a safe and secure surface even when wet. Plus, their UV resistance ensures lasting colour vibrancy, making them a perfect blend of style and strength for any exterior space.

- Lowest Maintenance
- Resistant to Chemicals
- Easy to Clean
- Resistant to Thermal Shock
- 100% Waterproof
- Stain Resistant
- Hygienic Surface
- UV Resistant
- Frost Resistant
- Anti - Slip Surface
- High Durability
- Scratch Resistant
- Fire Resistant
- Impact Resistant
- Resistant to Bending
- Natural and Recyclable

STONETECH 2.0

PREMIUM PORCELAIN PAVERS

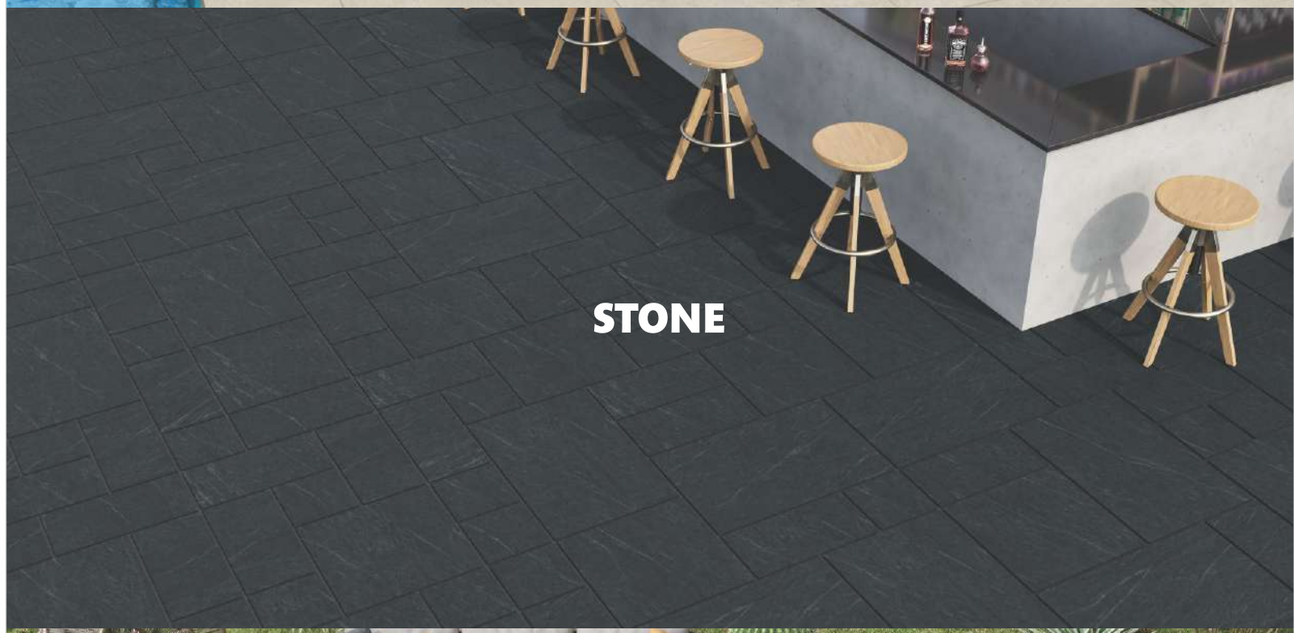


Look Board

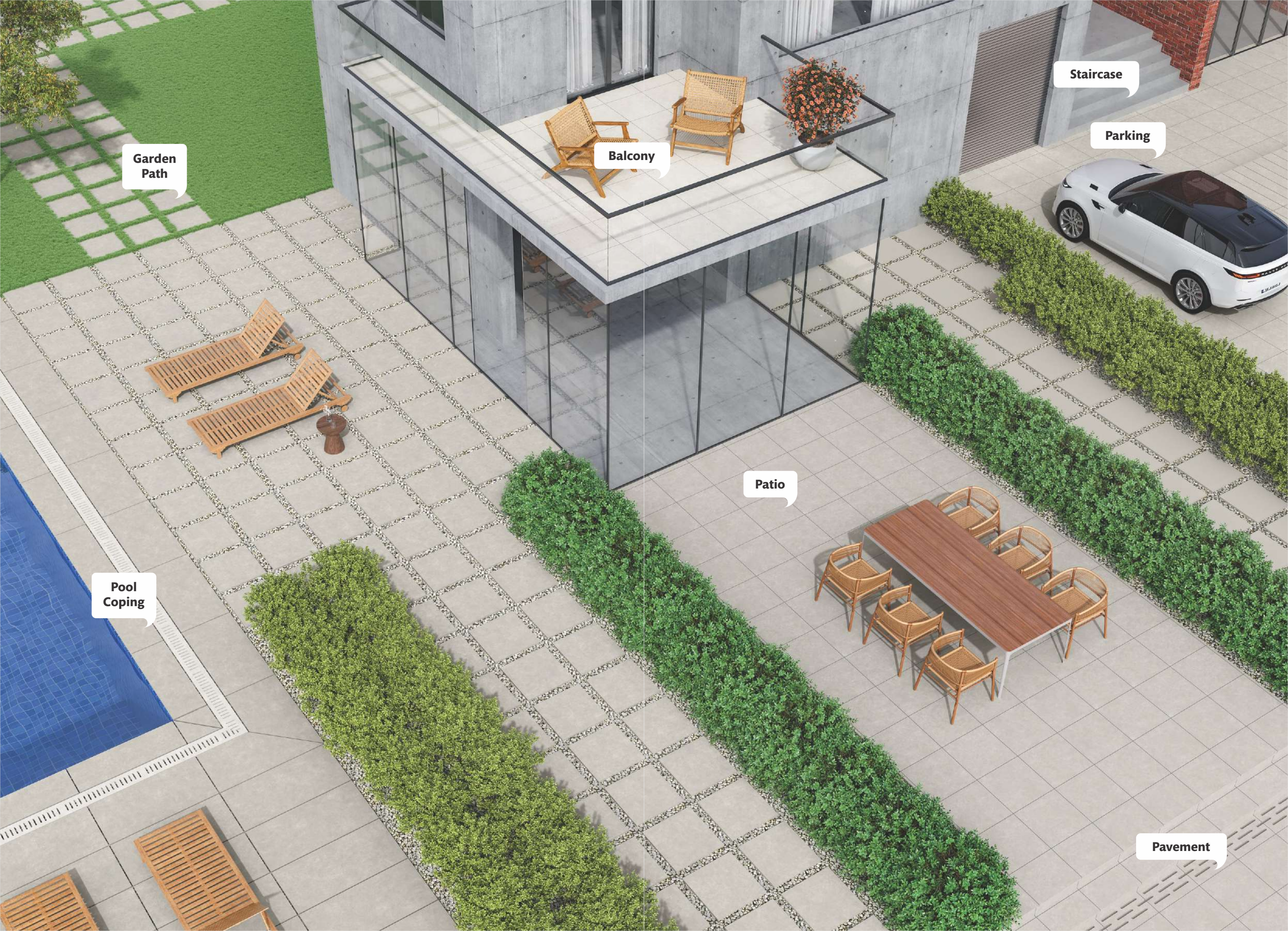
Our desire to reconnect with nature drives us to constantly research and develop new patterns. Multicoloured or minimalist stones, pale and golden woods, concrete effects, and delicate colours play the star role in what has become a popular trend: outdoor spaces that offer well-being and a lifestyle to be savoured.

STONETECH 2.0
PREMIUM PORCELAIN PAVERS








Garden Path
Balcony
Staircase
Parking
Pool Coping
Patio
Pavement

The Laying Possibilities Of 20mm
Porcelain Pavers

Grass Substrates: Simply trace the slab outline, excavate up to 3 cm, and apply a gravel layer for drainage. Then, install the slabs, ensuring the surface in level.

Gravel Substrates: For an easy and visually striking solution, place the slabs adjacent to each other or create pathways by setting individual slabs onto the gravel. Adding a deeper gravel or pebble layer beneath enhances drainage and stability.

Raised Installation: Position the slabs on supports with a 3mm gap between them after applying waterproofing materials. This setup creates an accessible technical gap beneath the surface for easy inspection.

Sand Substrates: Perfect for coastal areas, Stonetech 2.0's anti-slip and salt-resistant properties make it suitable for use at bathing resorts. The slabs can be embedded in sand as stepping stones or placed closely together. We recommend light colours to minimize overheating and ensure comfortable barefoot walking.

Screed Installation: Insure that pavement is constructed with approximately 2 degree slope and that it is sloped away from any building. For cementitious adhesive and grout installation, refer to the manufacturer's technical instructions and specifically as they relate to outdoor installations.

STONETECH 2.0
PREMIUM PORCELAIN PAVERS







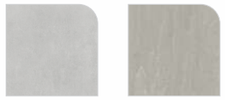




Concrete Look

600x1200mm | 600x900mm | 600x600mm

Industrial



Light | Gray

Pura



Light | Gray

Cemento



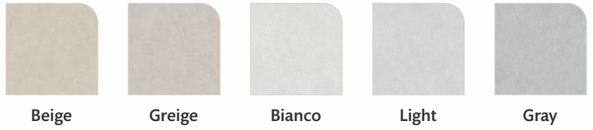
Light | Gray

Cosmo



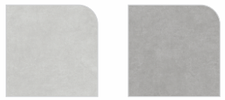
Light | Gray

Focus



Beige | Greige | Bianco | Light | Gray

Space



Light | Gray

Docks



Light | Gray

Stone Look

600x1200mm | 600x900mm | 600x600mm

Emotion



Beige | Pearl | Light | Silver | Gray

Ardesia



Crema | Beige | Bianco | Light | Gray | Nero

Stone Look

600x1200mm | 600x900mm | 600x600mm

Stone



Beige | Bianco | Gray

Nordic



Beige | Natural | Gray

Sand



Light | Gray

Ceppostone



Gray | Nero

Urban



Beige | Light | Gray

Storm



Light | Gray

MyStone



Ivory | Greige | Light | Gray

Tundra



Gray

Durastone



Light | Gray

Cardoso



Crema | Beige | Bianco | Light | Gray | Nero

Stone Look

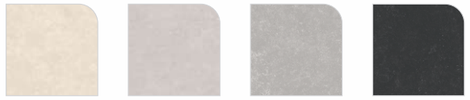
600x1200mm | 600x900mm | 600x600mm

Riverstone



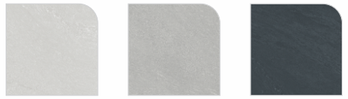
Bianco | Light | Gray | Nero

Bluestone



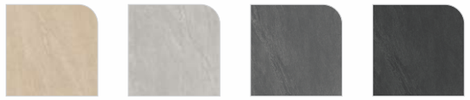
Crema | Light | Gray | Natural

Lithos



Light | Gray | Nero

Rockstone



Crema | Light | Gris | Coal

BayStone



Beige | Gray | Nero

EverStone



Bianco | Gray | Nero

Kandla



Gray

Qstone



Bianco | Light | Gray | Black

Seastone



Beige | Gray | Nero

Wood Look

Oakwood



Maple | Natural | Gray

Layout Description

01 Collection name

02 Design name

03 Design scene

04 Design scene's name & size

05 Graphic description size

06 Graphic description

07 Design colours

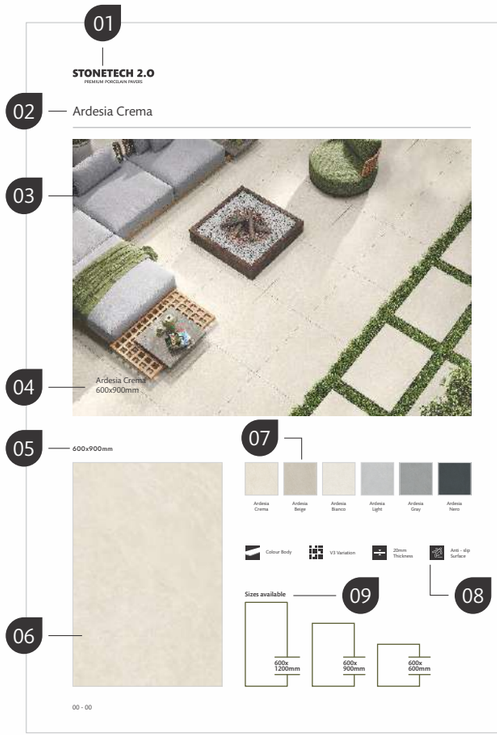
08 Design features

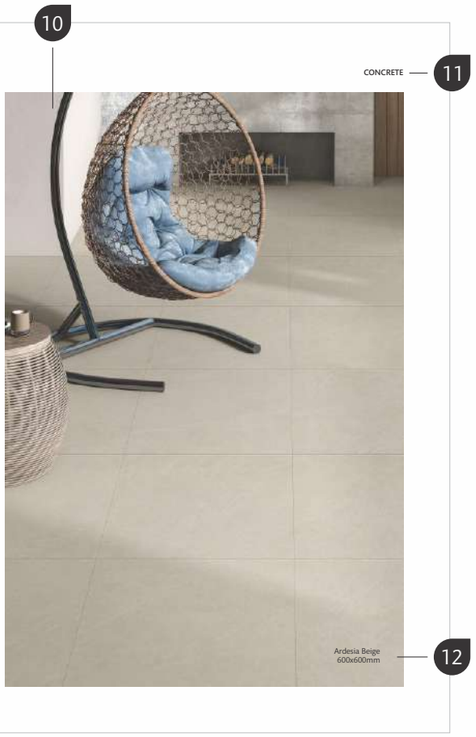
09 Available sizes

10 Design scene

11 Collection inspiration

12 Design scene's name & size





Industrial

Scan here to delve
deeper into the design.

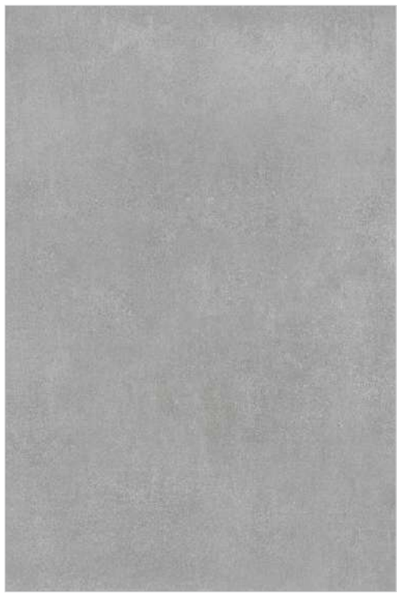


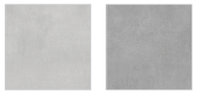
Industrial Gray
600x900mm

Industrial Gray



600x900mm

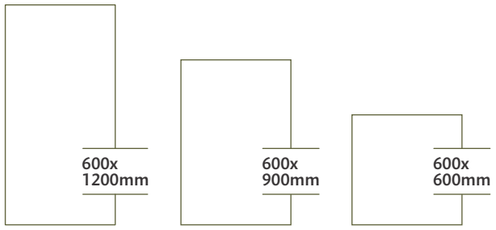




Industrial Light | Industrial Gray

Colour Body | V3 Variation | 20mm Thickness | Anti - slip Surface

Sizes available



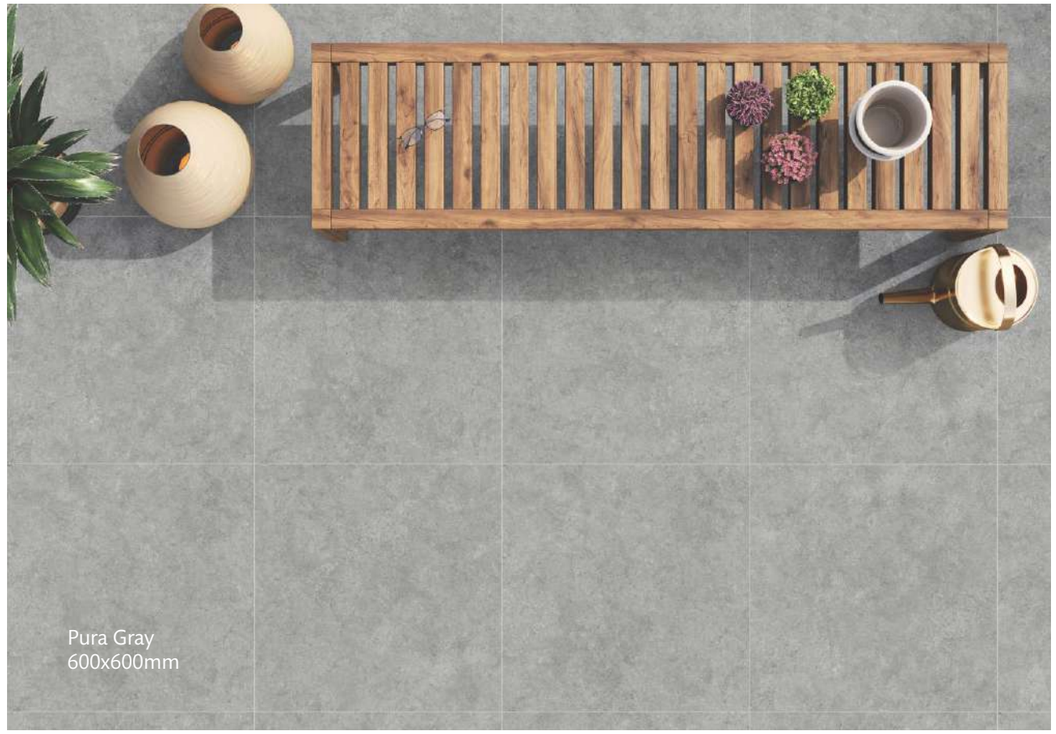


Pura

Scan here to delve
deeper into the design.

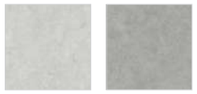
Pura Gray
600x600mm

Pura Gray



600x900mm





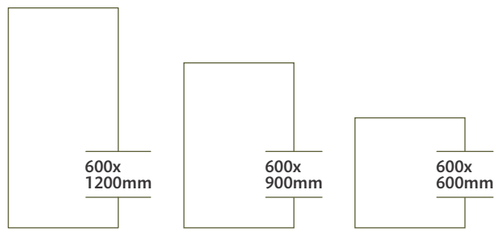
Colour Body

V3 Variation

20mm
Thickness

Anti - slip
Surface

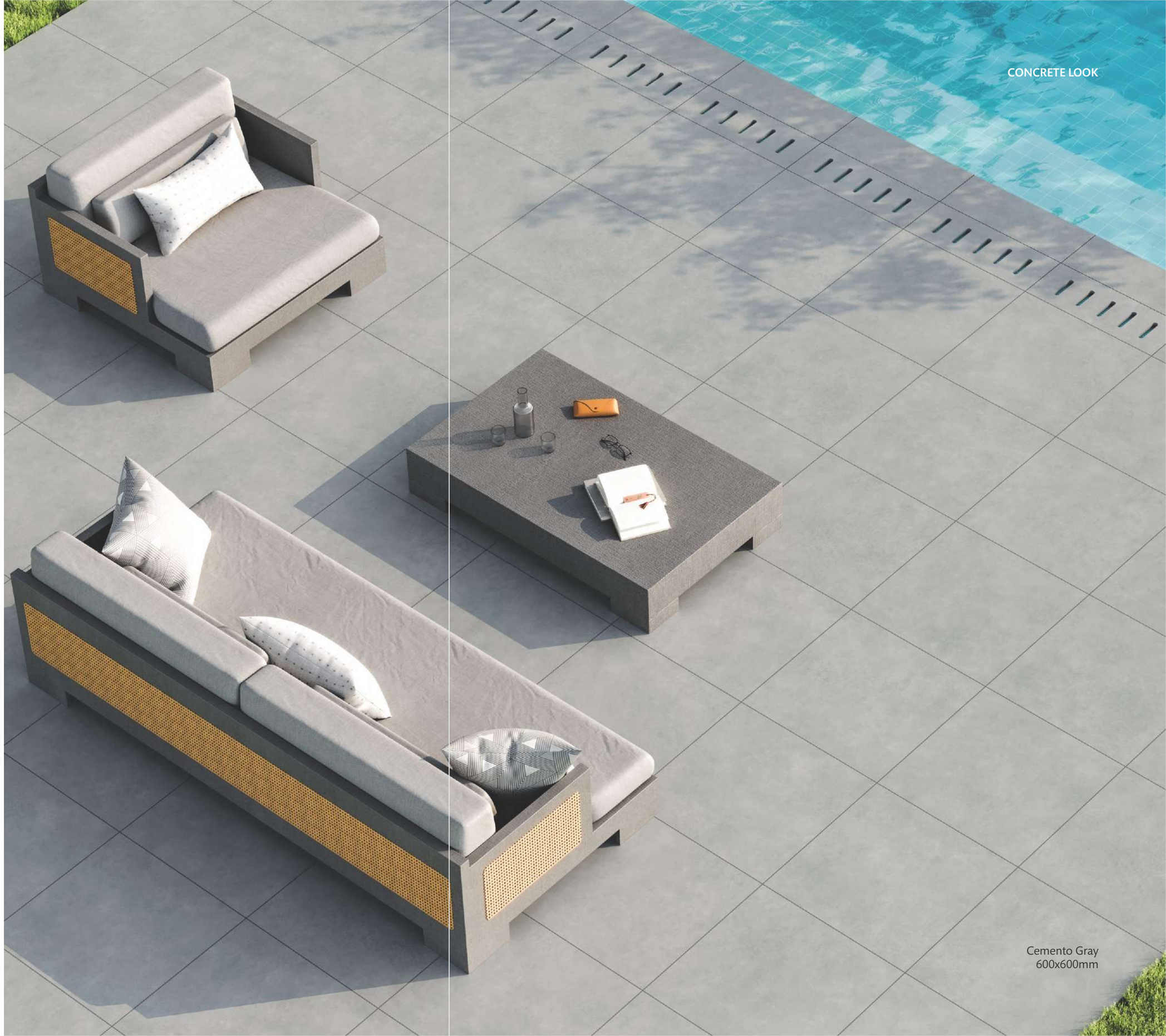
Sizes available





Cemento

Scan here to delve
deeper into the design.



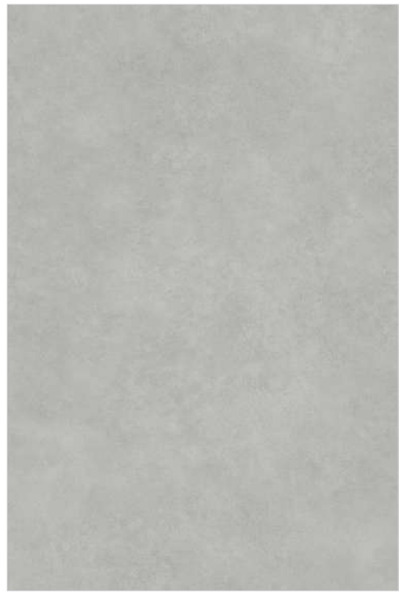
Cemento Gray
600x600mm

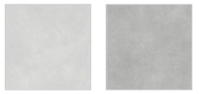
Cemento Gray



Cemento Gray
600x600mm

600x900mm





Cemento Light

Cemento Gray



Colour Body



V3 Variation

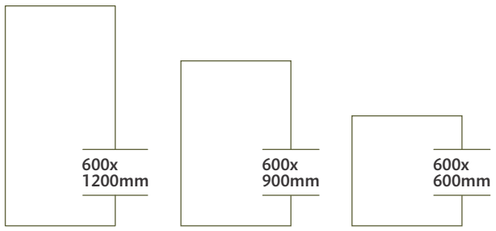


20mm Thickness



Anti - slip Surface

Sizes available





Cemento Light
600x900mm

Cosmo

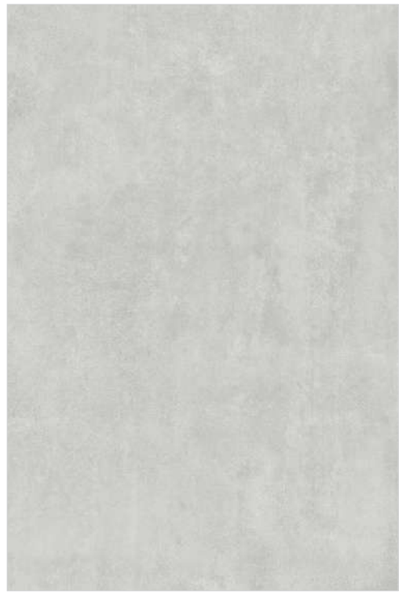
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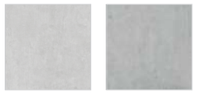
Cosmo Light
600x600mm

Cosmo Light



600x900mm




Cosmo Light

Cosmo Gray

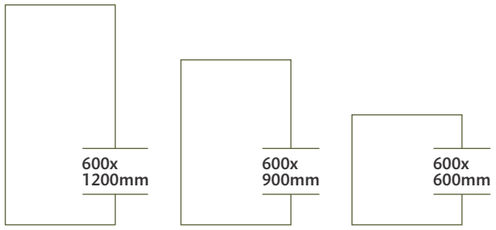

Colour Body

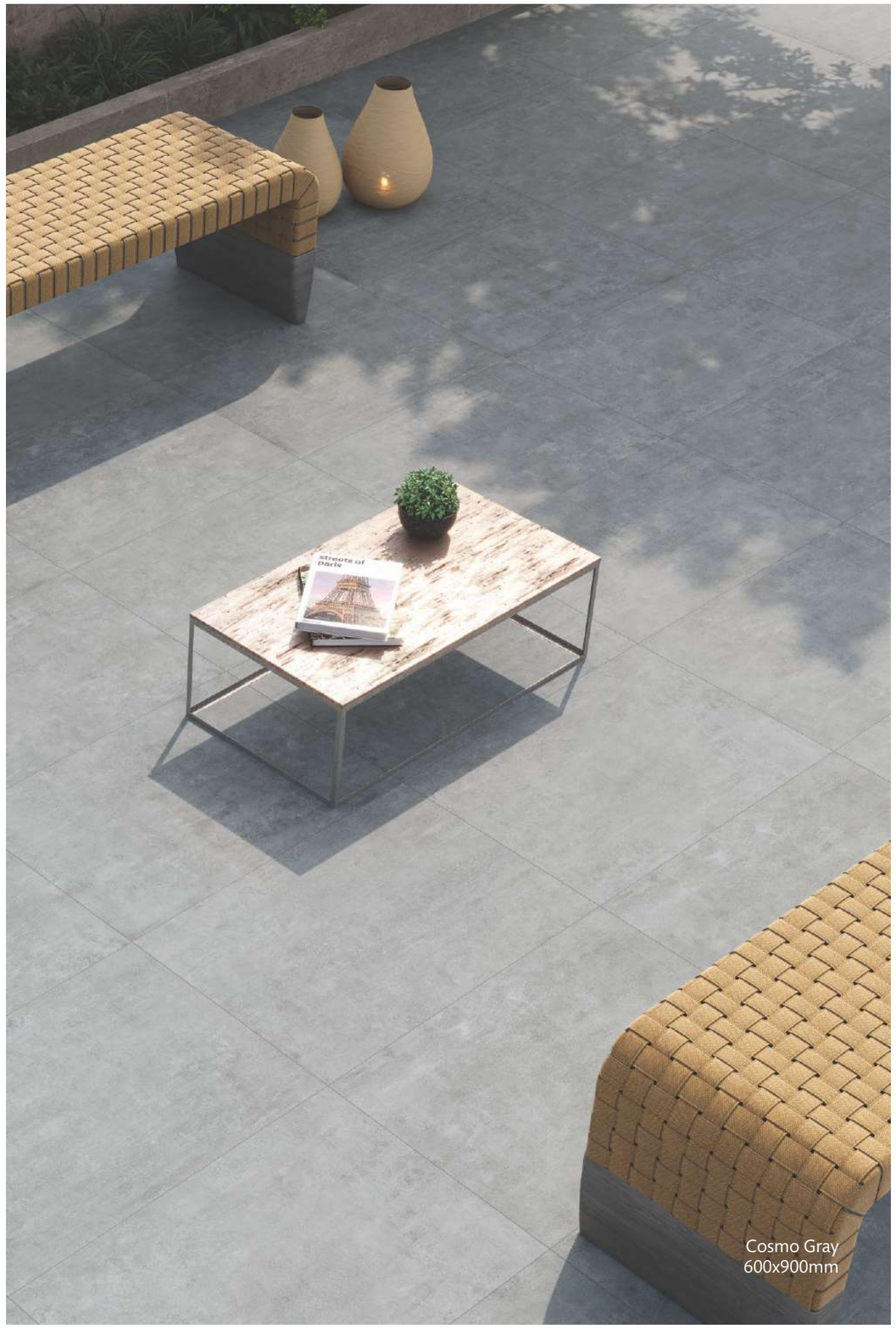

V3 Variation


20mm Thickness


Anti - slip Surface

Sizes available





Focus

Scan here to delve
deeper into the design.

Focus Beige
600x1200mm

Focus Greige



Focus Greige
600x1200mm

600x900mm

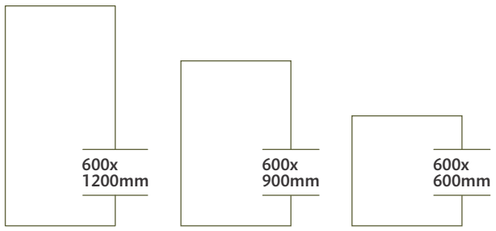


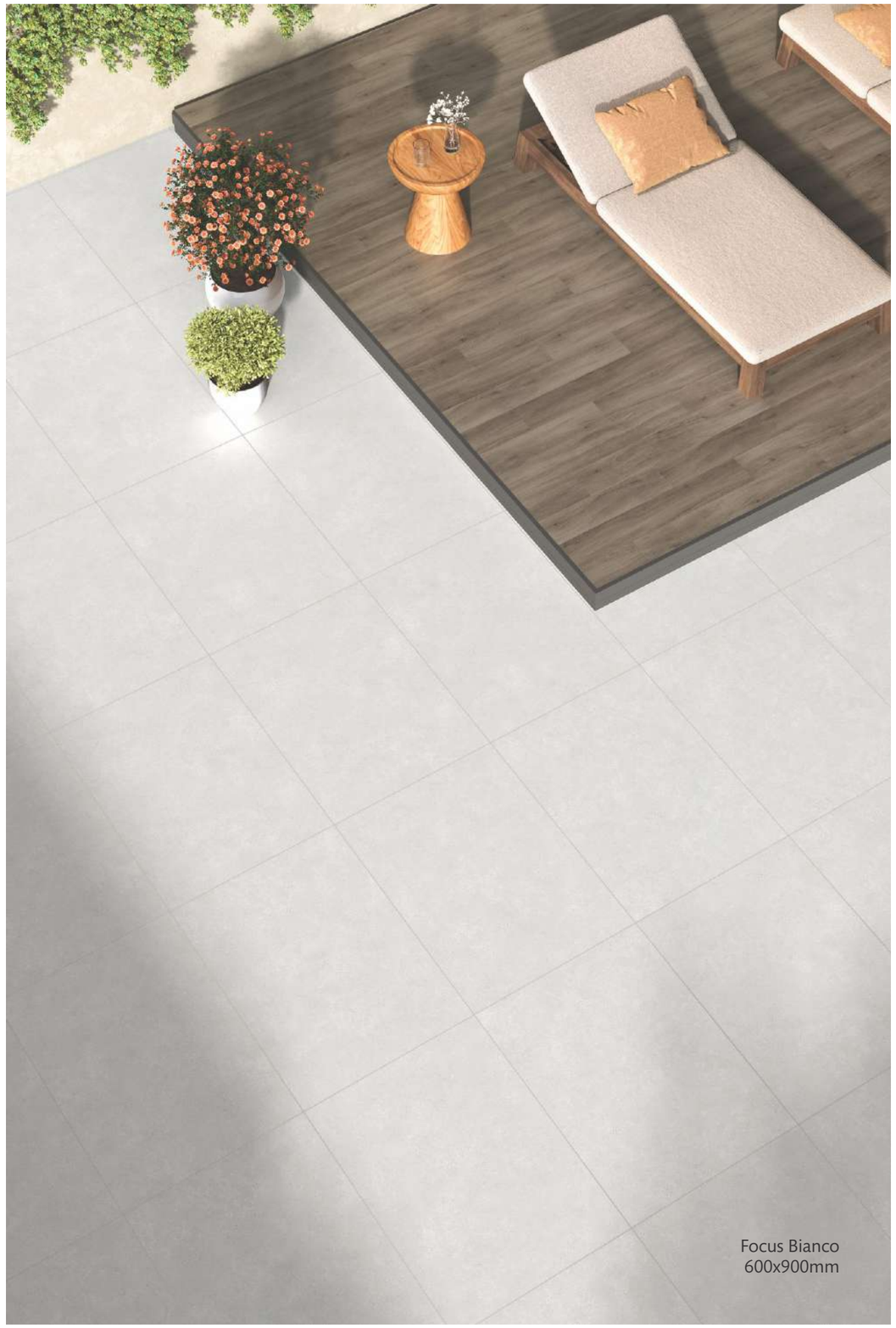


Focus Beige | Focus Greige | Focus Bianco | Focus Light | Focus Gray

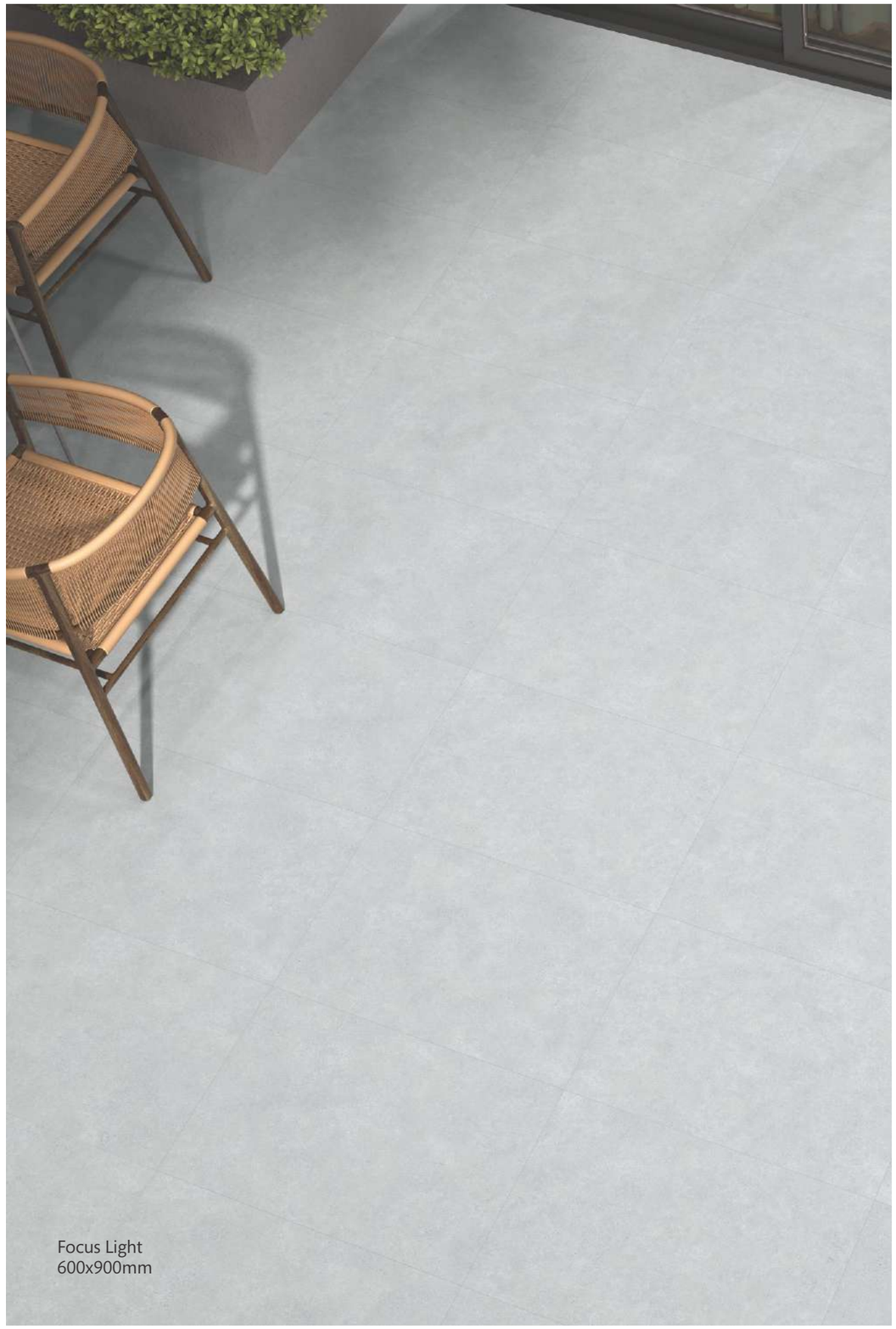
Colour Body | V3 Variation | 20mm Thickness | Anti - slip Surface

Sizes available





Focus Bianco
600x900mm



Focus Light
600x900mm



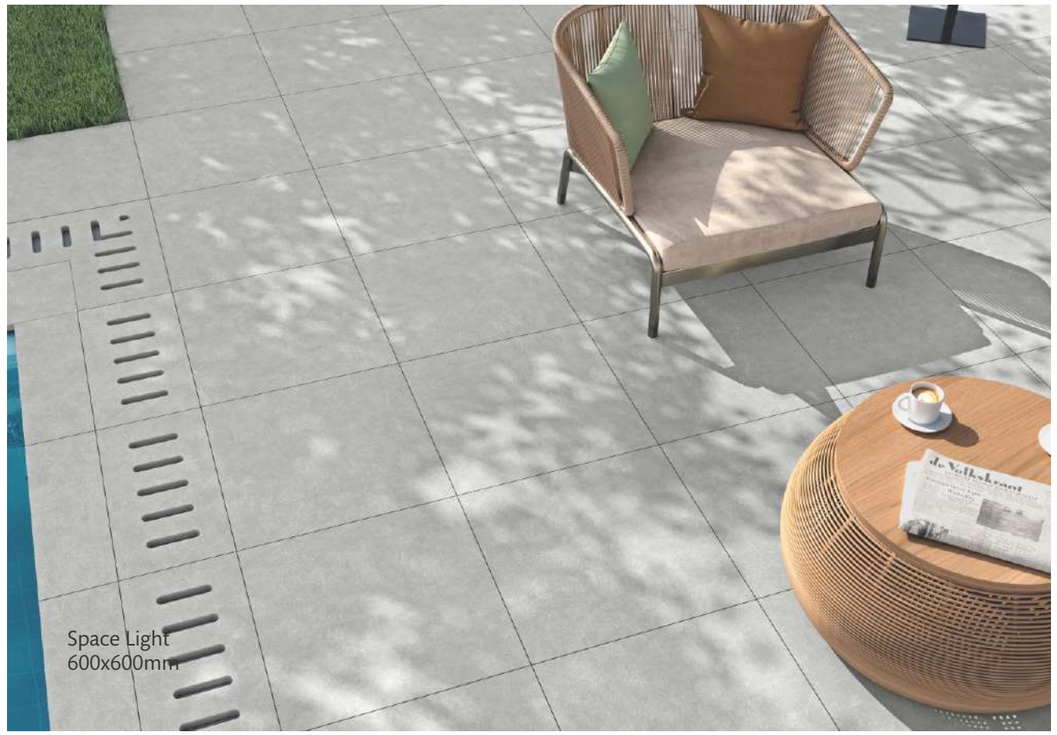
Focus Gray
600x900mm

Space

Scan here to delve deeper into the design.

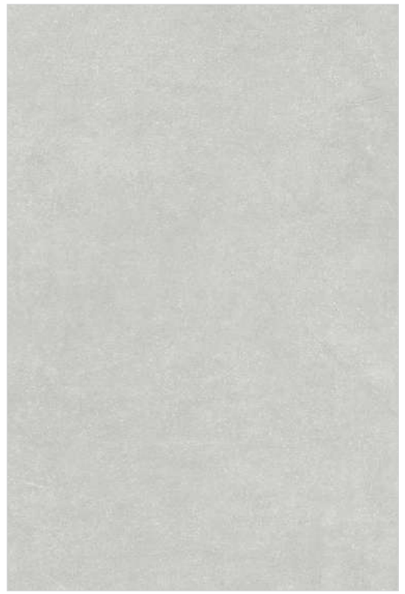
Space Light
600x600mm

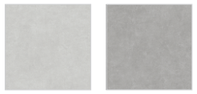
Space Light



Space Light
600x600mm

600x900mm





Space Light

Space Gray

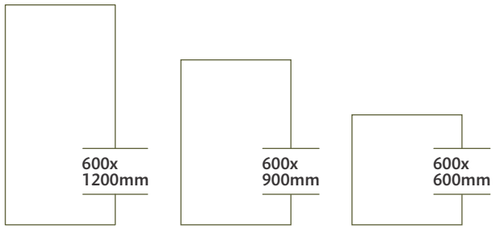
Colour Body

V3 Variation

20mm Thickness

Anti - slip Surface

Sizes available





Space Gray
600x1200mm

Docks

Scan here to delve
deeper into the design.

Docks Light
600x1200mm

Docks Light



600x900mm





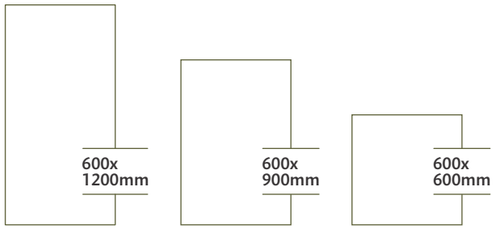
Colour Body

V3 Variation

20mm
Thickness

Anti - slip
Surface

Sizes available





Emotion



Scan here to delve
deeper into the design.

Emotion Silver
600x600mm

Emotion Beige



600x900mm





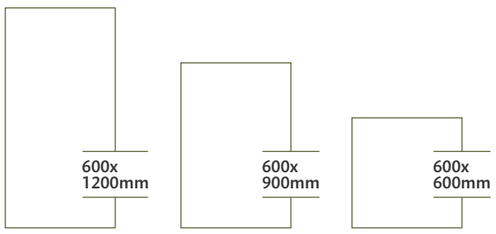
Colour Body

V3 Variation

20mm Thickness

Anti - slip Surface

Sizes available







Emotion Light
600x1200mm



Emotion Gray
600x900mm

Ardesia

Scan here to delve
deeper into the design.

Ardesia Bianco
600x600mm

Ardesia Crema

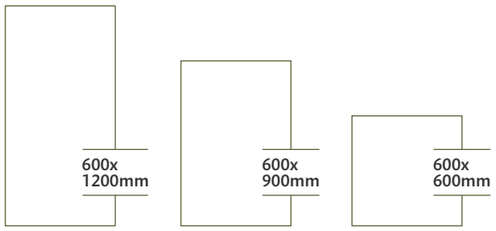

Ardesia Crema
600x900mm

600x900mm

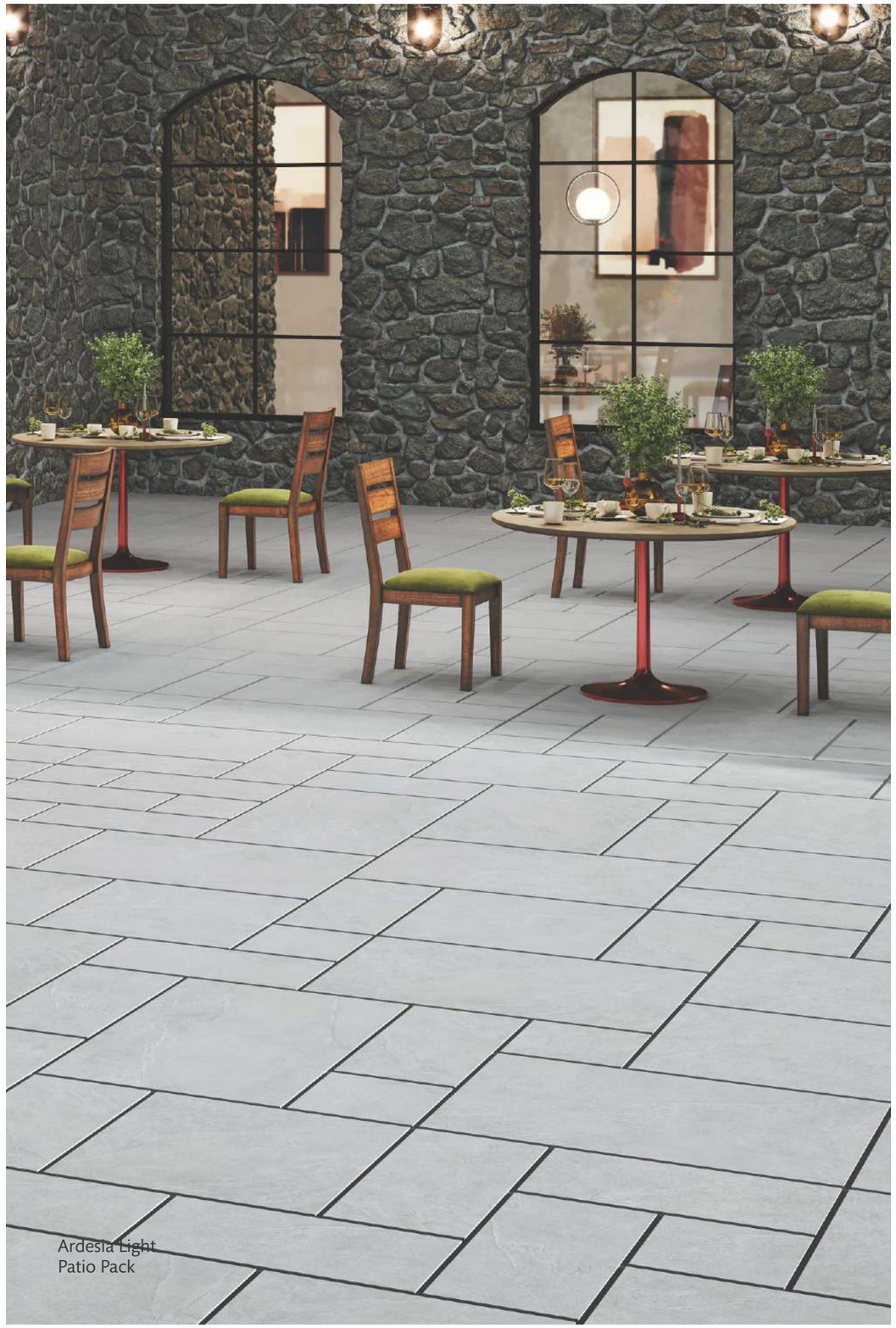

Ardesia Crema | Ardesia Beige | Ardesia Bianco | Ardesia Light | Ardesia Gray | Ardesia Nero

Colour Body | V3 Variation | 20mm Thickness | Anti - slip Surface

Sizes available




Ardesia Beige
600x600mm



Ardesia Light
Patio Pack



Ardesia Gray
600x1200mm



Ardesia Nero
600x600mm

Stone

Scan here to delve
deeper into the design.

Stone Beige
600x600mm

Stone Bianco



Stone Bianco
600x1200mm

600x900mm





Stone
Beige

Stone
Bianco



Stone
Gray



Colour Body



V3 Variation

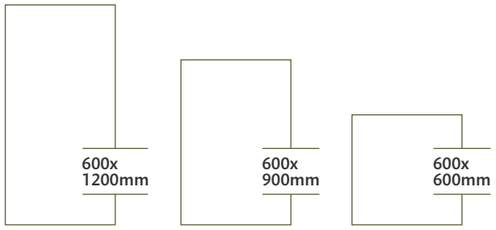


20mm
Thickness



Anti - slip
Surface

Sizes available





Stone Gray
600x900mm

Nordic

Scan here to delve deeper into the design.





Nordic Natural
Patio Pack

Nordic Beige



Nordic Beige
600x900mm

600x900mm

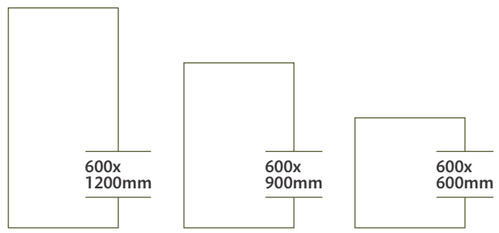




Nordic Beige | Nordic Natural | Nordic Gray

Colour Body | V3 Variation | 20mm Thickness | Anti - slip Surface

Sizes available





Nordic Gray
600x600mm

Sand

Scan here to delve
deeper into the design.



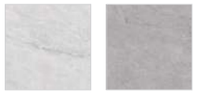
Sand Light



Sand Light
600x900mm

600x900mm





Sand Light

Sand Gray

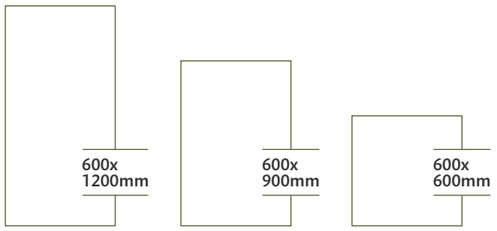
Colour Body

V3 Variation

20mm Thickness

Anti - slip Surface

Sizes available





Sand Gray
600x1200mm

Ceppostone

Scan here to delve
deeper into the design.

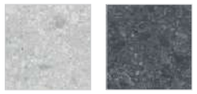
Ceppostone Nero
600x900mm

Ceppostone Nero



600x900mm





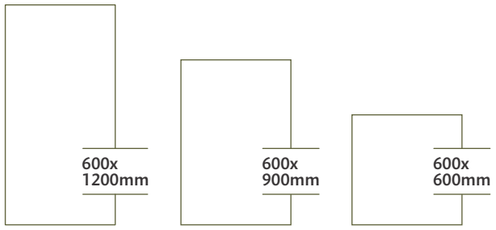
Colour Body

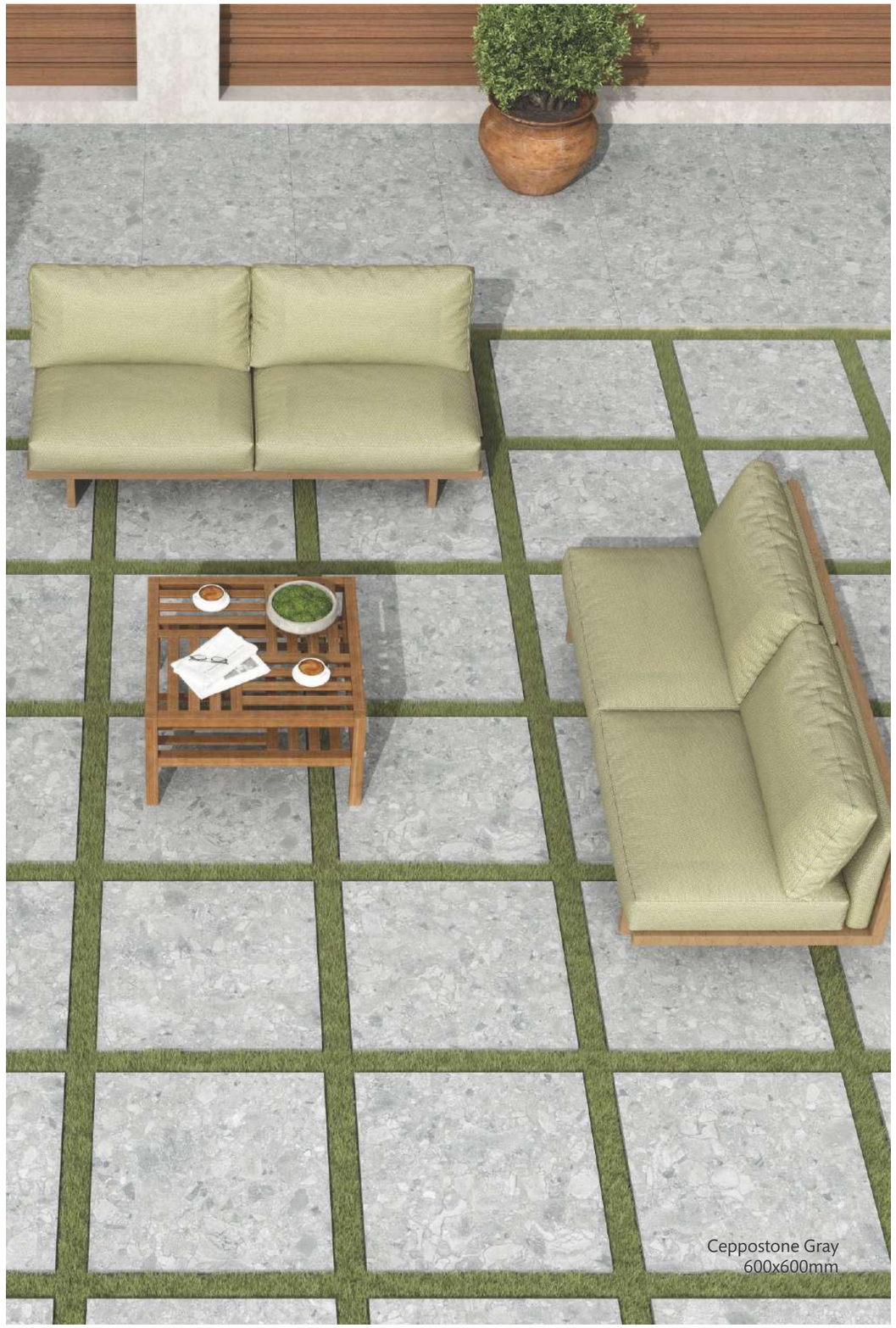
V3 Variation

20mm Thickness

Anti - slip Surface

Sizes available





Urban

Scan here to delve deeper into the design.

Urban Beige
Patio Pack

Urban Light



600x900mm





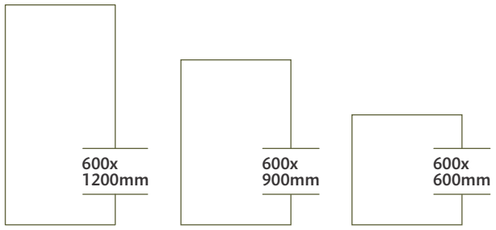
Colour Body

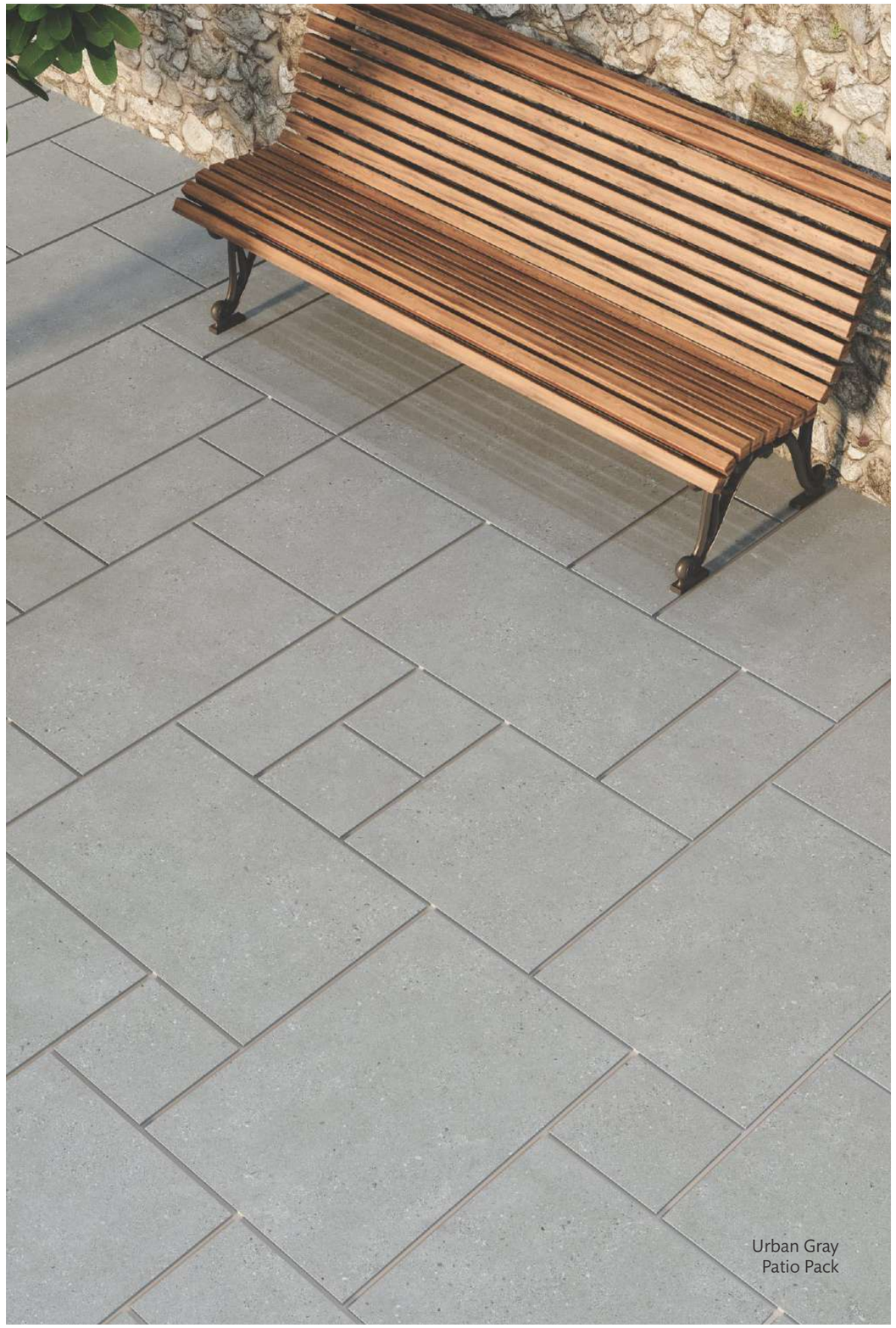
V3 Variation

20mm
Thickness

Anti - slip
Surface

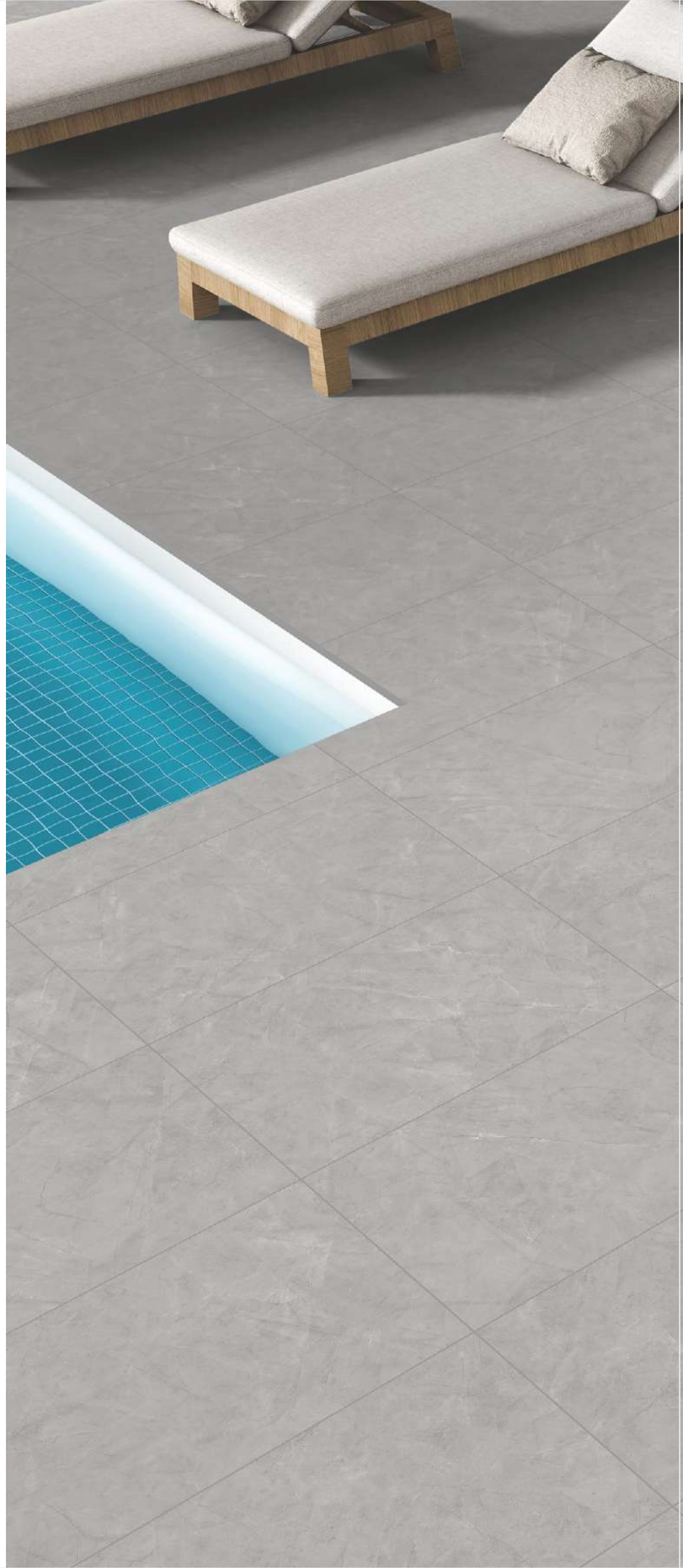
Sizes available





Storm

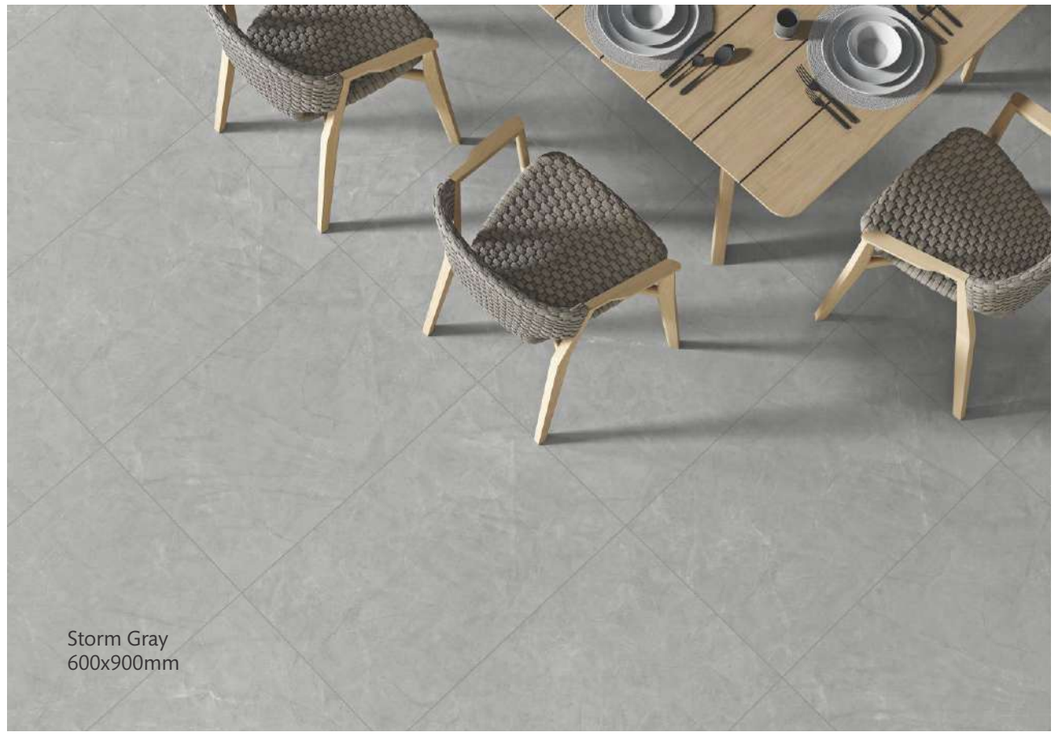
Scan here to delve
deeper into the design.





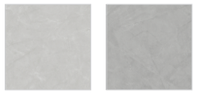
Storm Gray
600x900mm

Storm Gray



600x900mm





Storm Light

Storm Gray

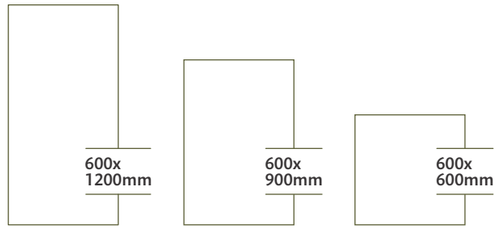
Colour Body

V3 Variation

20mm Thickness

Anti - slip Surface

Sizes available





MyStone

Scan here to delve
deeper into the design.

MyStone Greige
600x1200mm

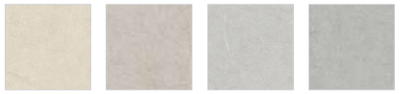
MyStone Ivory



MyStone Ivory
600x600mm

600x900mm

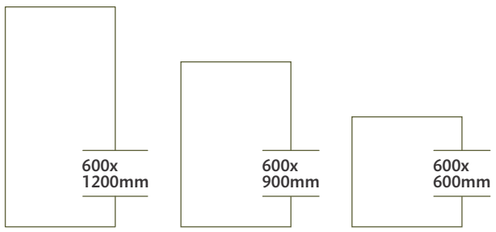




MyStone Ivory | MyStone Greige | MyStone Light | Mystone Gray

Colour Body | V3 Variation | 20mm Thickness | Anti - slip Surface

Sizes available





MyStone Light
600x1200mm



MyStone Gray
600x600mm

Tundra

Scan here to delve deeper into the design.

Tundra Gray
600x1200mm

Tundra Gray



600x900mm





Tundra
Gray

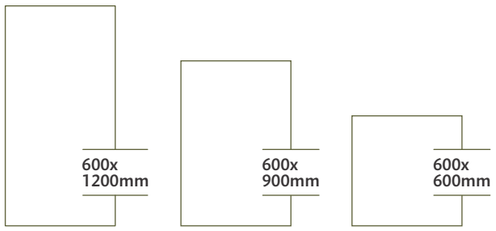
Colour Body

V3 Variation

20mm
Thickness

Anti - slip
Surface

Sizes available





Durastone

Scan here to delve deeper into the design.



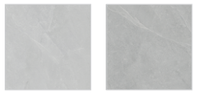
Durastone Gray
Patio Pack

Durastone Gray


Durastone Gray
Patio Pack

600x900mm




Durastone Light

Durastone Gray

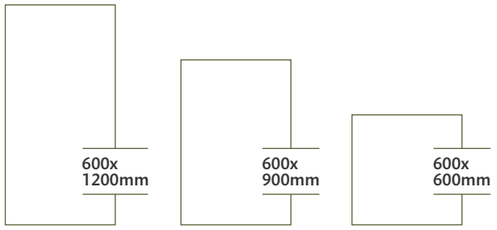
Colour Body

V3 Variation

20mm Thickness

Anti - slip Surface

Sizes available




Durastone Light
600x600mm

Cardoso

Scan here to delve
deeper into the design.

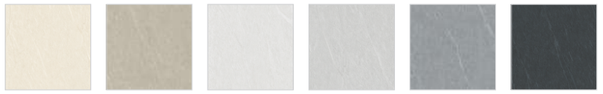
Cardoso Crema
600x600mm

Cardoso Beige



600x900mm





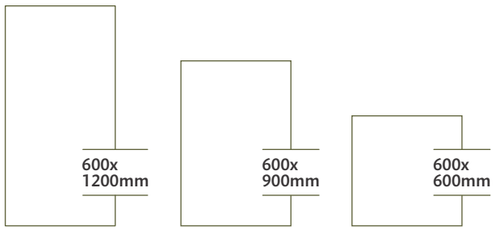
Colour Body

V3 Variation

20mm Thickness

Anti - slip Surface

Sizes available







Cardoso Light
600x600mm



Cardoso Gray
600x600mm



Cardoso Nero
Patio Pack

Riverstone

Scan here to delve
deeper into the design.



Riverstone Bianco
600x900mm

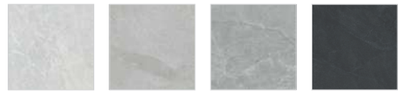
Riverstone Light



Riverstone Light
600x1200mm

600x900mm

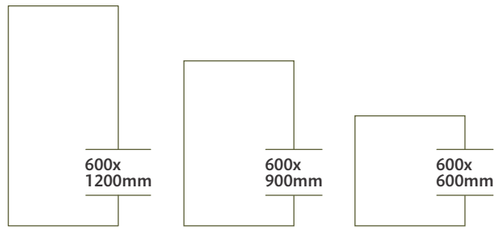




Riverstone Bianco | Riverstone Light | Riverstone Gray | Riverstone Nero

Colour Body | V3 Variation | 20mm Thickness | Anti - slip Surface

Sizes available





Riverstone Gray
600x600mm



Riverstone Nero
600x1200mm

Bluestone

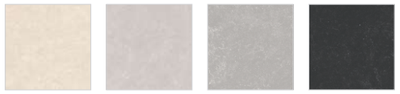
Scan here to delve
deeper into the design.

Bluestone Natural
600x1200mm

Bluestone Crema



600x900mm



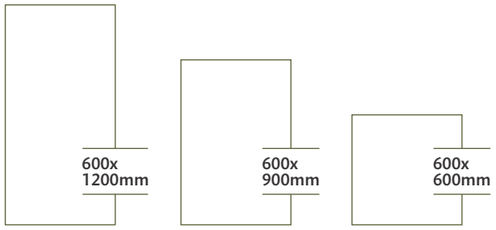
Colour Body

V3 Variation

20mm Thickness

Anti - slip Surface

Sizes available






Bluestone Gray
600x900mm

Lithos

Scan here to delve
deeper into the design.

Lithos Nero
600x1200mm

Lithos Light



600x900mm





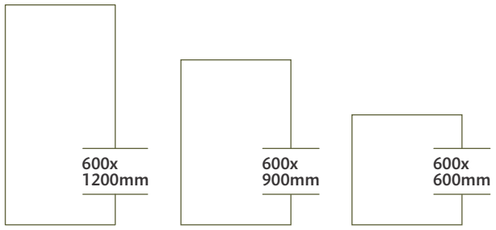
Colour Body

V3 Variation

20mm
Thickness

Anti - slip
Surface

Sizes available





Rockstone

Scan here to delve
deeper into the design.

Rockstone Crema
600x600mm

Rockstone Light



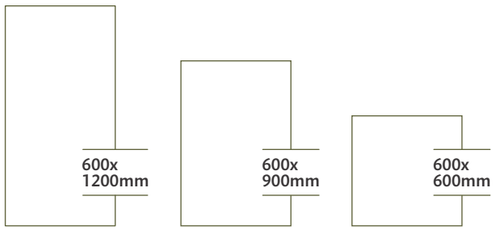
600x900mm

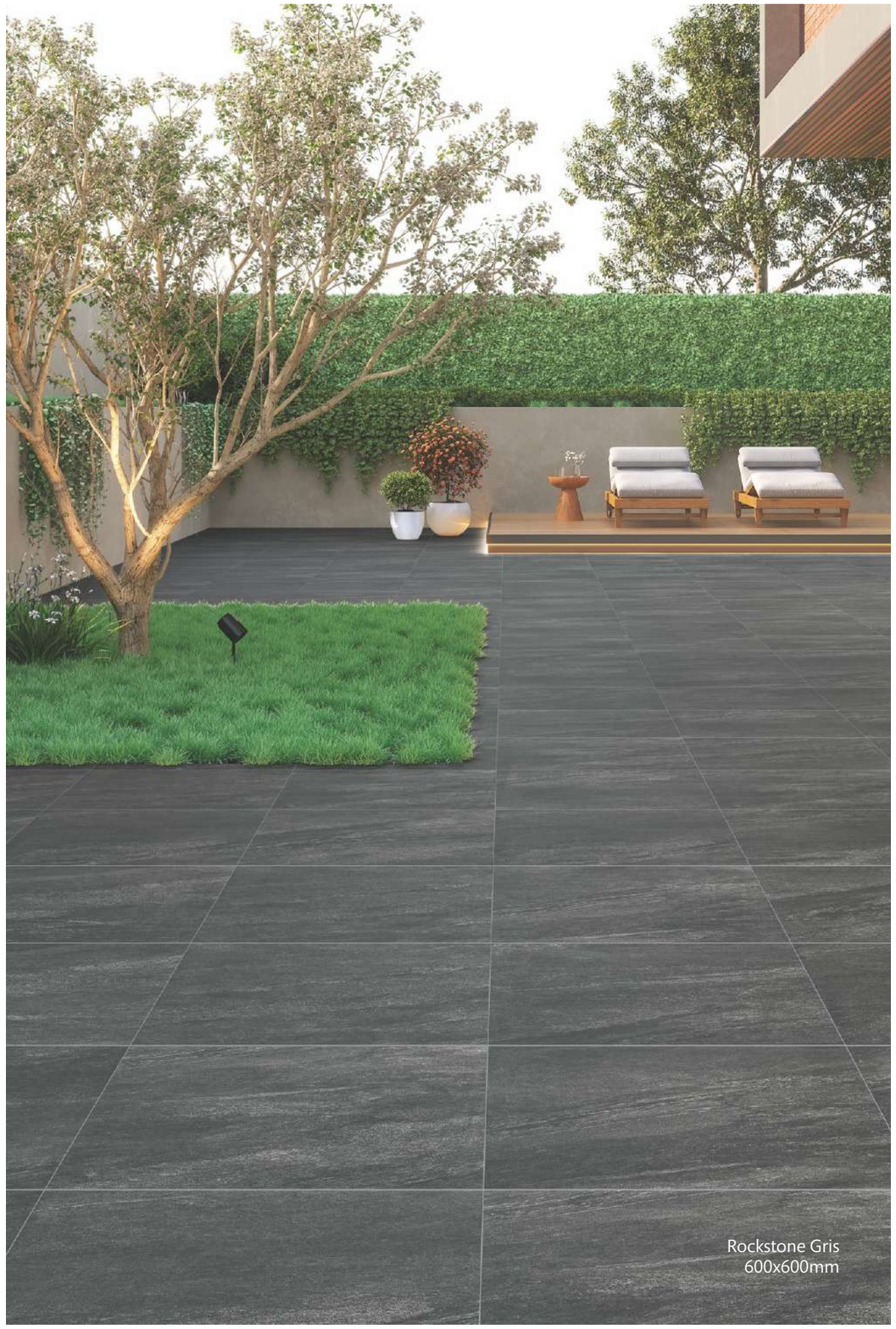




Colour Body
V3 Variation
20mm Thickness
Anti - slip Surface

Sizes available







Rockstone Coal
Patio Pack

BayStone

Scan here to delve deeper into the design.

BayStone Gray
600x900mm

BayStone Beige



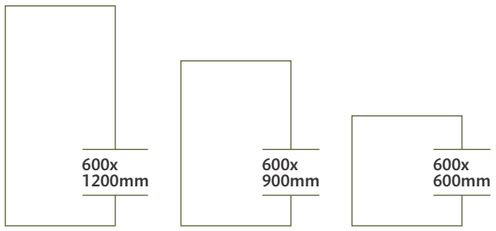
600x900mm





Colour Body
V3 Variation
20mm Thickness
Anti - slip Surface

Sizes available





EverStone

Scan here to delve
deeper into the design.



EverStone Nero
600x1200mm

EverStone Bianco



EverStone Bianco
600x600mm

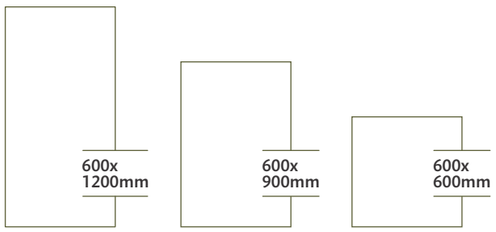
600x900mm



EverStone Bianco | EverStone Gray | EverStone Nero

Colour Body | V3 Variation | 20mm Thickness | Anti - slip Surface

Sizes available





EverStone Gray
600x900mm

Kandla



Kandla Gray
600x600mm

Scan here to delve
deeper into the design.

Kandla Gray



600x900mm





Kandla
Gray

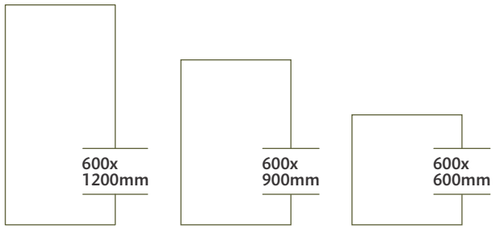
Colour Body

V3 Variation

20mm
Thickness

Anti - slip
Surface

Sizes available





Qstone

Scan here to delve
deeper into the design.

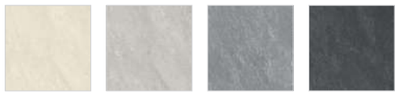
Qstone Bianco
600x600mm

Qstone Light


Qstone Light
Patio Pack

600x900mm




Qstone Bianco

Qstone Light

Qstone Gray

Qstone Black

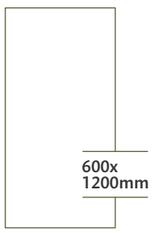

Colour Body

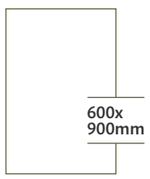

V3 Variation

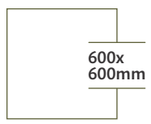

20mm Thickness

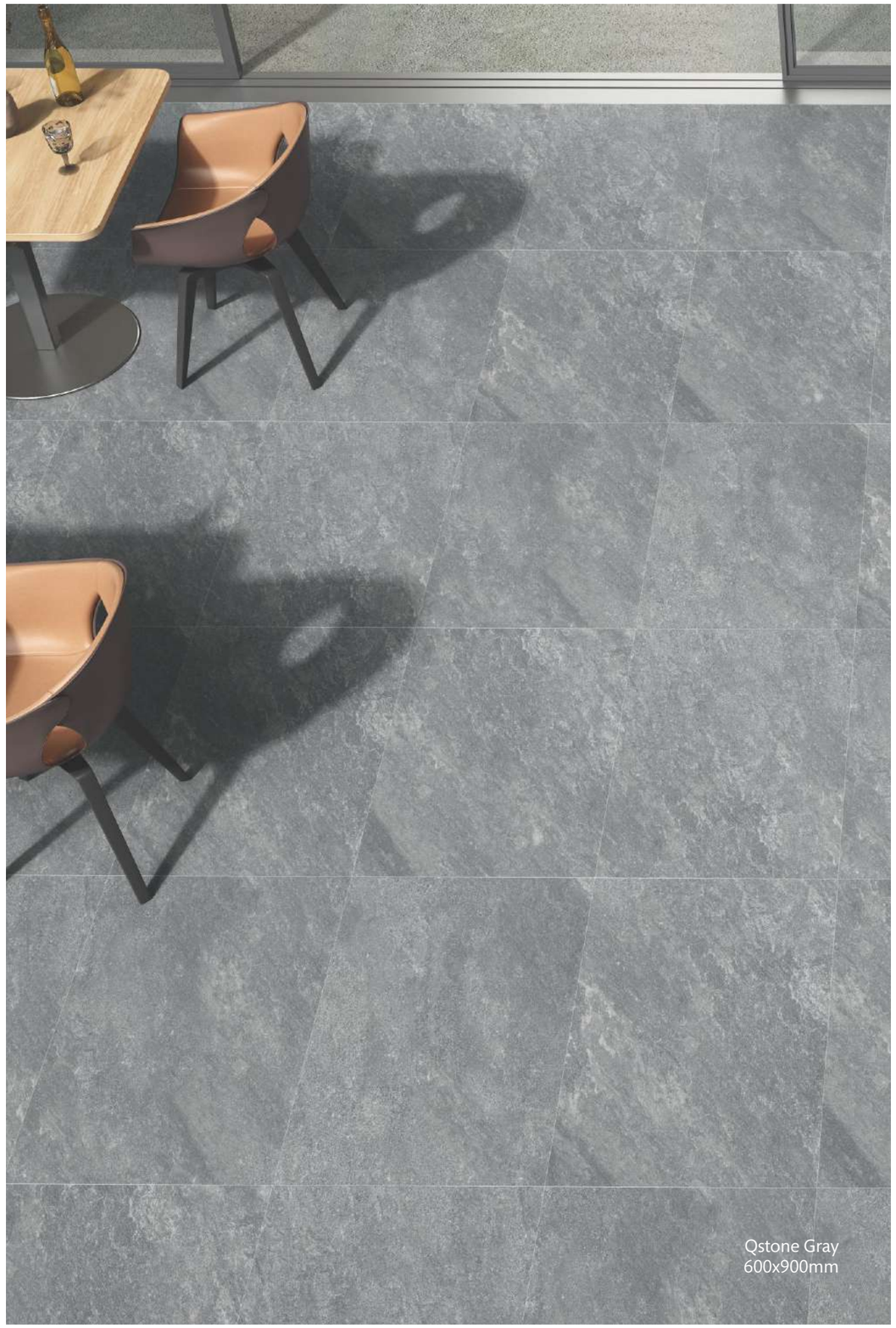

Anti - slip Surface

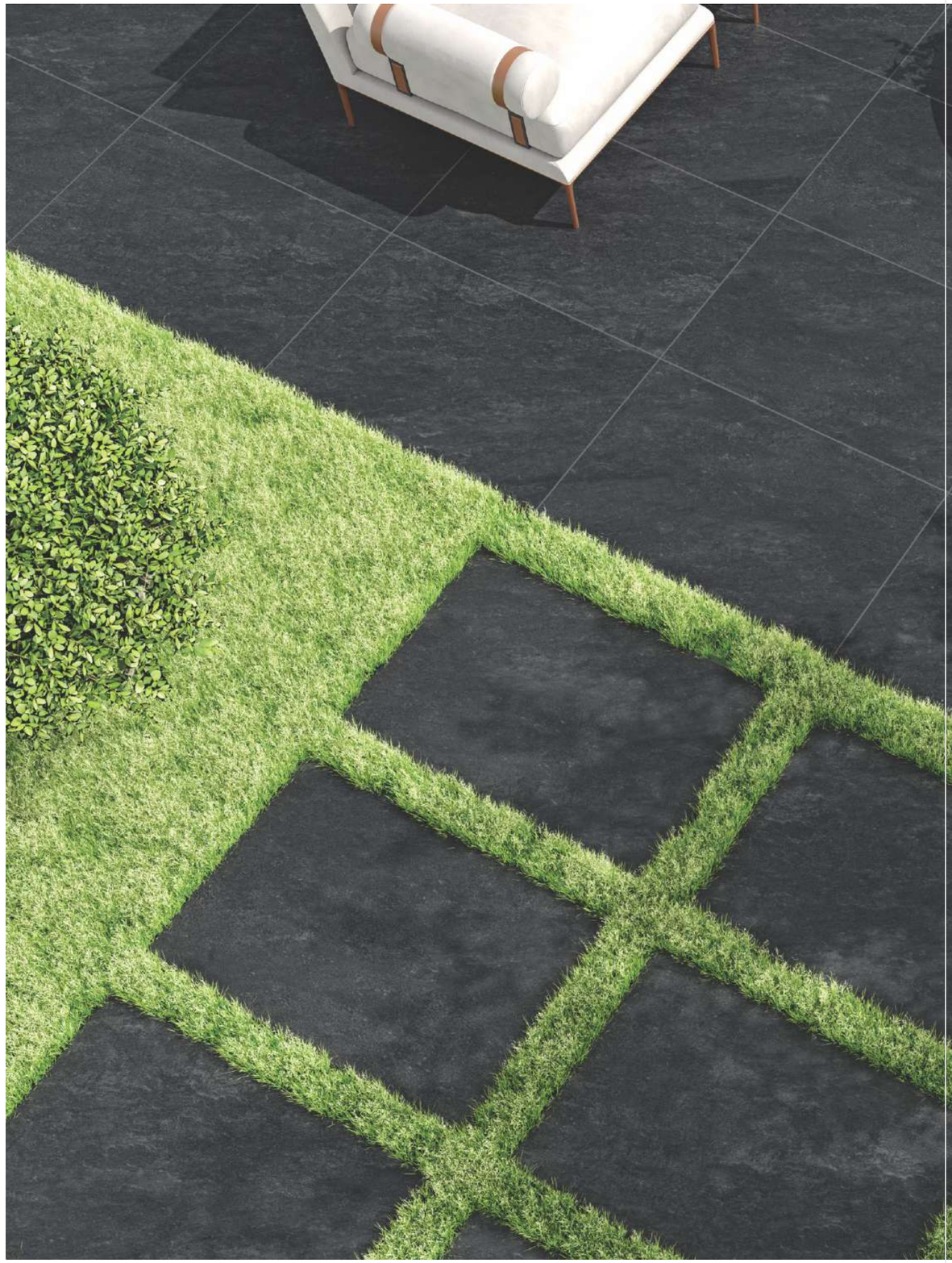
Sizes available


600x 1200mm


600x 900mm


600x 600mm


Qstone Gray
600x900mm





Qstone Black
600x900mm

Seastone

Scan here to delve
deeper into the design.

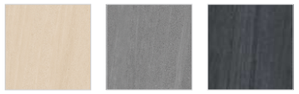
Seastone Nero
600x1200mm

Seastone Beige


Seastone Beige
600x1200mm

600x900mm




Seastone Beige

Seastone Gray

Seastone Nero

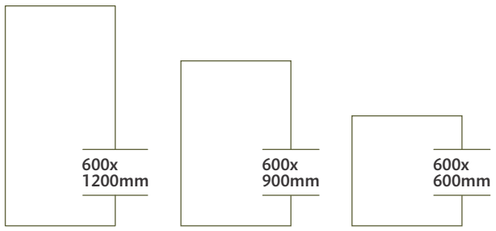
Colour Body

V3 Variation

20mm Thickness

Anti - slip Surface

Sizes available




Seastone Gray
600x600mm

Oakwood

Scan here to delve
deeper into the design.

Oakwood Maple
600x900mm

Oakwood Natural



600x900mm





Oakwood Maple



Oakwood Natural



Oakwood Gray

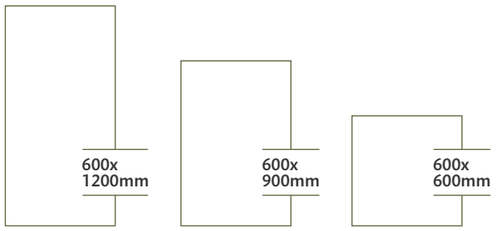
Colour Body

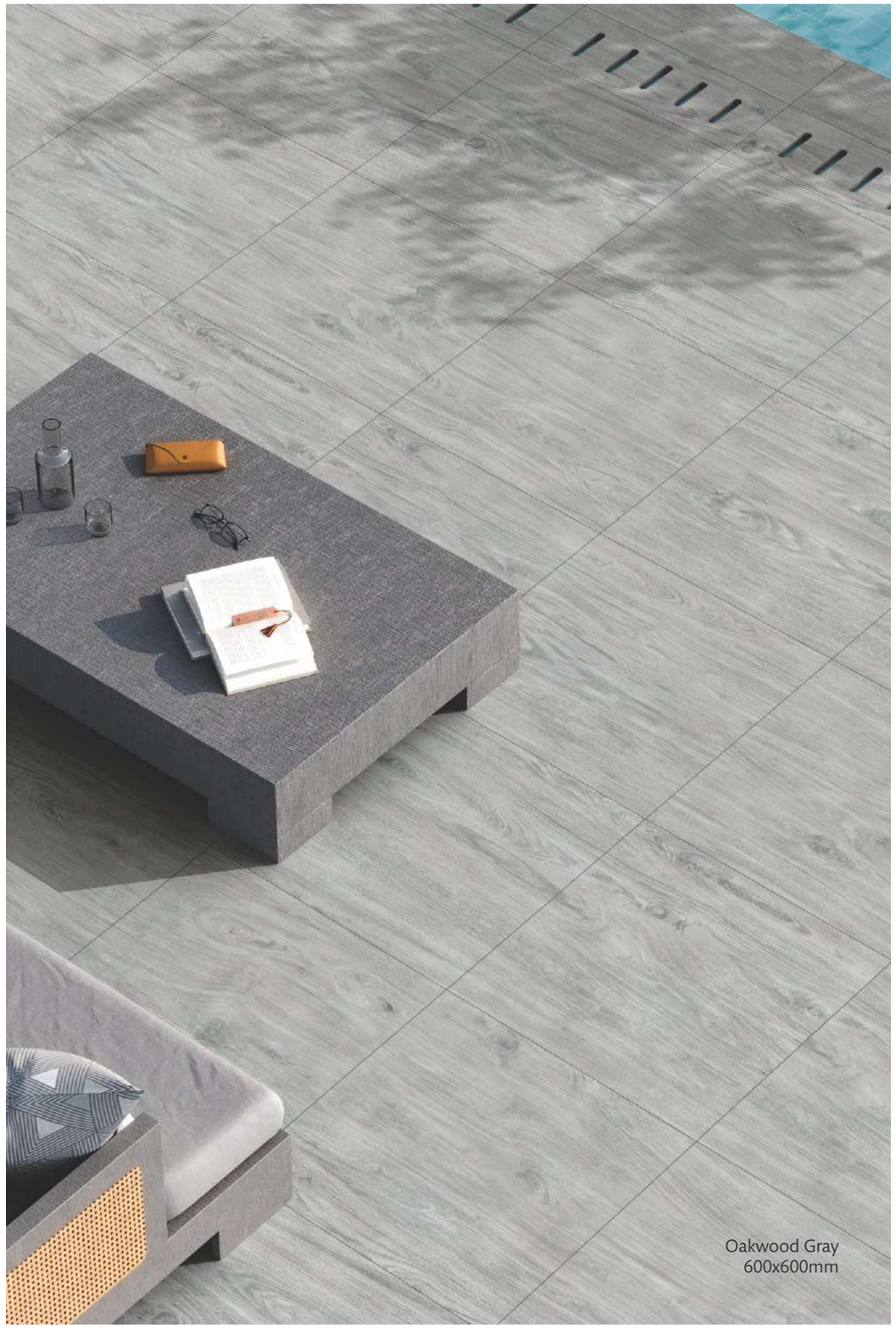
V3 Variation

20mm Thickness

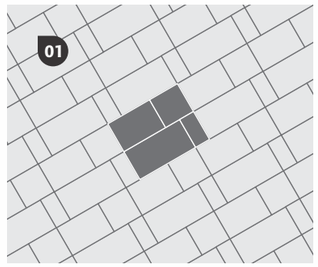
Anti - slip Surface

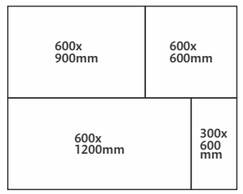
Sizes available



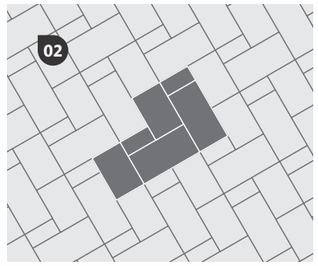


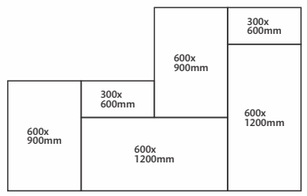
Multi Pattern Design





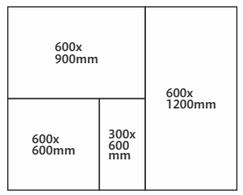
600x1200mm - 40%
600x600mm - 20%
600x900mm + 300x600mm (MIX) - 40%



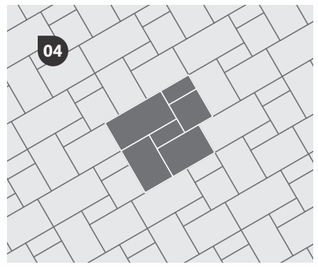


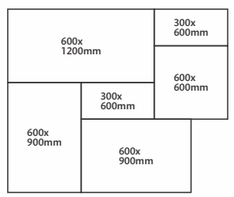
600x1200mm - 50%
600x900mm +
300x600mm (MIX) - 50%



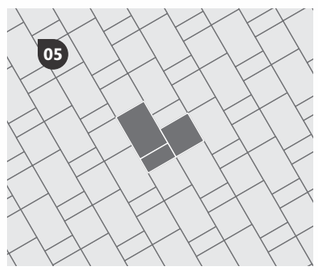


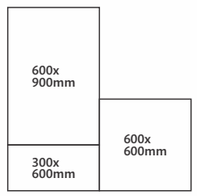
600x1200mm - 40%
600x600mm - 20%
600x900mm + 300x600mm (MIX) - 40%





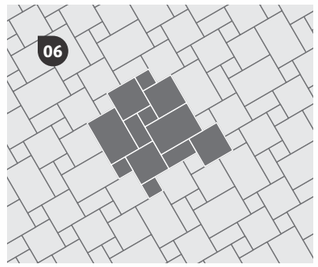
600x1200mm - 28.6%
600x600mm - 14.3%
600x900mm + 300x600mm (MIX) - 57.1%

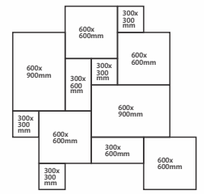




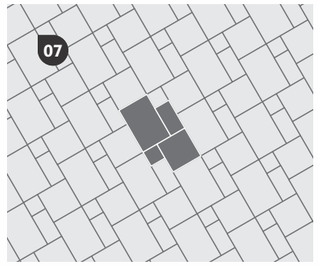
600x900mm - 50%
600x600mm - 33%
300x600mm - 17%

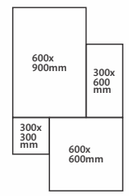
Multi Pattern Design



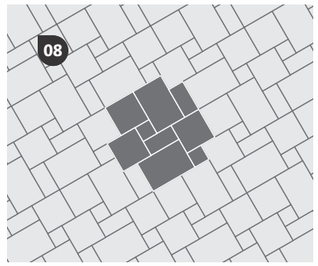


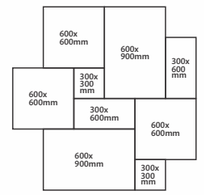
600x900mm - 33%
600x600mm - 45%
300x600mm - 11% | 300x300mm - 11%





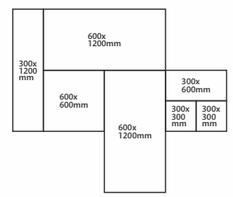
600x900mm - 46%
600x600mm - 31%
300x600mm - 15% | 300x300mm - 8%



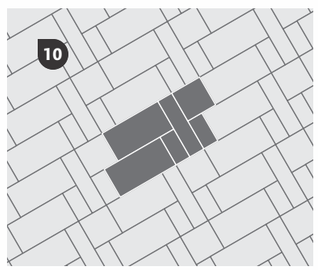


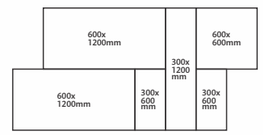
600x900mm - 40%
600x600mm - 40%
300x600mm - 13% | 300x300mm - 7%





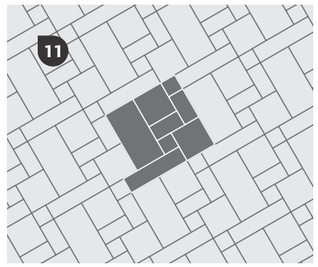
600x1200mm - 58% | 300x1200mm - 14%
600x600mm - 14% | 300x600mm - 7%
300x300mm - 7%

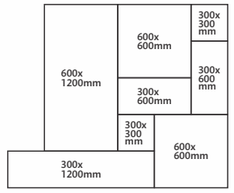




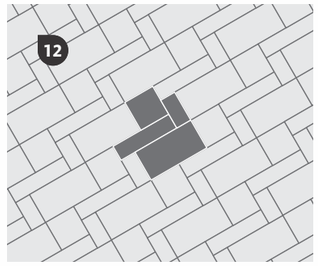
600x1200mm - 58%
300x1200mm - 14%
600x600mm - 14%
300x600mm - 14%

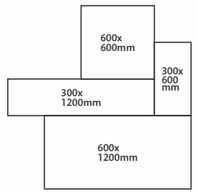
Multi Pattern Design



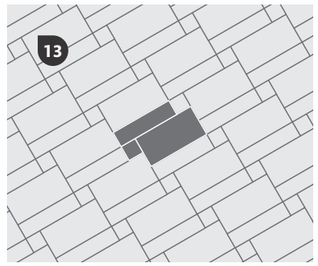


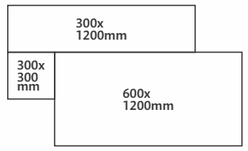
600x1200mm - 31% | 300x1200mm - 15%
600x600mm - 31% | 300x600mm - 15%
300x300mm - 8%



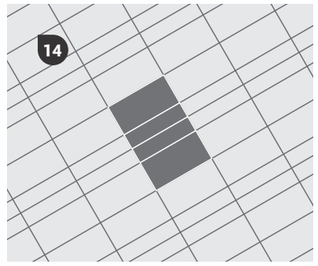


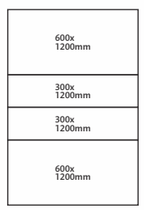
600x1200mm - 22%
300x1200mm - 45%
600x600mm - 22% | 300x600mm - 11%





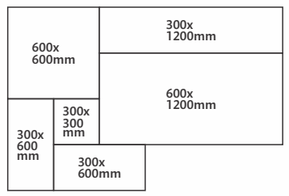
600x1200mm - 62%
600x600mm - 30%
300x300mm - 8%





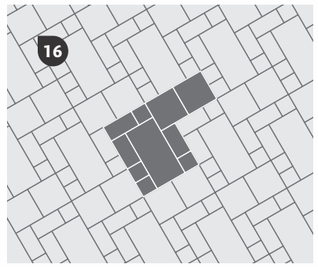
600x1200mm - 67%
300x1200mm - 33%

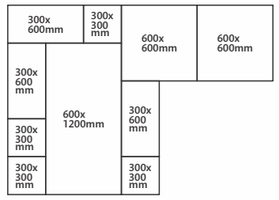




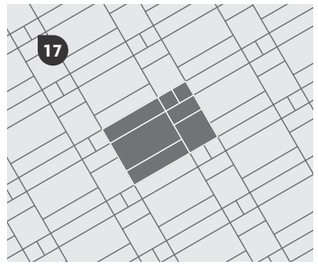
600x1200mm - 38% | 300x1200mm - 19%
600x600mm - 19% | 300x600mm - 19%
300x300mm - 5%

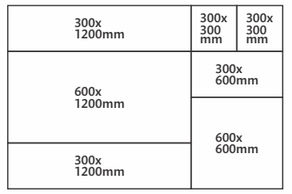
Multi Pattern Design



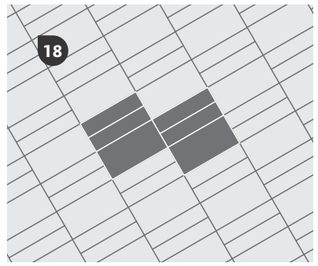


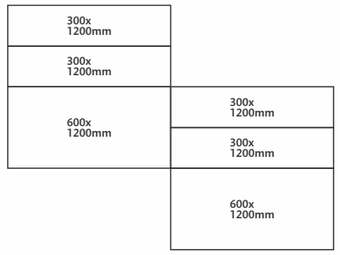
600x1200mm - 31%
600x600mm - 31%
300x600mm - 23% | 300x300mm - 15%





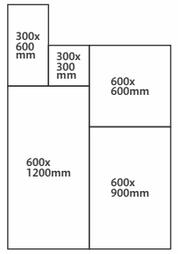
600x1200mm - 33.5% | 300x1200mm - 33.5%
600x600mm - 17% | 300x600mm - 8%
300x300mm - 8%



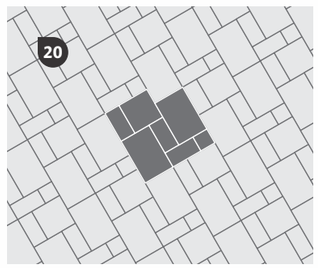


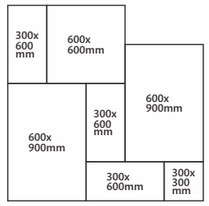
600x1200mm - 50%
300x1200mm - 50%





600x1200mm - 38% | 600x600mm - 19%
300x300mm - 5%
600x900mm + 300x600mm (MIX) - 38%





600x900mm - 52%
600x600mm - 18%
300x600mm - 26% | 300x300mm - 4%

Technical Details

CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 Gr.B1b	STANDARD AS PER IS15622:2017 Gr.B1b	METHOD OF TESTING	MEAN VALUE OF POLOGRES
Regulatory Properties				
Deviation in Length and Width	±0.30 % (±1.00 mm)	±0.10 %	ISO 10545-2/IS 13630-1	±0.10%
Deviation in Thickness	±5.0 % (± 0.50 mm)	±5.0 %	ISO 10545-2/IS 13630-1	±4.0 %
Straightness in Side	±0.30 % (± 0.80 mm)	±0.10 %	ISO 10545-2/IS 13630-1	±0.10%
Rectangularity	±0.30 % (± 1.50 mm)	±0.10%	ISO 10545-2/IS 13630-1	±0.10%
Surface Flatness Central Curvature	±0.40 % (± 1.80 mm)	±0.50 %	ISO 10545-2/IS 13630-1	±0.20%
Surface Flatness Edge Curvature	±0.40 % (± 1.80 mm)	±0.50 %	ISO 10545-2/IS 13630-1	±0.20%
Surface Flatness Warpage	±0.40 % (± 1.80 mm)	±0.50 %	ISO 10545-2/IS 13630-1	±0.10%
Surface Quality	>95% defects free	>95% defects free	ISO 10545-2/IS 13630-1	>95% defects free
Small Color Difference (For Plain Colour)	E <1.00	N.A.	ISO 10545-16	E <0.80
Glossiness R Value)##	As per Manufacturer	As per Manufacturer	Gloss Meter 60°	≤ 7
Structural Properties				
Water Absorption	≤0.50% As per Manufacturer	≤0.080%	ISO 10545-3/IS 13630-2	≤0.05%
Bulk Density		Min 2.20 g/cc	ISO 10545-3/IS 13630-2	>2.28 gm/cc
Massive Mechanical Properties				
Modulus of Rupture(9,10mm)	Min. 35.0 N/mm²	Min. 35.0 N/mm²	ISO 10545-4/IS 13630-6	Min. 37.0 N/mm²
Modulus of Rupture(12,16,20mm)	Min. 35.0 N/mm²	Min. 35.0 N/mm²	ISO 10545-4/IS 13630-6	Min. 40.0 N/mm²
Breaking Strength Thickness ≥7.5 mm (9,10mm)	Min. 1300.0 N	Min. 1300.0 N	ISO 10545-4/IS 13630-6	Min. 1500.0 N
Breaking Strength Thickness ≥7.5 mm (12mm)	Min. 1300.0 N	Min. 1300.0 N	ISO 10545-4/IS 13630-6	Min. 1800.0 N
Breaking Strength Thickness ≥7.5 mm (16mm)	Min. 1300.0 N	Min. 1300.0 N	ISO 10545-4/IS 13630-6	Min. 6000.0 N
Breaking Strength Thickness ≥7.5 mm (20mm)	Min. 1300.0 N	Min. 1300.0 N	ISO 10545-4/IS 13630-6	Min. 7500.0 N
Surface Mechanical Properties				
MOH'S Hardness #	As per Manufacturer	Min. 5	BS EN 15771/IS 13630-13	Min. 6
Surface Abrasion Resistance #	As per Manufacturer	Min. Class II	ISO 10545-7/IS 13630-11	Min. III
Deep Abrasion Resistance #	Max. 175mm³	Max. 140mm³	ISO 10545-7/IS 13630-12	Max. 132mm³
Thermal Hydrometric Properties				
Moisture Expansion	Max. 0.06% (0.6 mm/m)	Max. 0.02mm/m	ISO 10545-10/IS 13630-3	Max. 0.02mm/m
Thermal Expansion(COE) at 100 °C	As per Manufacturer	Max. $6.0x10^{-6}$	ISO 10545-8/IS 13630-4	Max. 6.0×10^{-6}
Thermal Shock Resistance	Min. 10 Cycle	Min. 10 Cycle	ISO 10545-9/IS 13630-5	Min. 10 Cycle
Impact Resistance(COR) #	Min. 0.55	Min. 0.55	ISO 10545-5/IS 13630-14	Min. 0.55
Frost Resistance	As per Manufacturer	As per Manufacturer	ISO 10545-12/IS 13630-10	Frost Proof
Chemical Properties				
Resistance to Staining Glazed	Min. Class 3	Min. Class 1	ISO-10545-14/IS 13630-8	Min. Class 3/ Min. Class 1
Resistance to Staining UnGlazed	As per Manufacturer	Min. Class 2	ISO-10545-13/IS 13630-8	Min. Class 4/ Min. Class 2
Resistance to Household Chemicals & Swimming Pool Salts Glazed	Min. Class GB	Min. Class AA	ISO-10545-13/IS 13630-8	Min. Class GB/Min Class AA
Resistance to Household Chemicals & Swimming Pool Salts UnGlazed	Min. Class GB	As per Manufacturer	ISO-10545-13/IS 13630-7	Min. Class UB/Min Class A
Resistance to Low Concentrate Acid and Alkalis Glazed	As per Manufacturer	As per Manufacturer	ISO-10545-13/IS 13630-8	Min. Class GLB***/Min Class A***
Resistance to Low Concentrate Acid and Alkalis UnGlazed	As per Manufacturer	As per Manufacturer	ISO-10545-13/IS 13630-7	Min. Class ULB***/Min Class A***
Resistance to High Concentrate Acid and Alkalis Glazed	As per Manufacturer	As per Manufacturer	ISO-10545-13/IS 13630-7	Min. Class GHB***/Min Class A***
Resistance to High Concentrate Acid and Alkalis UnGlazed	As per Manufacturer	As per Manufacturer	ISO-10545-13/IS 13630-7	Min. Class UHB***/Min Class A***
Safety Properties				
Skid Resistance - (DCOF-WET PENDULUM)##	As per Manufacturer	As per Manufacturer	BS 7976-2	P4
Slip Resistance - (DCOF- R Value)##	As per Manufacturer	As per Manufacturer	DIN 51130	≥R11
Lead and Cadmium release	As per Manufacturer	N.A.	ISO-10545-15	Does not yield Pb & Cd

*** Whichever is Lower**
***** Except Hydrofluoric Acid & it's compound**
Tiles Intended for use on floor
For Floor tiles,as per customer requirement

Performance comparison porcelain pavers vs. competitor outdoor paving materials

FEATURES	STONETECH 2.0 PORCELAIN PAVERS.	WOOD PAVERS	CLAY BRICK	CIP (CAST IN PLACE) CONCRETE	CONCRETE PAVERS	NATURAL STONE
Stainable	No	Yes	Yes (Highly)	Yes	Yes	Yes (Highly)
Freeze Thaw Proof	Yes	No	No	No	No	No
Salt Resistant	Yes	No	Salt Will Degrade	No	No	No
Acid Resistant	Yes	No	Acid Will Burn	No	No	No
Scratch Resistant	Highly	No	Somewhat	No	No	No
Moisture Absorption	<0.5%	Highly Varried	5%	5%	5-10%	>5%
Easy To Repair	Yes	Yes	No	Can Not	No	No
Uv Resistant	Unaffected	No	Yes	If Sealed	Yes/No	Unaffected
Needs Sealed	Never	Yes	Recommended	Recommended	Recommended	Recommended
Pressure Washer Safe	1500 PSI	No	Not Recommended	1500 PSI	No	No
Environmentally Friendly	Facility 98% Green	Many Exotic Rainforest Species	No	Large Carbon Foot Print	Possible Fly Ash Content	Mined Or Imported
Recycled Content	5% In Each Payer	No	Not Possible	Not Possible	If Possible Less Than 5%	Not Possible