
POLAGRESS

MEGA SLAB 1200x1800mm.



**EXCLUSIVE
GVT-
COLLECTION**

ENRICHING
YOUR SPACE CONSIDERABLY



HIGHLIGHTING THE UNIQUENESS IN PUREST FORM

SINTERED STONE

TRANSFORMING
SPACES WITH SUBTLE
SOPHISTICATION.

Spaces that come to life and designs that turn your doubts into decisions,
Manufacturer of high-end product range of premium Matt tiles.
It excels in incorporating grand and lavish styles to every design ranging
from modern, contemporary to rustic and simplistic decor options.

POLAGRESS

MEGA SLAB 1200x1800mm.

THE MOST INNOVATIVE PRODUCTION LINE

welcomes the most automated plant in the world for the production of large format sintered stone slabs, being pioneer in the international ceramic sector.



Innovative precision decoration technique that provides depth to the design and manages to go through the material.

Resolution of 600 dpi and an array of 9 colors never seen before.

Great diversity of textures, finishes and reliefs with 1,5mm incisions. - 3D Design.

Awarded as best new ceramic production plant by TecnAwards 2022, the automation and self-sufficiency of each process and the extensive protection and post-production of the material are the key points to declare this facility a technological pioneer in the sector.



With over 36,000 m², we find ourselves in the most modern facility in the world in terms of processing technology and environmental responsibility. A plant committed to the environment with self-supply energy and 100% reuse of the resources.

TECHNICAL SPECIFICATION

Tiles explore high standards in design aesthetics and performance with their large size and various features that make them highly durable. These tiles create a comfortable space with high-end functionality that enhances the experience of a place.



Long
Durability



Easy to
Clean



Impact
Resistance



Frost
Resistance



Easy
Installation



Hygienic
Surface



Fire
Resistance



Chemical
Resistance



Crazing
Resistance



Thermal Shock
Resistance



Dimensional
Stability



Low Water
Absorption





DESIGN INSPIRATION

The tiles design is a stunning homage to the beauty of nature, each pattern And texture intricately crafted to evoke the organic elements found in the Natural world. With hues reminiscent of earthy tones, serene blues, and Vibrant greens, the tiles transport the observer to tranquil forests, tranquil Beaches, or lush gardens. From the gentle swirls mimicking the flow of water To the intricate leaf motifs, every detail reflects the harmony and balance Found in nature's creations. Whether its indoor spaces or outdoor spaces, it Creating a serene and inviting ambiance that celebrates the timeless Elegance of the natural world.

POLAGRESS

APPLICATION

Made surfaces which are adorn your space and stable in any condition and also easy to applicable anywhere we can call that Plazma is a timeless beauty.

 Residential	 Commercial Building	 Hotel, Restaurant & Cafe	 Gymnasium
 Hospital	 Airport	 School & College	 Industry
 Hall & Corridor	 Mall & Super Market	 Spa and Wellness Centres	 Religious Place

IMAGINE YOUR SPACE WITH SEAMLESS POSSIBILITIES

Think Big and Different with the our.

The our Surface of this Collection addsa Distinctive Character to a Place with its Grand Size of 1600x1800mm, and many Enchanting Designs.



ALESSIA CREMA

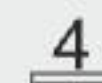
CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



V3
COLOR VARIATION

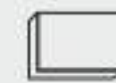
POLAGRESS





BRUNO BEIGE

CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



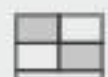
RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



V3
COLOR VARIATION

POLAGRESS





CHAIN WAVE CREMA

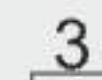
CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



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COLOR VARIATION

POLAGRESS



CRYSTAL ICE CREMA

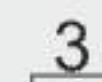
CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



3
RANDOM



SLAB SIZE
1200X1800 MM

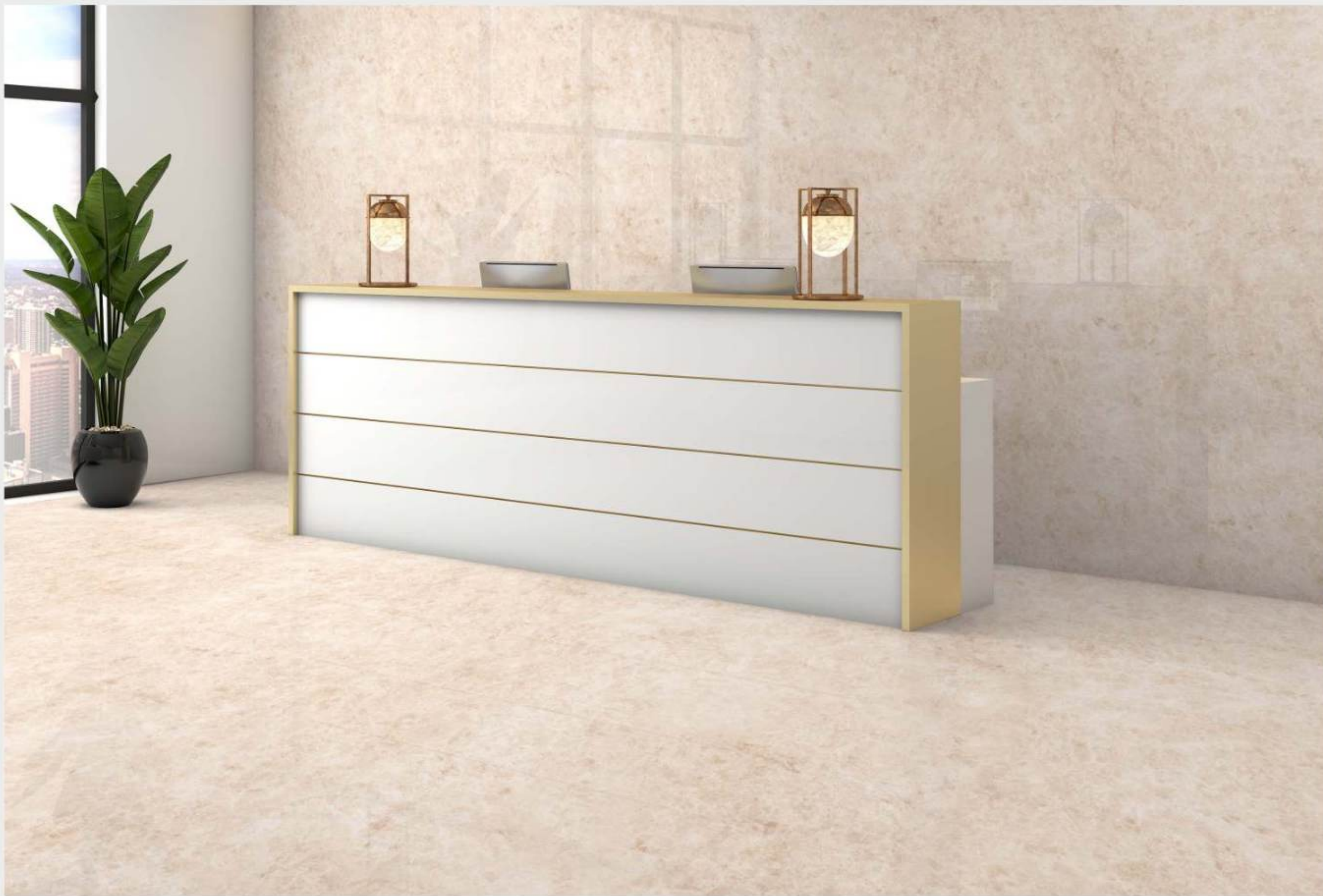


RANDOM
PATTERN DESIGN



V3
COLOR VARIATION

POLAGRESS



GLITER CREMA

CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



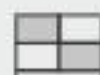
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SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



V3
COLOR VARIATION

POLAGRESS



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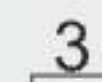
CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



RANDOM



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RANDOM
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COLOR VARIATION

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NATURAL TRAVENTINO

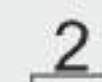
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SURFACE



COLOUR BODY



15 MM
THICKNESS



RANDOM



SLAB SIZE
1200X1800 MM

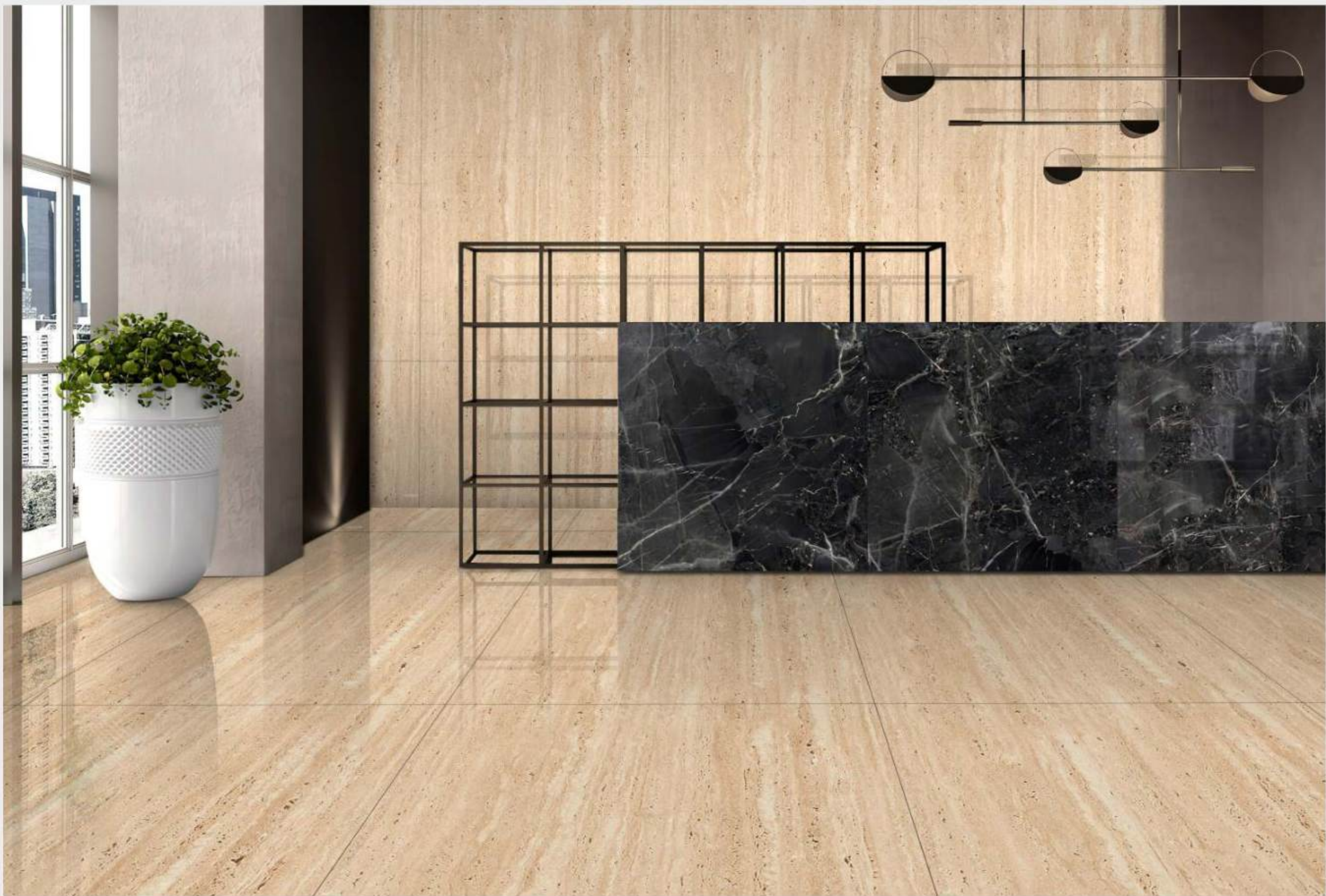


RANDOM
PATTERN DESIGN



V3
COLOR VARIATION

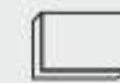
POLAGRESS





PIECE WHITE

CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



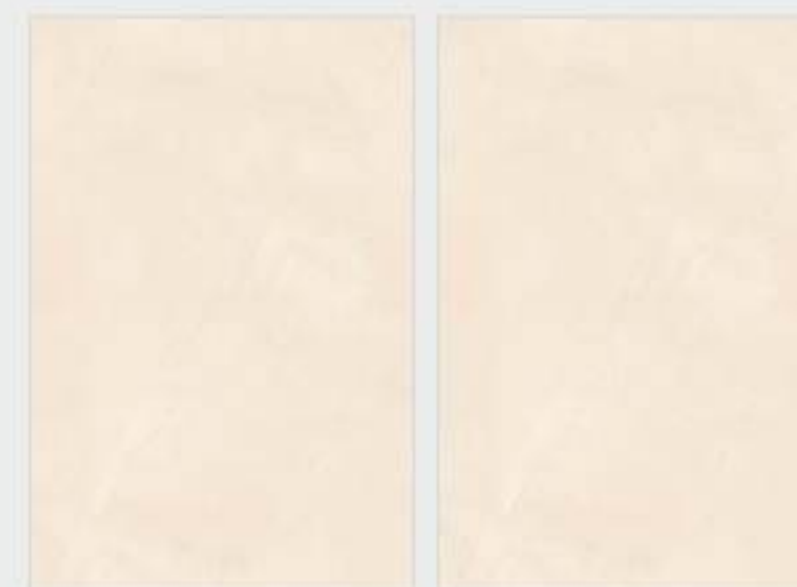
V3
COLOR VARIATION

POLAGRESS



PIETRA BEIGE

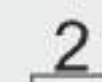
CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



2
RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



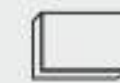
V3
COLOR VARIATION

POLAGRESS



ROX NATURAL

CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



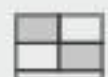
RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



V3
COLOR VARIATION

POLAGRESS



SARREN CREMA

CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



4
RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



V3
COLOR VARIATION

POLAGRESS



TAJ MAHAL

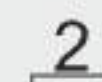
CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



V3
COLOR VARIATION

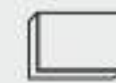
POLAGRESS





VATSH SPANISH

CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



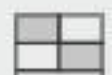
RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



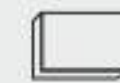
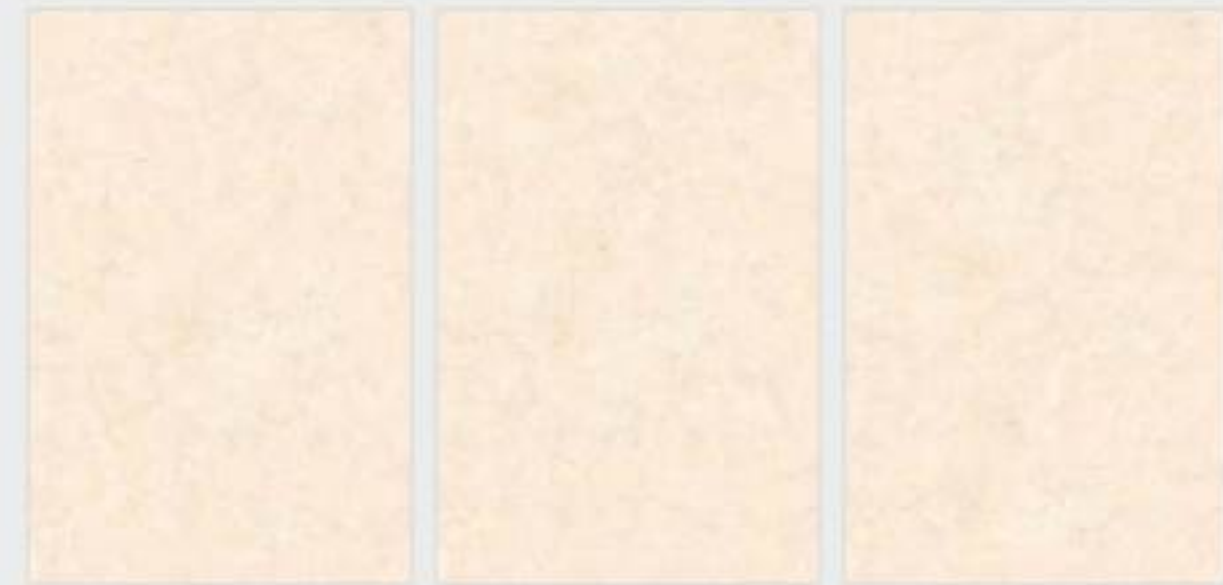
V3
COLOR VARIATION

POLAGRESS



VEGAS CREMA

CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



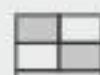
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SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



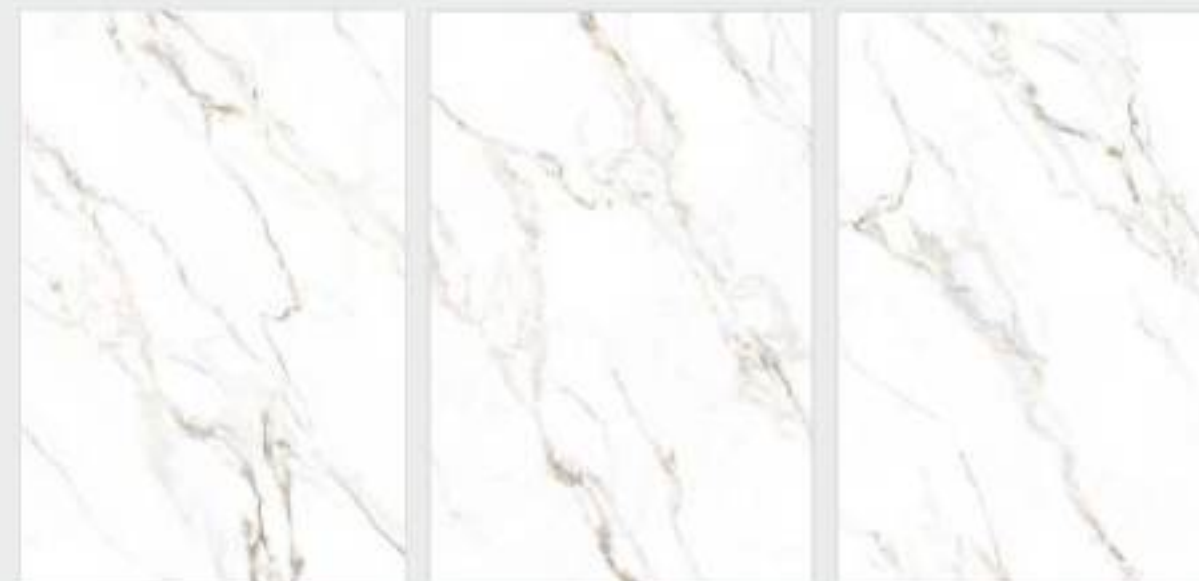
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COLOR VARIATION

POLAGRESS



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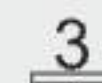
CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



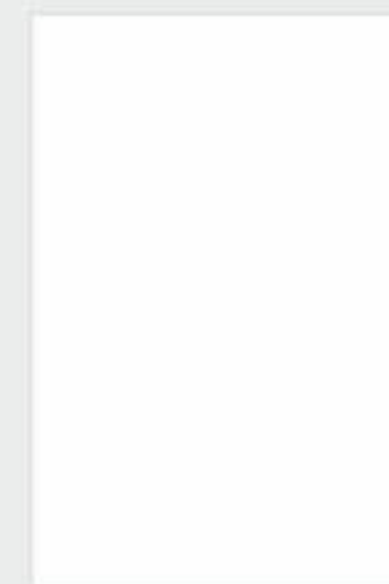
V3
COLOR VARIATION

POLAGRESS



CRYSTAL WHITE

CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



RANDOM



SLAB SIZE
1200X1800 MM

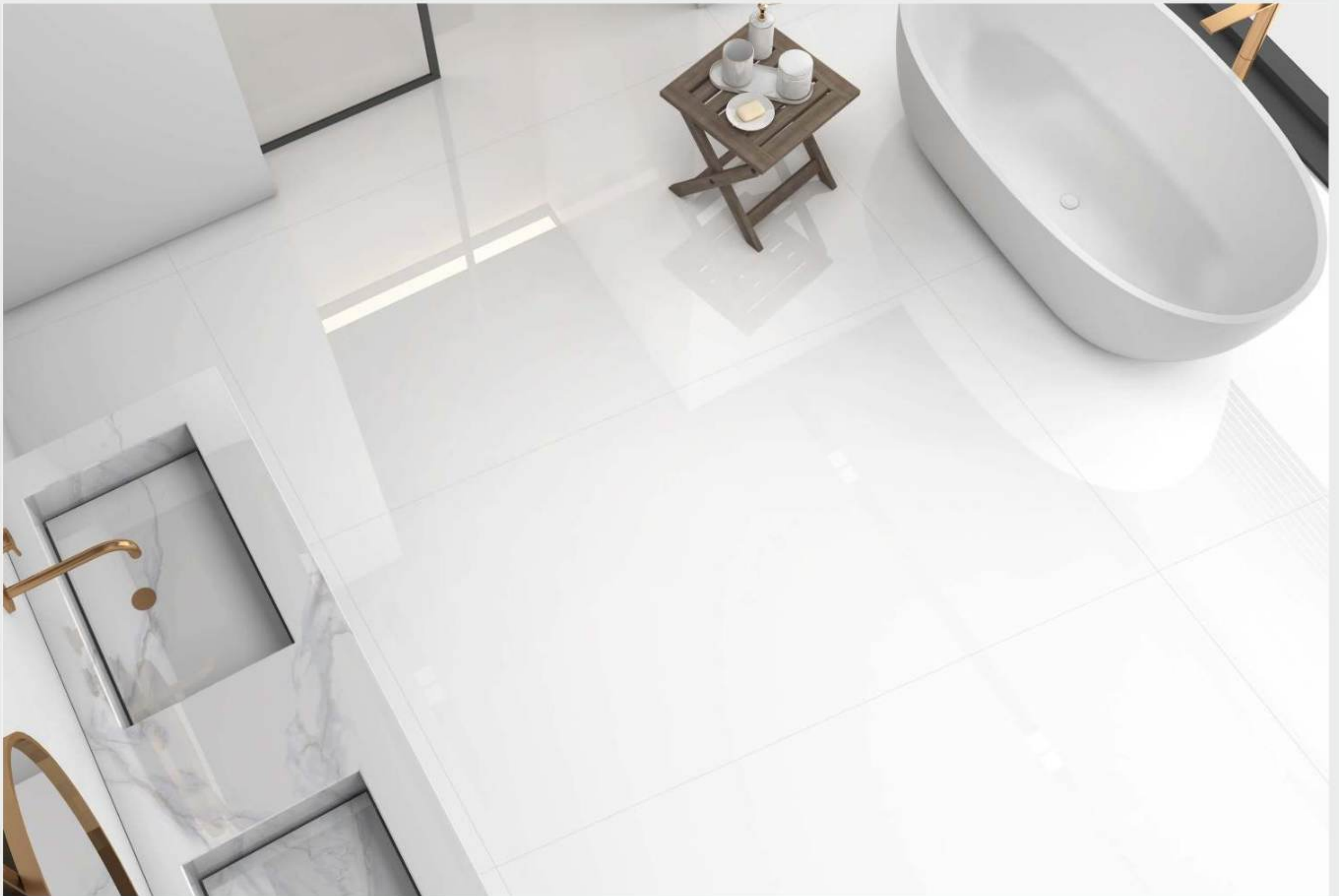


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PATTERN DESIGN



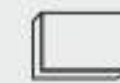
V3
COLOR VARIATION

POLAGRESS



CRYSTAL ICE

CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



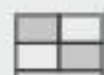
3
RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



V3
COLOR VARIATION

POLAGRESS





COLORADO FLIP

CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



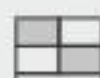
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SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



V3
COLOR VARIATION

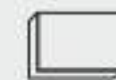
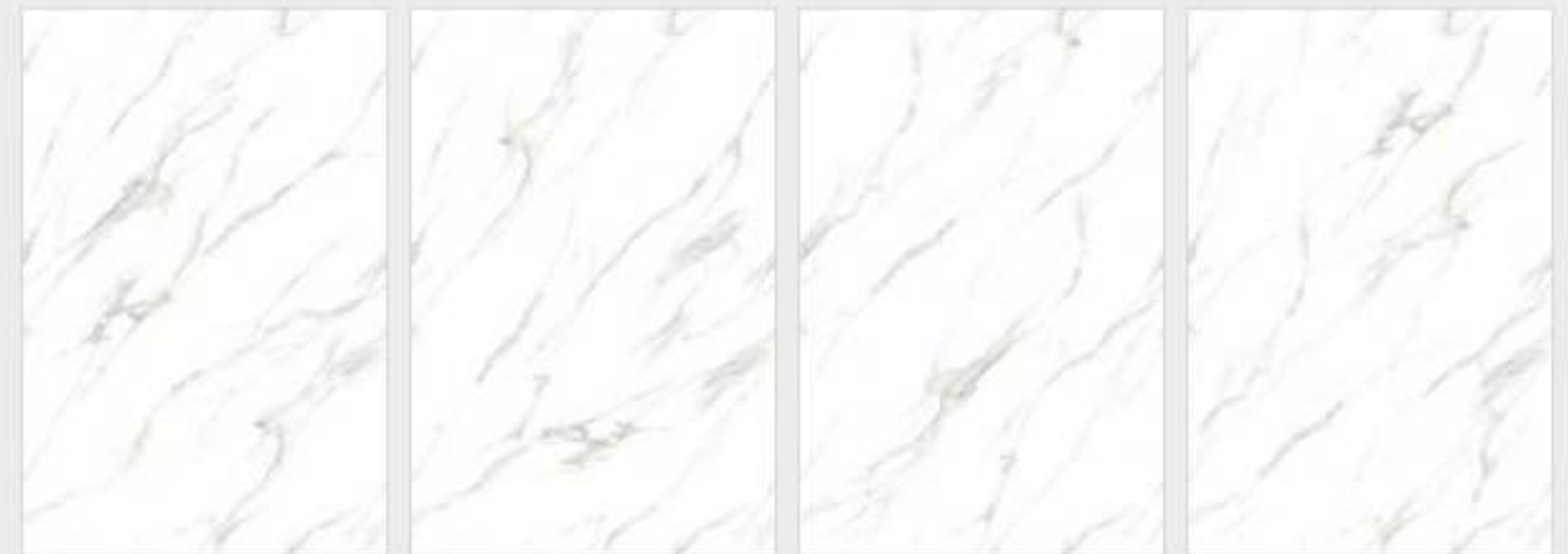
POLAGRESS





HIMALIYAN WHITE

CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



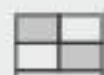
RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



V3
COLOR VARIATION

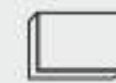
POLAGRESS





LONDON GREEN

CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



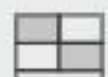
RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



V3
COLOR VARIATION

POLAGRESS



ONYX SKY WHITE

CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



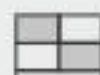
3
RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



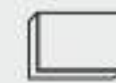
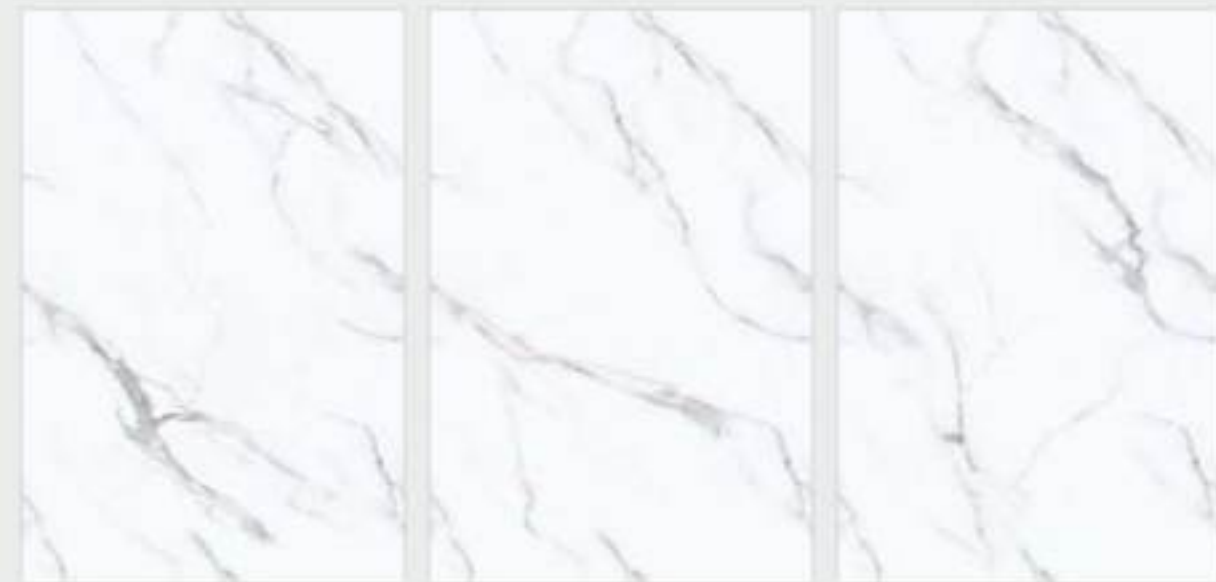
V3
COLOR VARIATION

POLAGRESS



STATURIO ASPEN

CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



V3
COLOR VARIATION

POLAGRESS



VICTORIA WHITE

CRYSTAL GLOSS ENDLESS
SURFACE



COLOUR BODY



15 MM
THICKNESS



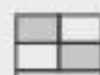
RANDOM



SLAB SIZE
1200X1800 MM



RANDOM
PATTERN DESIGN



V3
COLOR VARIATION

POLAGRESS



TECHNICAL SPECIFICATION

CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 Gr.Bla	STANDARD AS PER IS 15622:2017 Gr.Bla	METHOD OF TESTING	MEAN VALUE OF
Regulatory Properties				
Deviation in Length and Width	±0.30 % (±100 mm)	±0.10 %	ISO 10545-2/IS 13630-1	± 0.30 %
Deviation in Thickness	±5.0 % (± 0.50 mm)	±5.0 %	ISO 10545-2/IS 13630-1	± 5.0 %
Straightness in Side	±0.30 % (± 0.80 mm)	±0.10 %	ISO 10545-2/IS 13630-1	± 0.30 %
Rectangularity	±0.30 % (±150 mm)	±0.10 %	ISO 10545-2/IS 13630-1	± 0.30 %
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)	ΔE <1.00	N.A.	ISO 10545-16	ΔE <0.80
Glossiness (Polished)	As per Manufacturer	As per Manufacturer	Gloss Meter 60°	≥ 90
Glossiness (Satin/Posh)	As per Manufacturer	As per Manufacturer	Gloss Meter 60°	15 ≤ Gloss Value ≤ 25
Structural Properties				
Water Absorption	≤0.50 %	≤0.080 %	ISO 10545-3/IS 13630-2	≤0.080 %
Bulk Density	As per Manufacturer	Min 2.20 g/cc	ISO 10545-3/IS 13630-2	> 2.28 g/cc
Massive Mechanical Properties				
Modulus of Rupture	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	Min 13000 N	Min 13000 N	ISO 10545-4/IS 13630-6	Min 60000 N
Surface Mechanical Properties				
MOHS Hardness #	As per Manufacturer	Min. 5	BS EN 15771/IS 13630-13	Polished Min 4**/Satin & Posh Min 6
Surface Abrasion Resistance #	As per Manufacturer	Min. Class II	ISO 10545-7/IS 13630-11	Polished Min 1**/Satin,Posh & Matt Min II
Thermal Hygrometric Properties				
Moisture Expansion	Max 0.06% (0.6 mm/m)	Max 0.02 mm/m	ISO 10545-10/IS 13630-3	Max 0.02 mm/m
Thermal Expansion(COE) at 100°C	As per Manufacturer	Max. 6.0 x 10-6	ISO 10545-8/IS 13630-4	Max. 6.0 x 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
Crazing Resistance at 7.5 bar	4 Cycle	4 Cycle	ISO 10545-11/IS 13630-9	4 Cycle
Chemical Properties				
Resistance to Staining Glazed	Min. Class 3	Min Class I	ISO 10545-14/IS 13630-8	Min. Class 3/Min. Class I
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 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 High Concentrate Acid and Alkalis Glazed	As per Manufacturer	As per Manufacturer	ISO-10545-13/IS 13630-8	Min Class GHB*** / Min Class A***
Safety Properties				
Skid Resistance -IDCOF-WET PENDULUM##	As per Manufacturer	As per Manufacturer	BS 7976-2	Glossy ≥PQ, Satin, Posh ≥P/Matt ≥P2
Slip Resistance -Satin/ Matt (IDCOF- R Value)##	As per Manufacturer	As per Manufacturer	DIN 51130	R9 to R13
Lead and Cadmium release	As per Manufacturer	N.A.	ISO-10545-15	Does not yield Pb &Cd

* Whichever is Lower

** With nano technology (Polished Vitrified tiles) Depending on Application area (low or high intensity of traffic)

*** Except Hydrofluoric Acid & it's compound

Tiles intended for use on floor

For Floor tiles, as per customer requirement

PACKING DETAILS

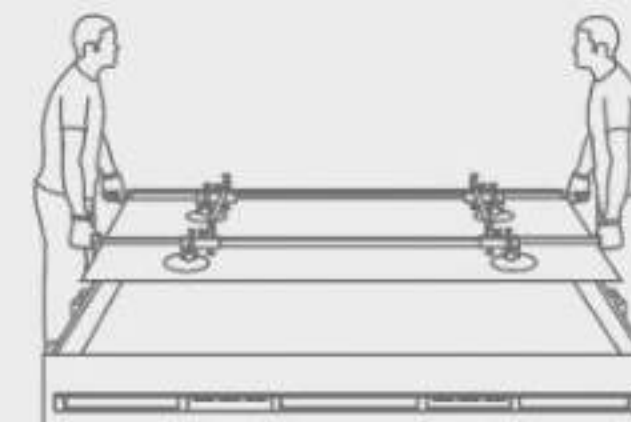
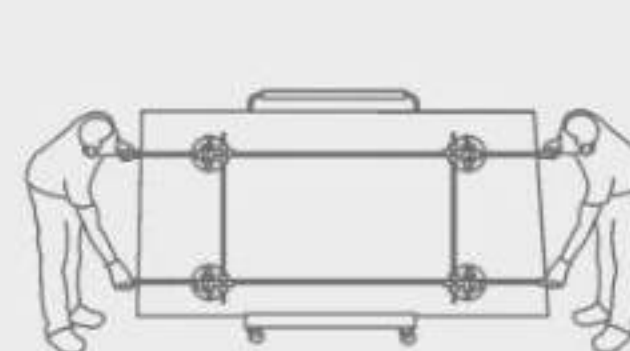
SIZE	ACTUAL SIZE	THICKNESS	TILES / BOX	COVERAGE AREA / BOX
120X180cm	1200x1800mm	15 mm	1 pc	2.16 sq ft - 23.25 sq ft

MANUALLY TRANSPORTING ULTIMA15 COUNTER TOP

POLAGRESS

Only for 1/4" Slabs

MOVING A ULTIMA15 COUNTERTOP



RAISING A ULTIMA15 COUNTERTOP ONTO A BENCH

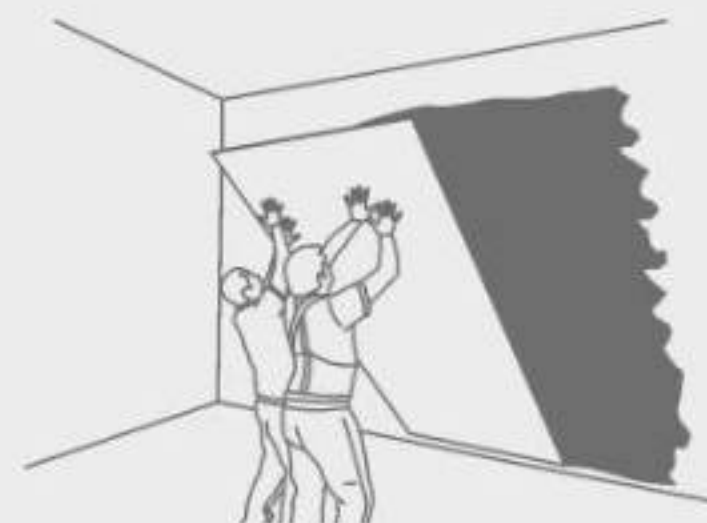


✗ INCORRECT

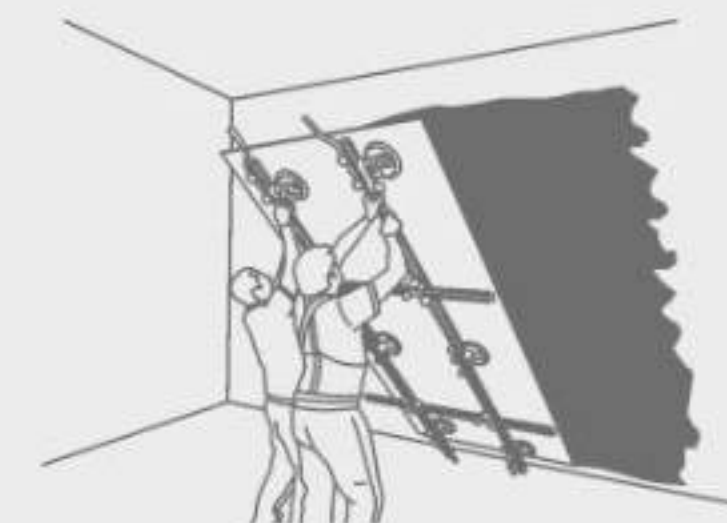


✓ CORRECT

HANDLING ULTIMA15 FOR WALL



✗ INCORRECT



✓ CORRECT

WORKING WITH THE VARIOUS VERSIONS OF ULTIMA15 COUNTERTOP

CUTTING WITH DIAMOND DISCS



Our products can be cut using diamond discs fitted onto the hand-held electrical grinding machine. The speed of Disc rotation must be high (>10000 RPM) and should have a low feed rate (< 1 m/min). It may be required to cool the disc with water. Recommended discs are the thin types generally used for cutting porcelain stoneware. The surface should be kept on a FLAT base while cutting without any gap underneath.

DRILLING



You can use cutting discs fitted to battery-operated screwdrivers or angle grinders, electrical drills as an alternative.

INTERNAL CUT / L-SHAPED CUT

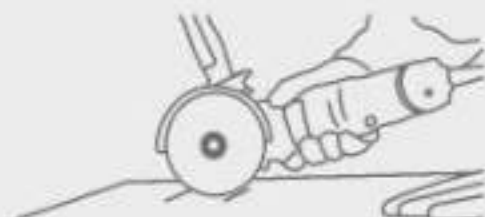


To get internal and L-shaped corners & to reduce the risk of breakage, round off the vertex of the internal corner using bits with a radius of at least 5mm. Then cut with diamond discs, be cautious to stop moving the cutting tool forward. To drill and cut using diamond discs, follow the instructions provided above.

When using these tools:

- Cool the point being drilled with water
- Don't put too much pressure and bear in mind the resistance of the type of laminated stoneware you are working on
- If you are using tungsten bits, start drilling at a low speed
- If you are using drills or screwdrivers, do not select hammering mode

EDGE-FINISHING



POLAGRESS

INSTRUCTIONS FOR MANUAL INSTALLATION

SINGLE LAYER METHOD



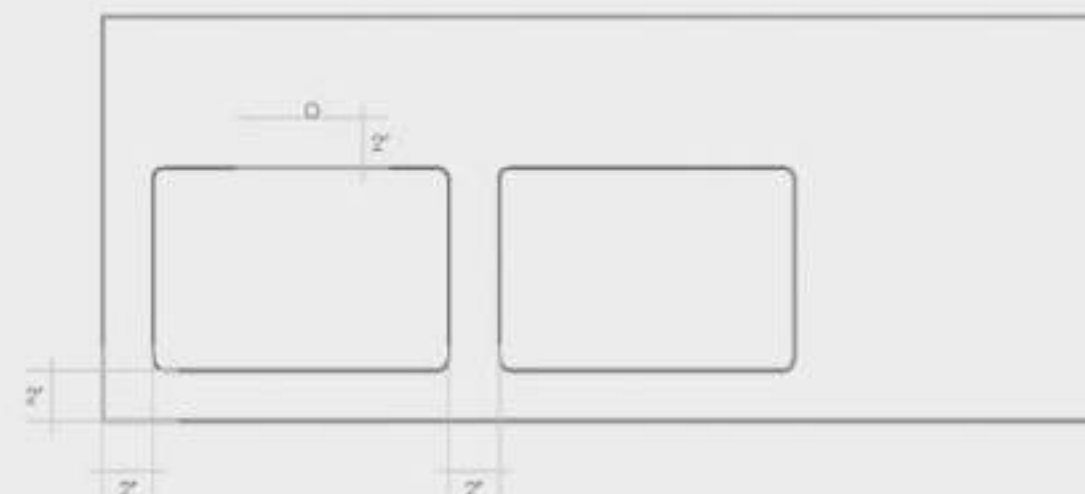
DOUBLE-LAYER METHOD



COMPRESSING THE TILE



CUTOUT DESIGN



The minimum gap between a cutout and the edge of the slab must be at least 2". The size recommends distances greater than 2" when the kitchen design allows as it makes the countertop firmer.

IMPORTANT

All cutout corners must have a minimum diameter of 1/4". Never leave 90° angles. We recommend radiuses of more than 1/4" when the kitchen the design allows as it makes the countertop firmer.



✓ CORRECT



✗ INCORRECT



✗ INCORRECT



✗ INCORRECT

POLAGRESS

MEGA SLAB 1200x1800mm.