



**LOOK
AT
NEW**

with
endless
tile possibilities.

**1200x
2800mm**

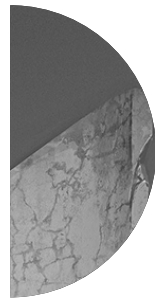
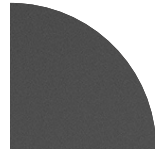
HIGHGLOSSY

www.volarkint.com

About Us

Our company was established in 2014 to carry out a special mission to provide access to the finest quality of ceramic tiles all across the globe. Together as a team, we have the vision to prosper in our covet domain.

www.volarkint.com



R&D TECHNOLOGY

Research & Technological innovation has always been one of our strength. From past few years, we have upgraded at all levels, from unit expansion, especially in raw materials, machineries and manufacturing process, leading to finest tiles and quality.

Our range of products are not only vast, but also technologically advanced. As we keep improving our designs and technologies, we remember our roots and our journey.



RE- IMAGINE

Marble : Statuario,
contemporary elegance
for bold spaces.

1200x
2800mm | Finish
Highglossy

Thickness
9 mm

LIVE YOUR STYLE
EVERYWHERE.



Marmo
Calacatta



Highglossy
Finish



03
Random

1200x
2800mm

Marmo Calacatta



R-01



R-02



R-03



High
Strength



Multiple
Application



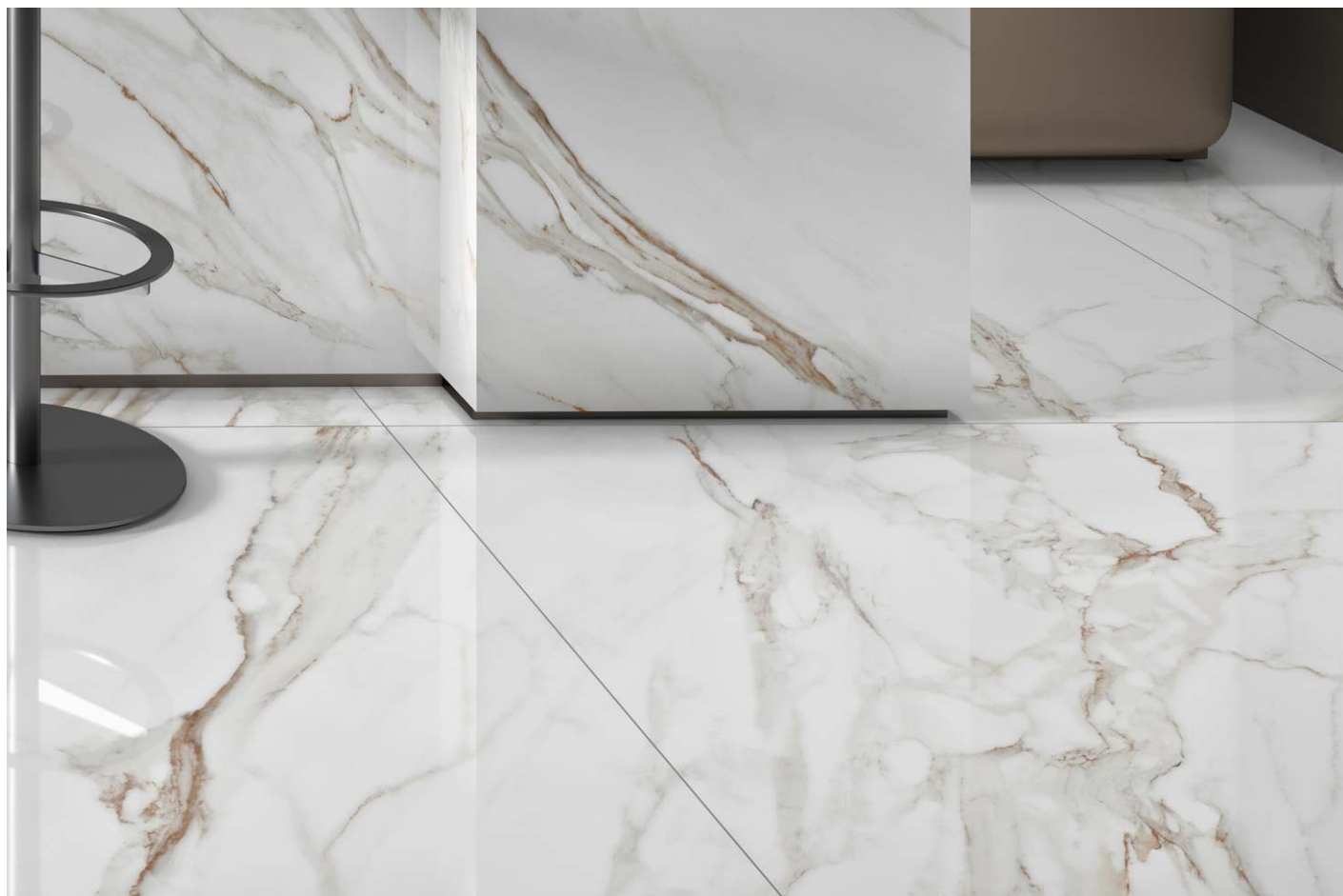
Eco
Friendly



Zero
Maintenance



Marmo Calacatta



Mammo
Capraia Allure

Highglossy
Finish

02
Random

Book Match

1200^x
2800mm

Mammo
Capraia Allure



R-01



R-02



High
Strength



Multiple
Application



Eco
Friendly



Zero
Maintenance



Mammo Capraia Allure



Mammo
Lasa Classico



Highglossy
Finish



02
Random



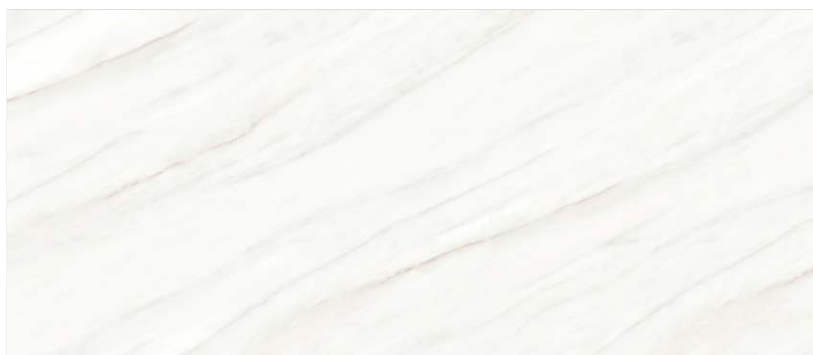
Book Match

1200^x
2800mm

Marmo
Lasa Classico



R-01



R-02



High
Strength



Multiple
Application



Eco
Friendly



Zero
Maintenance



Marmo Lasa Classico



Marmo
Majestic Brown



Highglossy
Finish



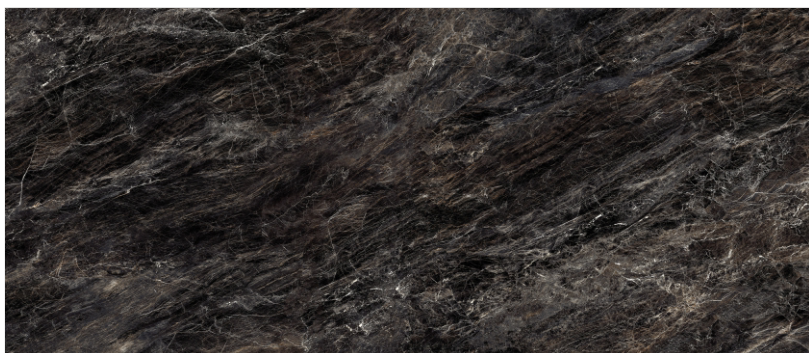
05
Random

1200x
2800mm

Marmo Majestic Brown



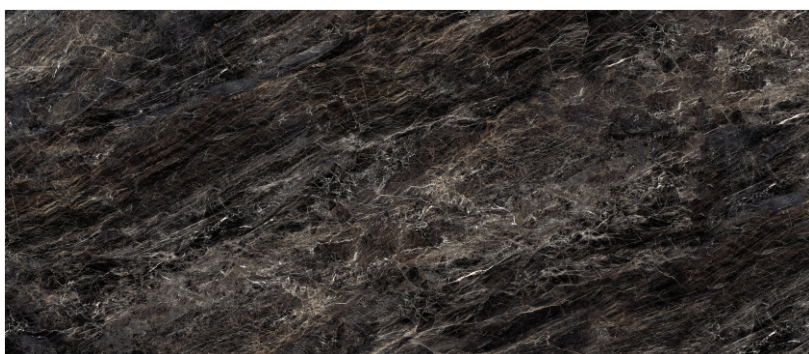
R-01



R-02



R-03



R-04



High
Strength



Multiple
Application



Eco
Friendly



Zero
Maintenance



Marmo Majestic Brown



Mammo
Onyx



Highglossy
Finish



04
Random

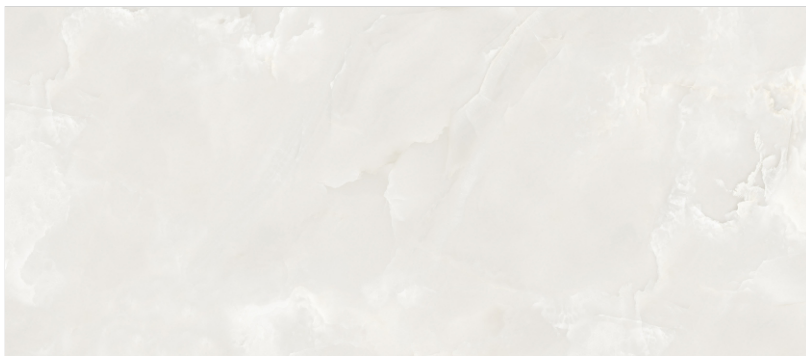
1200^x
2800mm



R-01



R-02



R-03



R-04



High
Strength



Multiple
Application



Eco
Friendly



Zero
Maintenance



Marmo Onyx



Mammo
Silver Root



Highglossy
Finish



03
Random

1200^x
2800mm

Marmo Silver Root



R-01



R-02



R-03



High
Strength



Multiple
Application



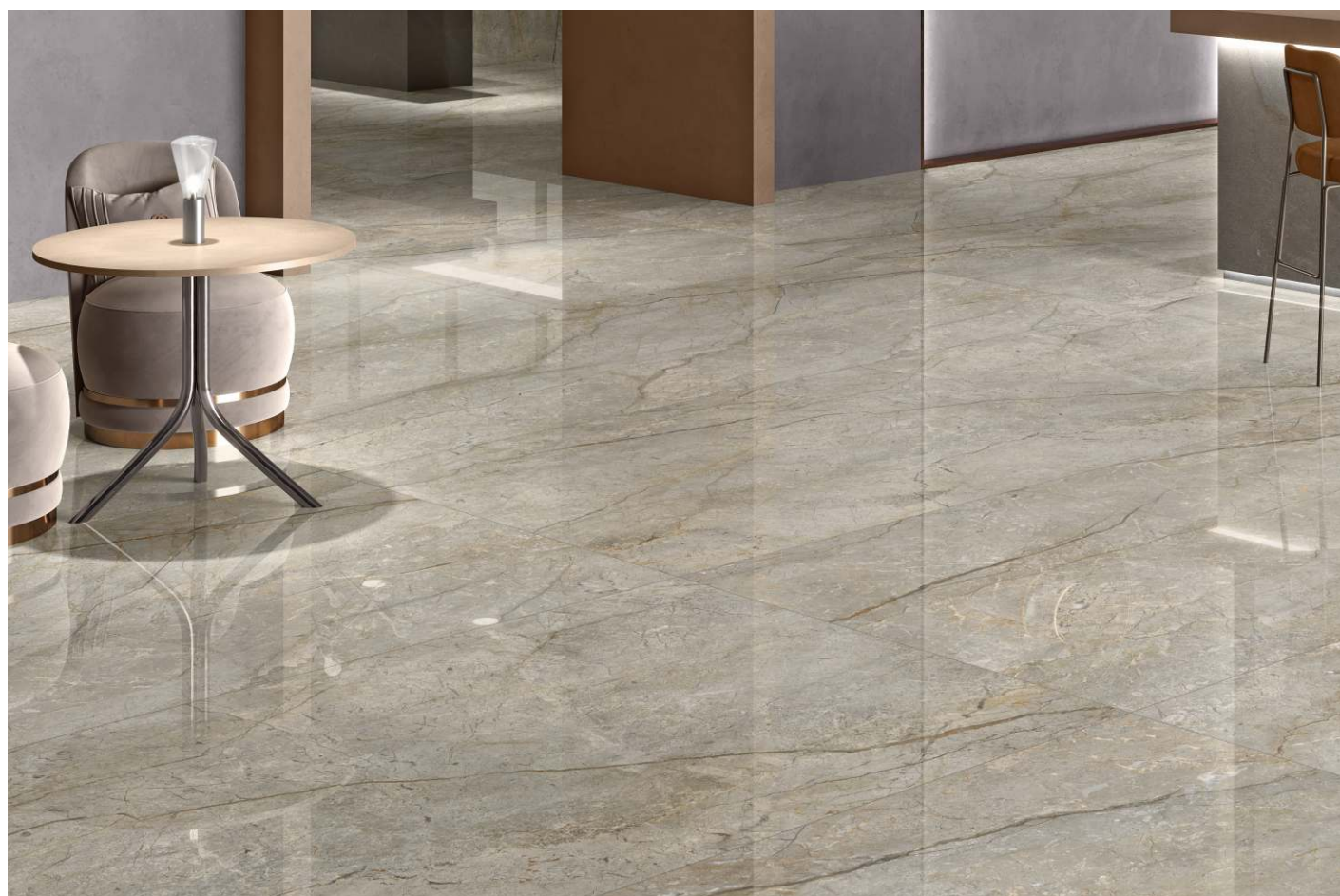
Eco
Friendly



Zero
Maintenance



Marmo Silver Root



Mammo
Statuario

Highglossy
Finish

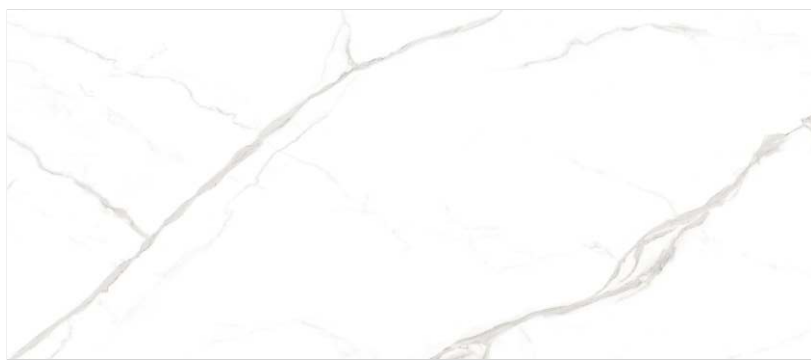
05
Random

1200^x
2800mm

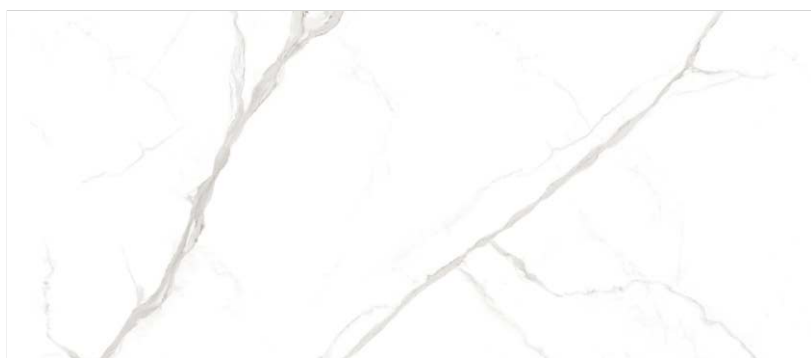
Marmo Statuario



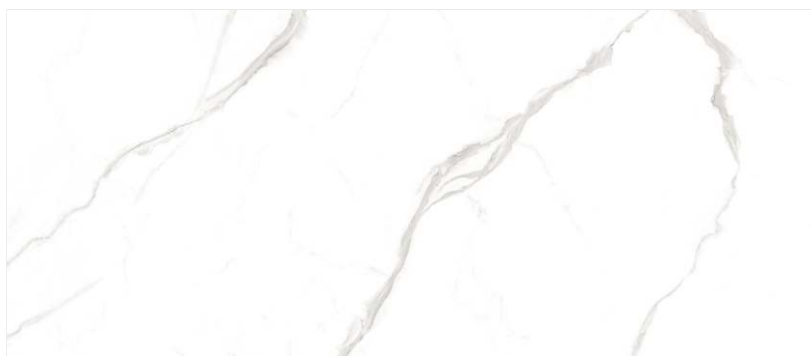
R-01



R-02



R-03



R-04



High
Strength



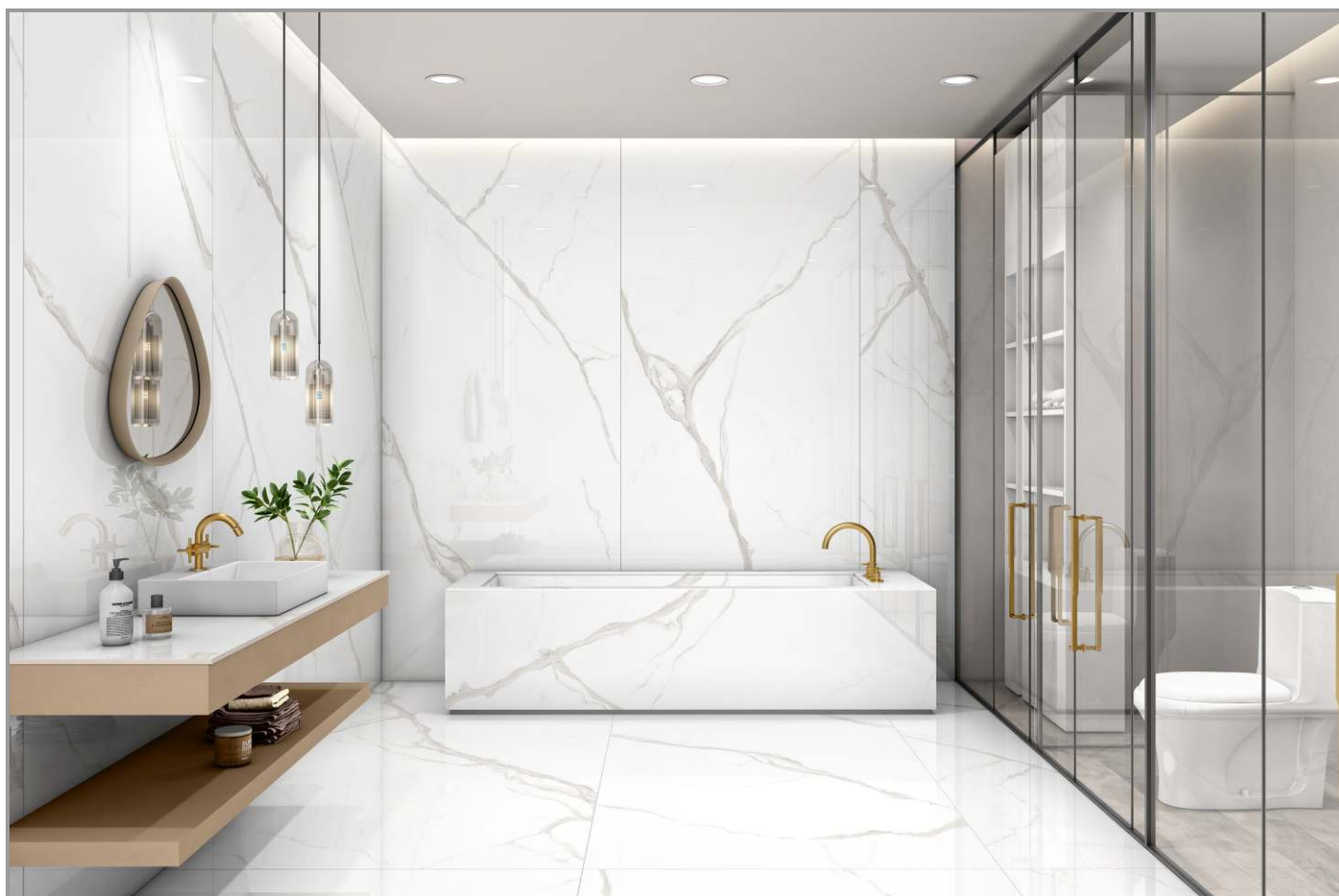
Multiple
Application



Eco
Friendly



Zero
Maintenance



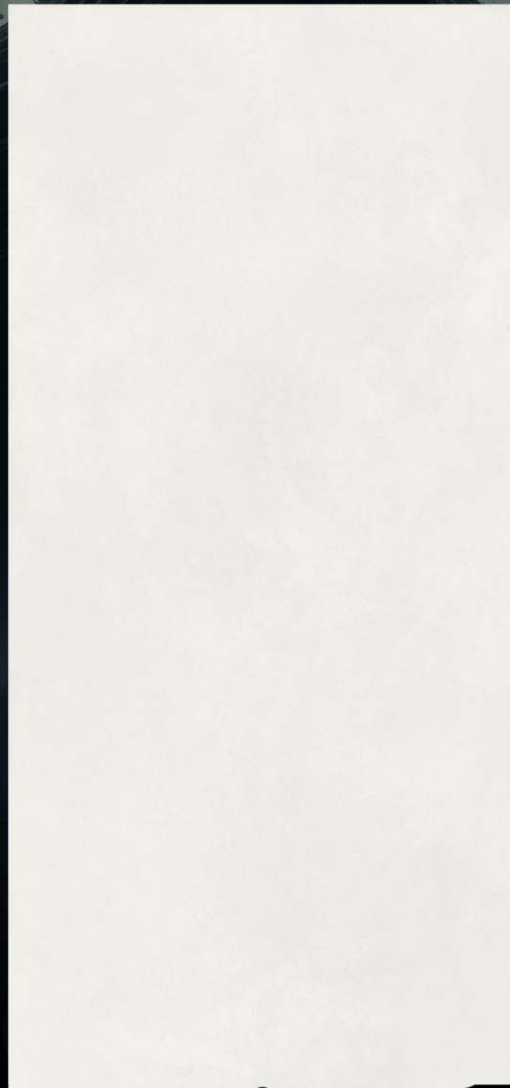
Marmo Statuario



R&D TECHNOLOGY

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Our range of products are not only vast, but also technologically advanced. As we keep improving our designs and technologies, we remember our roots and our journey.



Epic
Bianco



Matt
Finish

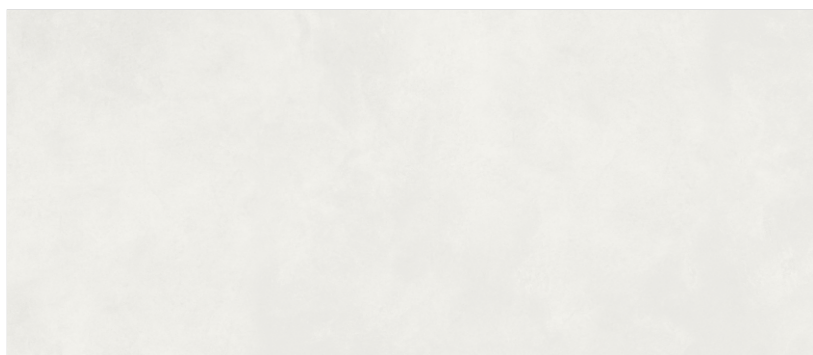


03
Random

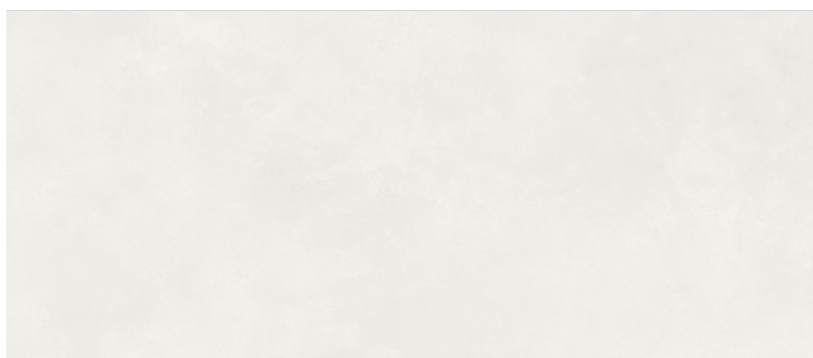
1200^x
2800mm



R-01



R-02



R-03



High
Strength



Multiple
Application



Eco
Friendly



Zero
Maintenance



Epic Bianco



Epic
Slate



Matt
Finish



03
Random

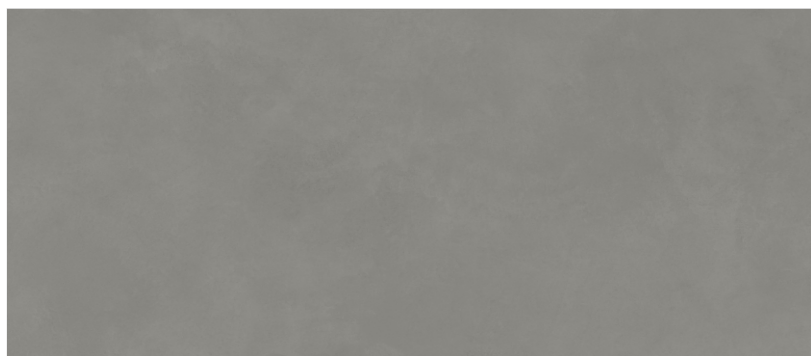
1200x
2800mm



R-01



R-02



R-03



High
Strength



Multiple
Application



Eco
Friendly



Zero
Maintenance



Epic Slate



R&D TECHNOLOGY

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Marmo
Lasa Elegante



Satin
Finish



03
Random

1200^x
2800mm

Marmo
Lasa Elegante



R-01



R-02



R-03



High
Strength



Multiple
Application



Eco
Friendly



Zero
Maintenance



Marmo Lasa Elegante



Marmo
Nuevo Osaka



Satin
Finish



03
Random

1200^x
2800mm

Marmo Nuevo Osaka



R-01



R-02



R-03



High
Strength



Multiple
Application



Eco
Friendly



Zero
Maintenance



Marmo Nuevo Osaka



Marmo
Travertine Beige

Satin
Finish

03
Random

1200^x
2800mm

Marmo
Travertine Beige



R-01



R-02



R-03



High
Strength



Multiple
Application



Eco
Friendly



Zero
Maintenance



Marmo Travertine Beige



CLEANING & MAINTENANCE

Our products are non porous (due to their high quality raw materials, stringent production parameters and state of the art technology), hence any dust or deposited waste cannot penetrate the surface.

For most cases only a damp cloth is sufficient for cleaning.

Regular cleaning highlights the aesthetic features of the surface and gives it exceptional shine.

For highly aggressive cleaning caused by some common food and substances follow the table below.

TYPES OF STAIN	CHEMICAL PRODUCT	EXAMPLE
Grease	Alkaline - Solvent	Detergent
Oil	Solvent	Ammonia, Baking Soda
Ink	Oxidant - Solvent	Alcohol, Liquid Bleach, Nail Paint Remover
Rust	Acid	Hydrochloric Acid, Vinegar, Red Harpic
Lime	Acid	Descaling Reagent, Hydro Chloric Acid
Cement	Acid	Hydro Chloric Acid
Wine	Alkaline	Ammonia, Liquid Bleach
Coffee	Alkaline - Solvent	Ammonia, Liquid Bleach
Rubber	Solvent	Alcohol, Thinner
Plaster	Acid	Hydro Chloric Acid
Candle Wax	Solvent	Alcohol, Thinner
Iodine	Oxidant	Liquid Bleach
Blood	Oxidant	Liquid Bleach
Ice Cream	Alkaline	Liquid Bleach

Note: It is recommended that any kind of stain needs to get clean immediately / as soon as possible.

PACKING DETAILS

BOX WEIGHT	NO OF SLAB/BOX	SQ.METER	THICKNESS
70 kg	1pcs	3.34 sq.meter	9MM

TECHNICAL SPECIFICATION

CHARACTERISTIC	STANDARD AS PER ISO18006:2012/ EN14411 Gr.BIa	STANDARD AS PER IS15622:2017 Gr.BIa	MEAN VALUE OF SIMPOLO	TEST METHOD
Regulatory Properties				
Deviation in length and width	± 0.50 %	± 0.10 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Deviation in thickness	± 5.00 %	± 5.00 %	± 4.00 %	ISO 10545-2 & IS 13630-1
Straightness in side	± 0.50 %	± 0.10 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Rectangularity	± 0.60 %	± 0.10 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Surface flatness Central Curvature	± 0.50 %	± 0.50 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Surface flatness Edge Curvature	± 0.50 %	± 0.50 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Surface flatness Warpage	± 0.50 %	± 0.50 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Surface Quality	> 95% defects free	> 95% defects free	> 95% defects free	ISO 10545-2 & IS 13630-1
Small Color Difference	ΔE < 0.75	N.A.	No Change	ISO 10545-16
Glossiness (With Nano Polished)	As per Manufacturer	As per Manufacturer	> 90**	Gloss Meter 60°
Glossiness (Without Polished)	As per Manufacturer	As per Manufacturer	7° < GLOSS < 14**	Gloss Meter 60°
Glossiness (Satin)	As per Manufacturer	As per Manufacturer	15° < GLOSS < 25**	Gloss Meter 60°
Structural Properties				
Water absorption	≤ 0.50 %	≤ 0.080 %	≤ 0.050 %	ISO 10545-3 & IS 13630-2
Bulk density	> 2.00 g/cc	Min. 2.20 g/cc	> 2.28 gm/cc	DIN51082 & IS 13630-2
Massive Mechanical Properties				
Modulus of rupture	Min. 35.0 N/mm²	Min. 35.0 N/mm²	Min. 37.0 N/mm²	ISO 10545-4 & IS 13630-6
Breaking strength thickness <7.5	Min. 700.0 N	Min. 700.0 N	Min. 1000.0 N	ISO 10545-4 & IS 13630-6
Breaking strength thickness ≥7.5	Min. 1300.0 N	Min. 1300.0 N	Min. 1600.0 N	ISO 10545-4 & IS 13630-6
Surface Mechanical Properties				
MOH'S hardness	Min. 4	Min. 5	Min 4**	EN 101 & IS 13630-13
Surface abrasion resistance-Glossy #	As per Manufacturer	Min. Class II	Min. Class 2 / Min. Class II	ISO 10545-7 & IS 13630-11
Surface abrasion resistance-Matt #	As per Manufacturer	Min. Class II	Min. Class 3 / Min. Class II	ISO 10545-7 & IS 13630-11
Thermal Hygrometric Properties				
Moisture expansion	Max. 0.06	Max. 0.02	NIL	ISO 10545-10 & IS 13630-3
Thermal expansion(COE) at 100°C	As per Manufacturer	Max. 7.0 x 10 ⁻⁶	Max. 6.0 x 10 ⁻⁶	ISO 10545-8 & IS 13630-4
Thermal shock resistance	Min. 10 Cycle	Min. 10 Cycle	Min. 10 Cycle	ISO 10545-9 & IS 13630-5
Crazing Resistance at 7.5 Bar	As per Manufacturer	Min. 4 Cycle	Min. 6 Cycle	ISO 10545-11 & IS 13630-9
Impact resistance(COR)	As per Manufacturer	Min. 0.55	Min. 0.55	ISO 10545-5 & IS 13630-14
Frost resistance	As per Manufacturer	As per Manufacturer	Frost Proof	ISO 10545-12 & IS 13630-10
Chemical Properties				
Resistance to Staining Glazed	Min. Class 3	Min. Class I	Min. Class 4/Min. Class I	ISO 10545-14 & IS 13630-8
Resistance to Household Chemicals & Swimming Pool Salts Glazed	Min. Class GB	Min. Class AA	Min. Class GA/Min. Class AA	ISO 10545-13 & IS 13630-8
Resistance to Low Concentrate Acid and Alkalis Glazed	As per Manufacturer	As per Manufacturer	Min. Class GLB*/Min. Class A***	ISO 10545-13 & IS 13630-8
Resistance to High Concentrate Acid and Alkalis Glazed	As per Manufacturer	As per Manufacturer	Min. Class GHB*/Min. Class A***	ISO 10545-13 & IS 13630-8
Safety Properties				
Skid resistance(DCOF-DRY)	As per Manufacturer	As per Manufacturer	> 0.40	ISO 10545-17
Slip resistance(DCOF) (R value)##	As per Manufacturer	As per Manufacturer	N.A.	ISO 10545-17
Determination of Lead & Cadmium Release for Glazed Tiles	As per Manufacturer	N.A.	Dose not yield Pb & Cd	ISO 10545-15
Fire Resistance	As per Manufacturer	As per Manufacturer	Fire Proof	N.A.

* Glossiness 90% with nano technology

** Without nano technology (Unpolished Vitrified tiles)

*** Except Hydrofluoric Acid & it's compound

Glaze tiles Intended for use on floor

As per customer requirement



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