Leonith™

MARMO ESTETICO



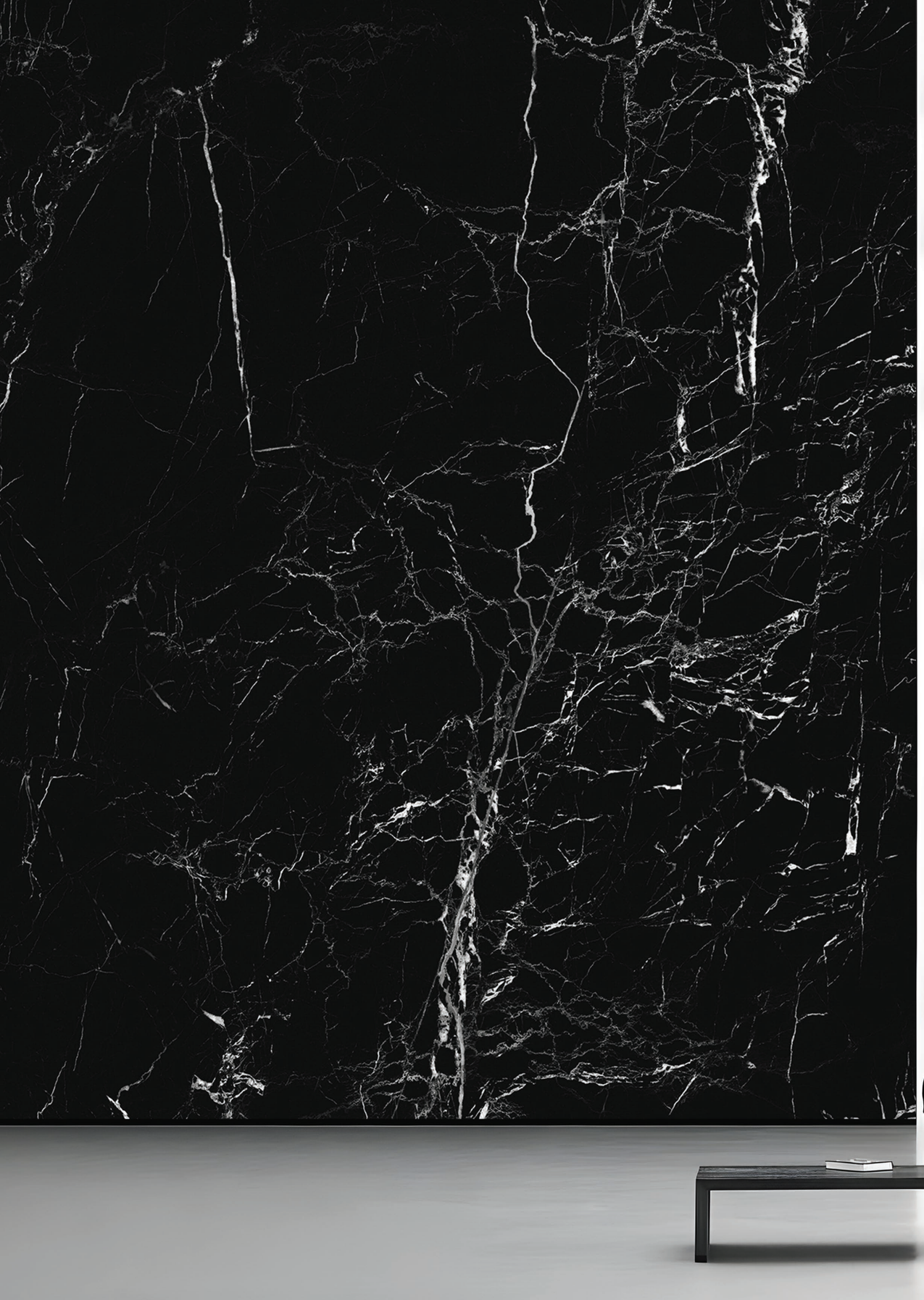
1600 x 3200 MM

CATALOG 2024

Bigger **Bolder Better.**

Where Size Becomes a Statement.





BIG SLABS MAKE A ‘**BOLD**’ STATEMENT IN ANY SPACE.

At Leonith Ceramics LLP, we specialize in crafting Big Slabs that redefine the concept of surface design, making a bold statement in any space they grace. Our business is built upon a foundation of innovation, precision engineering, and a commitment to excellence.

ELEVATING SPACES WITH PROFESSIONAL GRADE

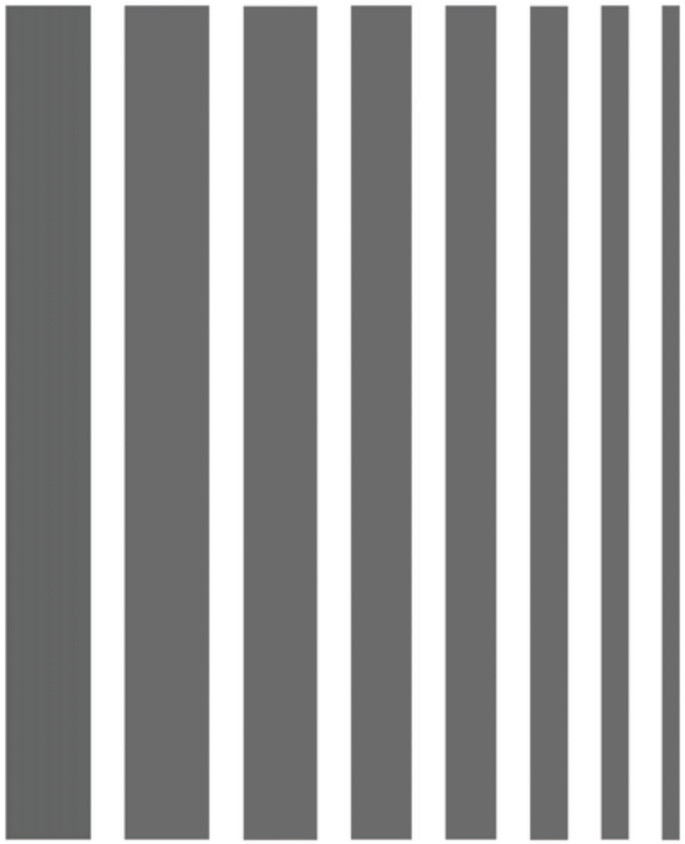
Indulge in the epitome of sophistication as you step into our distinguished collections, where the fusion of professional-grade performance with cutting-edge innovations forms an unparalleled tapestry of luxury.





FLEXO
SERIES

Thickness is the silent architect sculpting the resilience of ceramics, dictating strength, heat resistance, and beauty in a delicate dance of substance and form.



{ 6mm 9mm 12mm **20mm** }

Thickness Range



FEATURES

100%
WATERPROOF

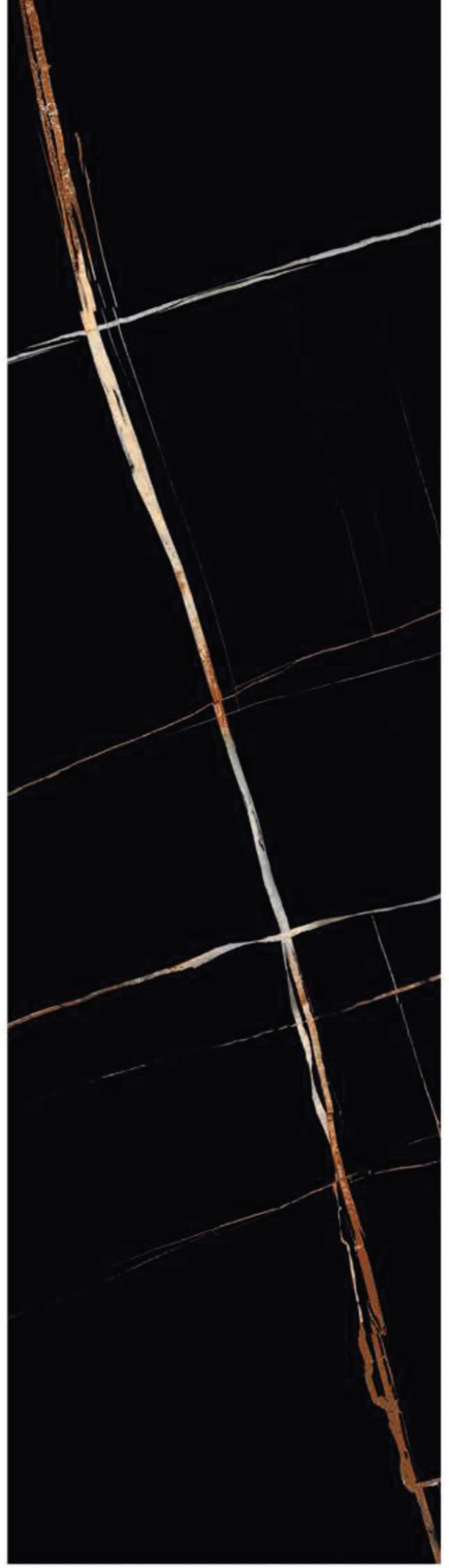
RESISTANT TO
SCRATCHES

EASY TO
CLEAN

RESISTANT TO HIGH
TEMPERATURES

RESISTANT TO
UV RAYS

RESISTANT TO
BENDING



Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

STATUARIO PEARL

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1







Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

LIMOD SILK

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1





Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

STATUARIO UNICO

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1





Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

ARABESCATO GOLD

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1



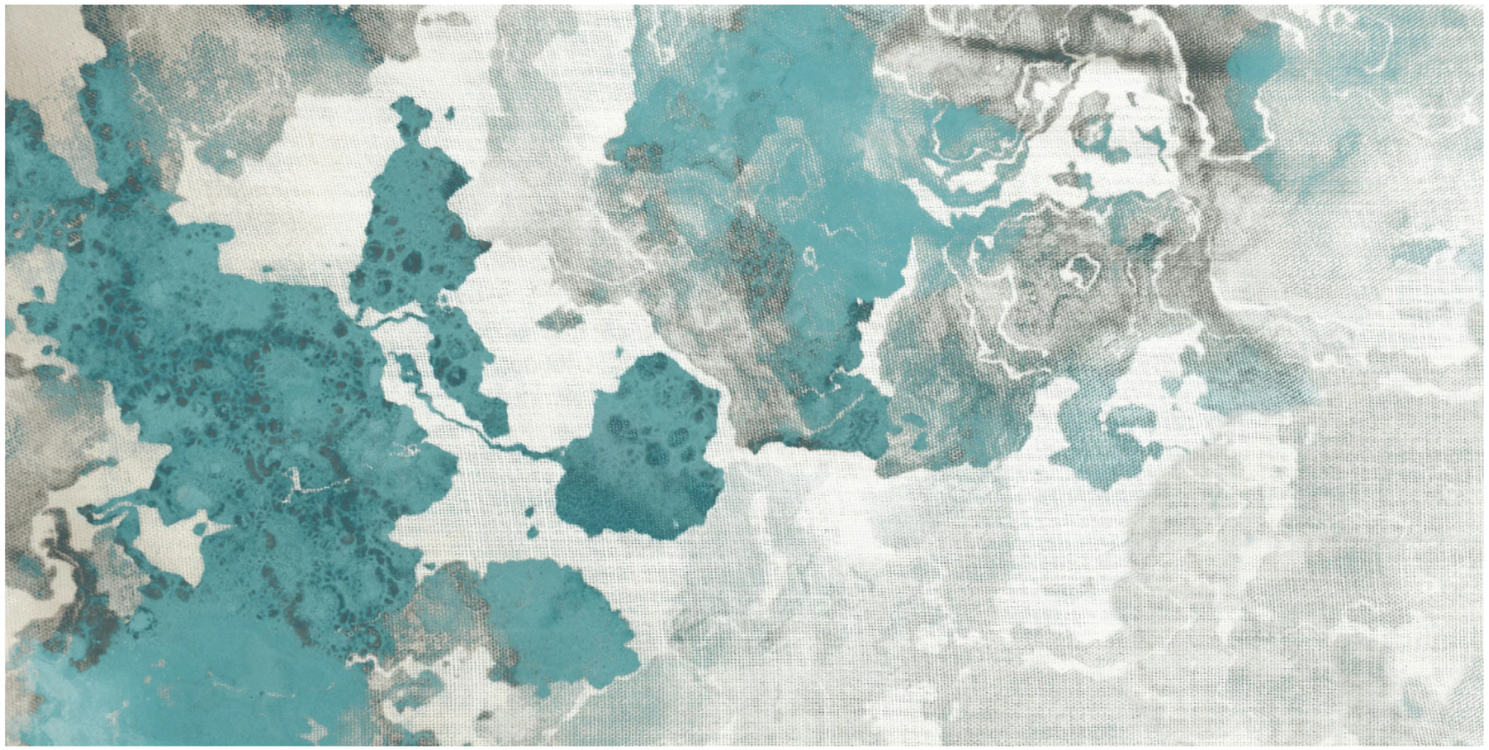


Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

ALFREDO AQUA

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1



Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

PEARL CREAM ONYX

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1



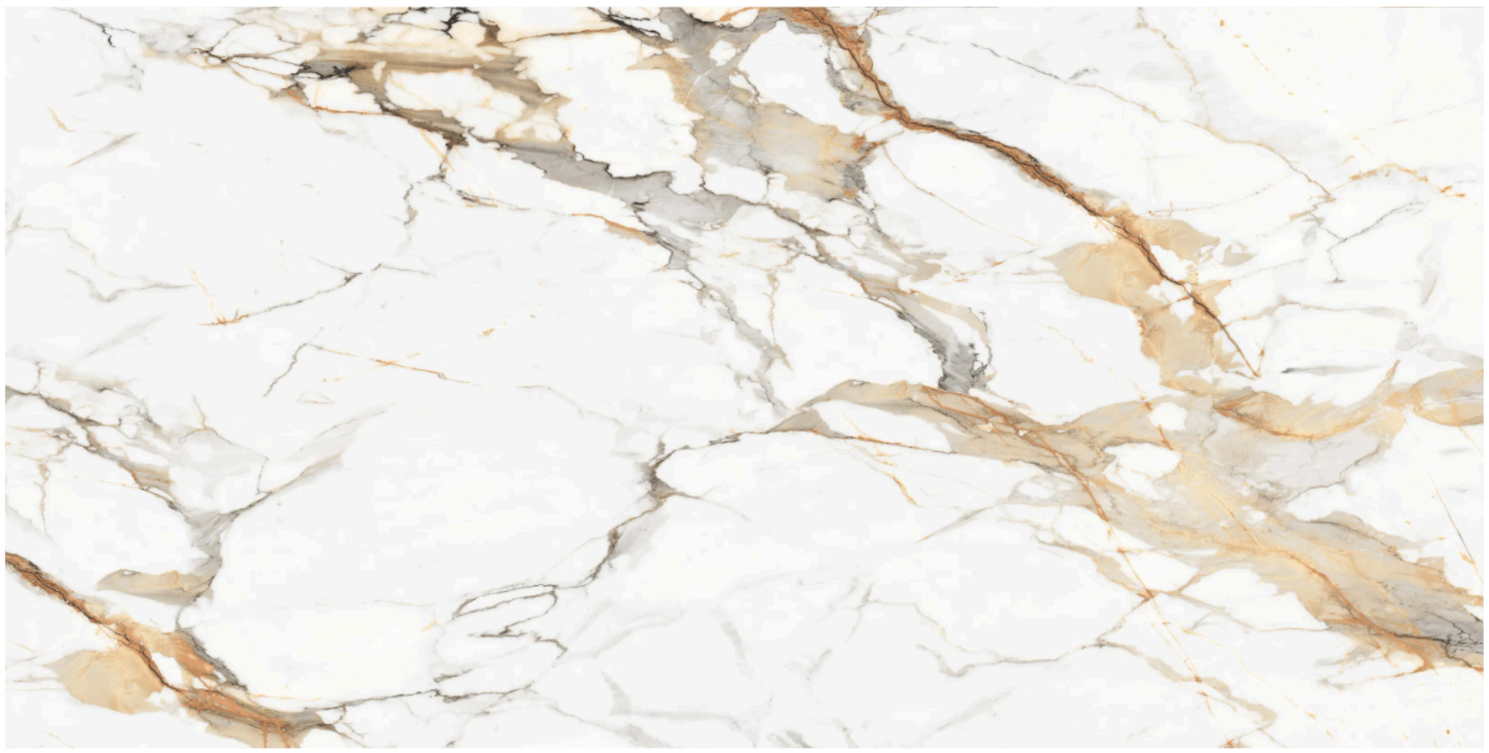


Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

CALCATTA ULTRA

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1





Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

STATUARIO ALTISSIMO

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1





Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

STATUARIO NATURAL

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1





Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

TRAVERTINE GREY

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1





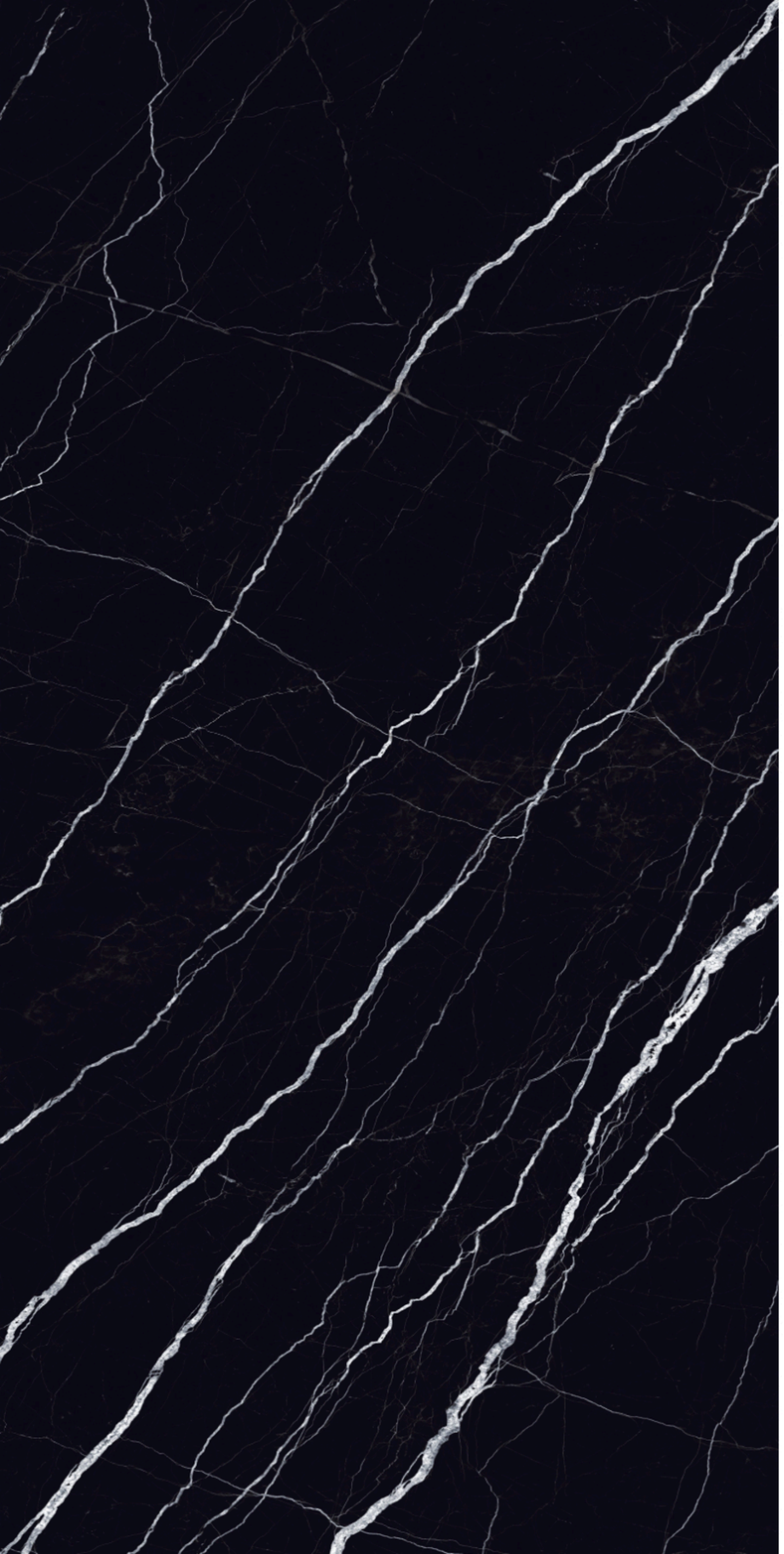
Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

PEARL WHITE ONYX

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1





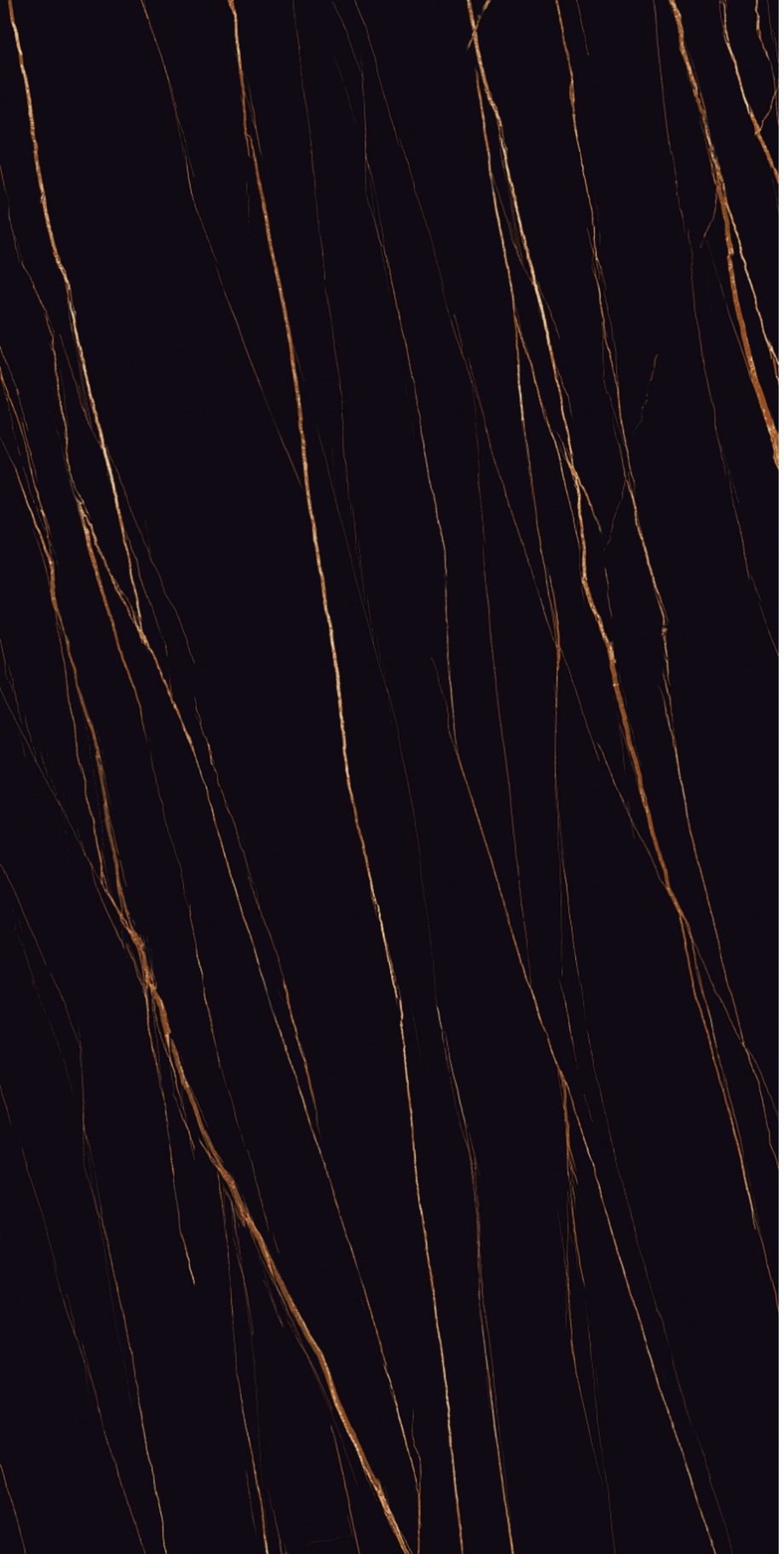
Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

MARQUINA NERO

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1



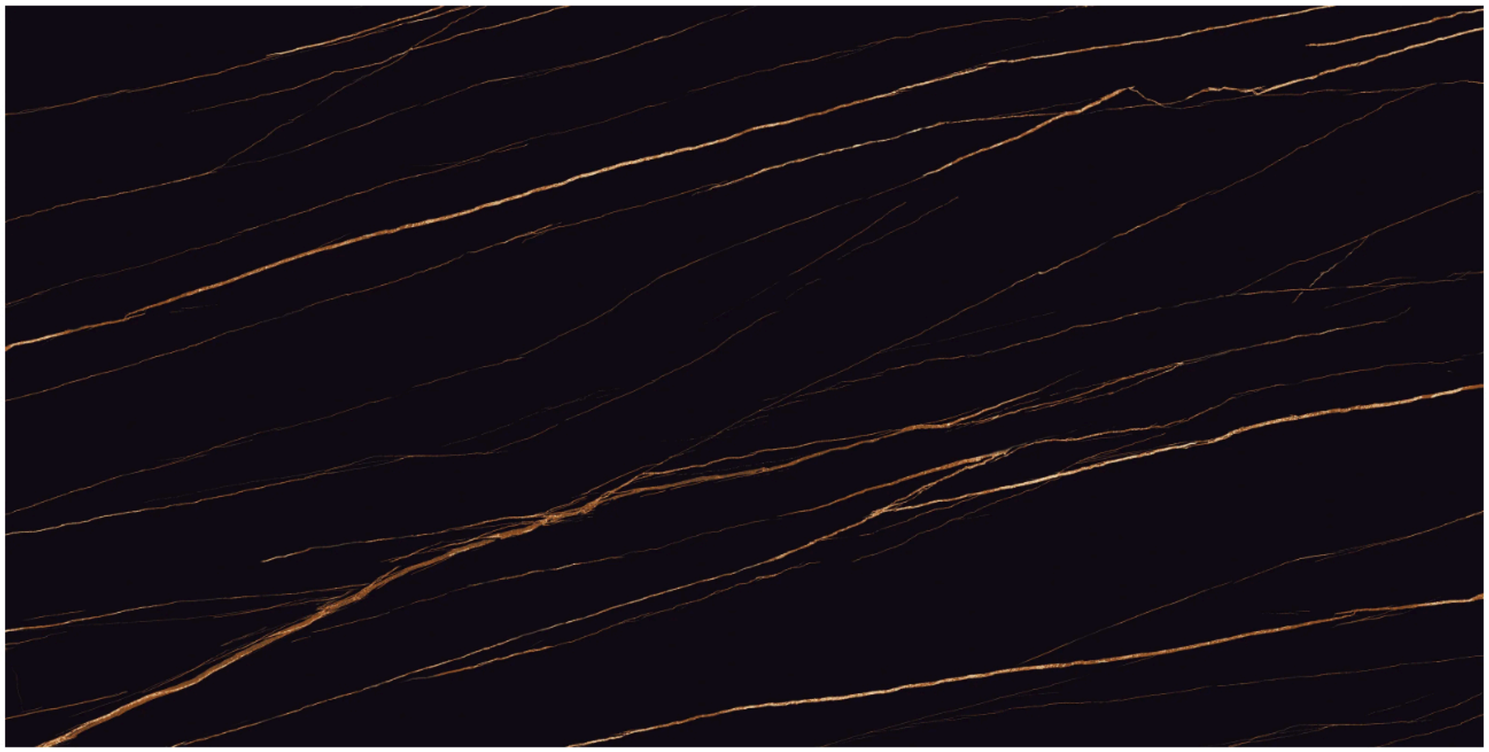


Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

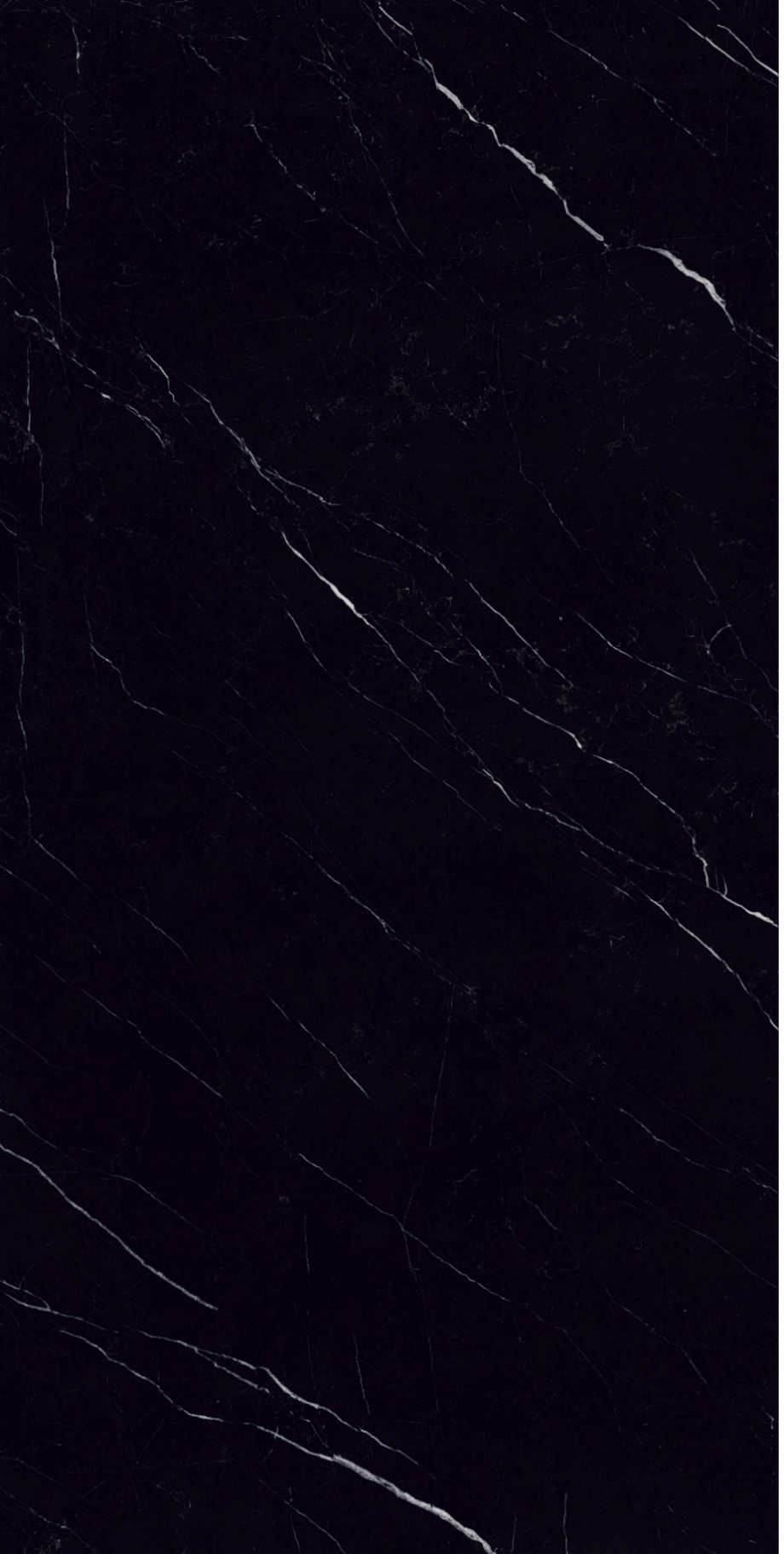
Leonith®
MARMO ESTETICO

DYNAMIC GOLD

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1



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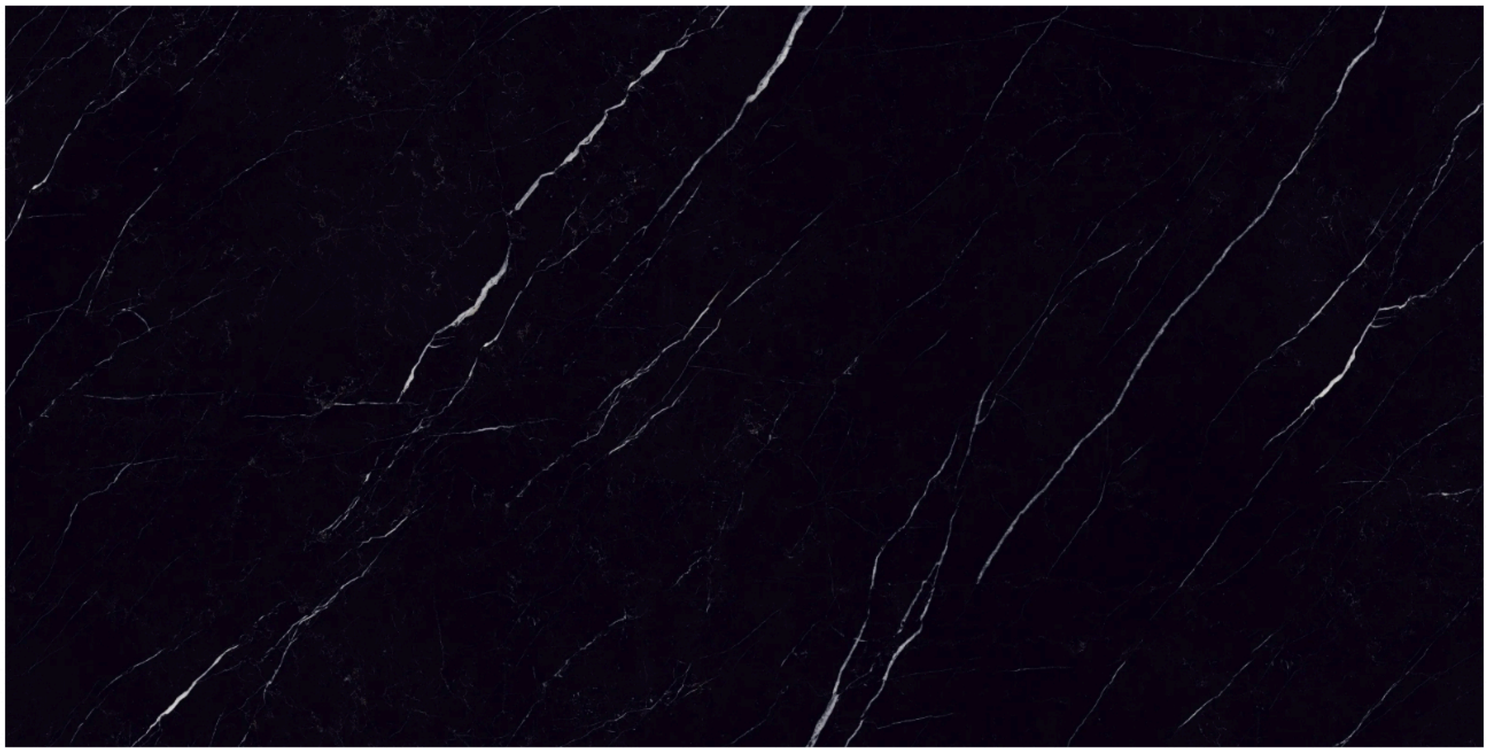


Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

SALINA BLANCO

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1





Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

WAVE BLACK

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1





Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

TORQUE NERO

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1





Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

PIETRA GREY

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1





Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

TORQUE ASH

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1





Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

TAJ MAHAL

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1





Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

HERICAN TUSK

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1





Fire Resistant | Stain Resistant | UV Resistant | Frost Resistant | Waterproof Surface

Leonith®
MARMO ESTETICO

CUSTOMISED TRAVERTINE

SIZE : 1600X3200 MM | **SURFACE :** MATT | **THICKNESS :** 12 MM | **FACES :** 1



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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.

TYPE OF STAIN	CHEMICAL PRODUCT	EXAMPLE
Grease	Alkaline - Solvent	Detergent
Oil	Solvent	Ammonia, Backing 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.

Technical Specification

CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 Gr.BIa	MEAN VALUE OF LEONITH	TEST METHOD
Regulatory Properties			
Deviation in Length and Width	± 0.30 % (±1.00mm)	± 0.10 %	ISO 10545-2
Deviation in Thickness	± 5.00 % (±0.50mm)	± 5.00 %	ISO 10545-2
Straightness in Side	± 0.30 % (±0.80mm)	± 0.10 %	ISO 10545-2
Rectangularity	± 0.30 % (±1.50mm)	± 0.10%	ISO 10545-2
Surface Flatness Central Curvature	± 0.40 % (±1.80mm)	± 0.50 %	ISO 10545-2
Surface Flatness Edge Curvature	± 0.40 % (±1.80mm)	± 0.50 %	ISO 10545-2
Surface Flatness Warpage	± 0.40 % (±1.80mm)	± 0.50 %	ISO 10545-2
Surface Quality	> 95% de ects free	> 95% de ects free	ISO 10545-2
Small Color Difference(for Plain Colour)	ΔE < 1.00	ΔE < 0.30	ISO 10545-16
Glossiness (Polished)	as per mfg.	Gloss Value> 90	Gloss Meter 60°
Glossiness (Matt)	as per mfg.	3 <Gloss Value<7	Gloss Meter 60°
Glossiness (Satin/Posh)	as per mfg.	7<Gloss Value<18	Gloss Meter 60°
Structural Properties			
Water absorption	≤ 0.50 %	≤ 0.060 %	ISO 10545-3
Bulk density	as per mfg.	Min. 2.28 g/cc	ISO 10545-3
Massive Mechanical Properties			
Modulus of rupture	Min. 35.0 N/mm²	Min. 42.0 N/mm²	ISO 10545-4
Breaking strength thickness <7.5	Min. 700.0 N	Min. 1000.0 N	ISO 10545-4
Breaking strength thickness ≥7.5	Min. 1300.0 N	Min. 1800.0 N	ISO 10545-4
Breaking strength thickness ≥7.5	Min. 1300.0 N	Min. 7500.0 N	ISO 10545-4
Surface Mechanical Properties			
MOH'S hardness #	as per mfg.	Glossy Min. 4*/ Posh Min. 6	BS EN 15771
Surface abrasion resistance #	as per mfg.	Glossy Min. 2/ Posh Min. 3	ISO 10545-7
Deep abrasion resistance #	Max. 175mm³	Max. 132mm³	ISO 10545-6
Thermal Hydrometric Properties			
Moisture expansion	Max. 0.06%(0.6mm/m)	Max. 0.02mm/m	ISO 10545-10
Thermal expansion(COE) at 100°C	as per mfg.	Max. 6.0 x 10-6	ISO 10545-8
Thermal shock resistance	Min. 10 Cycle	Min. 10 Cycle	ISO 10545-9
Impact resistance(COR) #	Min. 0.55	Min. 0.55	ISO 10545-5
Frost resistance	as per mfg.	Frost Proof	ISO 10545-12
Chemical Properties			
Resistance to staining glazed	Min. Class 3	Min. Class 4	ISO 10545-14
Resistance to household chemicals & swimming pool salts glazed	Min. Class GB	Min. Class GA	ISO 10545-13
Resistance to low concentrate acid and alkalis glazed	as per mfg.	Min. Class GLB**	ISO 10545-13
Resistance to high concentrate acid and alkalis glazed	as per mfg.	Min. Class GHB**	ISO 10545-13
Safety Properties			
Skid resistance(DCOF-DRY) ##	as per mfg.	Glossy P0(<12) / Posh ≥P1(12-24)	BS 7976-2
Slip resistance(DCOF)(R value) ##	as per mfg.	R9 to R13	DIN 51130
Fire resistance	as per mfg.	Fire Proof	N.A.

* With Nano polishe
** Except Hydrofluoric Acid & it's compound
Tiles Intended for use on floor
As per customer requirement

Packing Details

PRODUCT	BODY	SIZE	THICKNESS	TILES / BOX	COVERAGE AREA / BOX	WEIGHT (Kg)
Glossy & Matt	Color Body	1600x3200mm	12mm	1pc	55.11 Sq. ft.	146 Kgs. Approx.
Glossy & Matt	Color Body	1600x3200mm	20mm	1pc	55.11 Sq. ft.	230 Kgs. Approx.



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