



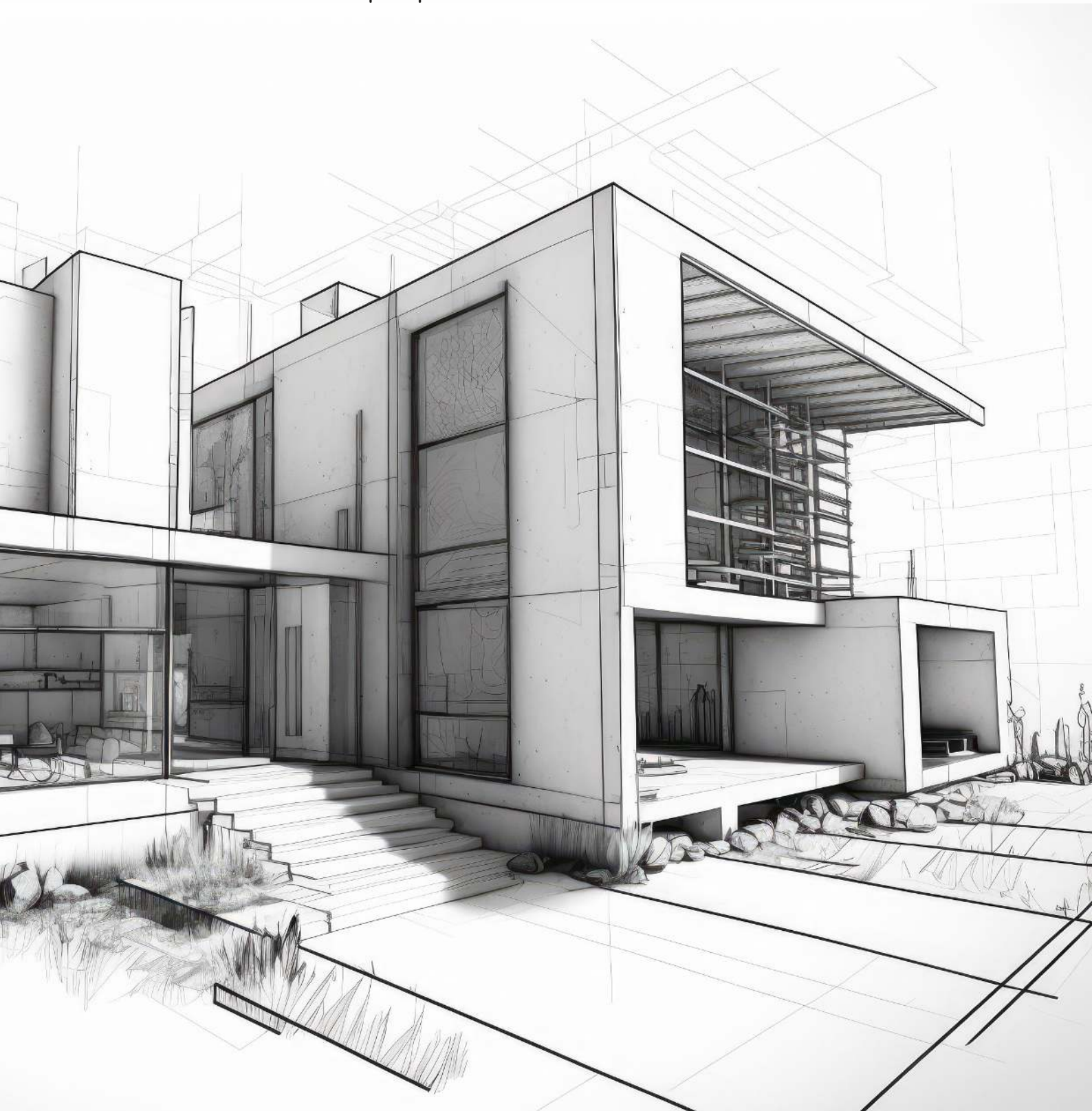
**1600X
3200MM**

**The Statement Piece
For Your Modern
Space.**

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.



R&D Technology

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.

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.

PEN UP YOUR SPACE, ONE BIG TILE AT A TIME.

1600x
3200mm

—

Elegance
Surface

—

12 mm
Thickness

ELEGANCE

S U R F A C E

**Luxury
Redefined Large
Slabs for Walls and
Floors.**

**1600x
3200mm**



Elegance
Surface



12mm
Thickness

Colorado
White



Elegance
Surface

1600x
3200mm



COLORADO WHITE

1600x
3200mm | **Elegance**
Surface





COLORADO WHITE



Marina
Travertino Beige



Elegance
Surface



03
Random

1600x
3200mm



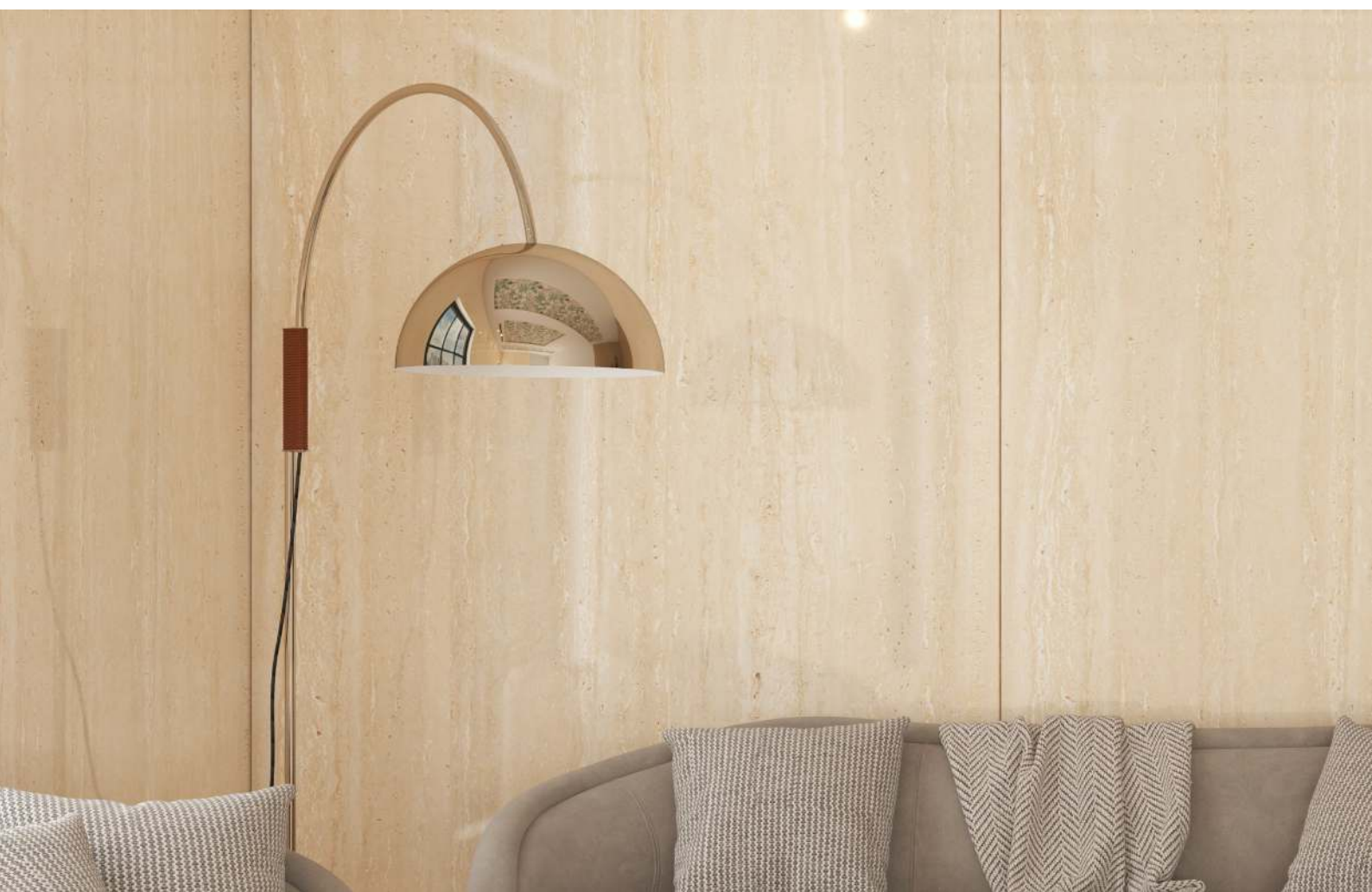
MARINA TRAVERTINO BEIGE

1600x
3200mm | **Elegance**
Surface | **03**
Random





MARINA TRAVERTINO BEIGE



Patagonoa
Bianco



Elegance
Surface



03
Random

1600x
3200mm



PATAGONIA BIANCO

1600x
3200mm | **Elegance**
Surface | **03**
Random





PATAGONOA BIANCO



Satvario
Reale



Elegance
Surface



03
Random

1600x
3200mm



SATVARIO REALE

1600x
3200mm

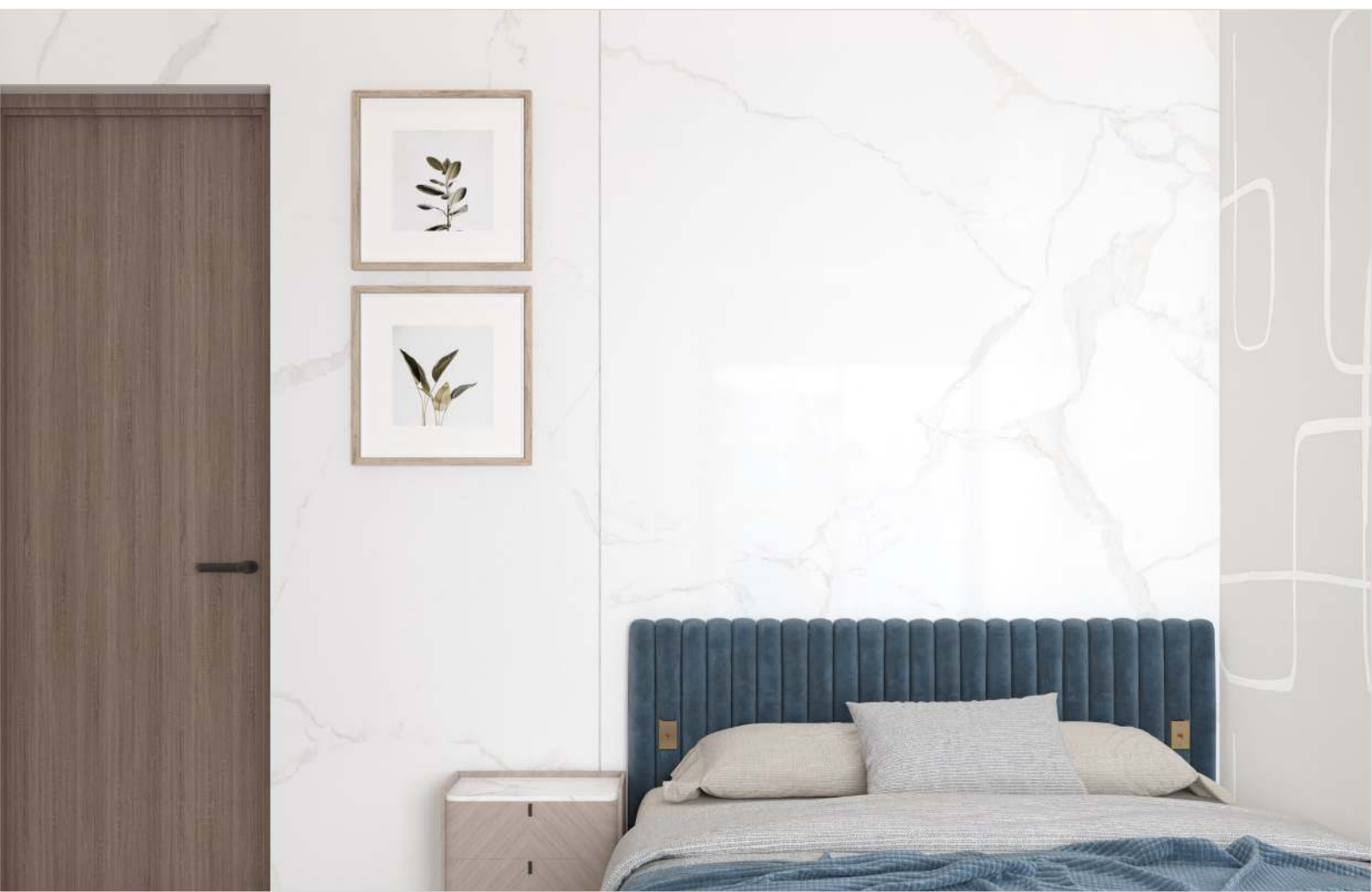
Elegance
Surface

03
Random





MARINA TRAVERTINO BEIGE



GAMMA SURFACE

**Leave a Lasting
Impression. Choose Large**
Slabs

1600x
3200mm

GAMMA
Surface

12mm
Thickness



Arbescato
Oscuro



Gamma
Surface



03
Random

1600x
3200mm



ARBESCATO OSCURO

1600x
3200mm

Gamma
Surface

03
Random

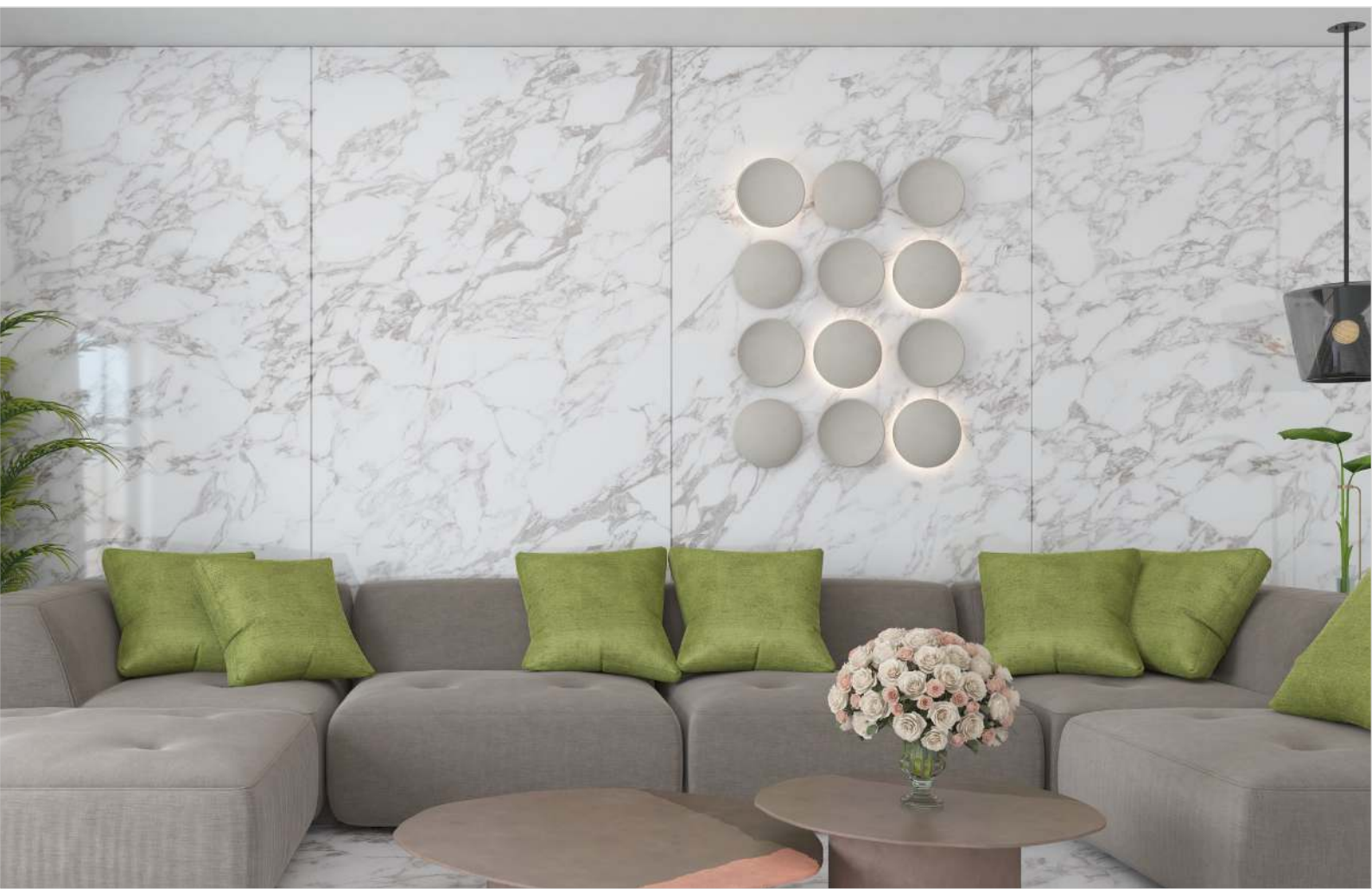


12mm
THICKNESS





ARBESCATO OSCURO



Calacatta
Luna



Gamma
Surface



03
Random

1600x
3200mm



CALACATTA LUNA

1600x
3200mm

Gamma
Surface

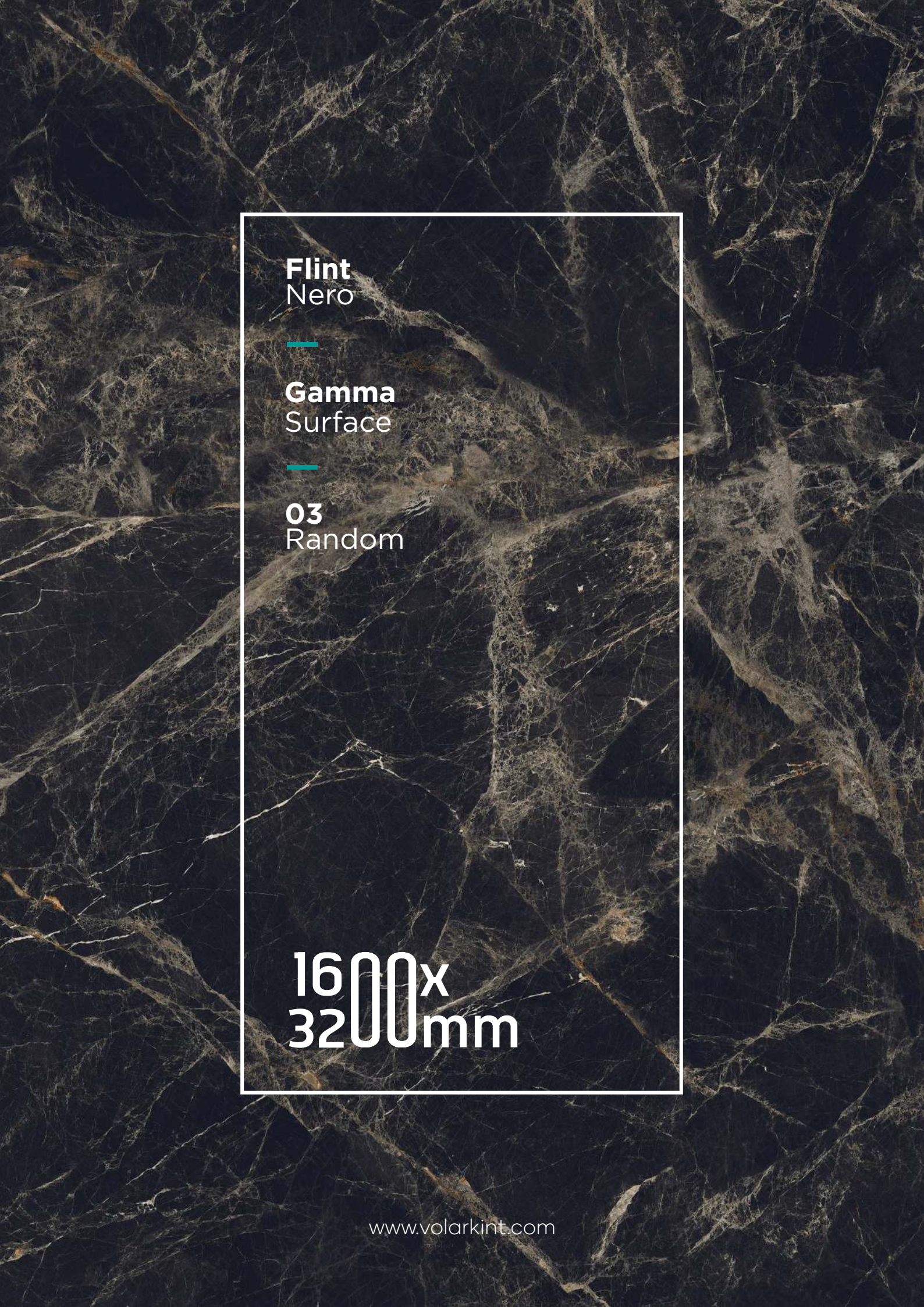
03
Random





CALACATTA LUNA





Flint
Nero

Gamma
Surface

03
Random

1600x
3200mm



FLINT NERO

1600x
3200mm

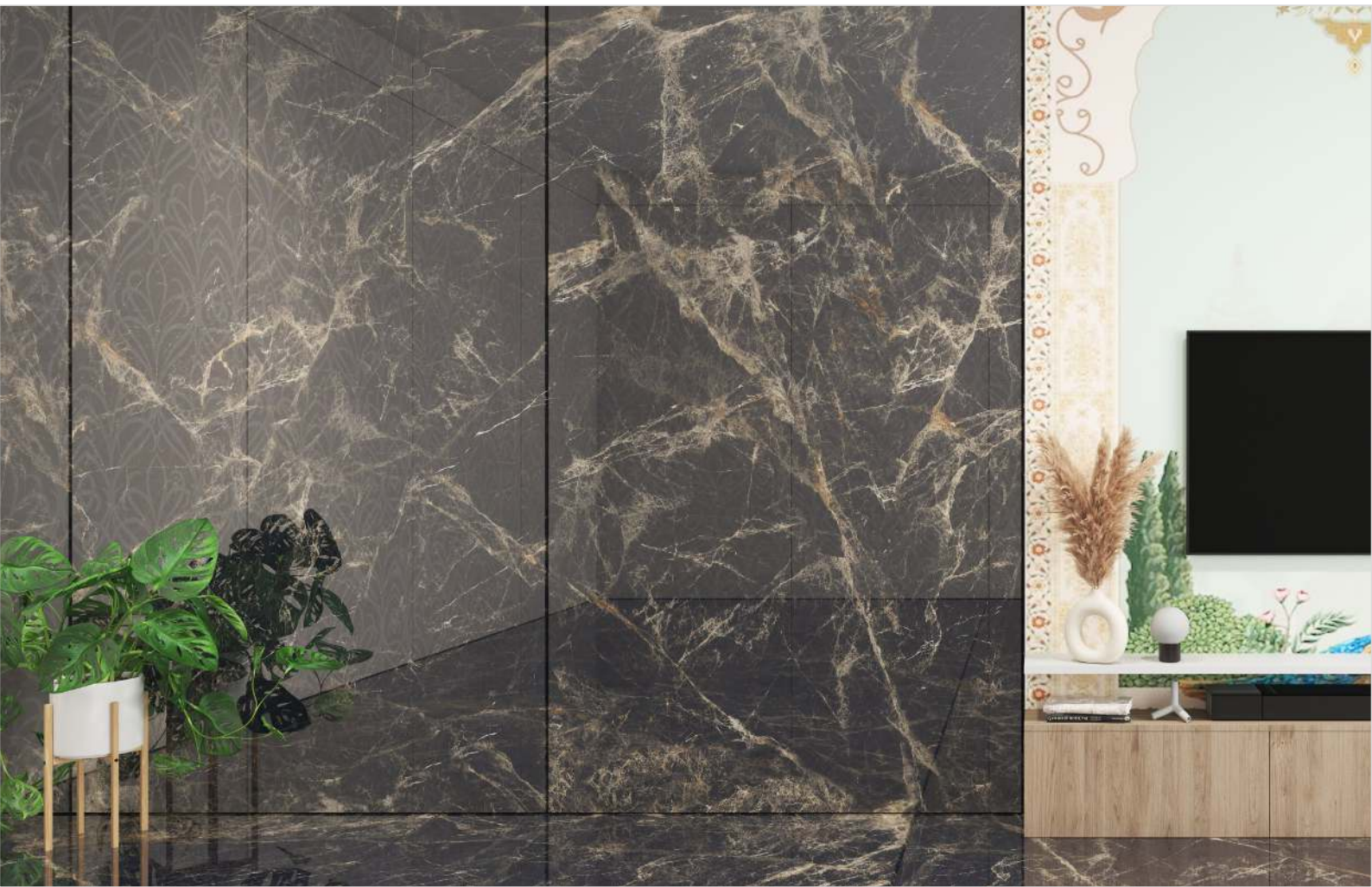
Gamma
Surface

03
Random





FLINT NERO



Marina
Travertino Gris

Gamma
Surface

03
Random

1600x
3200mm



MARINA TRAVERTINO GRIS

1600x
3200mm | **Gamma**
Surface | **03**
Random





MARINA TRAVERTINO GRIS





GRACE
SURFACE

Large Slabs Make a Big
Statement.

1600x
3200mm | **Grace**
Surface | **12mm**
Thickness

www.volarkint.com

Macchia
Vecchia



Grace
Surface



04
Random

1600x
3200mm



MACCHIA VECCHIA

1600x
3200mm

Grace
Surface

04
Random





MACCHIA VECCHIA



Satvario
Latte



Grace
Surface



02
Random



Bookmatch

1600x
3200mm



SATVARIO LATTE

Bookmatch

1600x
3200mm | **Grace**
Surface | **02**
Random





SATVARIO LATTE



GRAVEL

S U R F A C E

THE ONLY
LIMIT IS YOUR
IMAGINATION
Large Slabs.

1600x
3200mm

Gravel
Surface | **12mm**
Thickness

www.volarkint.com

Linea Stone
Crema



Gravel
Surface



02
Random

1600x
3200mm



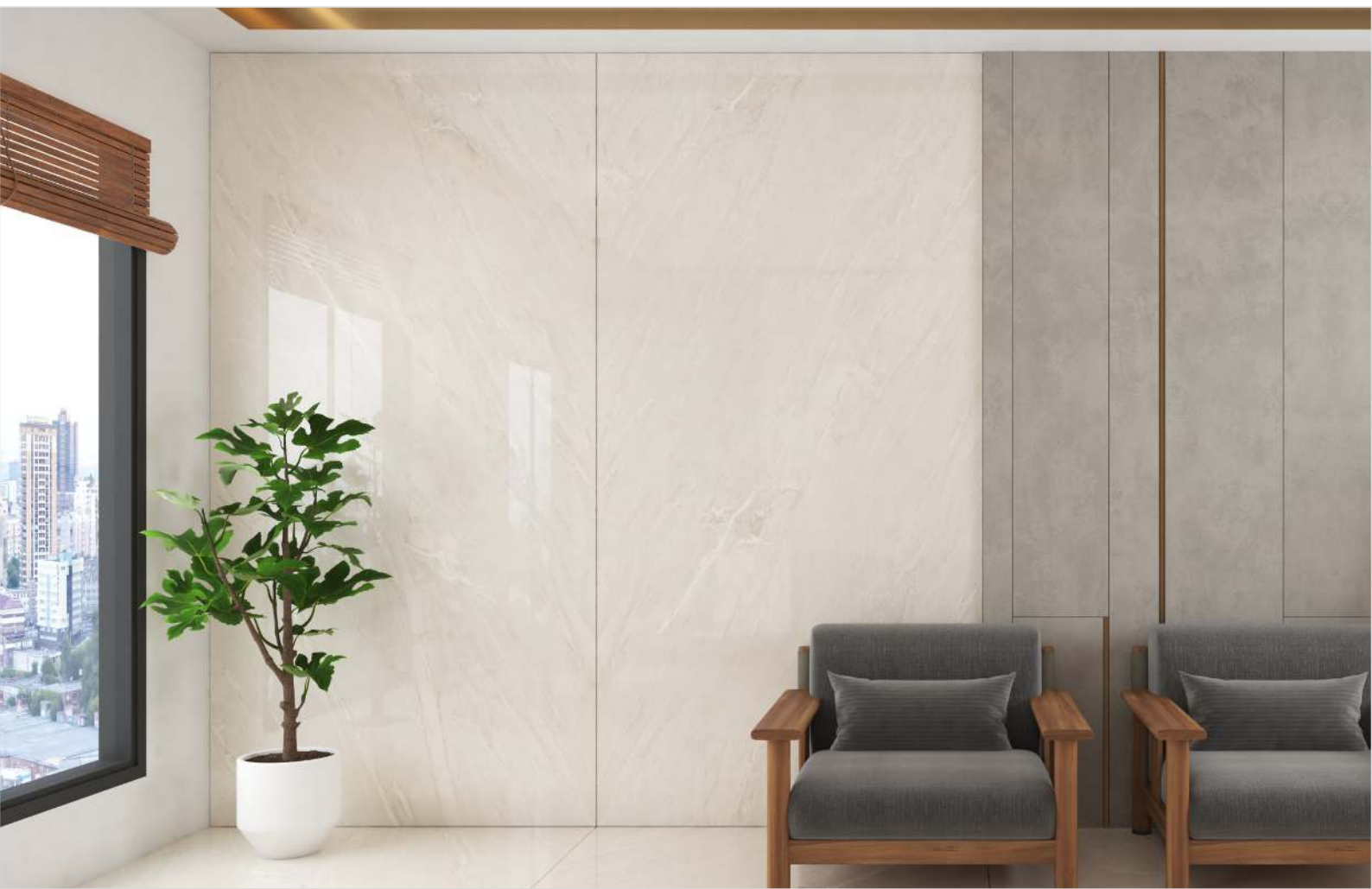
LINEA STONE CREMA

1600x
3200mm | **Gravel**
Surface | **02**
Random



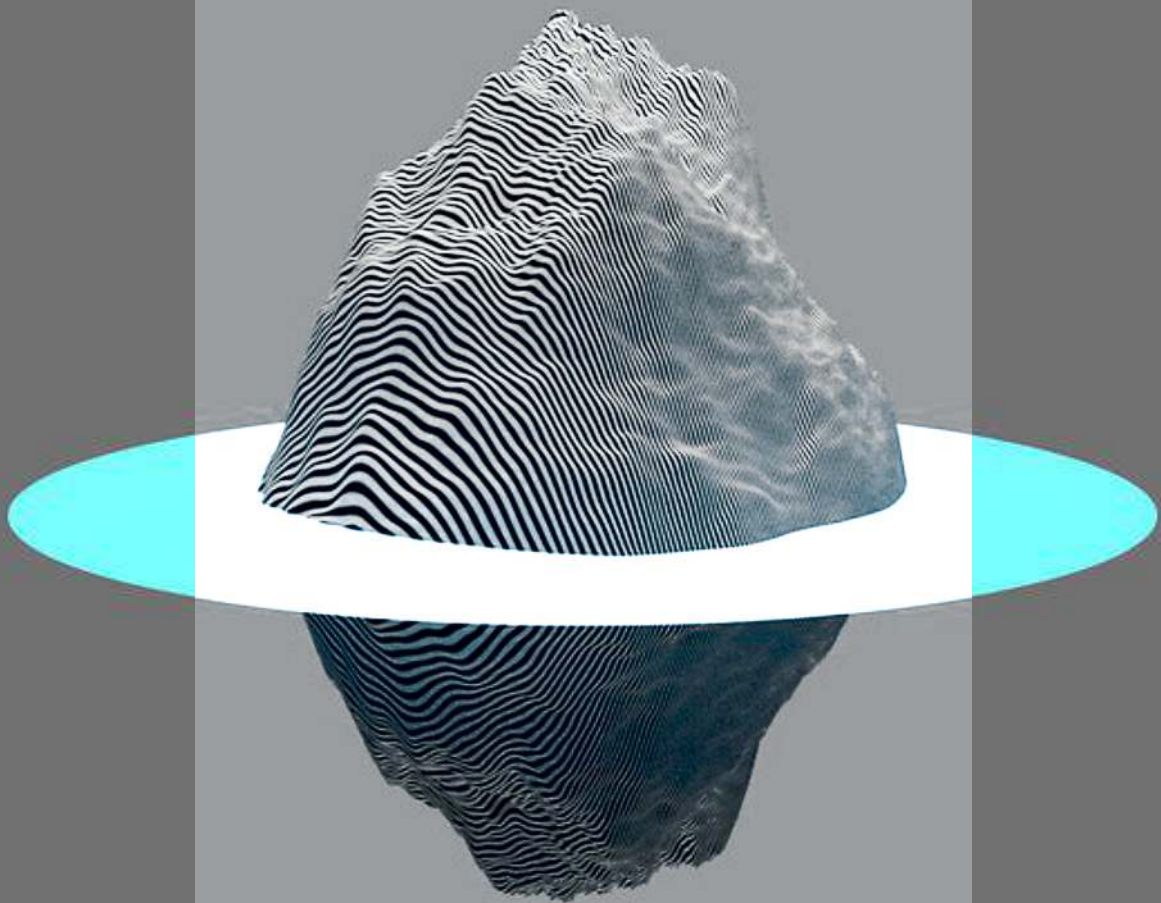


LINEA STONE CREMA



LUMINOUS

S U R F A C E



**Bold Design Starts
with a Big Canvas.**

1600x
3200mm

| **Luminous**
Surface |

12mm
Thickness

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Amazzonite
Jaze



Luminous
Surface



02
Random

1600x
3200mm



AMAZZONITE JAZE

1600x
3200mm

Luminous
Surface

02
Random





AMAZZONITE JAZE





Cloudy
Onyx Verde

Luminous
Surface

03
Random

1600x
3200mm



CLOUDY ONYX VERDE



1600x
3200mm

Luminous
Surface

03
Random





CLOUDY ONYX VERDE



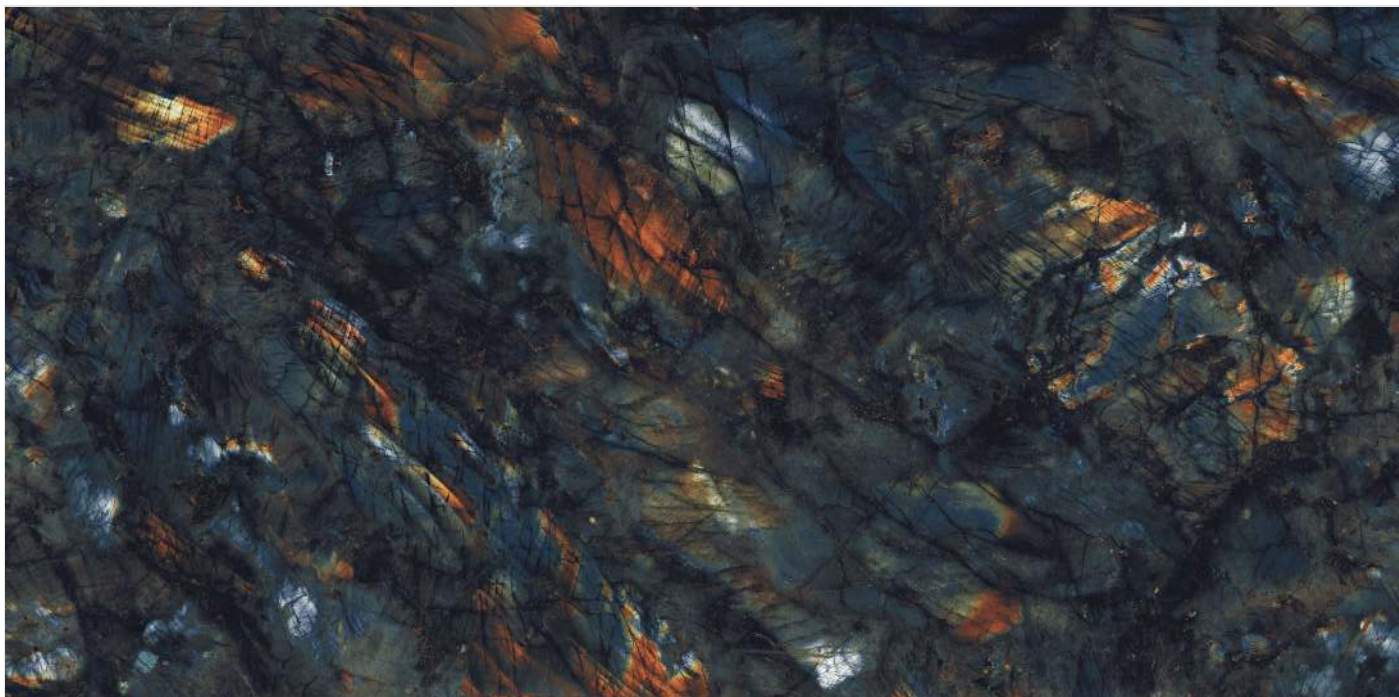


**Lemurian
Blue**

**Luminous
Surface**

**1600x
3200mm**

www.volarkint.com



LEMURIAN BLUE

1600x
3200mm | **Luminous**
Surface





LEMURIAN BLUE





Opera Ony
Verde

Luminous
Surface

03
Random

1600x
3200mm



OPERA ONYX VERDE

1600x
3200mm

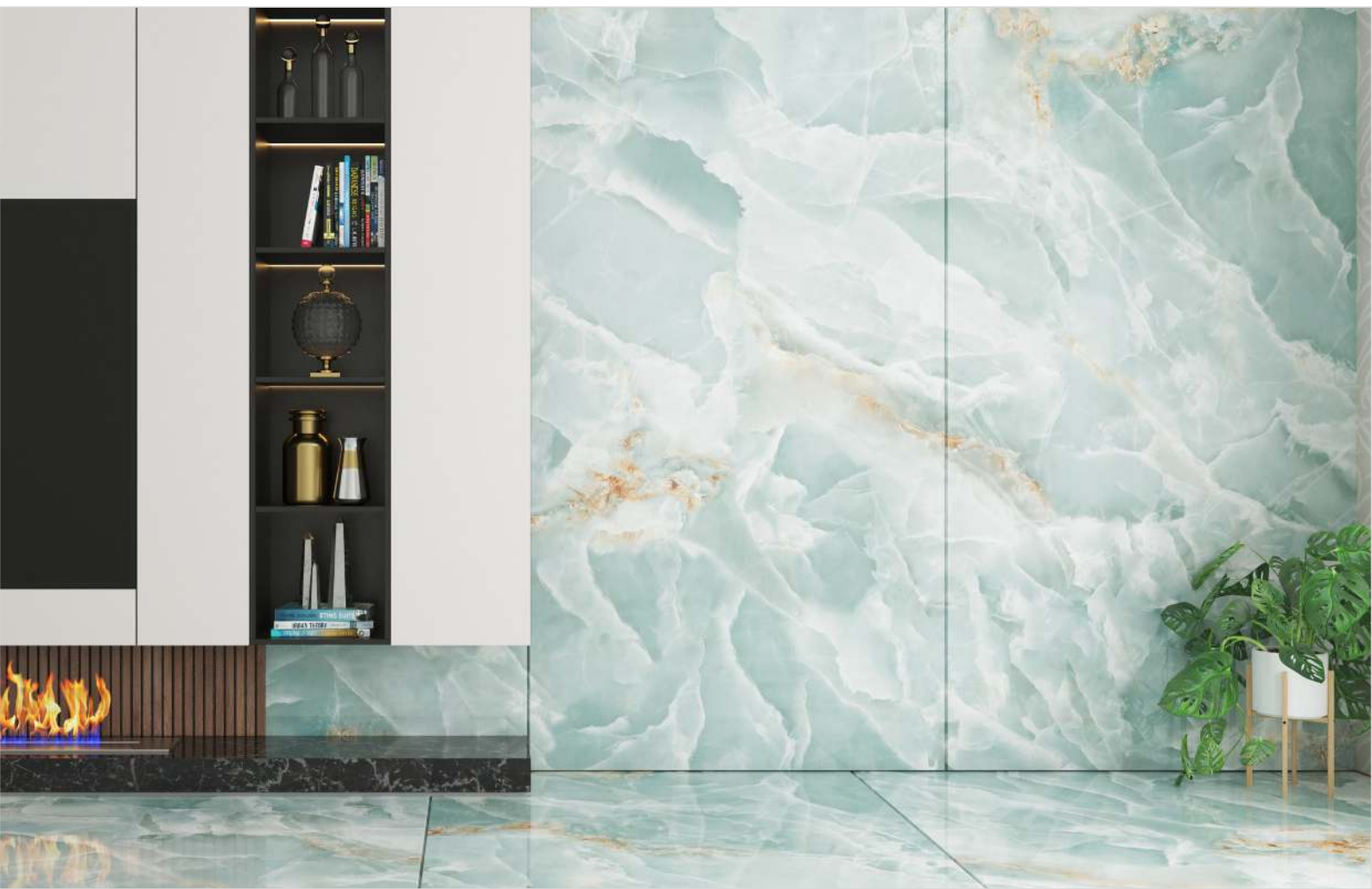
Luminous
Surface

03
Random





OPERA ONYX VERDE





SAHARA
SURFACE

**LARGE
SLABSES THE
ORIGINAL**

» *Big Slab* »

E X P E R I E N C E

1600x
3200mm

Sahara
Surface

12mm
Thickness

www.volarkint.com

Arancio Onxy
Black



Sahara
Surface



02
Random

1600x
3200mm



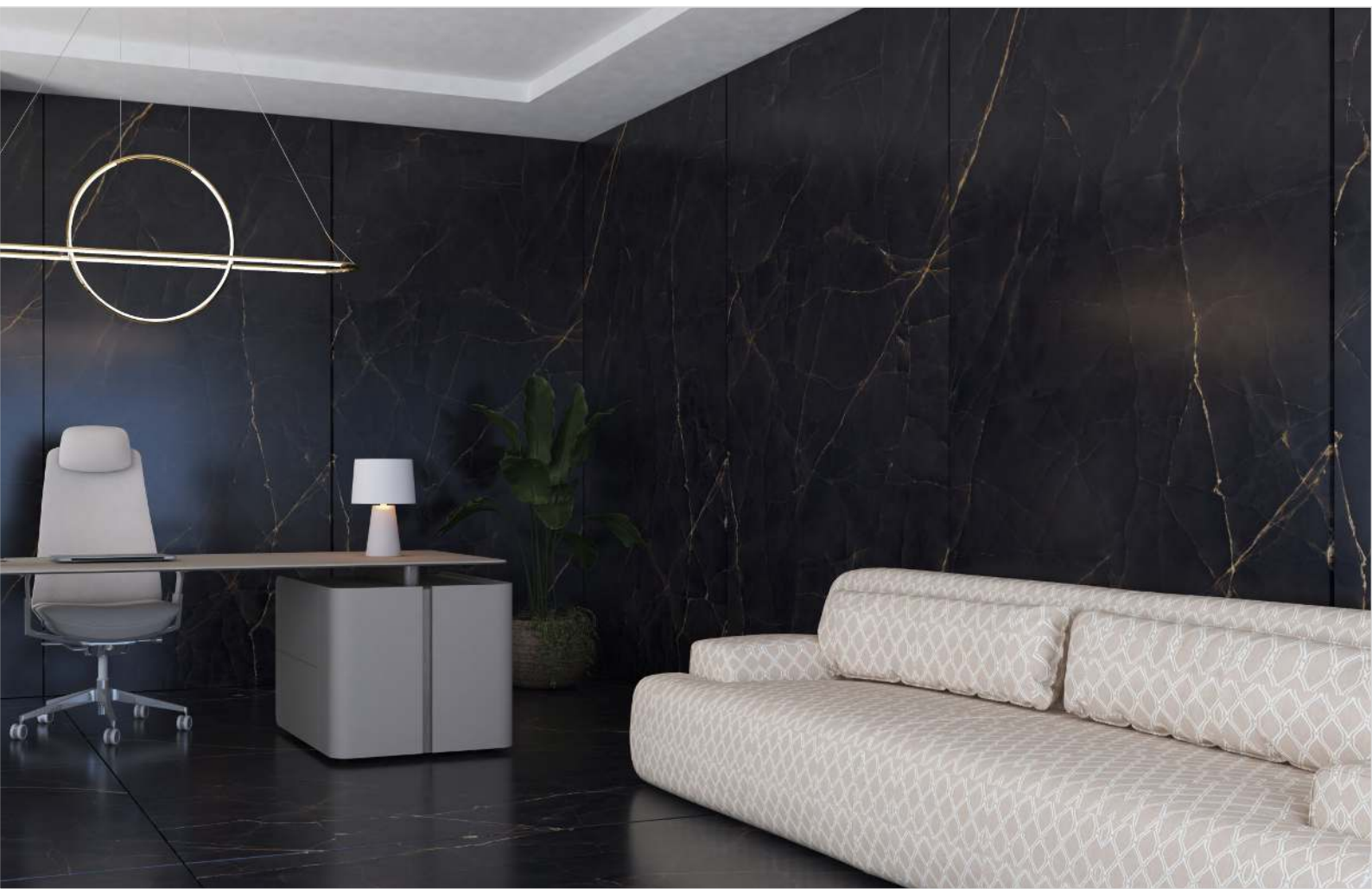
ARANCIO ONXY BLACK

1600x
3200mm | **Sahara**
Surface | **02**
Random





ARANCIO ONXY BLACK



Avocado
Green



Sahara
Surface



02
Random

1600x
3200mm



AVOCADO GREEN

1600x
3200mm

Sahara
Surface

02
Random





AVOCADO GREEN



Bianco
Lasa



Sahara
Surface



03
Random

1600x
3200mm



BIANCO LASA

1600x
3200mm

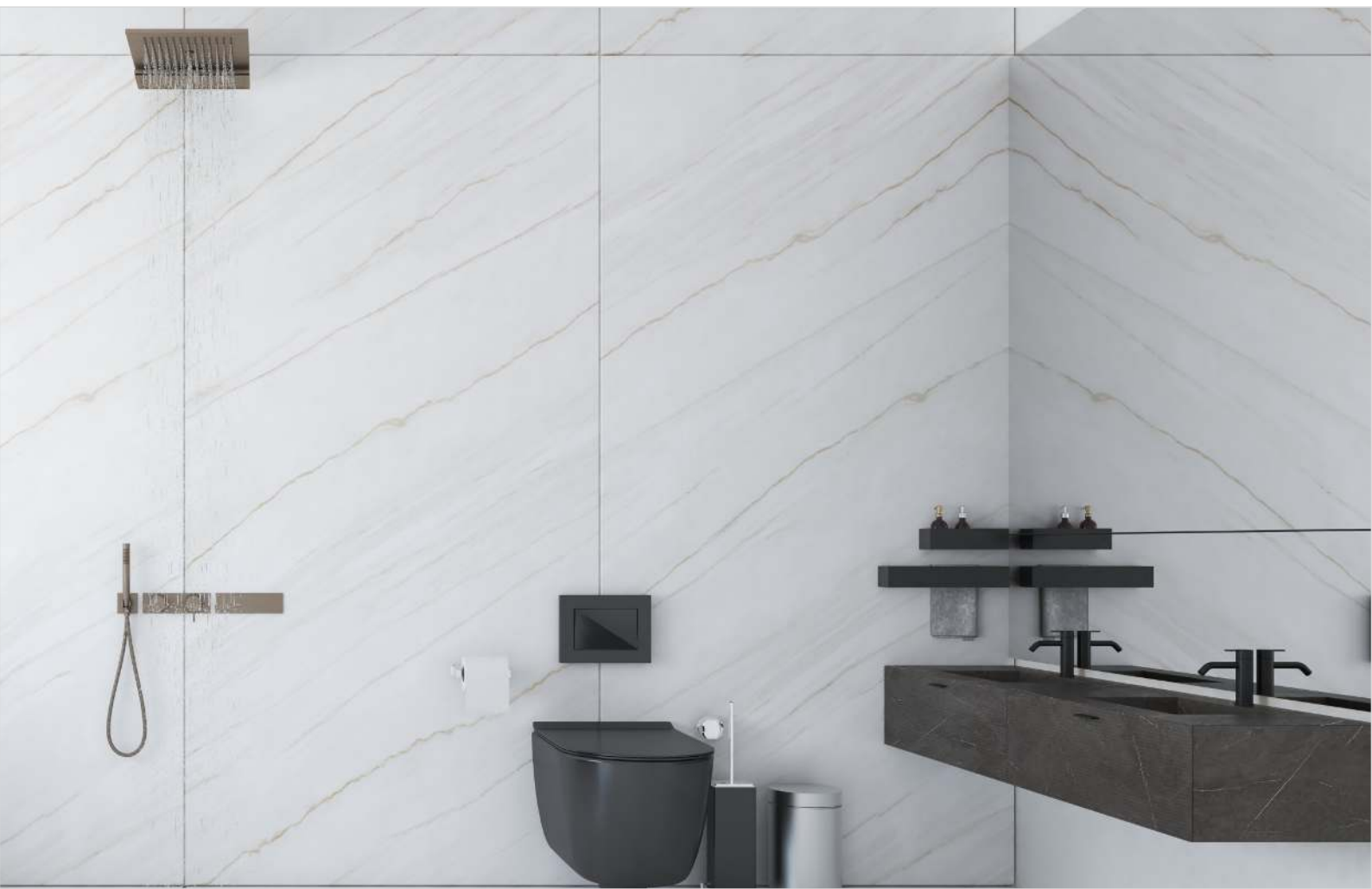
Sahara
Surface

03
Random





BIANCO LASA



Calacatta
Oro



Sahara
Surface



03
Random

1600x
3200mm



CALACATTA ORO

1600x
3200mm

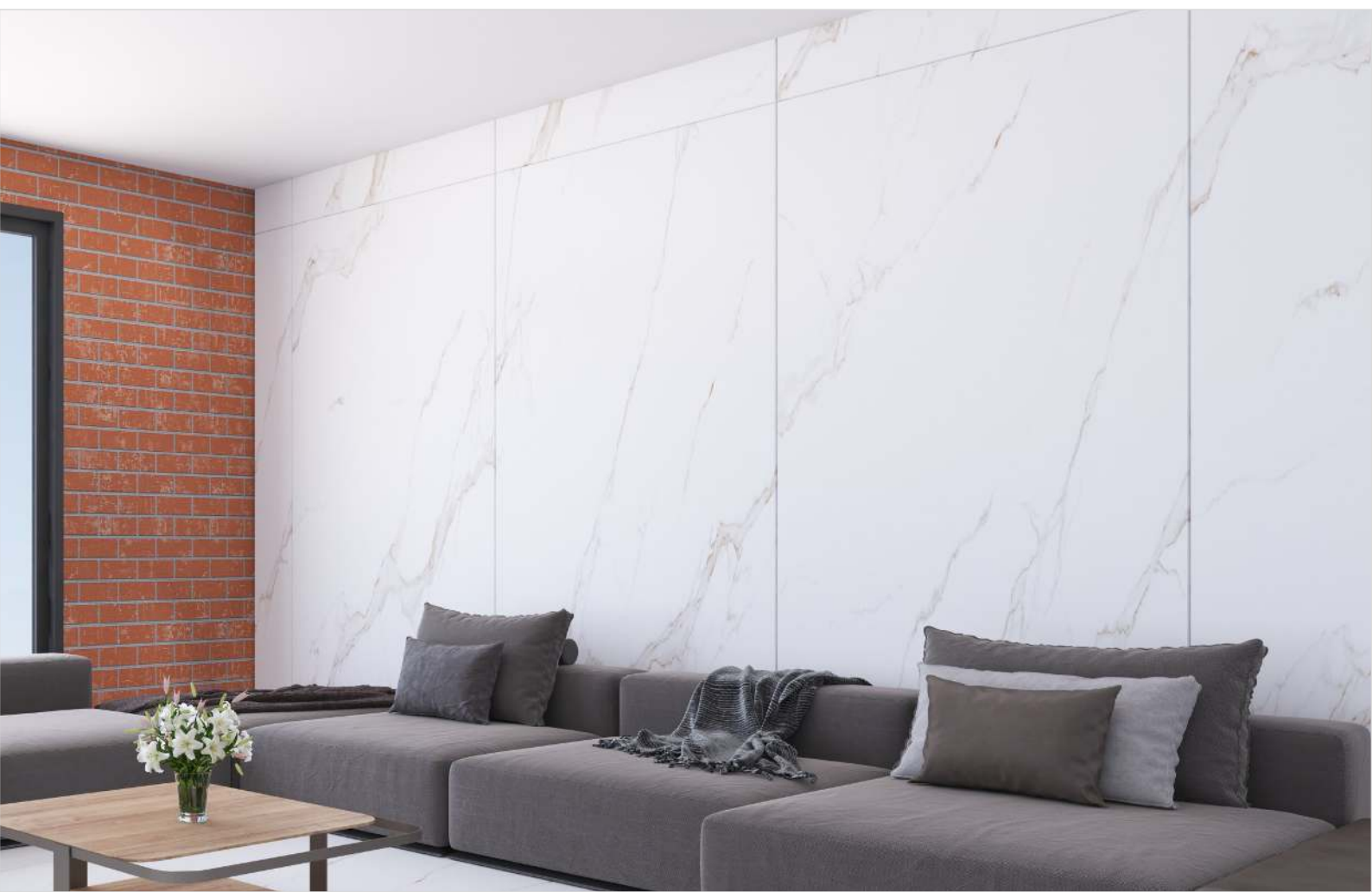
Sahara
Surface

03
Random





CALACATTA ORO



DELICATO



Sahara
Surface



03
Random

1600x
3200mm



DELICATO

1600x
3200mm

Sahara
Surface

03
Random





DELICATO



E Statuario
Nova



Sahara
Surface



03
Random

1600x
3200mm



E STATUARIO NOVA

1600x
3200mm

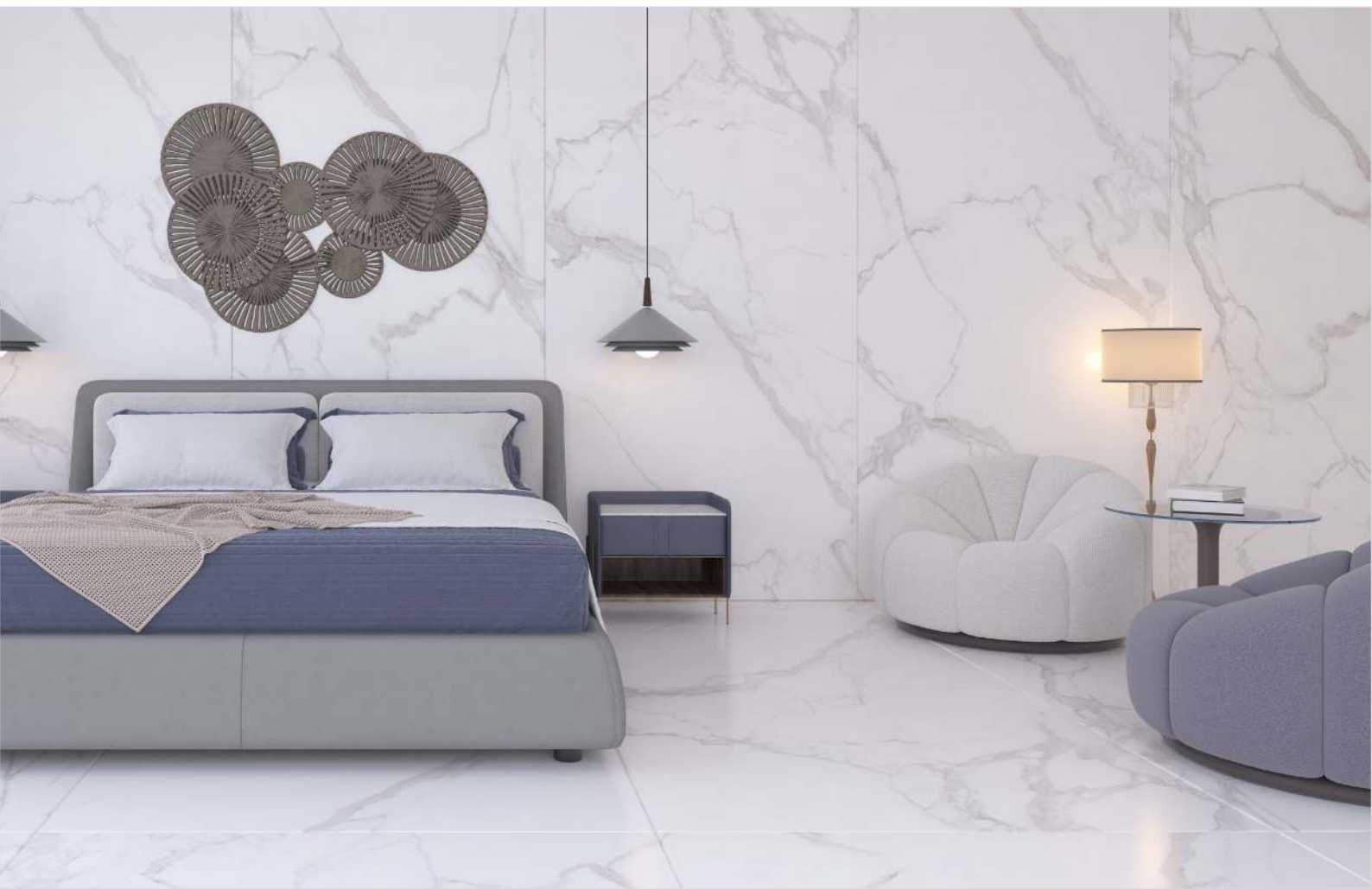
Sahara
Surface

03
Random





E STATUARIO NOVA



Noir
Serpents



Sahara
Surface



03
Random

1600x
3200mm



NOIR SERPENTS

1600x
3200mm

Sahara
Surface

03
Random





NOIR SERPENTS



Silver
River



Sahara
Surface



03
Random

1600x
3200mm



SILVER RIVER

1600x
3200mm

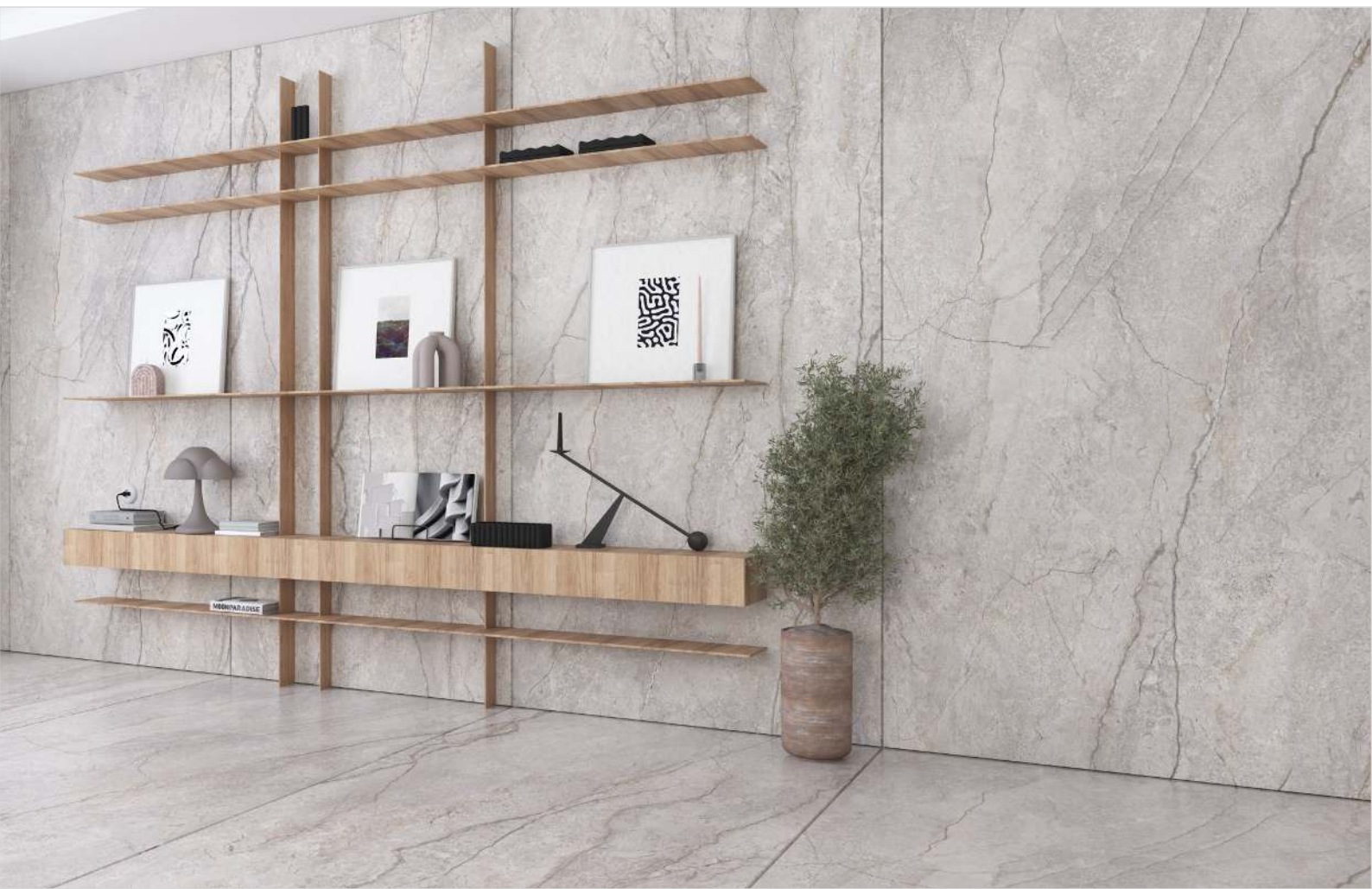
Sahara
Surface

03
Random





SILVER RIVER



Travertino
Navona Crema

Sahara
Surface

03
Random

1600x
3200mm



TRAVERTINO NAVONA CREMA

1600x
3200mm | **Sahara**
Surface | **03**
Random





TRAVERTINO NAVONA CREMA



Travertino
Navona Grey



Sahara
Surface



03
Random

1600x
3200mm



TRAVERTINO NAVONA GREY

1600x
3200mm | **Sahara**
Surface | **03**
Random





TRAVERTINO NAVONA GREY





SHAPE TECH

S U R F A C E

The Secret
Weapon for Stunning
Design

1600x
3200mm

—
Shape Tech
Surface

—
12mm
Thickness

Carrara
Fredo



Shape Tech
Surface



03
Random

1600x
3200mm



CARRARA FREDO

1600x
3200mm | **Shape Tech** | **03**
Surface | Random





CARRARA FREDO



SOFT SATIN *Surface*

Choose

**Large Slabs for
Generations to Come.**

1600x
3200mm

Soft Satin
Surface

12mm
Thickness

www.volarkint.com

Kozani
Crema

Soft Satin
Surface

03
Random

1600x
3200mm



KOZANI CREMA

1600x
3200mm

Soft Satin
Surface

03
Random





KOZANI CREMA



TECHNICAL SPECIFICATIONS

CHARACTERISTIC	STANDARD AS PER ISO-13006/2018 En14411 gr.bla	VALUE	TEST METHOD
Regulatory Properties			
Deviation in Length & Width	±0.5%	±0.2%	ISO 10545-2
Deviation in Thickness	±5%	±5%	ISO 10545-2
Straightness of Sides	±0.5%	±0.2%	ISO 10545-2
Rectangularity	±0.5%	±0.2%	ISO 10545-2
Surface Flatness	±0.5%	±0.3%	ISO 10545-2
Colour Difference	$\Delta E < 1.00$	$\Delta E < 0.30$	ISO 10545-16
Glossiness	As per Mfg.	As Per Mfg.	GlossMeter
Structural Properties			
Water Absorption	≤0.5 %	≤0.3 %	ISO 10545-3
Apparent Density	As Per Mfg.	>2.20 g/cc	ISO 10545-3
Massive Mechanical Properties			
Modulus of Repture	Min.35N/mm ²	Min.40N/mm ²	ISO 10545-4
Breaking Strength	Min. 1300 N	Min. 2000 N	ISO 10545-4
Impact Resistance	As per Mfg.	Min. 0.55	ISO 10545-4
Surface Mechanical Properties			
Surface Abrasion Resistance	As per Mfg.	Min. class 3	ISO 10545-7
Moh's Hardness	As per Mfg.	Min. class 4	BS EN 15771
Thermo Hygrometric Properties			
Frost Resistance	As Per Mfg.	Frost Proof	ISO 10545-12
Thermal Shock Resistance	Min. 10 Cycle	Min. 10 Cycle	ISO 10545-9
Moisture Expansion	Max. 0.6mm/m	Max. 0.02mm/m	ISO 10545-10
Thermal Expansion	Max. 9.0 x 10 ⁻⁶	Max. 6.0x10 ⁻⁶	ISO 10545-8
Chemical Properties			
Chemical Resistance	As Per Mfg.	No Damage	ISO 10545-13
Stain Resistance	Resistant	Resistant	ISO 10545-14
Safety Properties			
Slip Resistance	As per Mfg.	N. A.	DIN 51130
Fire Resistance	As per Mfg.	Fire Proof	N. A.

PACKING DETAILS

Size	BOX WEIGHT	NO OF SLAB/BOX	SQ.METER	THICNESS
1600x3200mm	148 kg	1pcs	5.12 sq.meter	12MM

TECHNICAL SPECIFICATION

CHARACTERISTIC	STANDARD AS PER ISO 13006:2012/ EN14411 GR. Bla	STANDARD AS PER ISO 15622:2017 GR. Bla	OUR VALUE	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.2.00 g/cc	> 2.28 g/cc	DIN51082 & IS 13630-2
Massive Mechanical Properties				
Modulus of rupture	Min. 35.0 N/mm ²	Min. 35.0 N/mm ²	Min. 37.0 N/mm ²	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
Massive 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,ClassII	ISO 10545-7 & IS 13630-11
Surface abrasion resistance-Matt#	As per Manufacturer	Min. Class II	Min. Class 3/Min,ClassII	ISO 10545-4 & IS 13630-11
Thermal Hygrometric Properties				
Moisture expansion	Min. 0.06	Min. 0.02	NIL	ISO 10545-10 & IS 13630-3
Moisture expansion(COE) at 100°C	As per Manufacturer	Min. 7.0 x 10*	Min. 6.0 x 10*	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
Thermal Hygrometric Properties				
Moisture expansion	Min. 0.06	Min. 0.02	NIL	ISO 10545-10 & IS 13630-3
Moisture expansion(COE) at 100°C	As per Manufacturer	Min. 7.0 x 10*	Min. 6.0 x 10*	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.classI	ISO 10545-10 & IS 13630-8
Resistance to household chemicals & swimming pool salts Glazed	Min. Class GB	Min. Class AA	Min. Class GA/Min.class AA	ISO 10545-9 & IS 13630-8
Resistance to low concentrate Acidand alkalis Glazed	As per Manufacturer	As per Manufacturer	Min. Class GLB* /Min.class A***	ISO 10545-5 & IS 13630-8
**Resistance to High concentrate Acidand alkalis Glazed	As per Manufacturer	As per Manufacturer	Min. Class GA/Min.class AA	ISO 10545-12 & 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.	Does 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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