

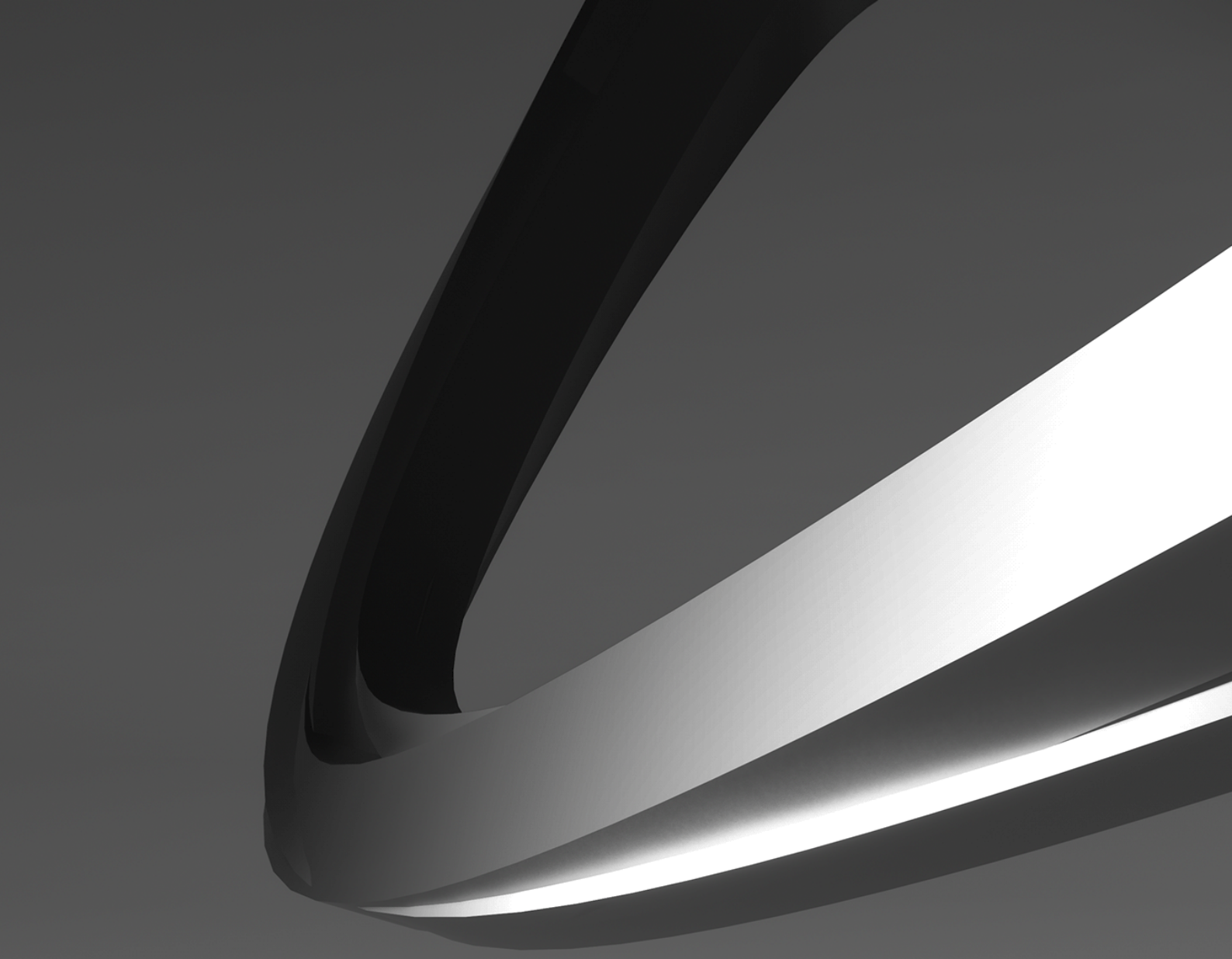


LUXURY TILES FOR
THE DISCERNING
HOMEOWNER.



**1600X
3200MM**

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 tech-nologies, 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 man-ufacturing process, leading to finest tiles and quality.

www.volarkint.com



volark
TILES

The tile that thinks big.

1600x
3200mm

6 mm
Thickness

Elegance
Surface

www.volarkint.com

Armani
De Perla

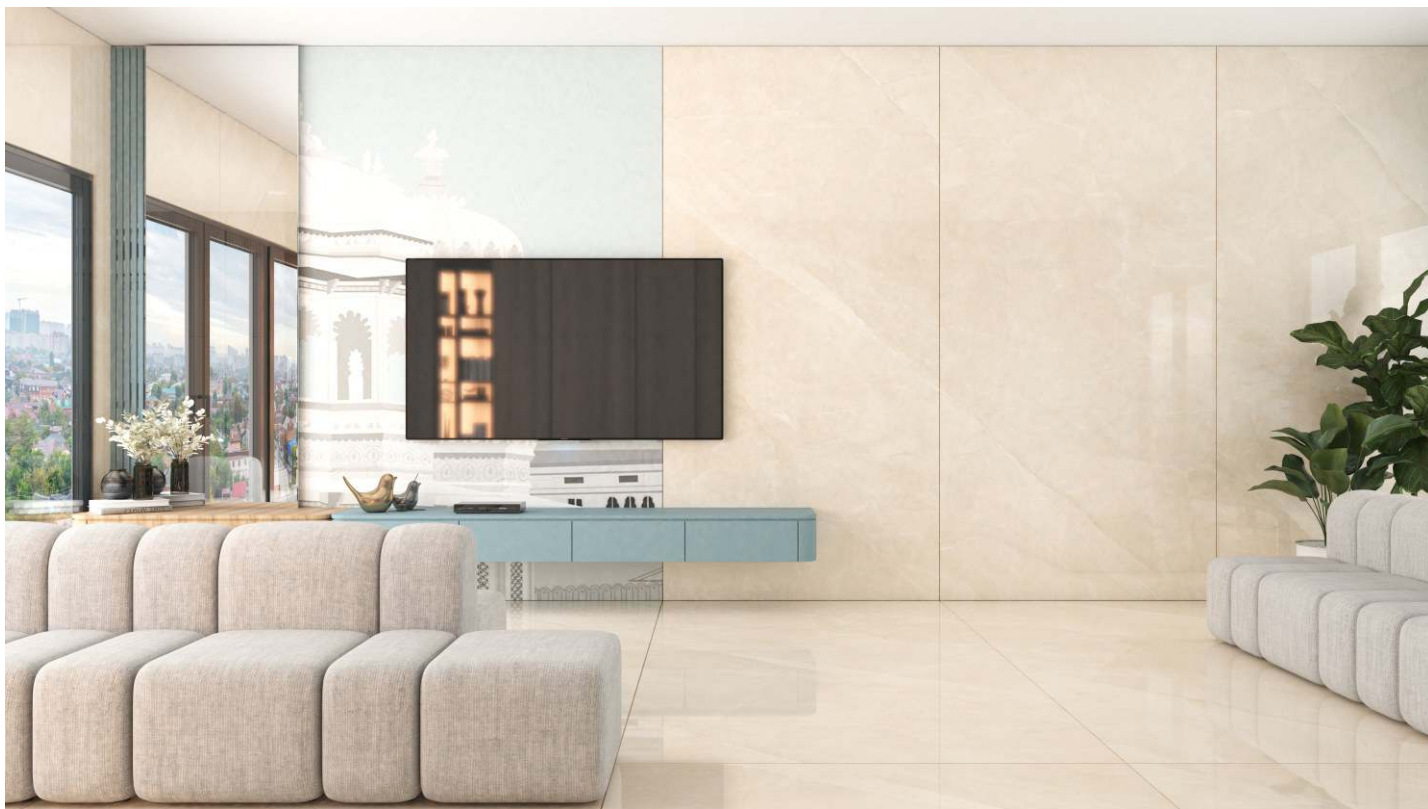


Elegance
Surface



03
Random

1600x
3200mm



**ARMANI
DE PERLA**

**1600x
3200mm**

Elegance
Surface

03
Random

6mm
Thickness





ARMANI DE PERLA

UNLEASH UNDERSTATED *Luxury*

1600x
3200mm

Luminous
Surface

6 mm
Thickness

www.volarkint.com

Amazonas

Luminous
Surface

03
Random

1600x
3200mm



AMAZONAS

1600x
3200mm

Luminous
Surface

03
Random

6mm
Thickness





AMAZONAS

Amazzonite
Jaze



Luminous
Surface



03
Random

1600x
3200mm



AMAZZONITE JAZE

1600x
3200mm

Luminous
Surface

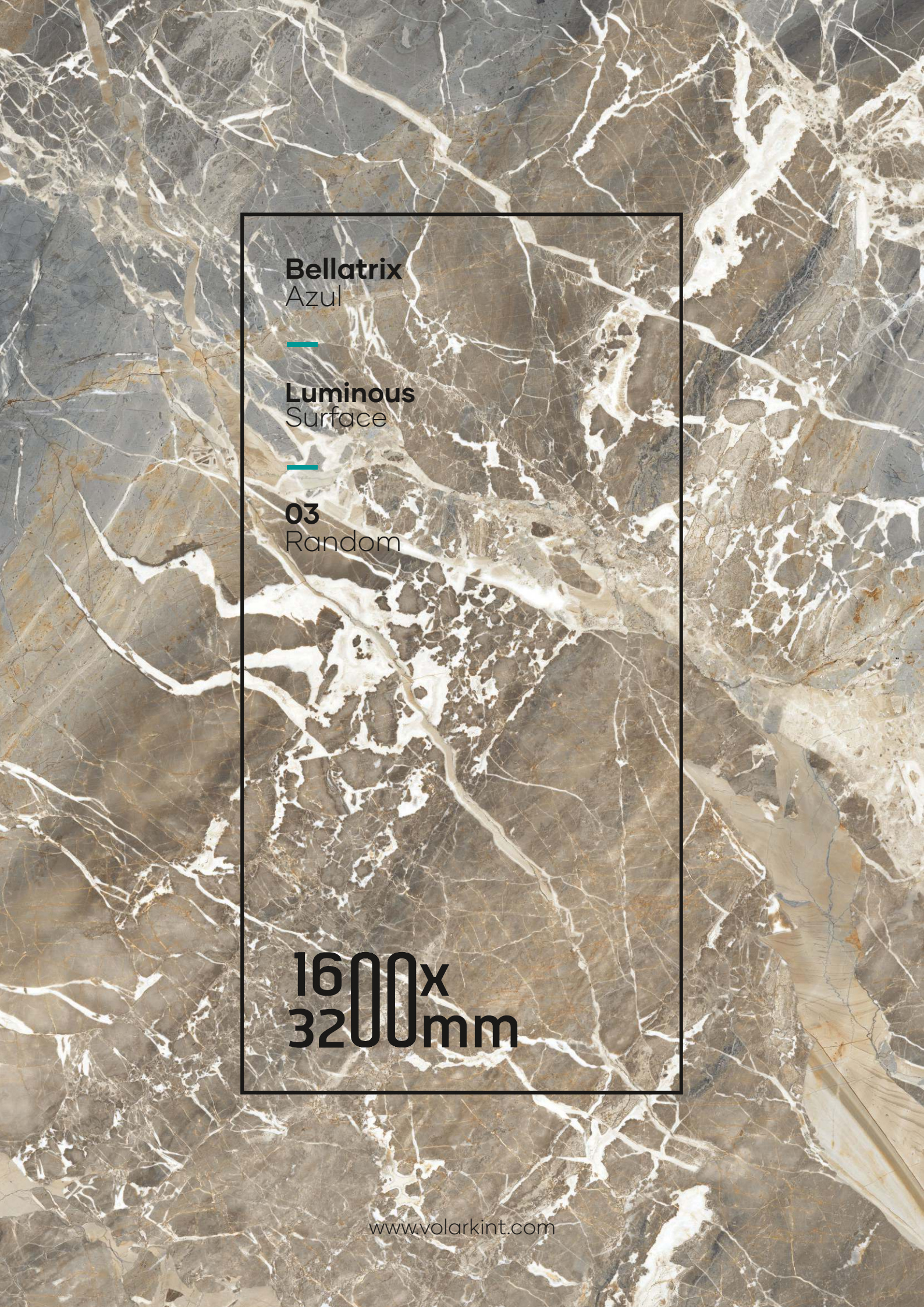
02
Random

6mm
Thickness





AMAZZONITE JAZE

The image features a full-page background of a marble pattern with dark grey, brown, and white veins. A black rectangular frame is centered on the page, containing text and two teal horizontal lines. The text is arranged vertically within the frame.

Bellatrix
Azul

—

Luminous
Surface

—

03
Random

1600x
3200mm



BELLATRIX AZUL

1600x
3200mm

Luminous
Surface

03
Random

6mm
Thickness





BELLATRIX AZUL

Benvento
Aqua

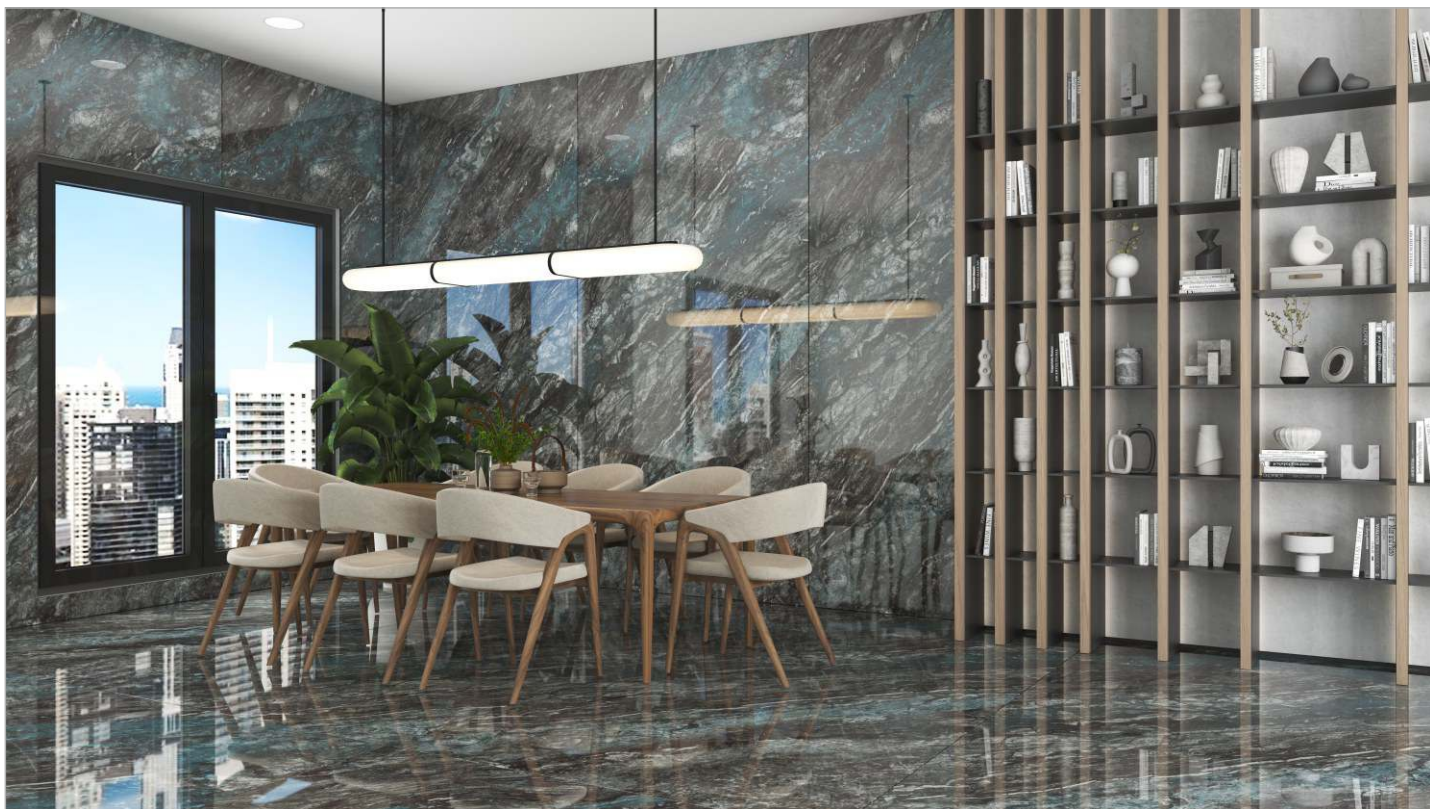


Luminous
Surface



02
Random

1600x
3200mm



BENVENTO AQUA

1600x
3200mm

Luminous
Surface

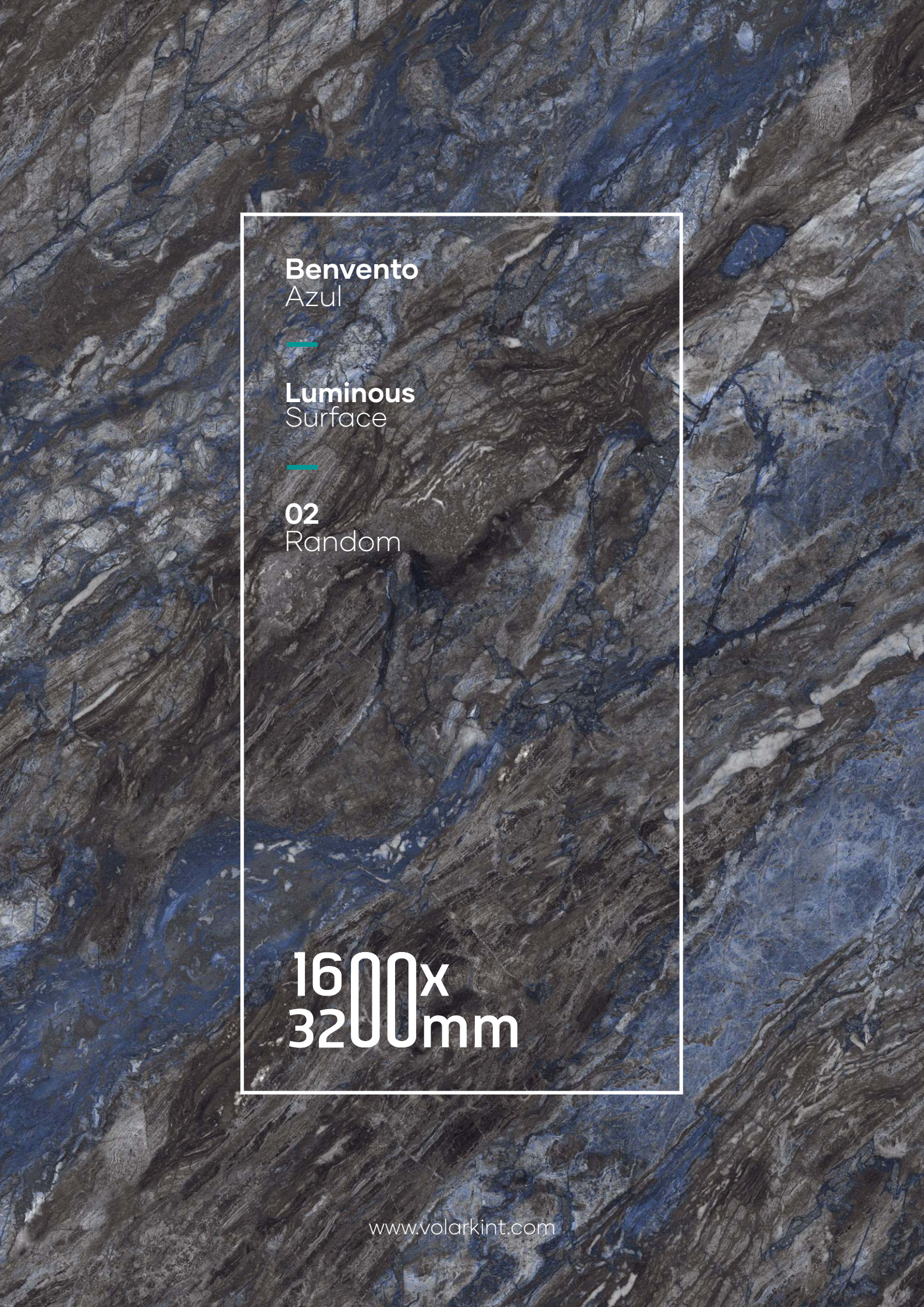
02
Random

6mm
Thickness





BENVENTO AQUA



Benvento
Azul

Luminous
Surface

02
Random

1600x
3200mm



BENVENTO AZUL

1600x
3200mm

Luminous
Surface

02
Random

6mm
Thickness





BENEVENTO AZUL

Bianca
Fiore



Luminous
Surface



03
Random

1600x
3200mm



BIANCA FIORE

1600x
3200mm

Luminous
Surface

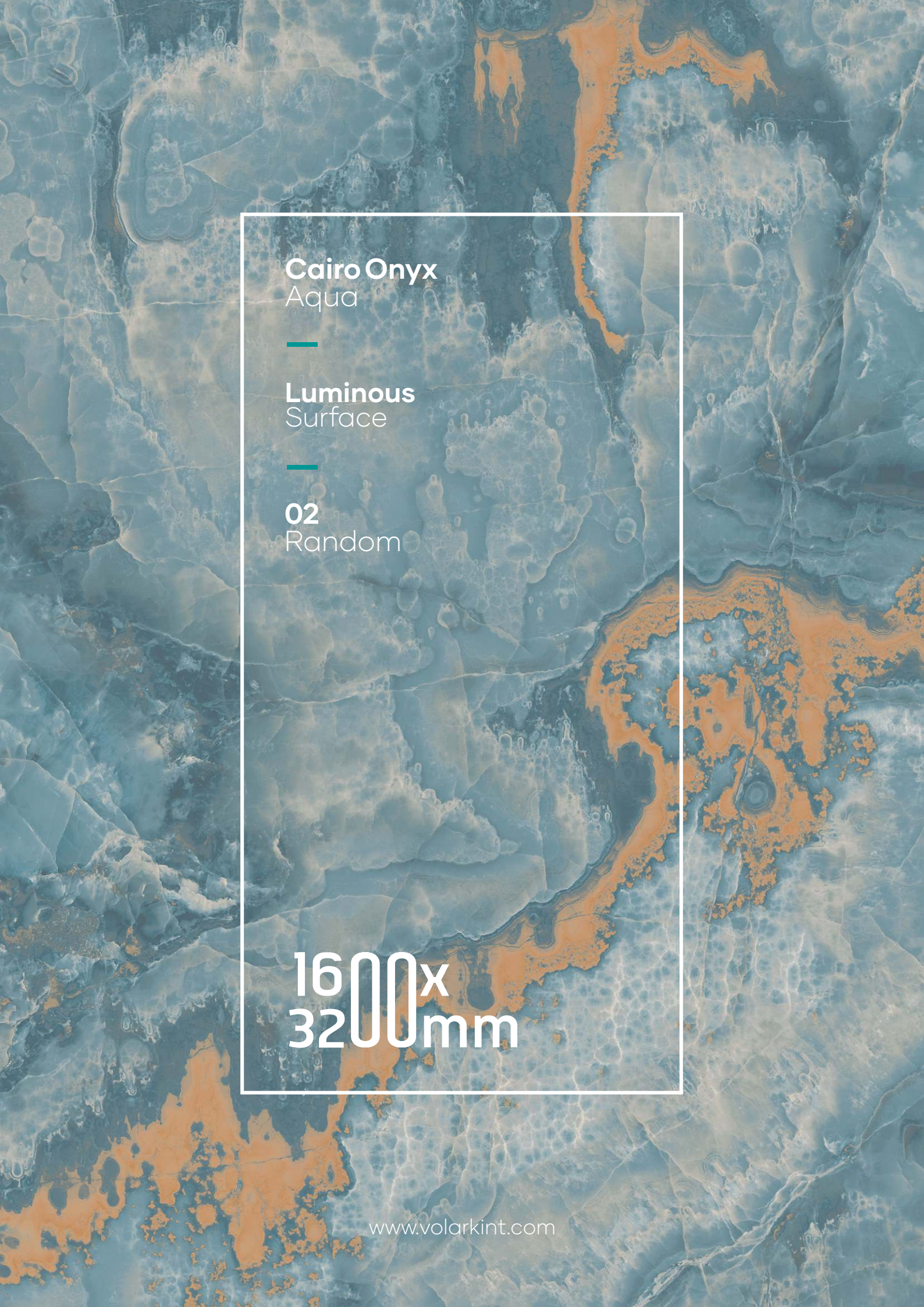
03
Random

6mm
Thickness





BIANCA FIORE

The background is a detailed image of Cairo Onyx in the Aqua colorway. It features a complex, organic pattern of swirling, veined, and mottled textures. The primary colors are various shades of blue and teal, ranging from light, airy tones to deep, dark navy blues. Interspersed throughout these blue tones are irregular, vein-like patterns of a warm, earthy orange or terracotta color. The overall effect is one of natural, flowing beauty and depth.

Cairo Onyx
Aqua

Luminous
Surface

02
Random

1600x
3200mm



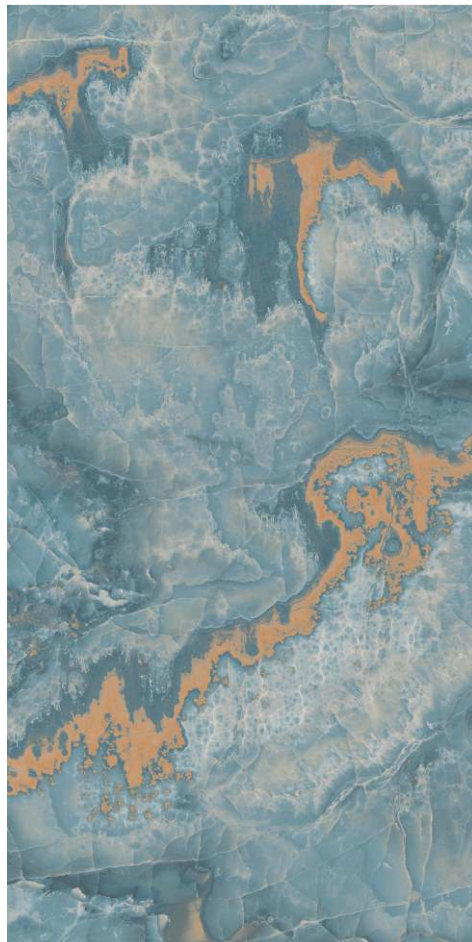
CAIRO ONYX AQUA

1600x
3200mm

Luminous
Surface

02
Random

6mm
Thickness





CAIRO ONYX AQUA

Cairo Onyx
Beige

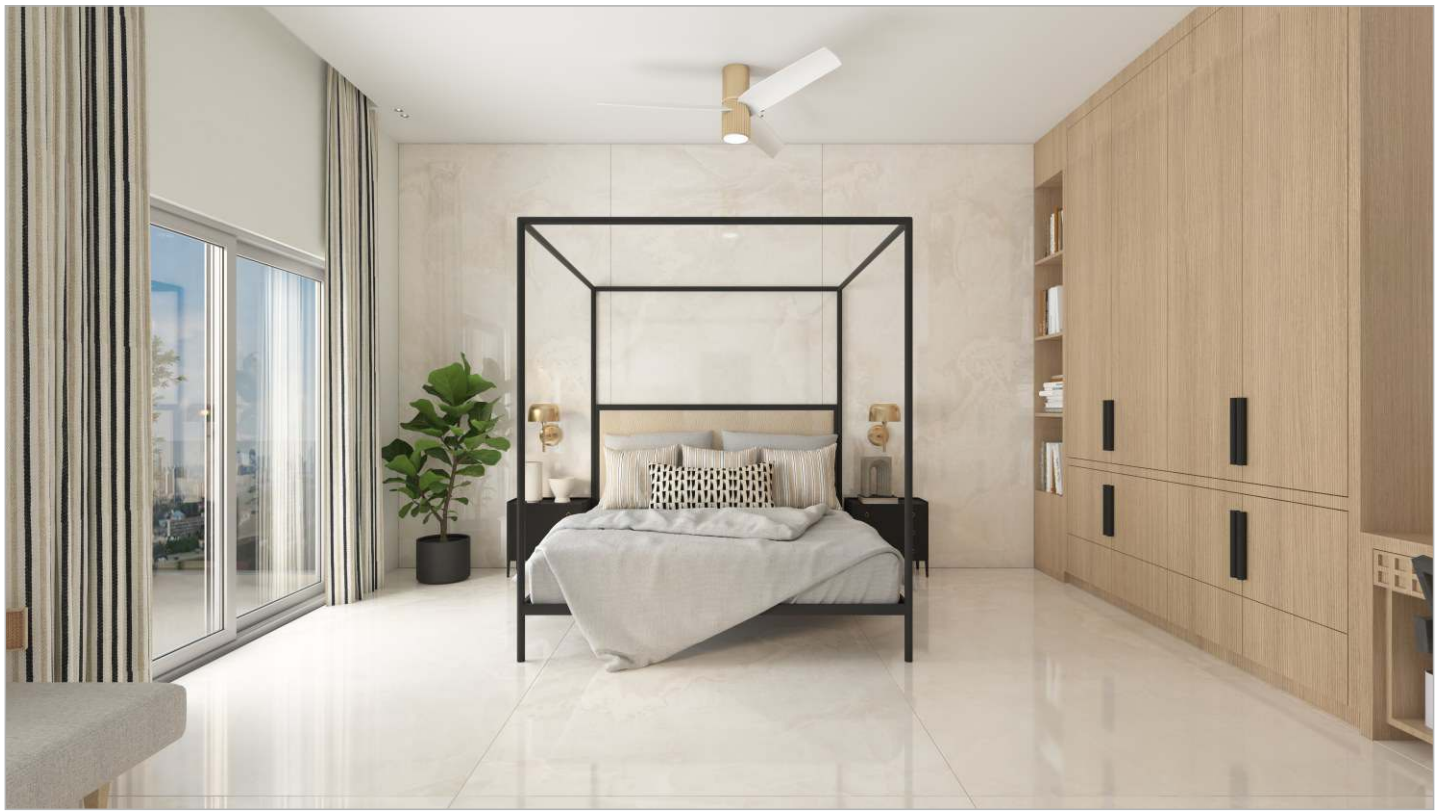


Luminous
Surface



02
Random

1600x
3200mm



CAIRO ONYX BEIGE

1600x
3200mm

Luminous
Surface

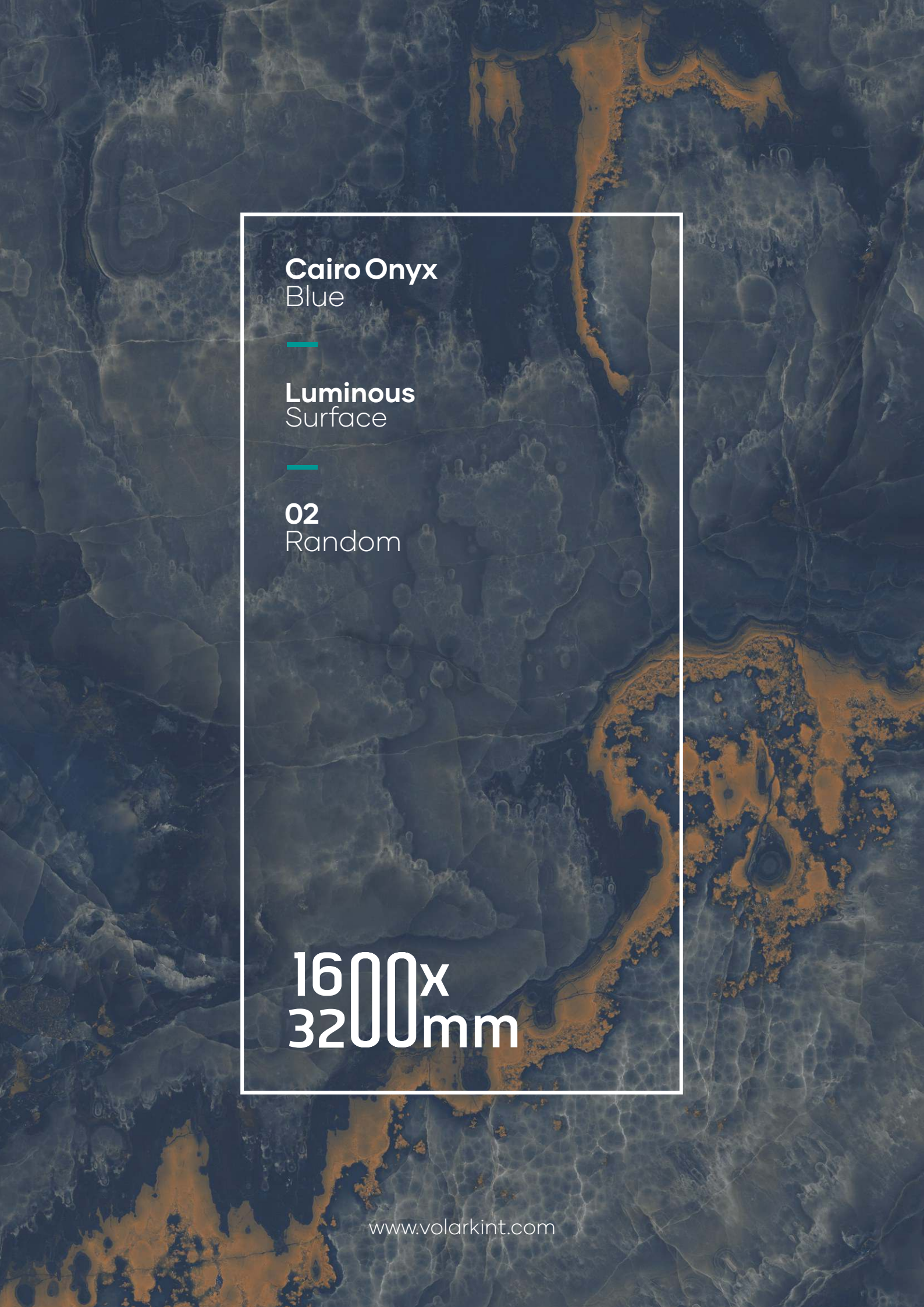
02
Random

6mm
Thickness





CAIRO ONYX BIEGE

The background of the entire image is a detailed, high-resolution pattern of Cairo Onyx Blue stone. The pattern features a complex interplay of dark, charcoal blue and black tones, with lighter, greyish-blue veining and prominent, irregular patches of a warm, golden-brown or terracotta color. These patches are distributed throughout the image, often following the veins of the darker material, creating a rich, organic, and somewhat abstract visual texture.

Cairo Onyx
Blue

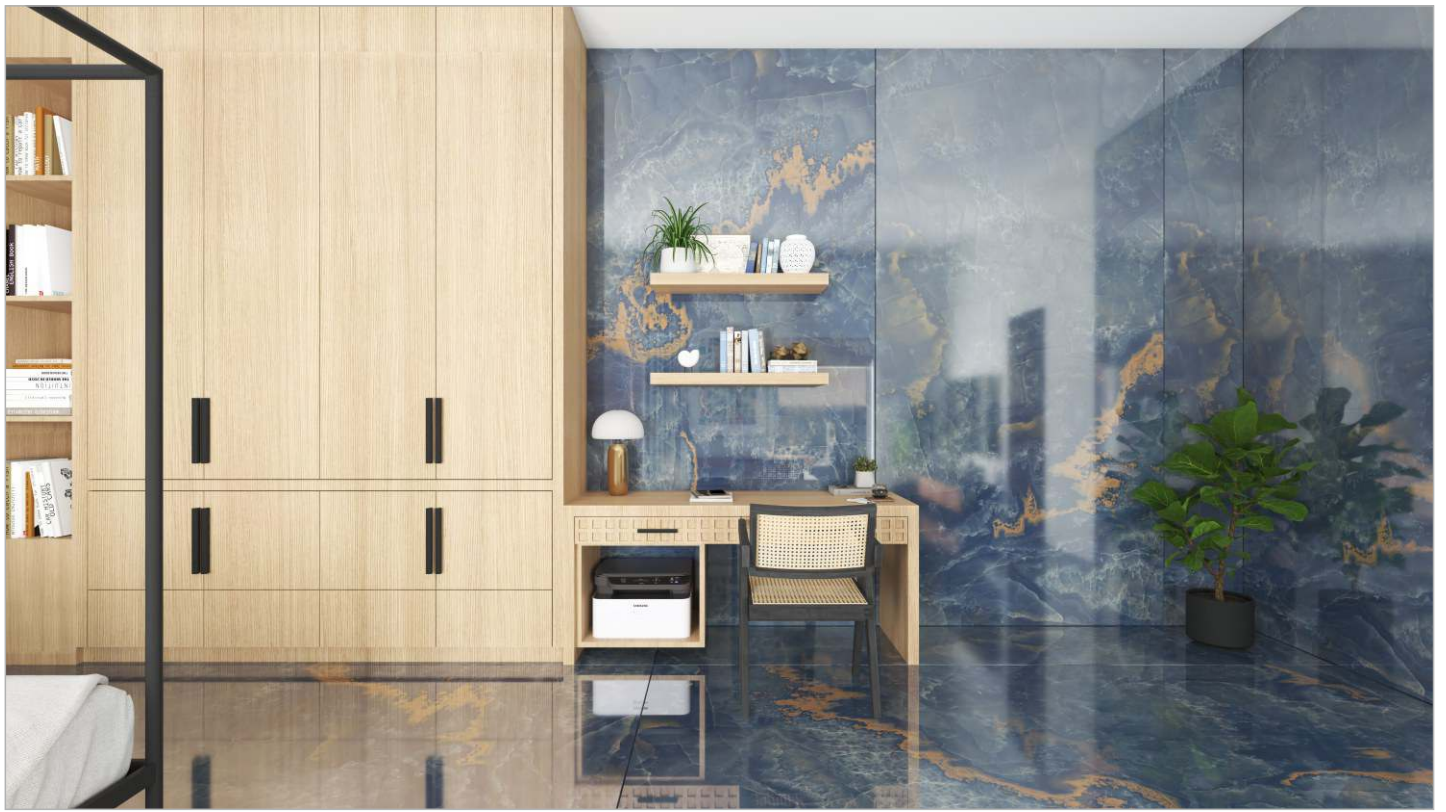
—

Luminous
Surface

—

02
Random

1600x
3200mm



CAIRO ONYX BLUE

1600x
3200mm

Luminous
Surface

02
Random

6mm
Thickness





CAIRO ONYX BLUE



Ganymede
Brown

Luminous
Surface

03
Random

1600x
3200mm



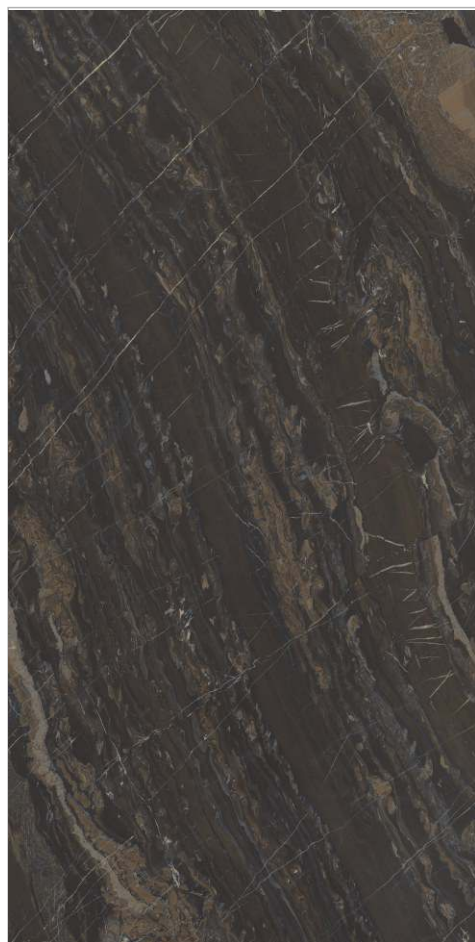
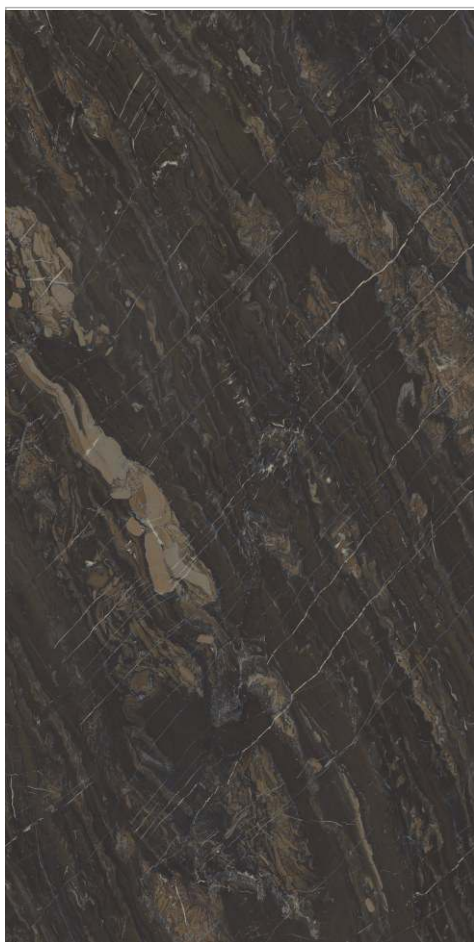
GANYMEDE BROWN

1600x
3200mm

Luminous
Surface

03
Random

6mm
Thickness





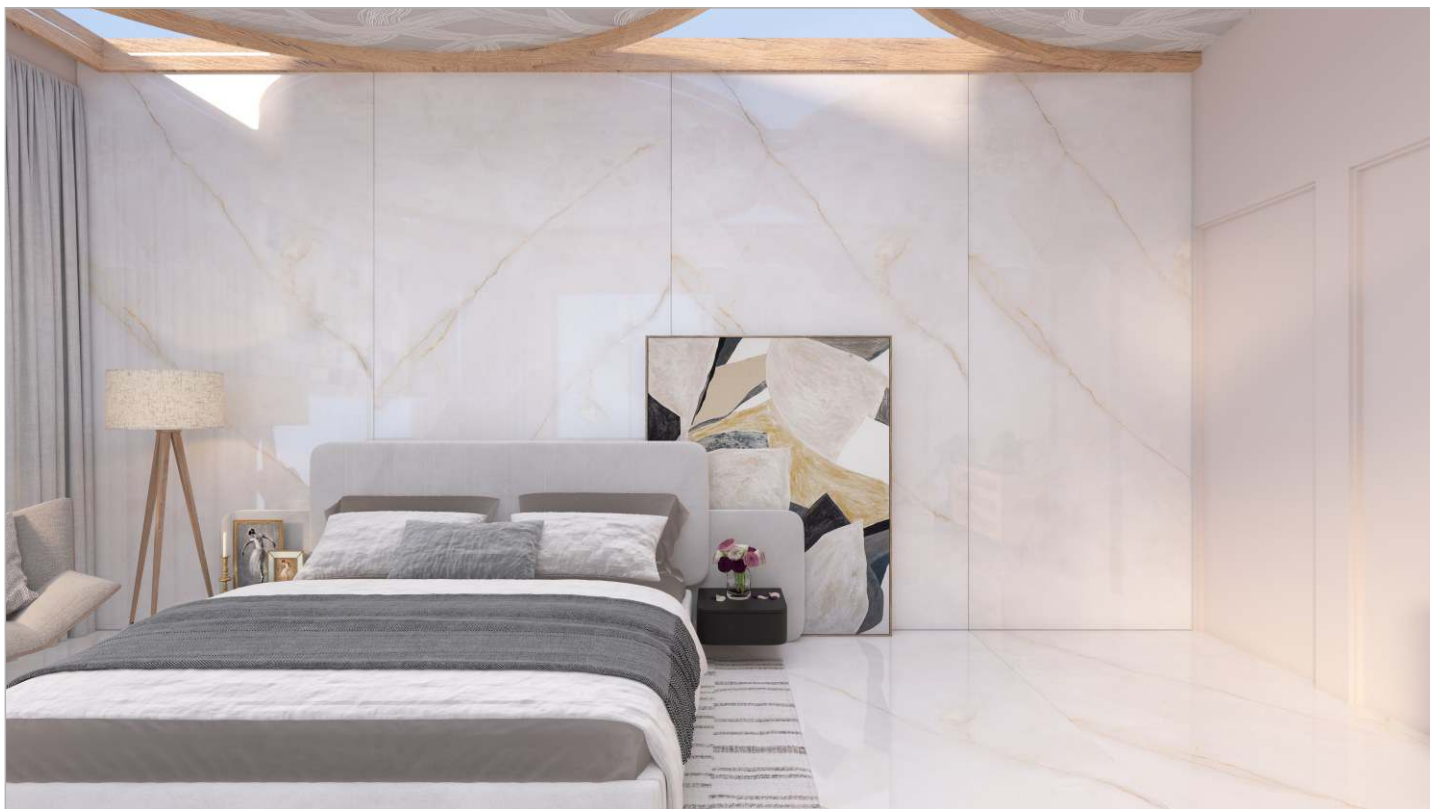
GANYMEDE BROWN

Golden
Silk



Luminous
Surface

1600x
3200mm



GOLDEN SILK

1600x
3200mm

Luminous
Surface

6mm
Thickness





GOLDEN SILK

Grigio
Carnico

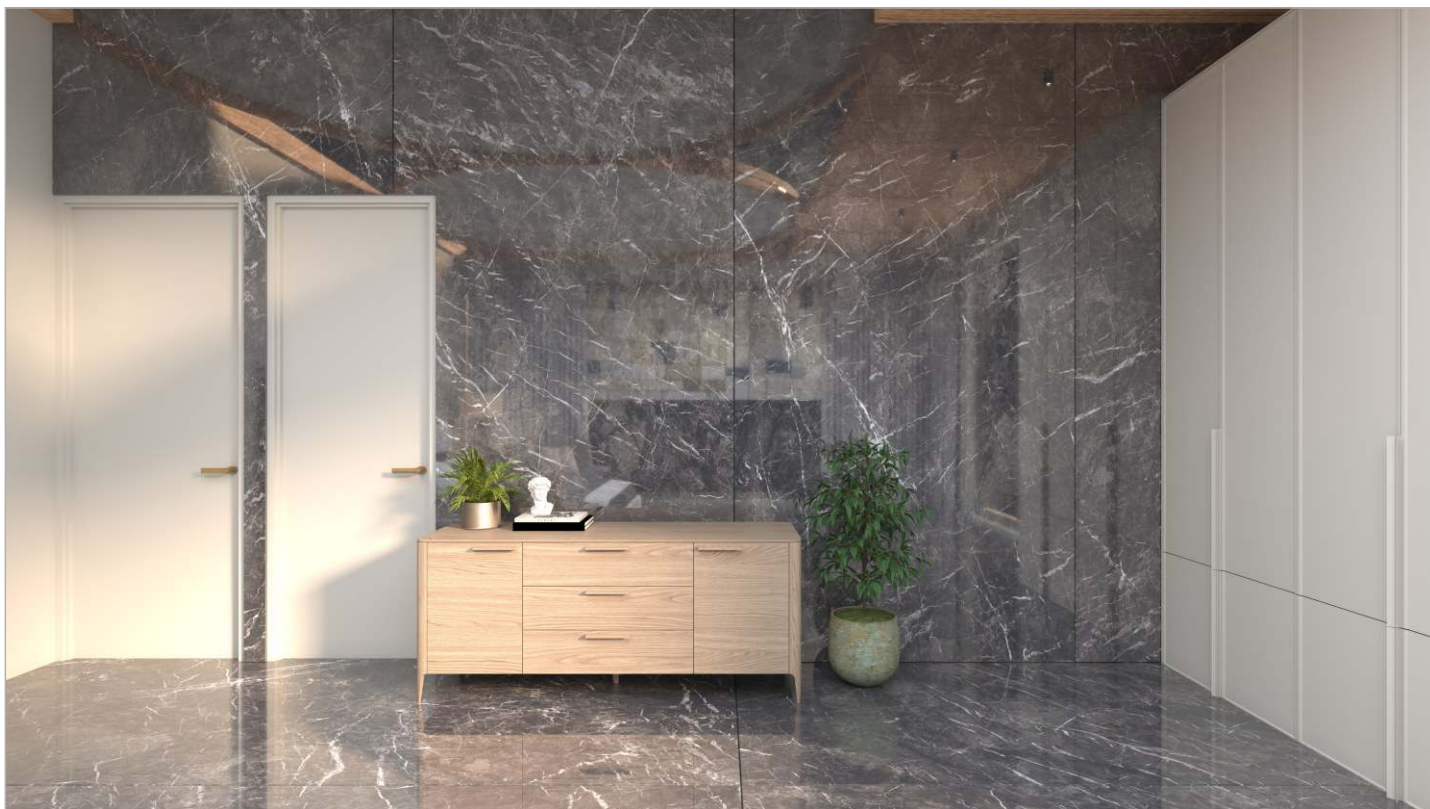


Luminous
Surface



03
Random

1600x
3200mm



GRIGIO CARNICO

1600x
3200mm

Luminous
Surface

03
Random

6mm
Thickness





GRIGIO CARNICO

Jasto
Romano

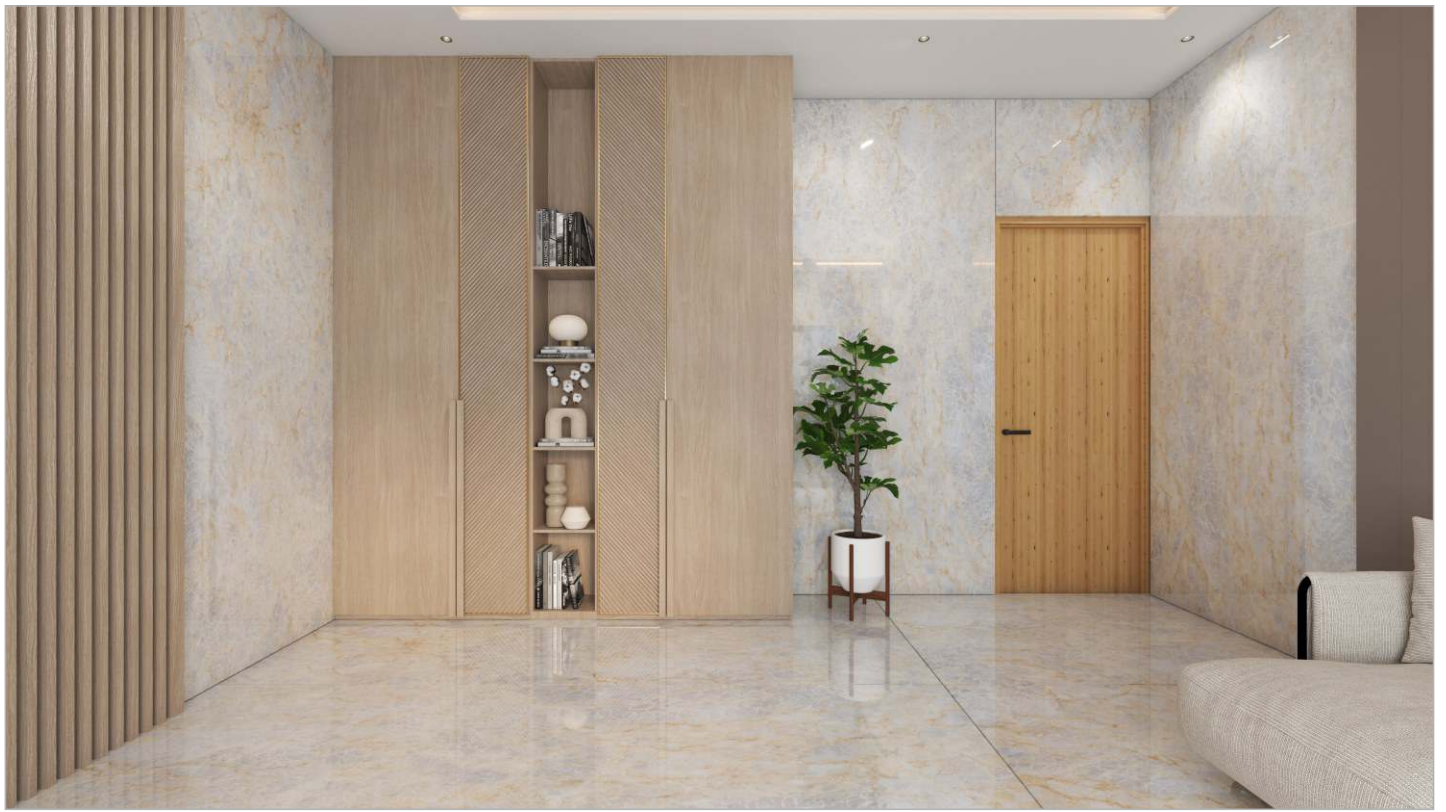


Luminous
Surface



02
Random

1600x
3200mm



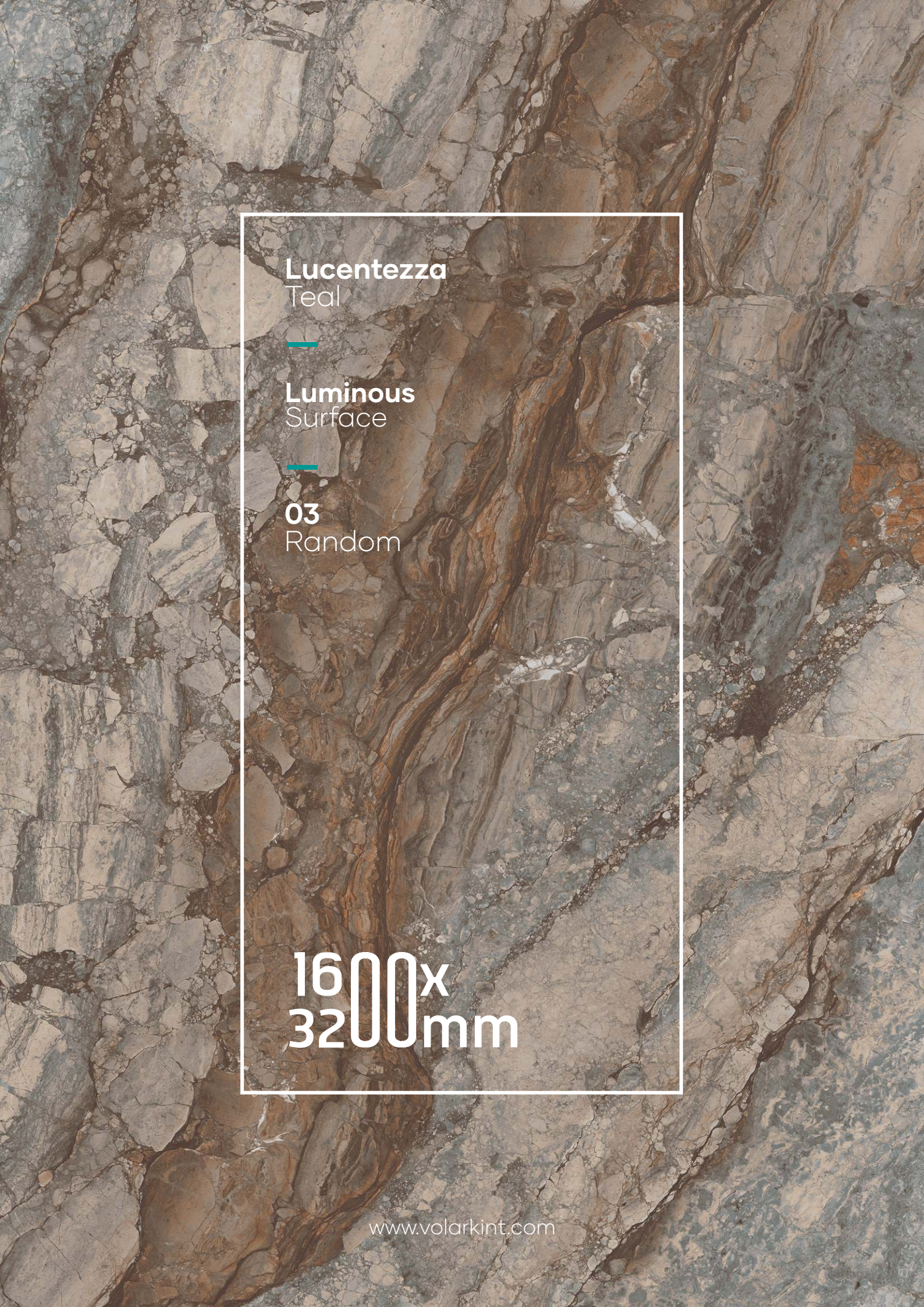
JASTO ROMANO

1600x 3200mm	Luminous Surface	02 Random	6mm Thickness
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JASTO ROMANO

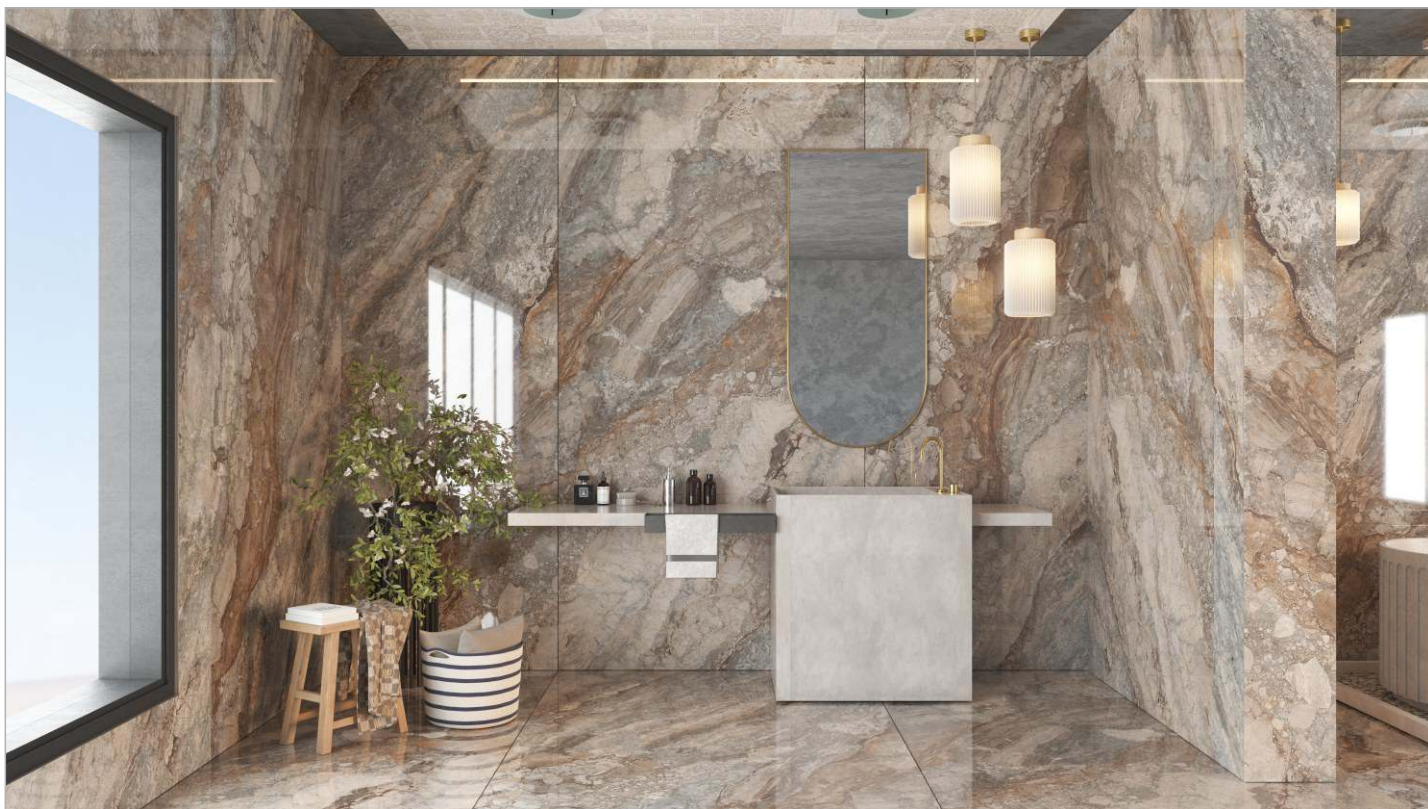


Lucentezza
Teal

Luminous
Surface

03
Random

1600x
3200mm



LUCENTEZZA TEAL

1600x
3200mm

Luminous
Surface

03
Random

6mm
Thickness





LUCENTEZZA TEAL

Manhattan
White



Luminous
Surface



03
Random

1600x
3200mm



MANHATTAN WHITE

1600x
3200mm

Luminous
Surface

02
Random

6mm
Thickness





MANHATTAN WHITE

Nord
Black



Luminous
Surface



03
Random

1600x
3200mm



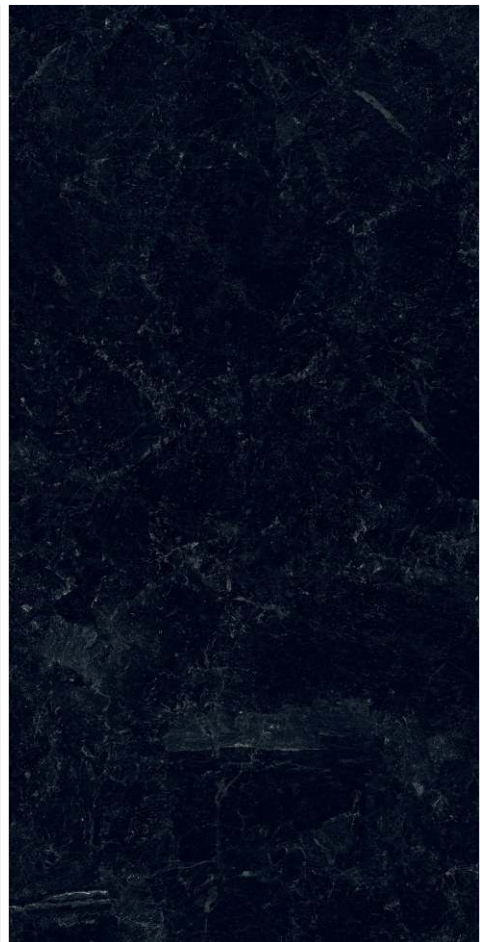
NORD BLACK

1600x
3200mm

Luminous
Surface

03
Random

6mm
Thickness





NORD BLACK

Nord
Verde

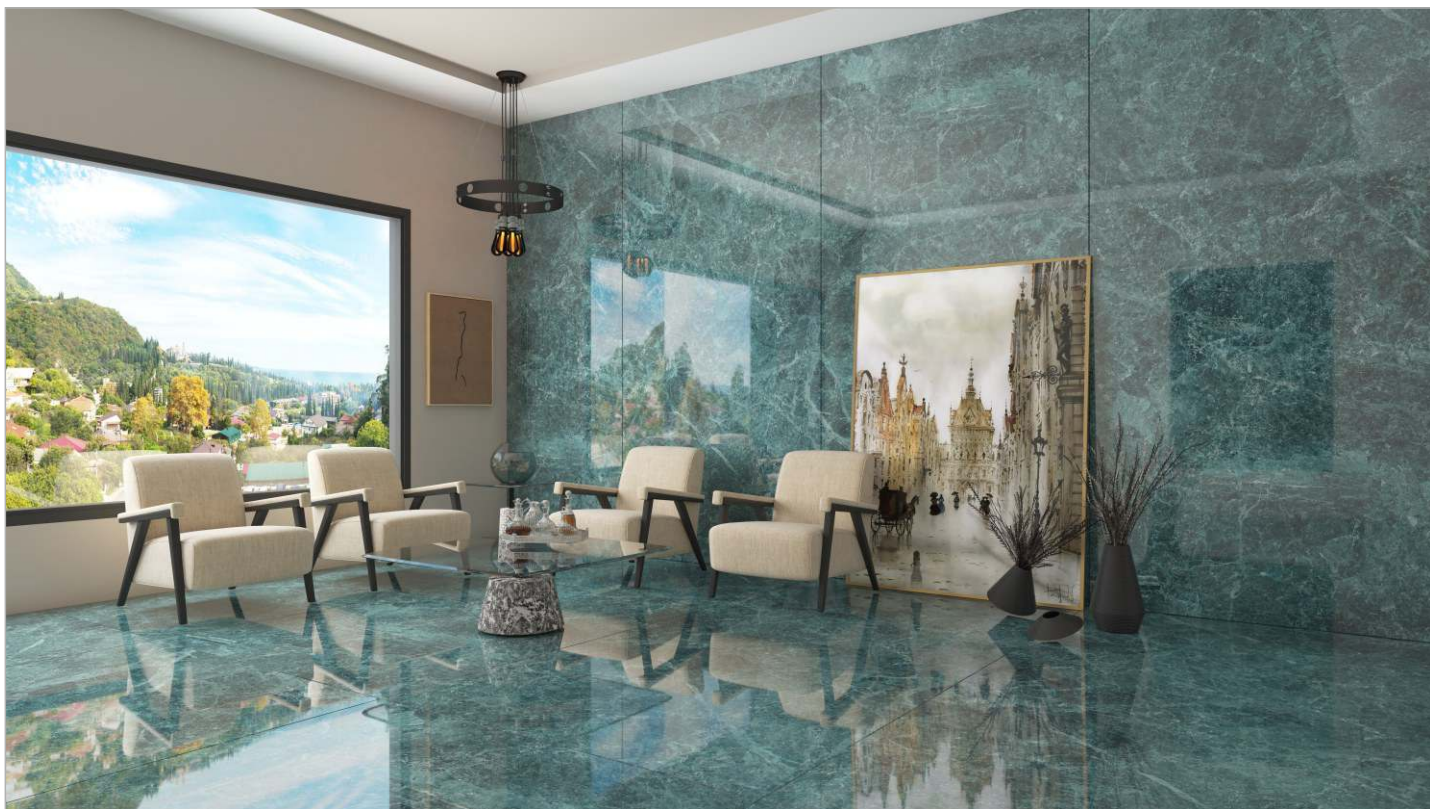


Luminous
Surface



03
Random

1600x
3200mm



NORD VERDE

1600x
3200mm

Luminous
Surface

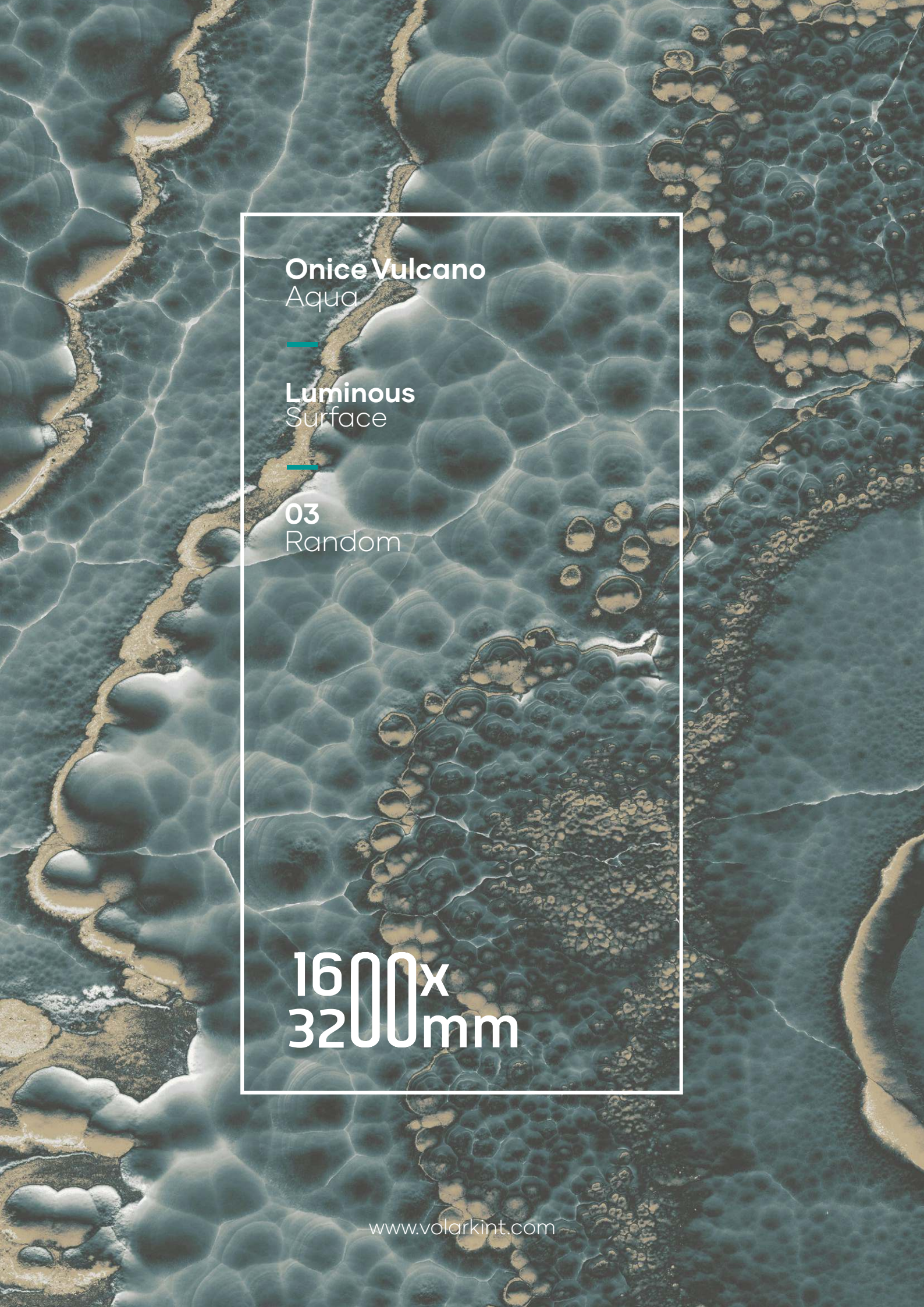
03
Random

6mm
Thickness





NORD VERDE

The background is a detailed, high-resolution image of a natural stone pattern, specifically Onice Vulcano Aqua. It features a complex, organic design with swirling, cellular, and vein-like structures in shades of deep teal, dark blue, and black, interspersed with lighter, golden-brown and cream-colored areas. The overall effect is reminiscent of a microscopic view of a mineral or a cross-section of certain types of marble or onyx.

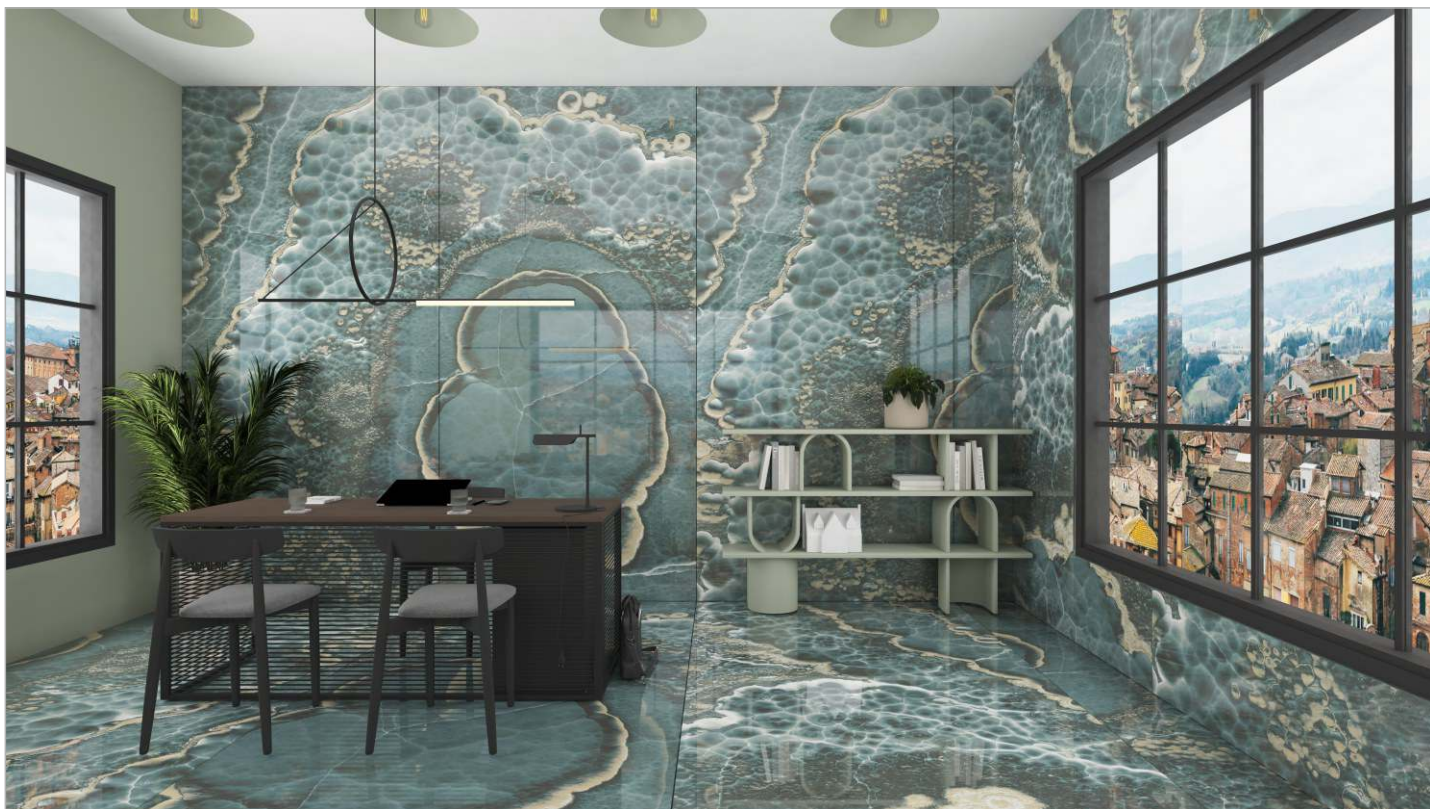
Onice Vulcano
Aqua

Luminous
Surface

03
Random

1600x
3200mm

www.volarkint.com



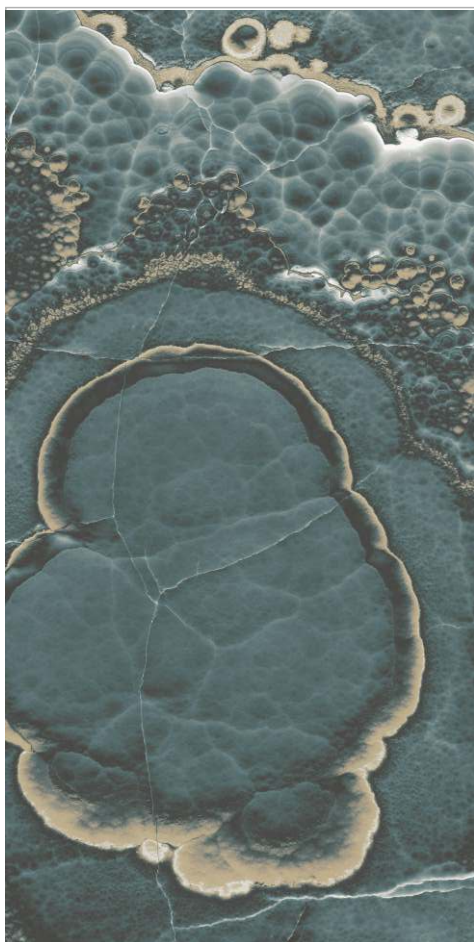
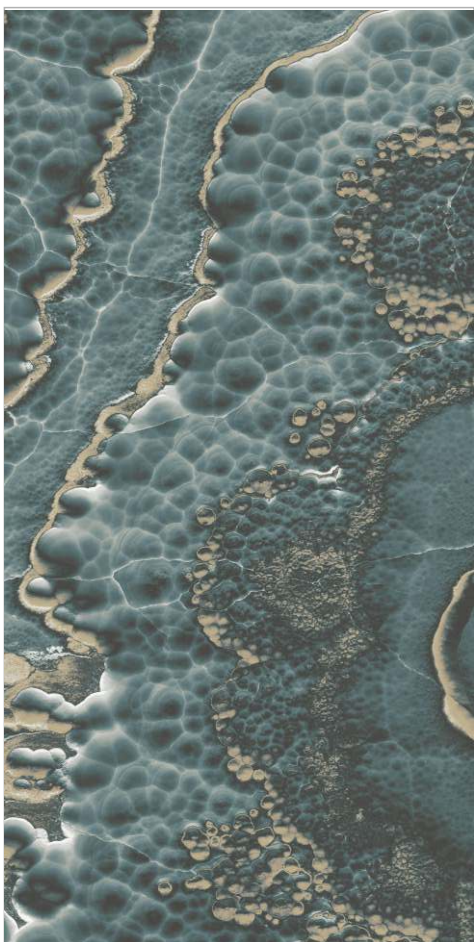
ONICE VULCANO AQUA

1600x
3200mm

Luminous
Surface

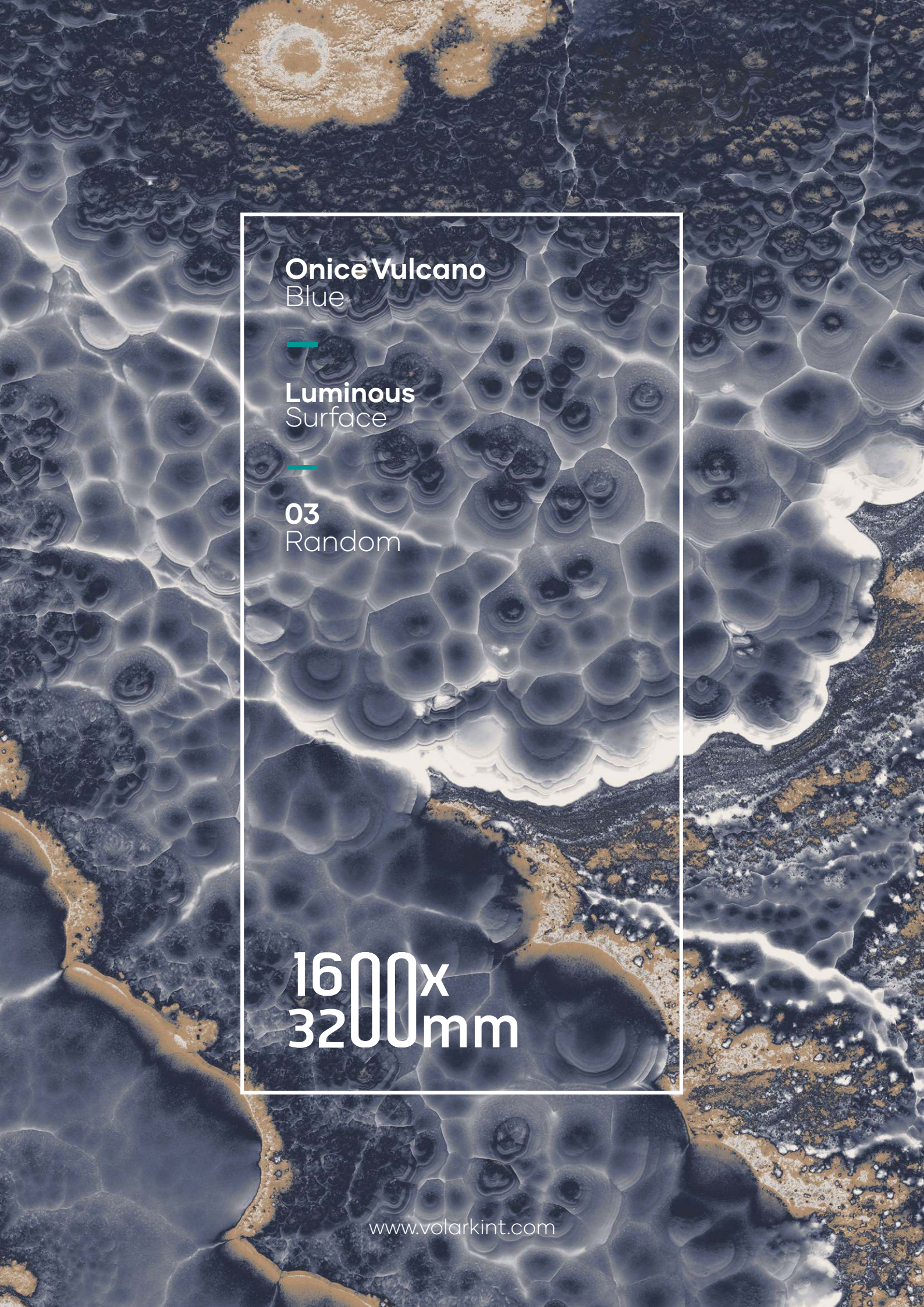
03
Random

6mm
Thickness





ONICE VULCANO AQUA



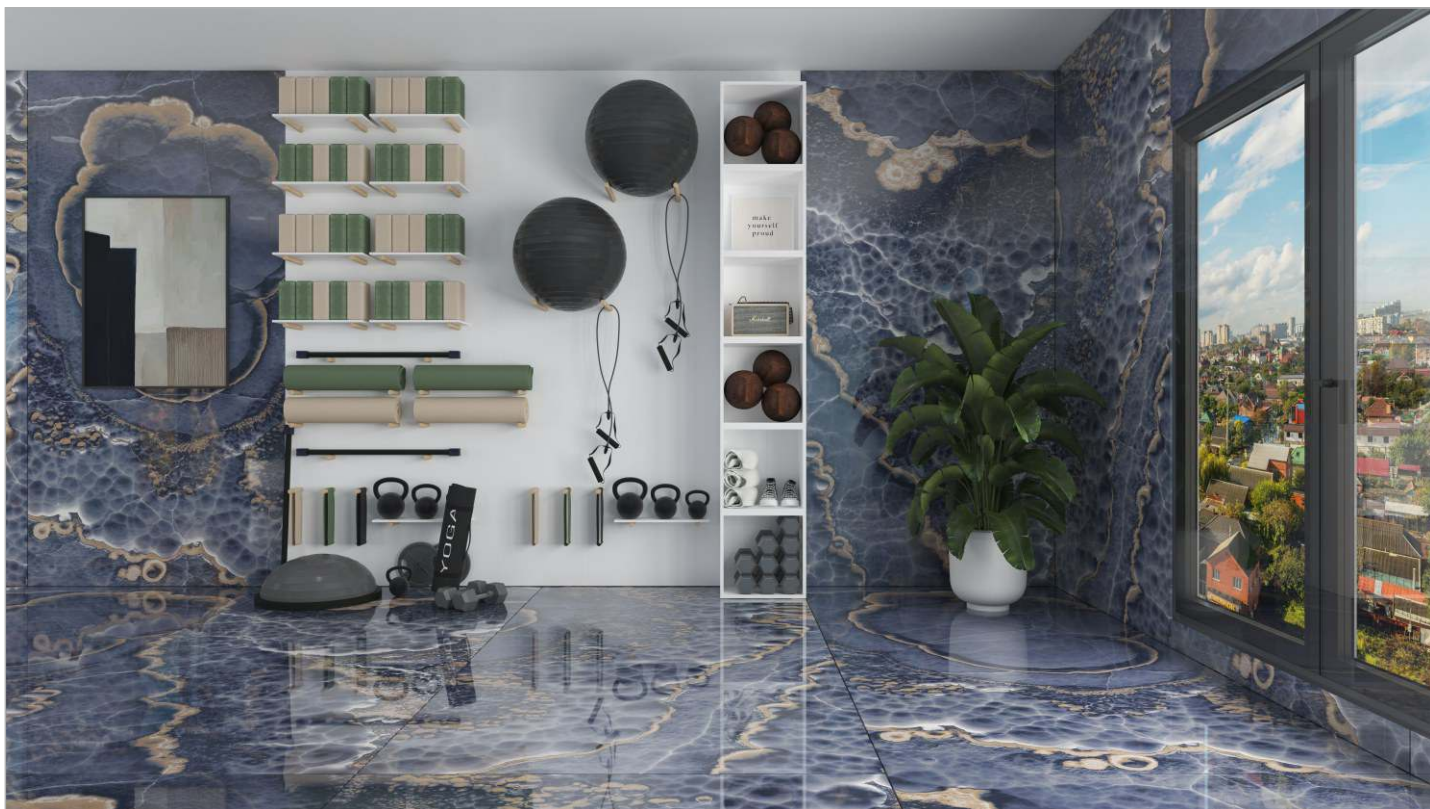
Onice Vulcano
Blue

Luminous
Surface

03
Random

1600x
3200mm

www.volarkint.com



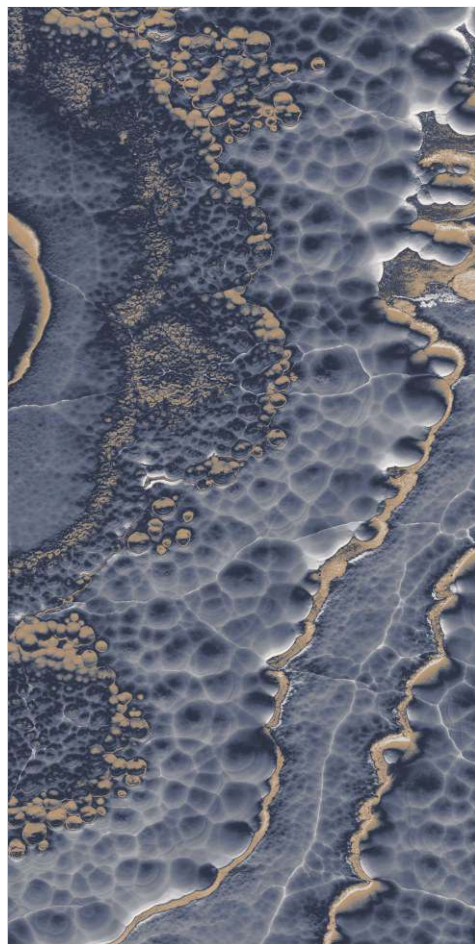
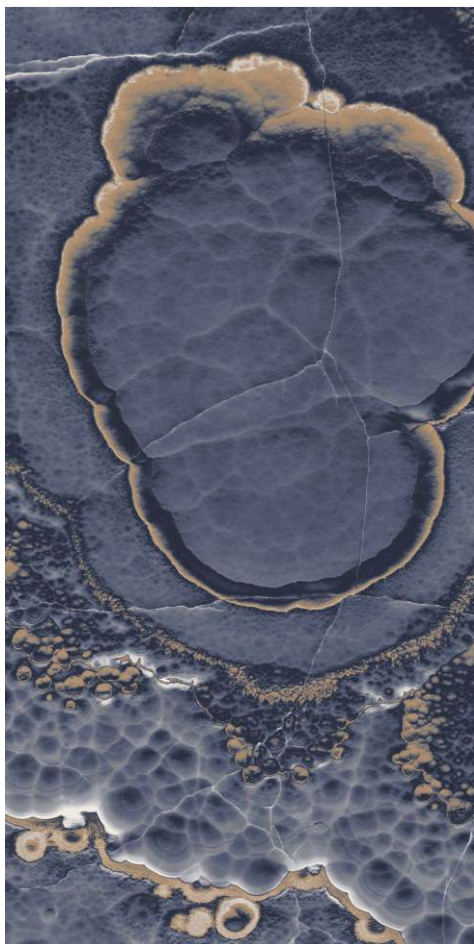
ONICE VULCANO BLUE

1600x
3200mm

Luminous
Surface

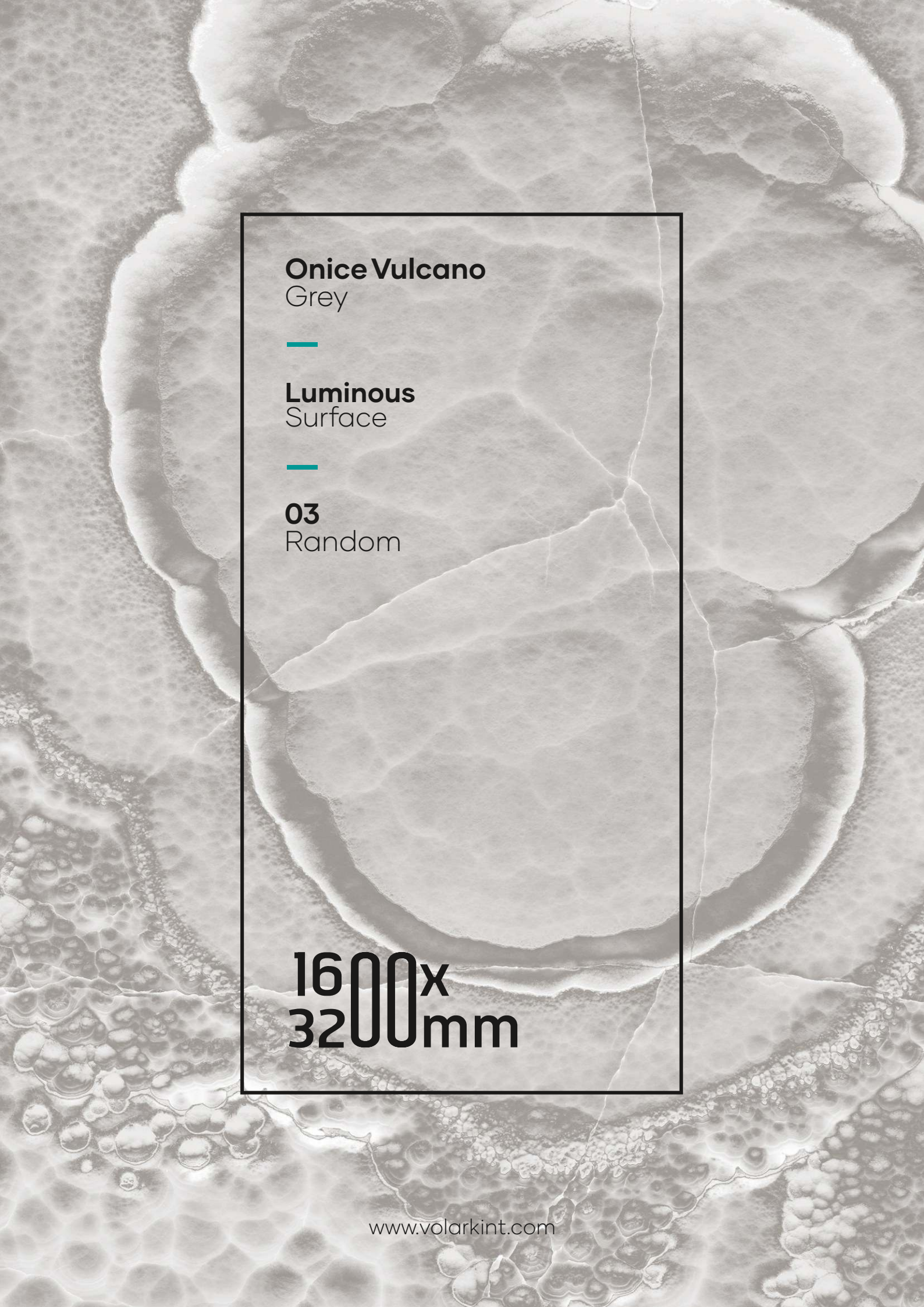
03
Random

6mm
Thickness





ONICE VULCANO BLUE

The background is a high-resolution, grayscale image of a natural stone surface, specifically Onice Vulcano Grey. It features a complex pattern of organic, cell-like shapes and veins in various shades of grey. A black rectangular frame is centered on the image, containing product information.

Onice Vulcano
Grey

—

Luminous
Surface

—

03
Random

1600x
3200mm



**ONICE
VULCANO
GREY**

**1600x
3200mm**

**Luminous
Surface**

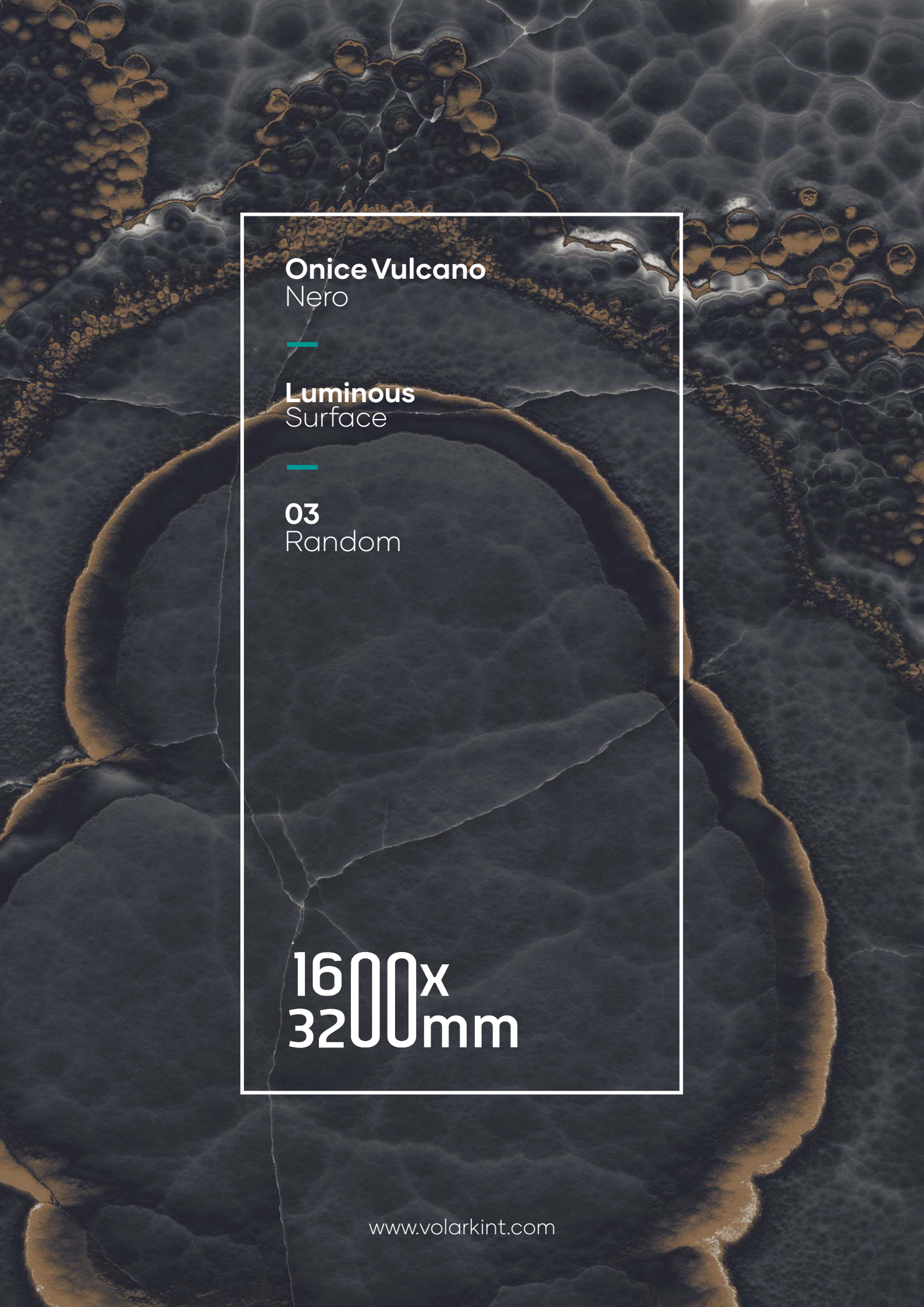
**03
Random**

**6mm
Thickness**





ONICE VULCANO GREY

The background of the entire image is a close-up of a dark, textured stone surface. It features a complex pattern of dark grey and black tones, with prominent, irregular veins of a lighter, golden-brown color. These veins form a network of interconnected shapes, some resembling cells or organic structures. The lighting creates a sense of depth, highlighting the rough, crystalline texture of the stone.

Onice Vulcano
Nero

—

Luminous
Surface

—

03
Random

1600x
3200mm



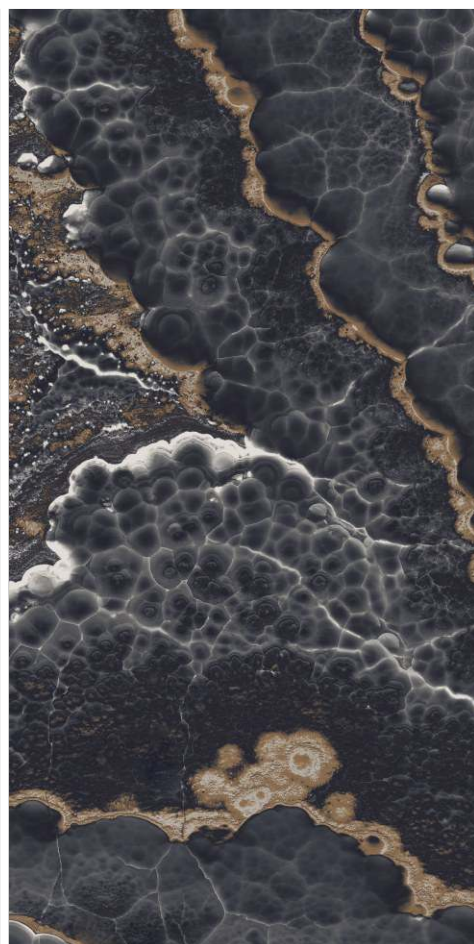
ONICE VULCANO NERO

1600x
3200mm

Luminous
Surface

03
Random

6mm
Thickness





ONICE VULCANO NERO

Onyx
Bianco



Luminous
Surface

1600x
3200mm



**ONYX
BIANCO**

**1600x
3200mm**

**Luminous
Surface**

**6mm
Thickness**





ONYX BIANCO

Onyx
Nero



Luminous
Surface



03
Random

1600x
3200mm



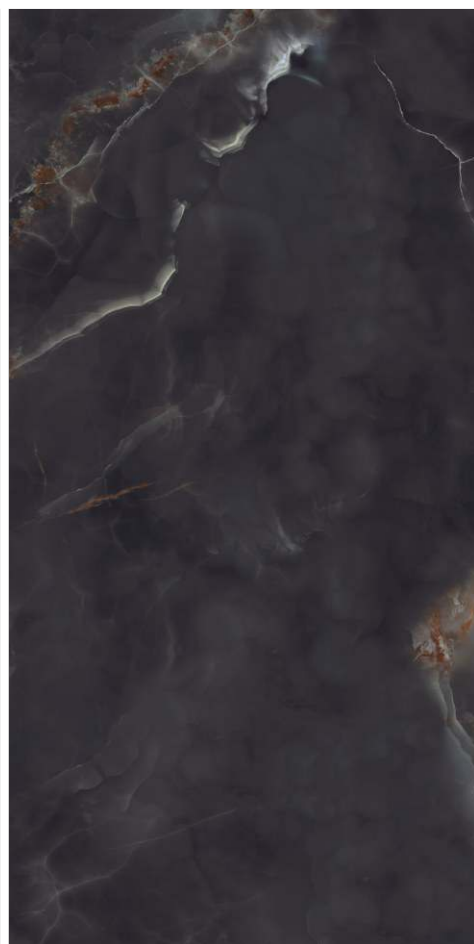
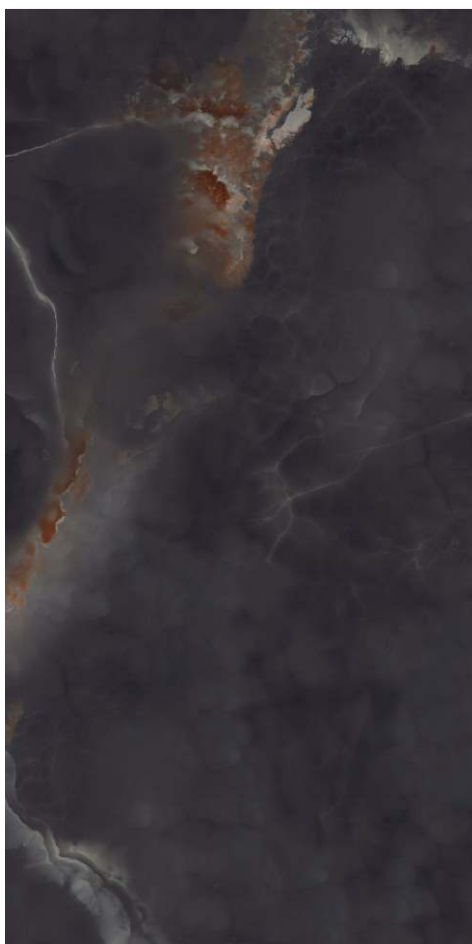
**ONYX
NERO**

**1600x
3200mm**

**Luminous
Surface**

**03
Random**

**6mm
Thickness**





ONYX NERO

The background is a high-resolution image of a marble surface, specifically the 'Opera Green' variety. It features a complex pattern of veins in shades of light green, white, and hints of yellow and brown. A black rectangular border frames a central area containing text and decorative elements.

Opera
Green



Luminous
Surface



03
Random

1600x
3200mm



OPERA GREEN

1600x
3200mm

Luminous
Surface

03
Random

6mm
Thickness





OPERA GREEN

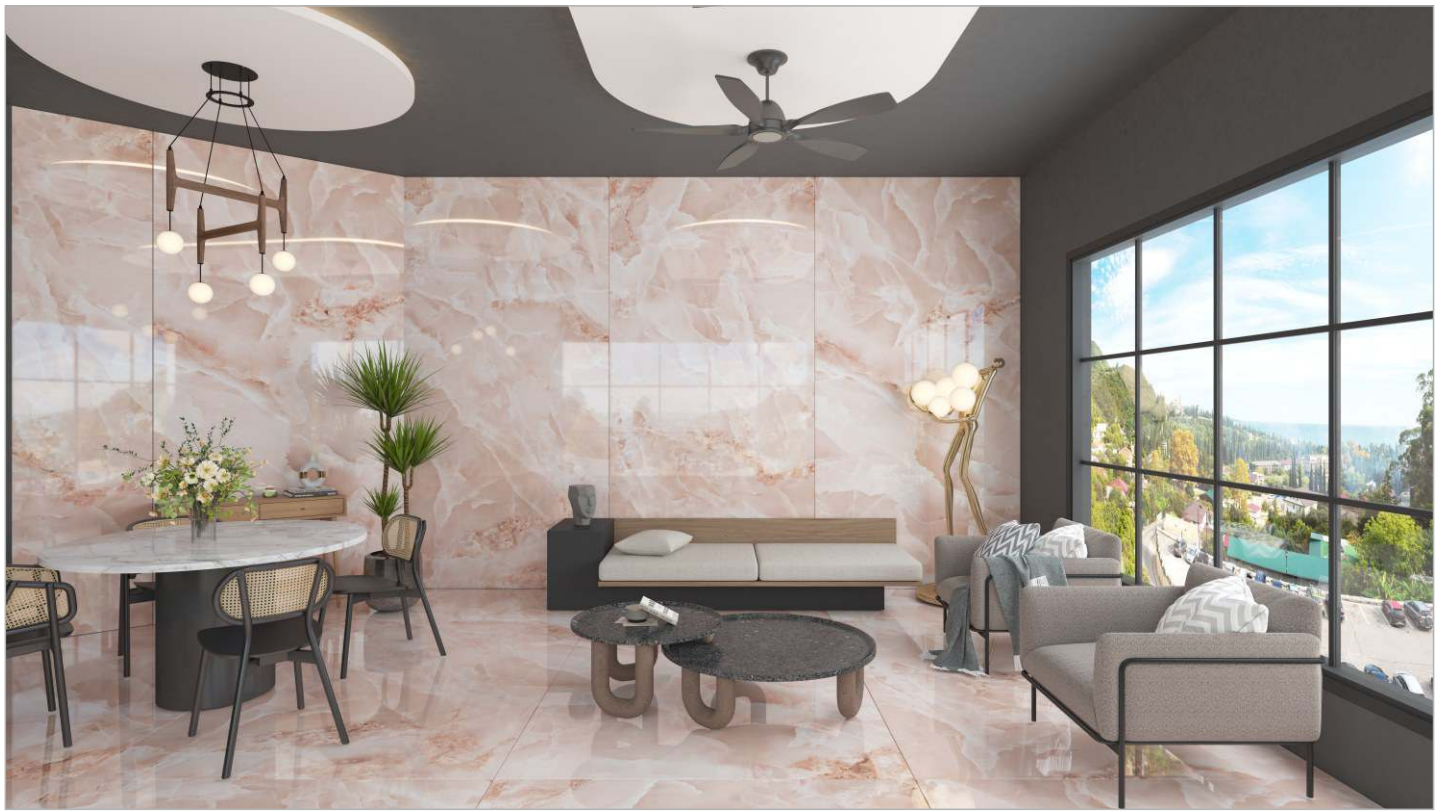


Opera
Pink

Luminous
Surface

03
Random

1600x
3200mm



OPERA PINK

1600x
3200mm

Luminous
Surface

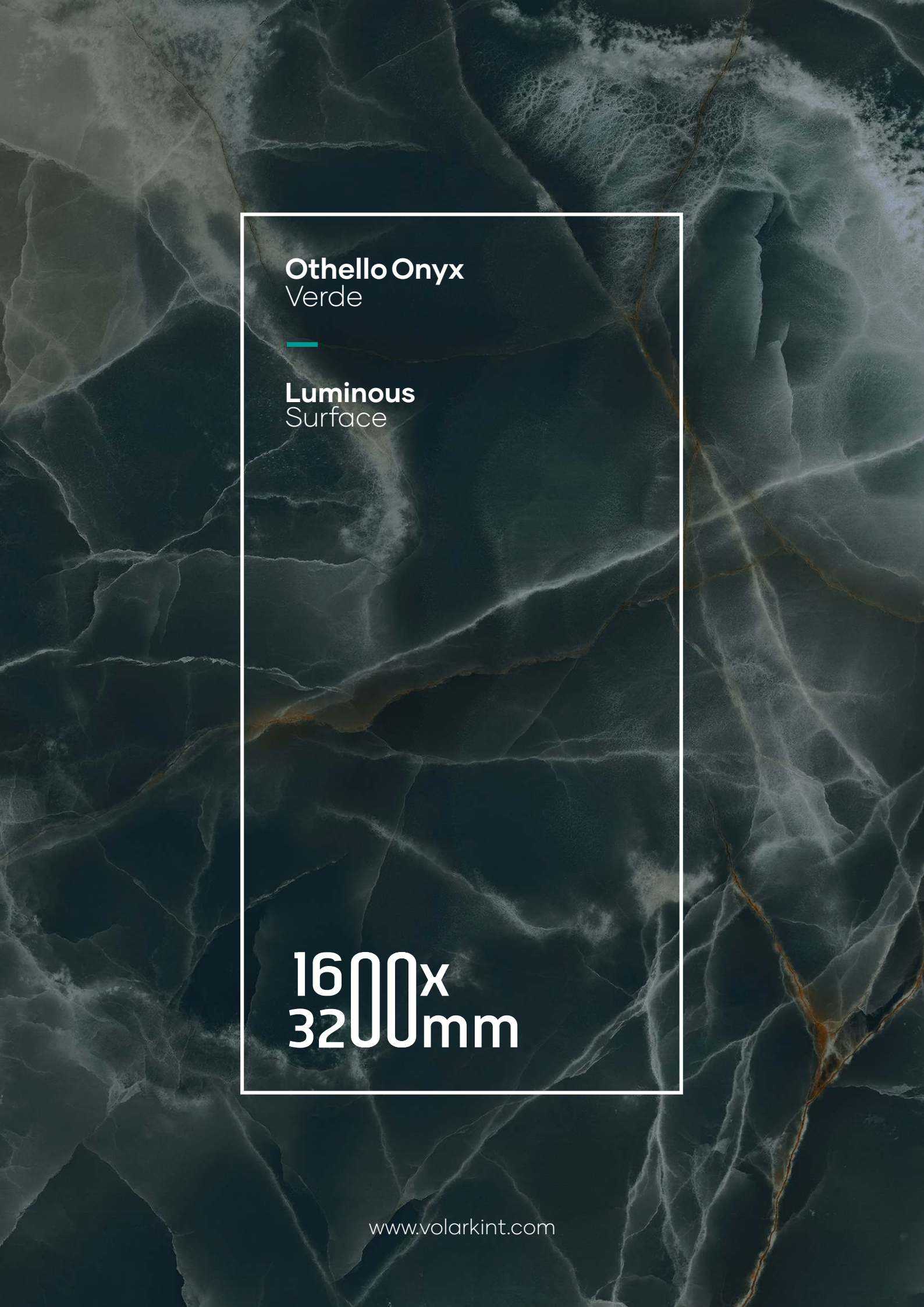
03
Random

6mm
Thickness





OPEARA PINK



Othello Onyx
Verde

Luminous
Surface

1600x
3200mm

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OTHELLO ONYX VERDE

1600x
3200mm

Luminous
Surface

6mm
Thickness





OTHELLO ONYX VERDE

Royal Black
Marquina

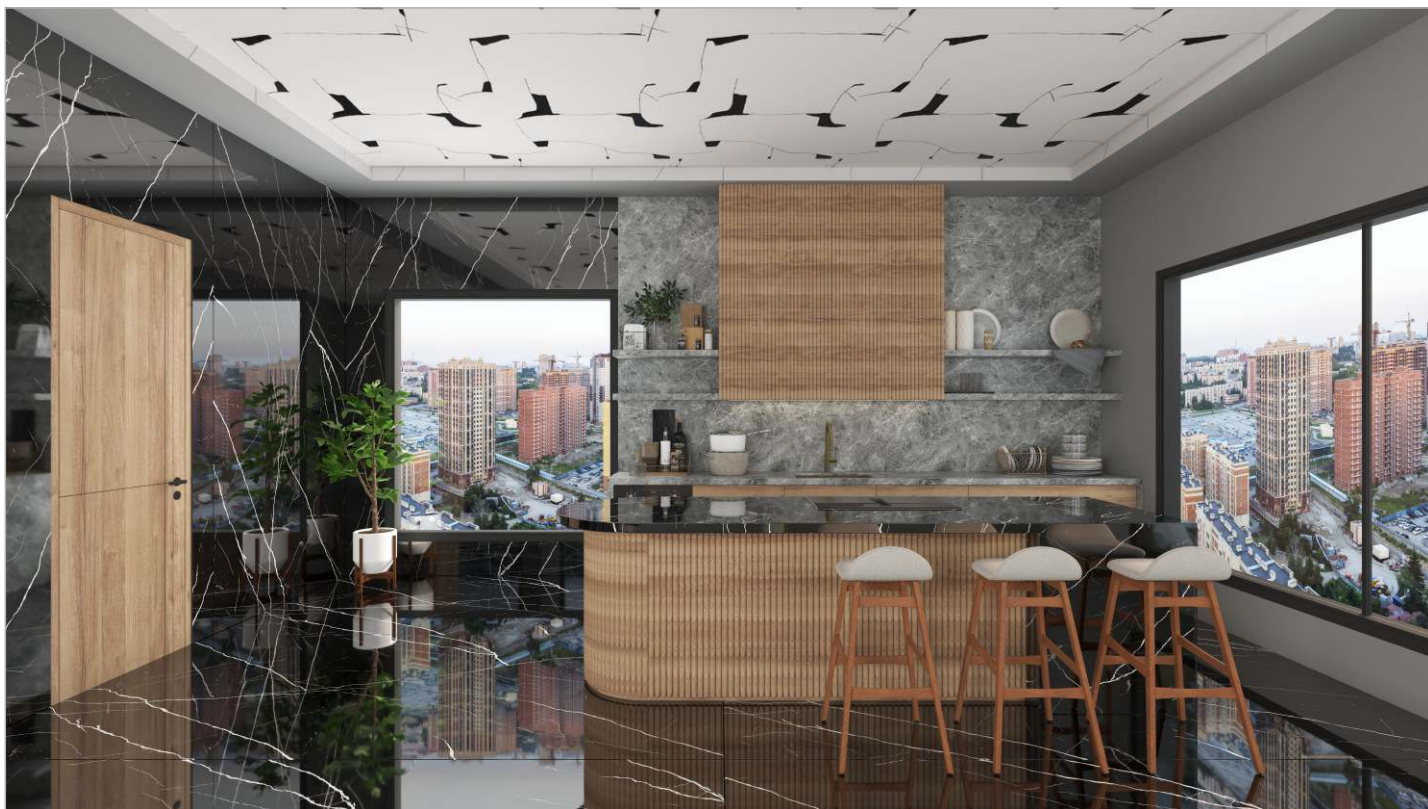


Luminous
Surface



02
Random

1600x
3200mm



ROYAL BLACK MARQUINA

1600x
3200mm

Luminous
Surface

02
Random

6mm
Thickness





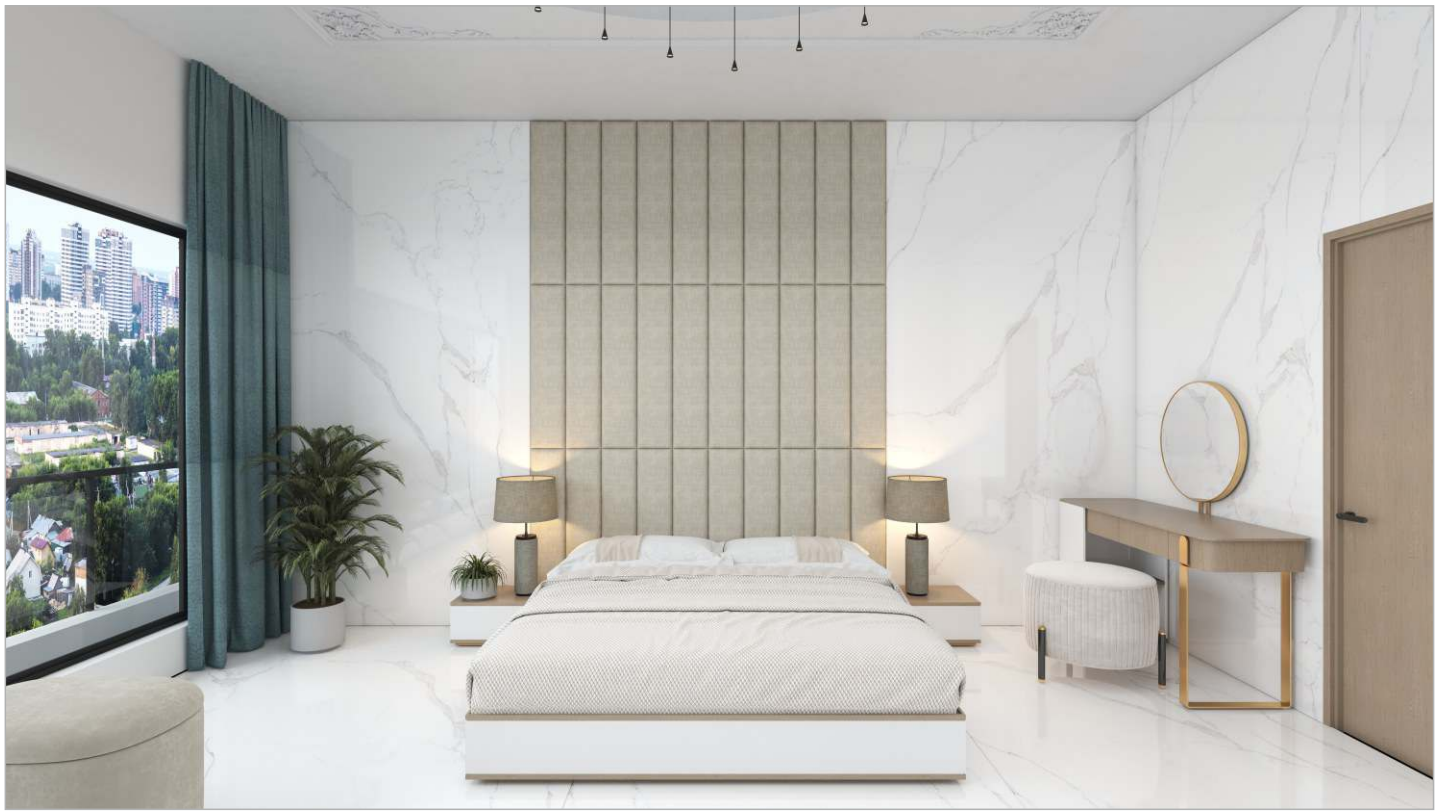
ROYAL BLACK MARQUINA

Satuario
Elegant



Luminous
Surface

1600x
3200mm



SATUARIO ELEGANT

1600x
3200mm

Luminous
Surface

6mm
Thickness





SATUARIO ELEGANT

Sodalite
Azul

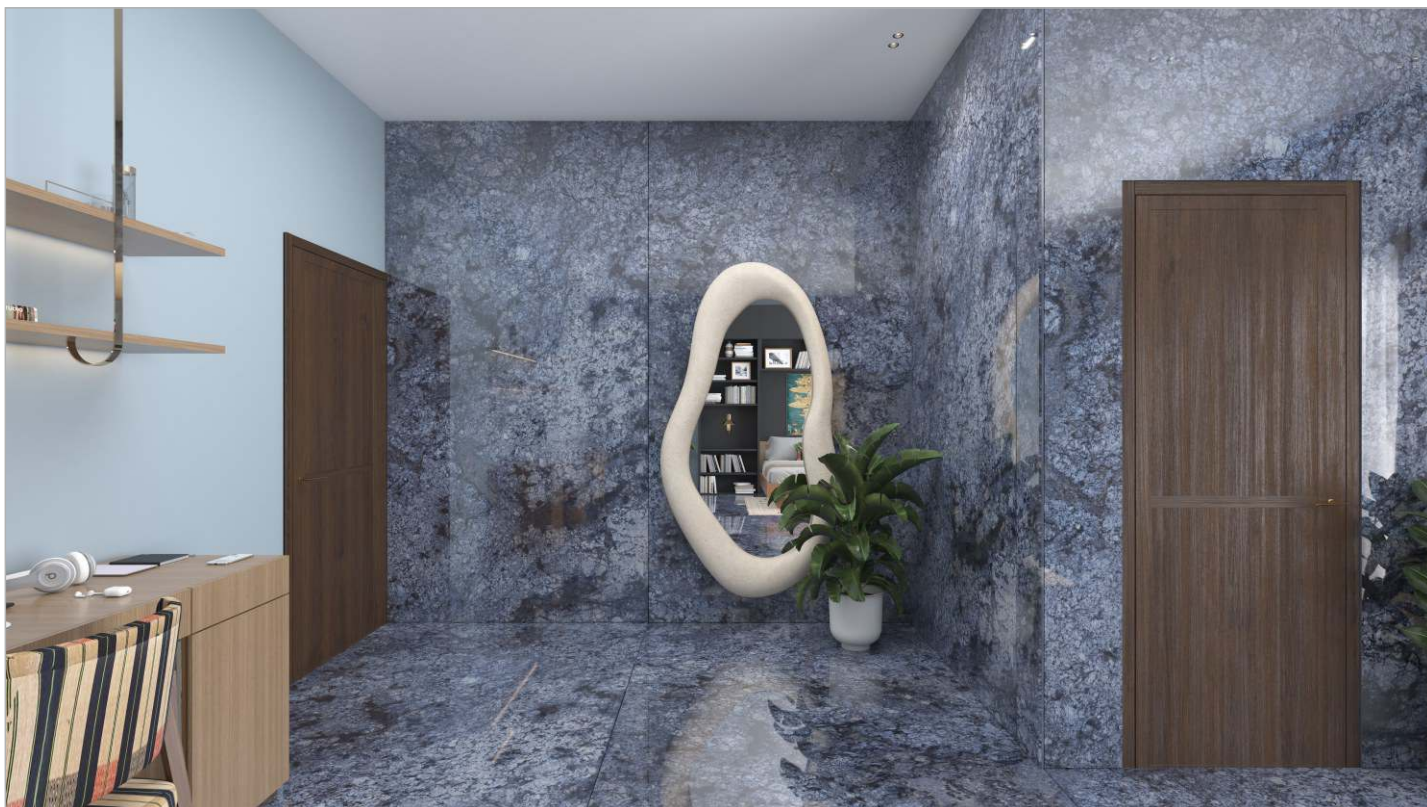


Luminous
Surface



02
Random

1600x
3200mm



SODALITE AZUL

1600x
3200mm

Luminous
Surface

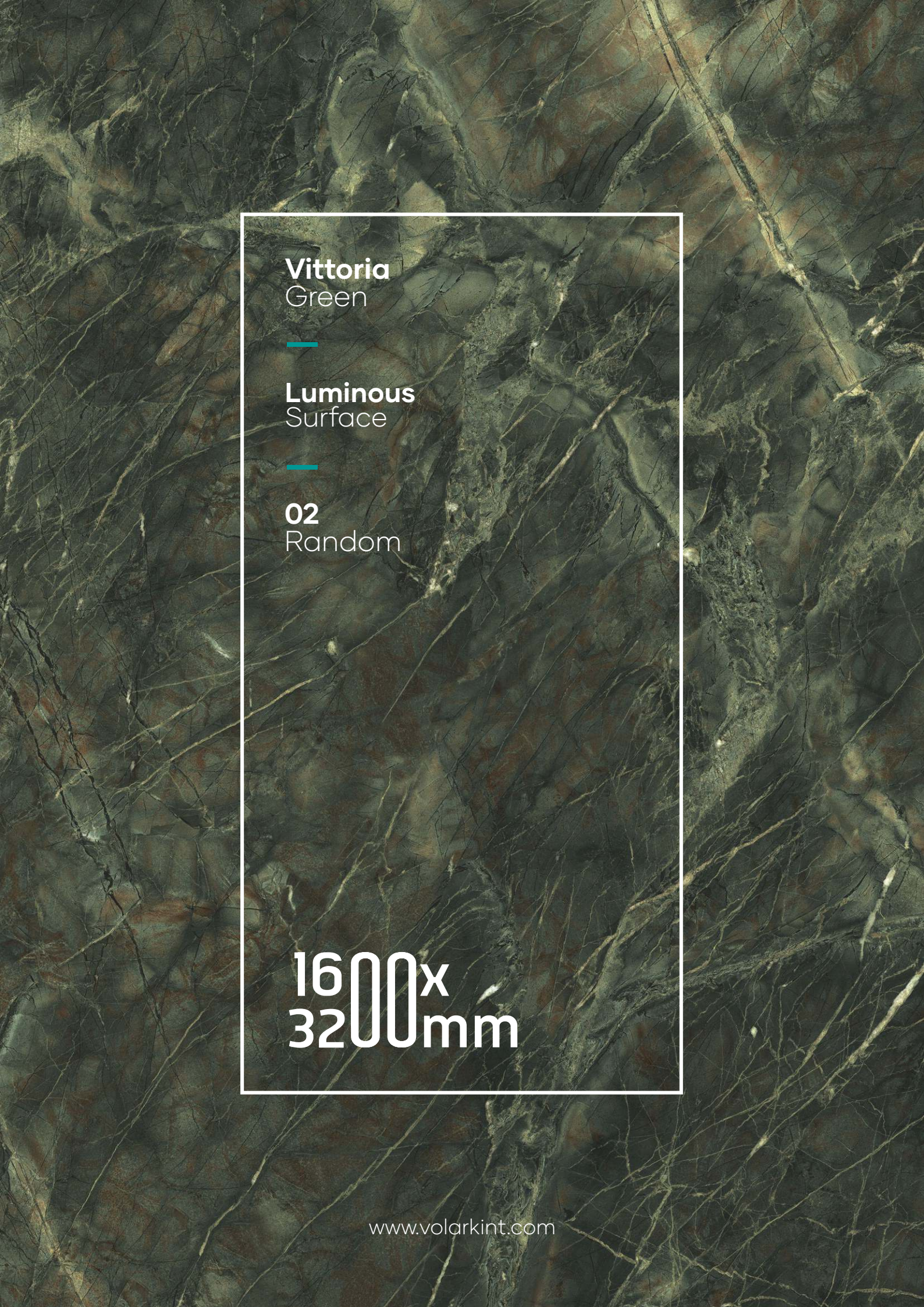
02
Random

6mm
Thickness





SODALITE AZUL



Vittoria
Green

Luminous
Surface

02
Random

1600x
3200mm



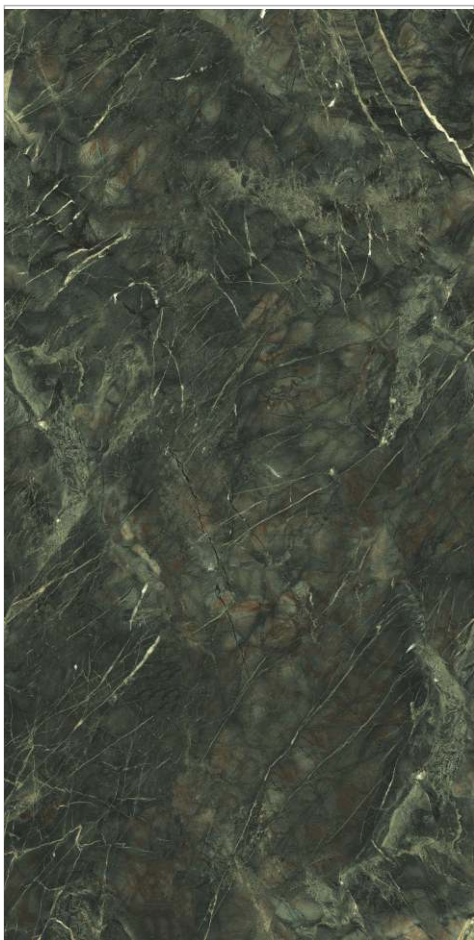
VITTORIA GREEN

1600x
3200mm

Luminous
Surface

02
Random

6mm
Thickness





VITTORIA GREEN



1600x
3200mm

Sahara
Surface

6 mm
Thickness

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Cairo Onyx
White

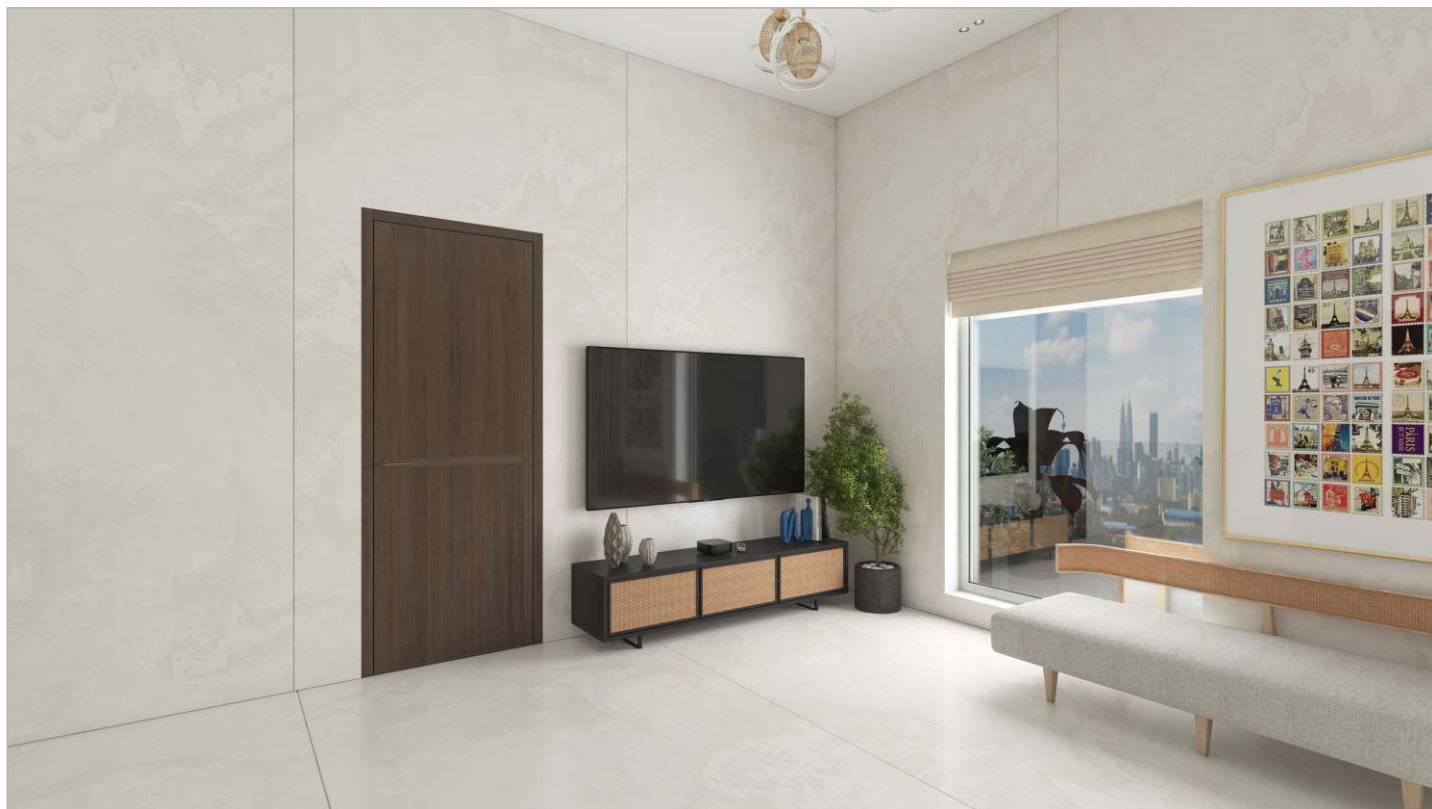


Sahara
Surface



02
Random

1600x
3200mm



CAIRO ONYX WHITE

1600x
3200mm

Sahara
Surface

02
Random

6mm
Thickness





CAIRO ONYX WHITE

Cemento
Beige



Sahara
Surface



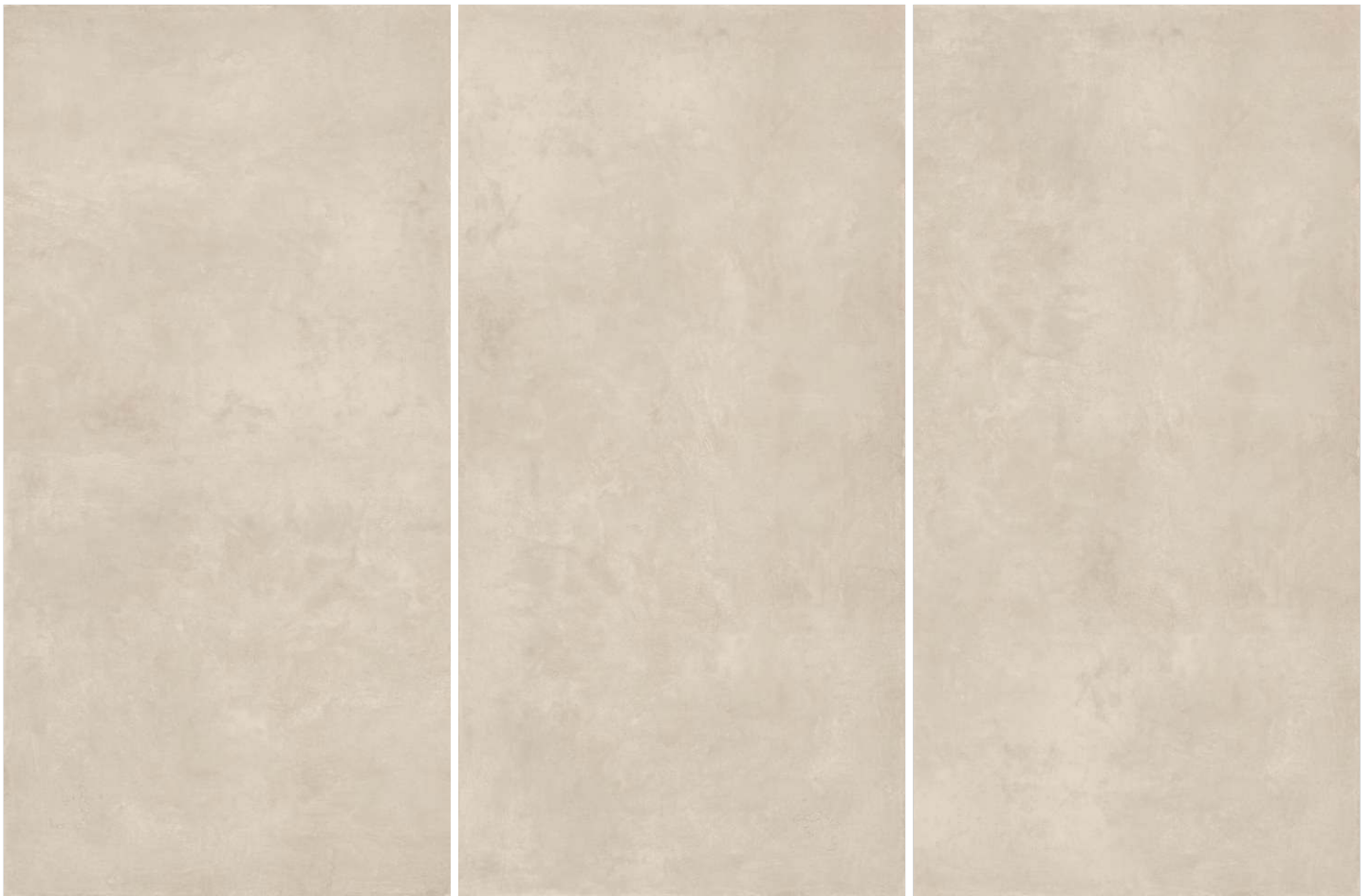
03
Random

1600x
3200mm



CEMENTO BEIGE

1600x3200mm | Sahara Surface | 03 Random | 6mm Thickness





CEMENTO BEIGE

Cemento
Light



Sahara
Surface



03
Random

1600x
3200mm



**CEMENTO
LIGHT**

1600x
3200mm | **Sahara**
Surface | **03**
Random | **6mm**
Thickness





CEMENTO LIGHT

Krater
Humo



Sahara
Surface

1600x
3200mm



**KRATER
HUMO**

1600x
3200mm | **Sahara**
Surface | **01**
Random | **6mm**
Thickness





KRATER HUMO

Krater
Nero



Sahara
Surface

1600x
3200mm



KRATER NERO

1600x
3200mm

Sahara
Surface

01
Random

6mm
Thickness





KRATER NERO

Marina Travertino
Beige

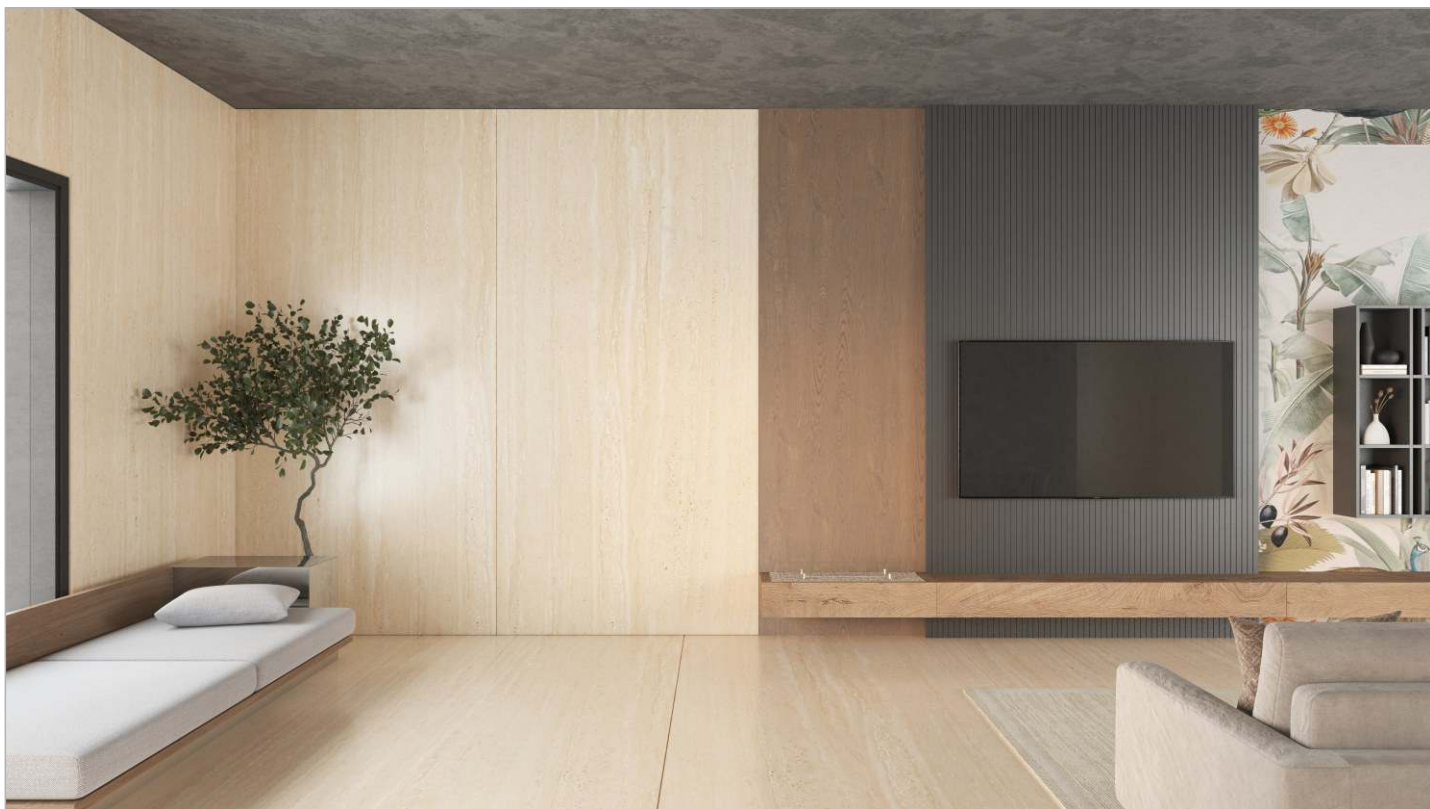


Sahara
Surface



03
Random

1600x
3200mm



MARINA TRAVERTINO BEIGE

1600x
3200mm

Sahara
Surface

03
Random

6mm
Thickness





MARINA TRAVERTINO BEIGE

Marina Travertino
Gris



Sahara
Surface



03
Random

1600x
3200mm



MARINA TRAVERTINO GRIS

1600x
3200mm

Sahara
Surface

03
Random

6mm
Thickness





MARINA TRAVERTINO GRIS

Marquina
Nero



Sahara
Surface



03
Random

1600x
3200mm



MARQUINA NERO

1600x
3200mm

Sahara
Surface

03
Random

6mm
Thickness





MARQUINA NERO

Sahara
Noir



Sahara
Surface



02
Random

1600x
3200mm



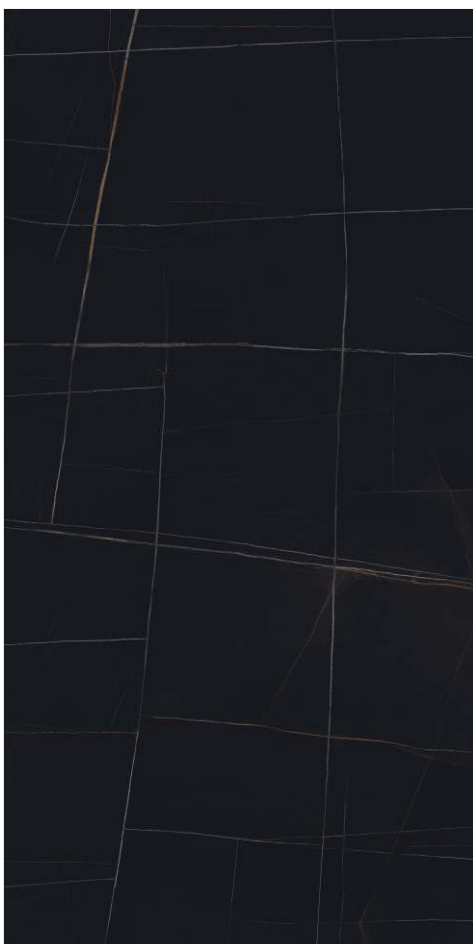
SAHARA NOIR

1600x
3200mm

Sahara
Surface

02
Random

6mm
Thickness





SAHARA NOIR

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	ΔE<1.00	ΔE<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	74 kg	1pcs	5.12 sq.meter	6MM

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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