

SLAB BOOK

80x320cm, 80x300cm, 80x240cm



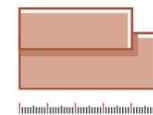
Edge of
design luxury

Perfection begins here



Designs

Curated patterns mimic the finest natural stones, enhanced with intricate detailing and digital precision for aesthetic excellence.



Thickness and Edges

The 15mm thickness ensures structural integrity, while a range of edge profile possibilities allows for tailored styling to suit various applications and aesthetics.



Finishes

Offered in DG Matt and Polished finishes, each finish enhances the sensory and functional appeal of every space.



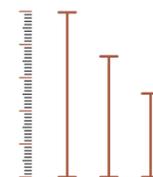
Versatile Applications

Our Slabs perform brilliantly across kitchens, bathrooms, facades, and commercial counters, merging beauty, functionality, and durability.



Design Versatility

Perfect for contemporary and classic spaces, Our Slabs effortlessly complement minimalist to maximalist spatial themes.



Massive Formats

Larger dimensions mean fewer joints, more visual continuity, and faster installations, making the collection ideal for luxury homes and commercial spaces.



OUR SLABS

FORMATS THAT IMPRESS

Bigger is bolder. Our Slabs' large formats make a powerful visual impact, reducing grout lines and resulting in a cleaner and more expansive appearance. Perfect for open-plan living, studio-style interiors, statement installations, and a lot more.

THICKNESS THAT WITHSTANDS

At 15mm thickness, Our Slabs are built to endure the demands of daily life without compromising on elegance. They're strong enough for high-traffic areas and durable enough for demanding applications, such as countertops, steps and risers, service counters, and more.



80x
320cm



80x
240cm



80x
300cm



15mm
Thickness



why Our Slabs?

Our Slabs are designed to perform and engineered to impress. They combine cutting-edge technology with natural aesthetics for modern interiors and spaces.



Durable



Water-resistant



Stain-resistant



Safe and hygienic



Easy to clean



Simple to install



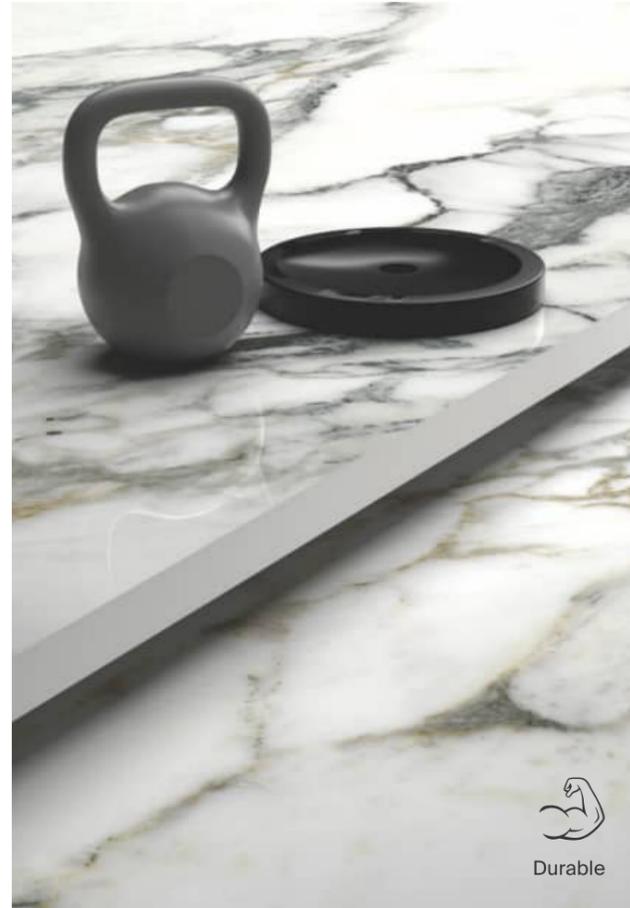
Versatile



Professionally crafted dimensions



Premium surface finishes



Durable



UV-resistant



Scratch-resistant



Safe and hygienic



FINISHES

Engineered surface finishes for sophisticated interiors that do not compromise on functional integrity.

DG MATT

Subtle yet sophisticated, the DG Matt finish embodies modern elegance. Its ultra-smooth, non-reflective surface brings a sense of calm and restraint to any space. This finish is designed for those who value minimalism and understated beauty, as well as for interiors that aim to soothe rather than dazzle.

The muted aesthetic makes the finish perfect for contemporary designs where the subtle textures take center stage. Whether used in a living room, a modern kitchen, or a commercial office, DG Matt adds a layer of quiet refinement to any setting. Beyond its visual appeal, DG Matt offers practical advantages that make it both functional and stylish.



FINISHES

TOUCH THE
EXTRAORDINARY

POLISHED

The Polished finish delivers an unmistakable sense of luxury and radiance, instantly elevating the visual appeal of any space. With its mirror-like gloss and light-reflecting surface, it enhances the depth and richness of color in each slab, transforming walls, floors, and countertops into striking focal points.

The finish is well-suited for high-end interiors that desire a touch of opulence. Whether in a grand living room, a luxurious bathroom, or an upscale kitchen, Polished surfaces amplify light and add a sense of spaciousness. More than just a visual upgrade, the Polished finish offers a sleek, smooth texture that is easy to clean and maintain.



APPLICATIONS

Our Slabs are a designer's dream. They effortlessly enhance countertops, floors, walls, backsplashes, vanity tops, facades, and more. Their versatility meets the demands of both indoor and outdoor applications, delivering high performance with lasting appeal.



Reception Table



Step & Riser



Floor



Wall



Kitchen Island



Dining Tabletop



Conference Tabletop



Office Tabletop



Bathroom Sink



Window Frame



Vanity Top



TV Unit



Service Countertop



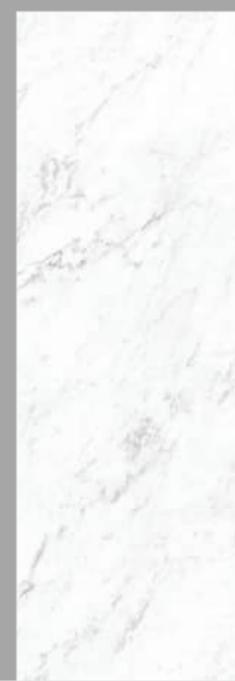
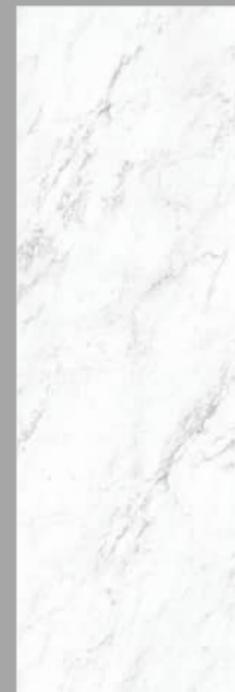
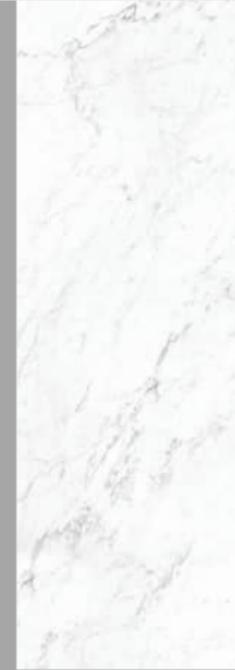
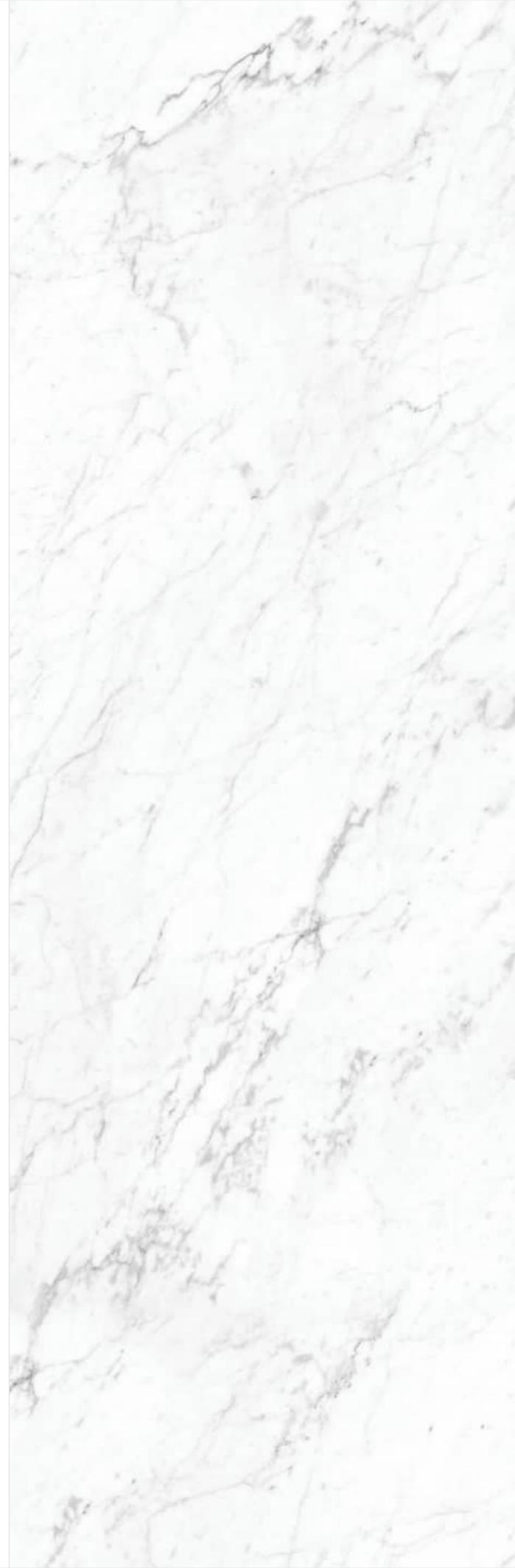
Office Tabletop
Sparkle Statuario
80x240cm
Polished

Floor
Armani Brown
80x240cm
Polished



Office Tabletop
Sparkle Statuario
80x240cm
Polished

Floor
Armani Brown
80x240cm
Polished



Sparkle Statuario

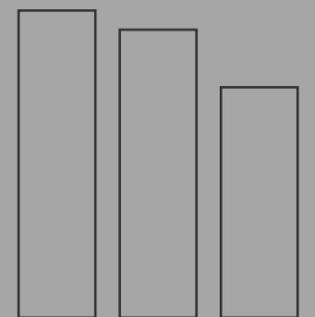


15mm
Thickness

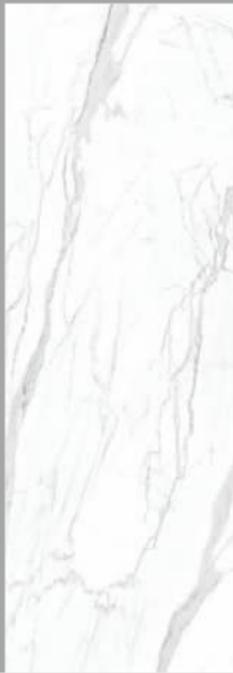
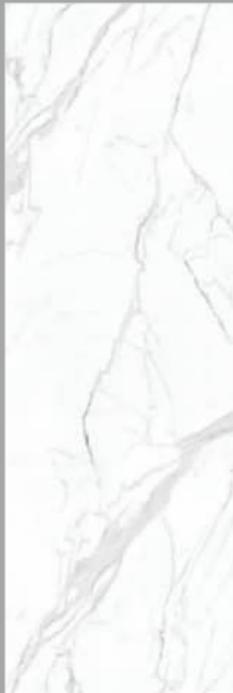
Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm



Regal Statuario

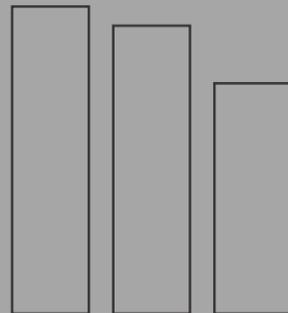


15mm
Thickness

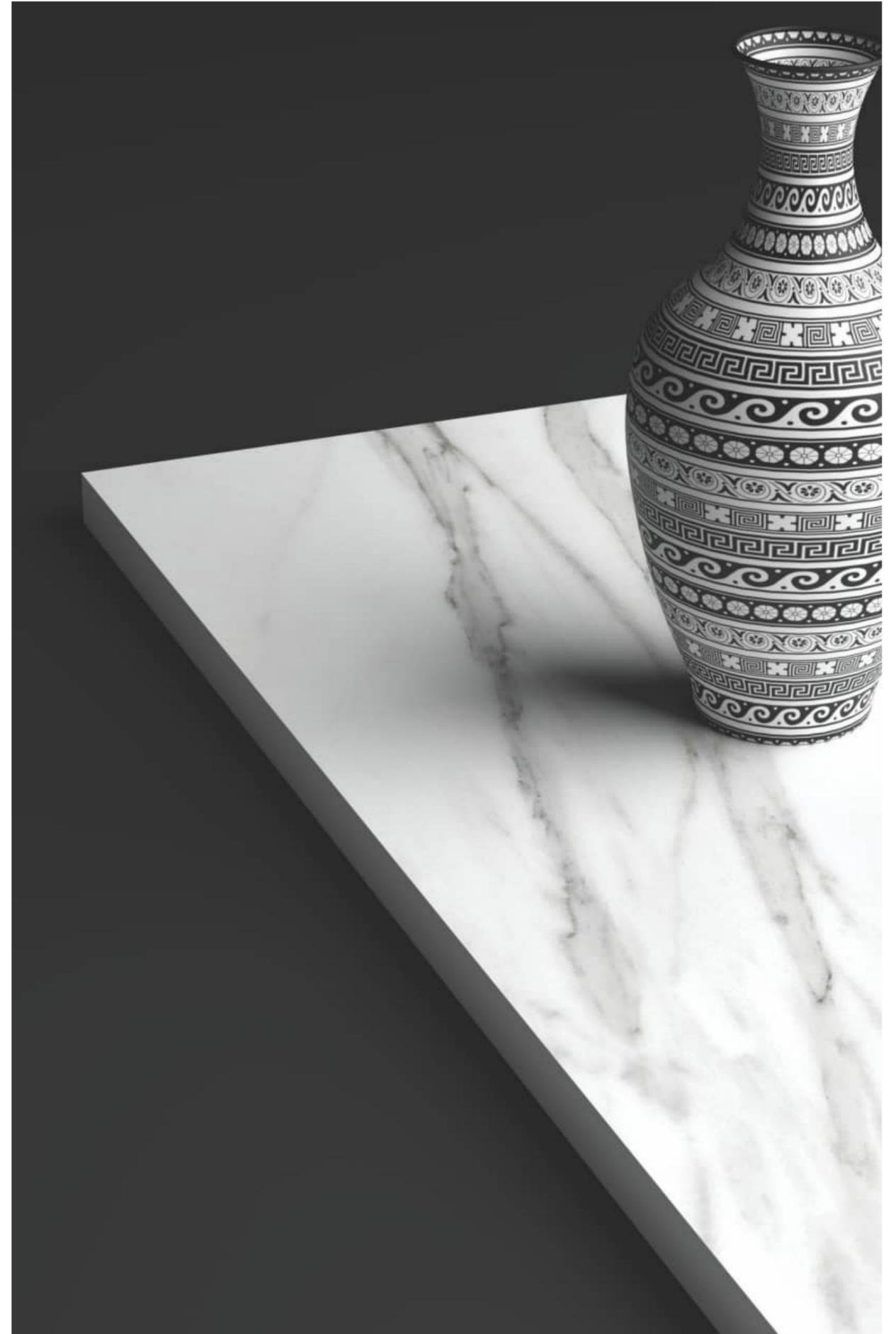
Finishes
Polished
DG Matt

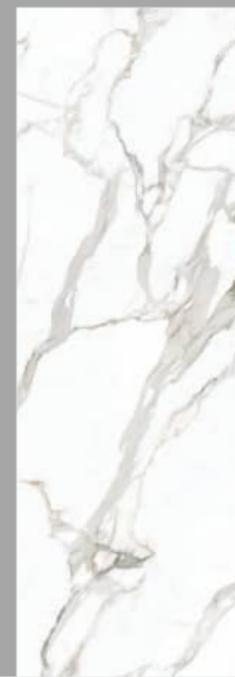
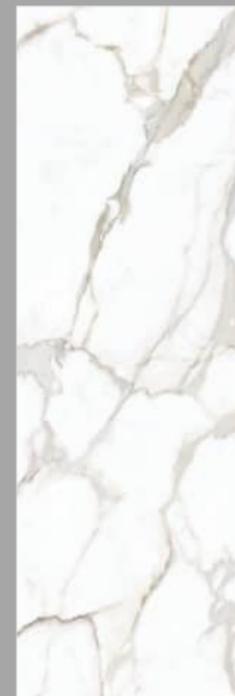
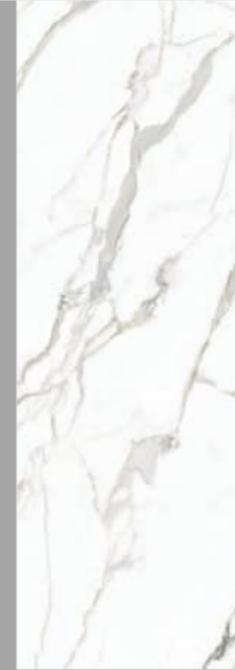
Body
White Body

Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm





Statuario
Elegante

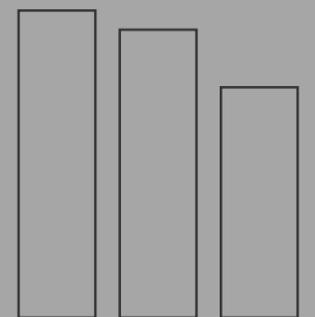


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Thickness

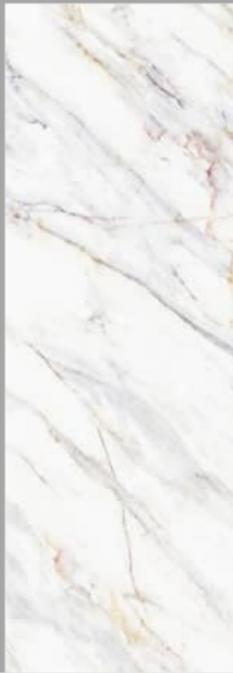
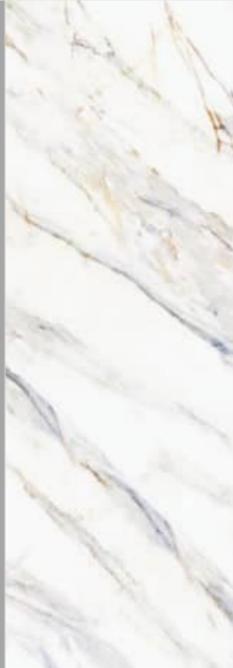
Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm



Statuario
Europa

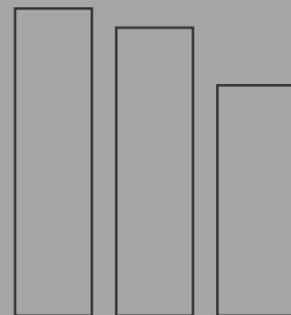


15mm
Thickness

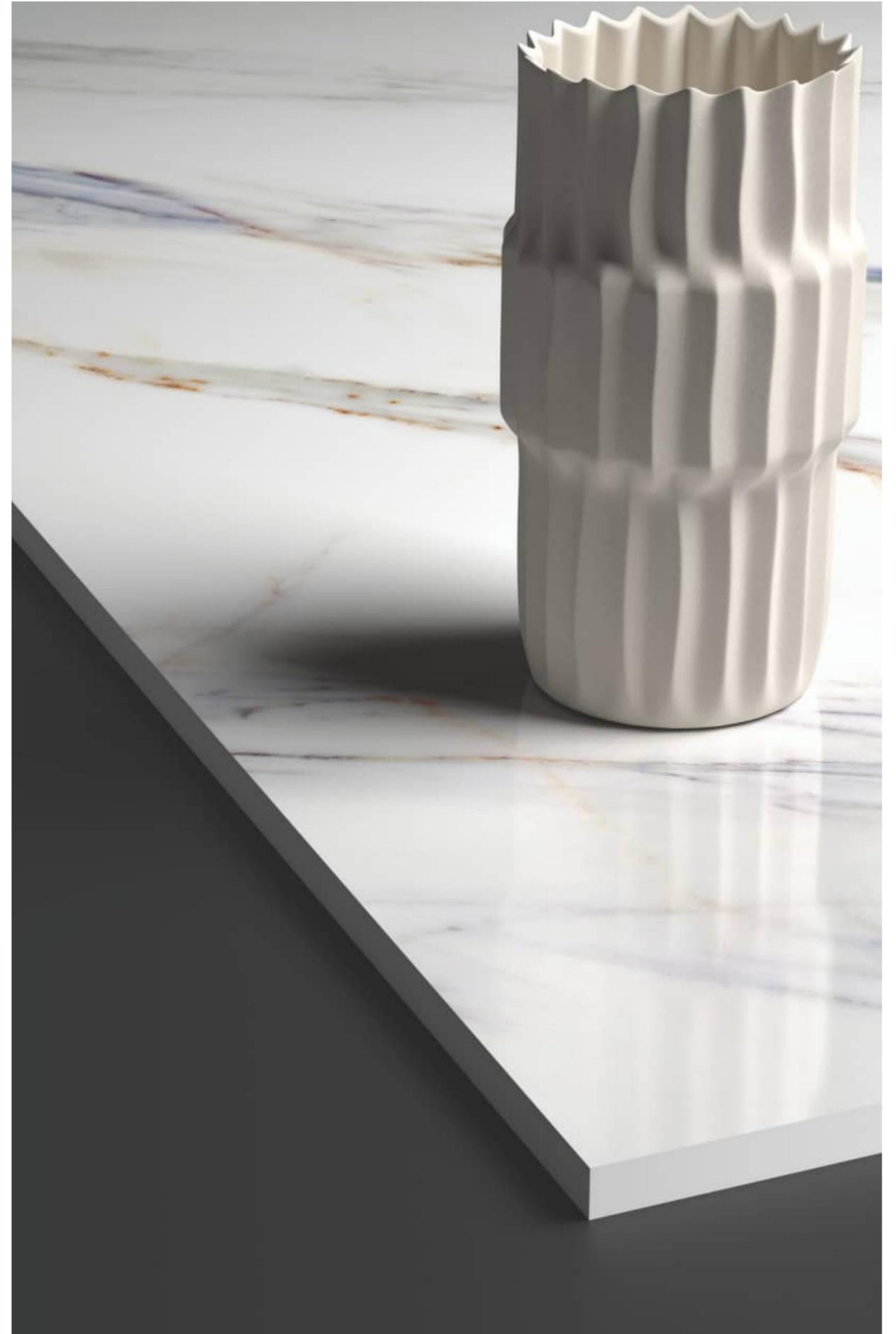
Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm





Service Countertop
Bianca Fiore
80x240cm
DG Matt

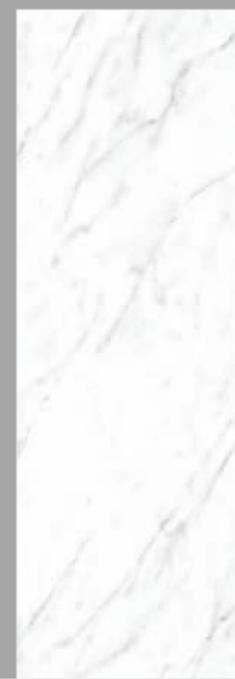
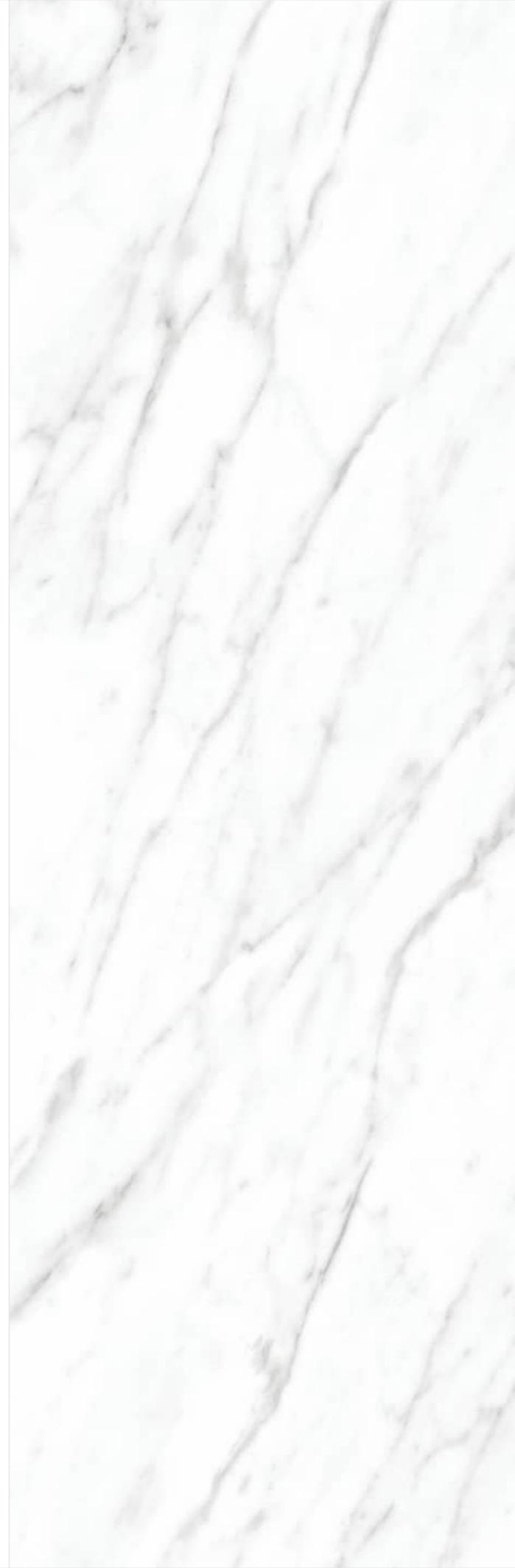
Floor
Noir Black
80x240cm
Polished

Service Countertop

Bianca Fiore
80x240cm
DG Matt

Floor

Noir Black
80x240cm
DG Matt



Bianca
Fiore

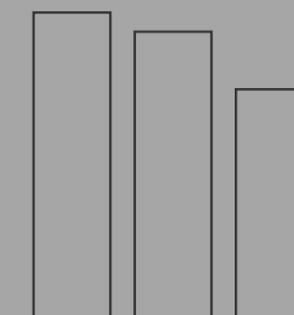


15mm
Thickness

Finishes
Polished
DG Matt

Body
White Body

Randoms
5 Faces



80x
320cm

80x
300cm

80x
240cm

Arctic
Bianco

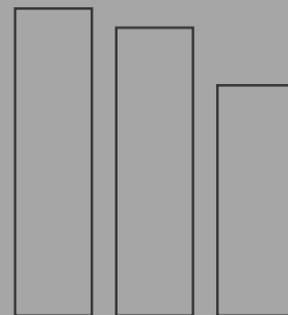


15mm
Thickness

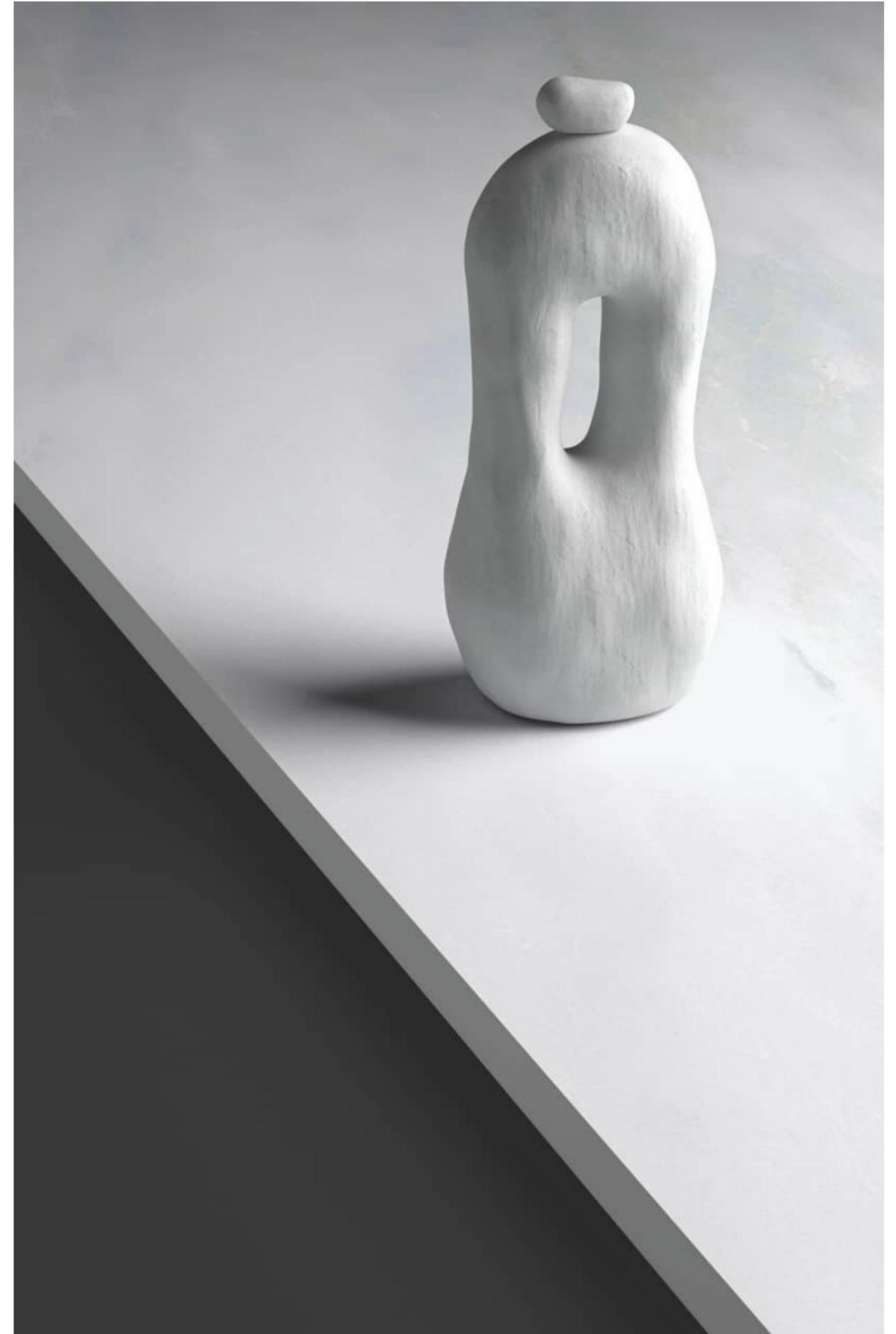
Finishes
Polished
DG Matt

Body
White Body

Randoms
4 Faces



80x 320cm 80x 300cm 80x 240cm





Carrara

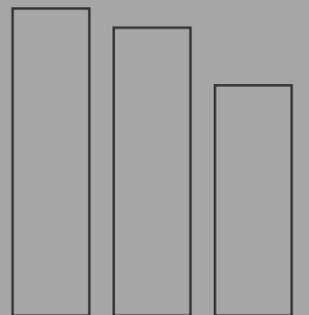


15mm
Thickness

Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces



80x
320cm

80x
300cm

80x
240cm



Wall

Lasa Bianco
80x240cm
Polished

Conférence Tabletop

Lasa Bianco
80x240cm
Polished

Floor

Armani Brown
80x240cm
DG Matt

VISUAL REPRESENTATION

Lasa
Bianco

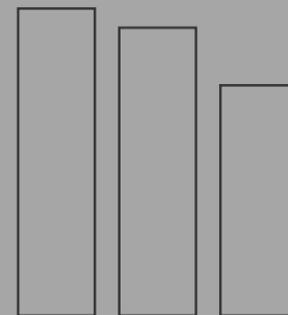


15mm
Thickness

Finishes
Polished
DG Matt

Body
White Body

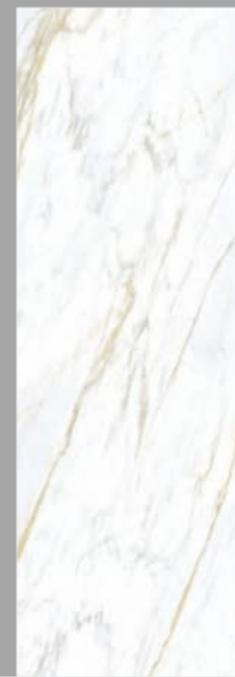
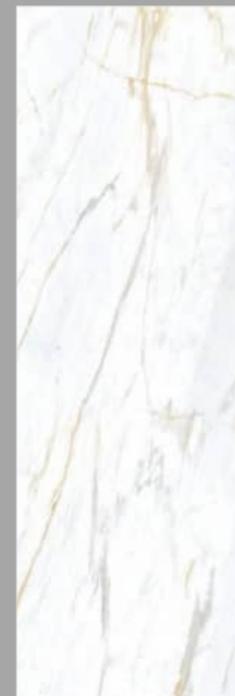
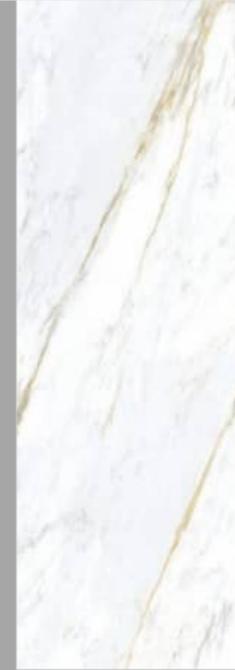
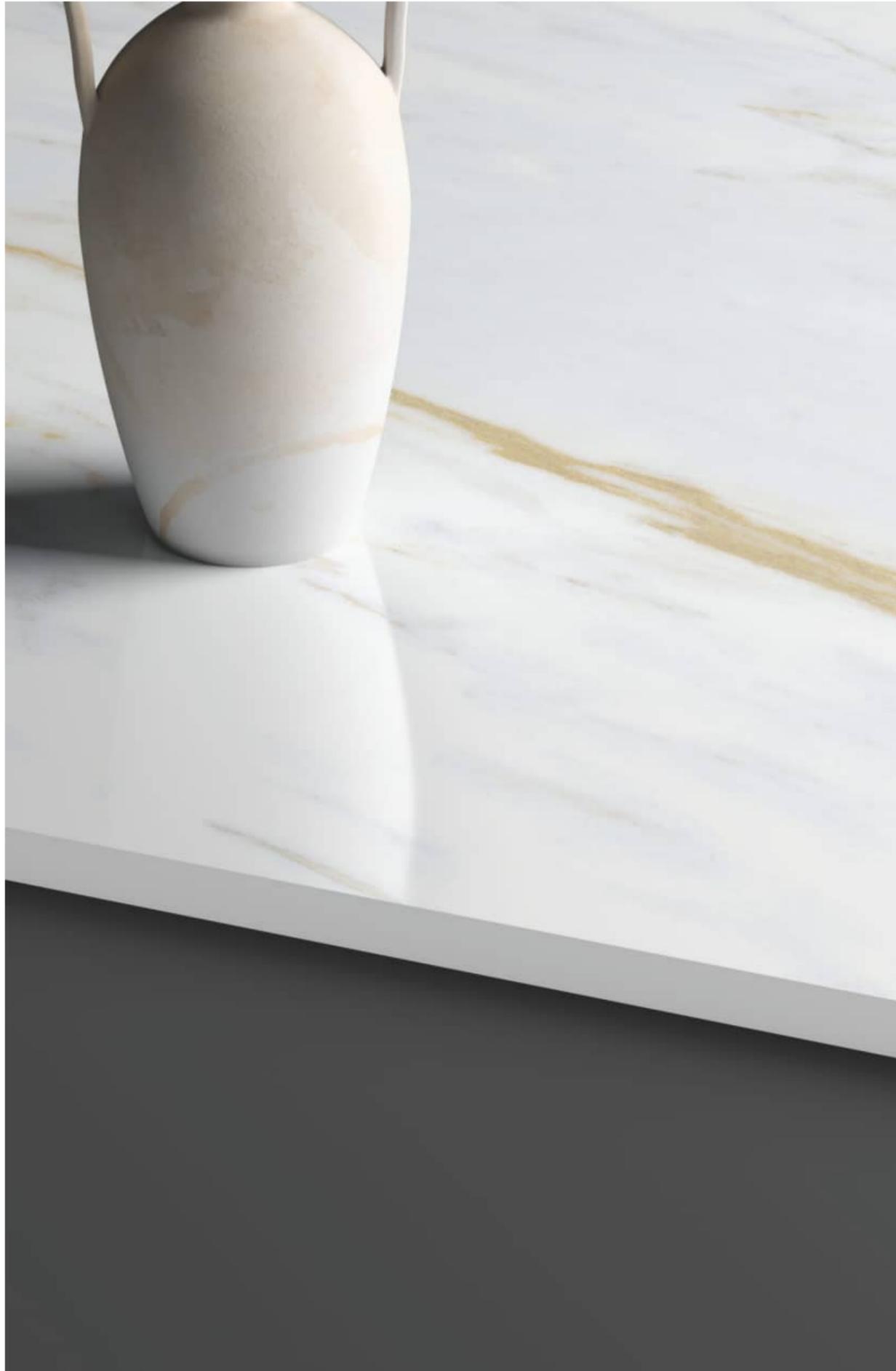
Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm



Wall
Lasa Bianco
80x240cm
Polished



Luminous
Gold

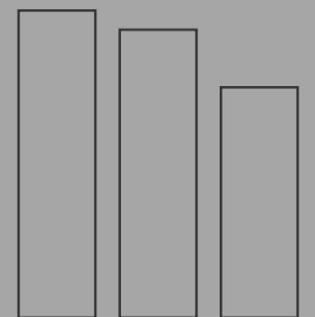


15mm
Thickness

Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces



80x
320cm

80x
300cm

80x
240cm



Calacutta
Oro

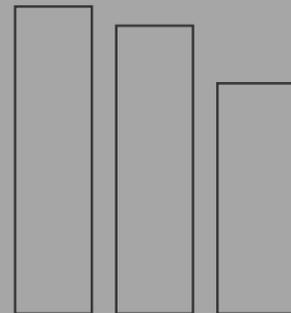


15mm
Thickness

Finishes
Polished
DG Matt

Body
White Body

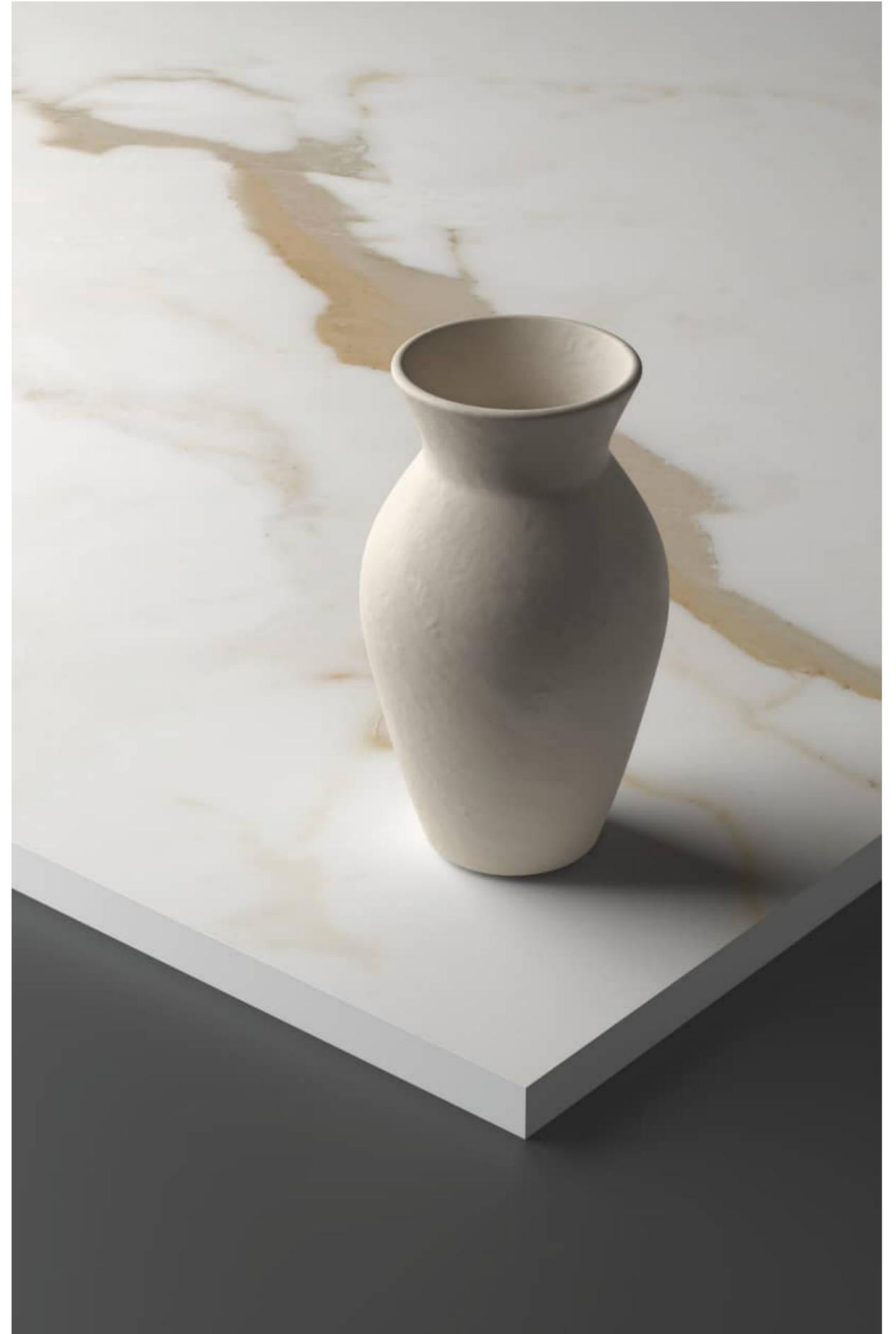
Randoms
3 Faces



80x
320cm

80x
300cm

80x
240cm





Wall

Venato Luxe
80x240cm
Polished

Floor

Travertine
80x240cm
Polished

Backsplash

Venato Luxe
80x240cm
Polished

Kitchen Countertop

Venato Luxe
80x240cm
Polished

Kitchen Island

Venato Luxe
80x240cm
Polished





Wall

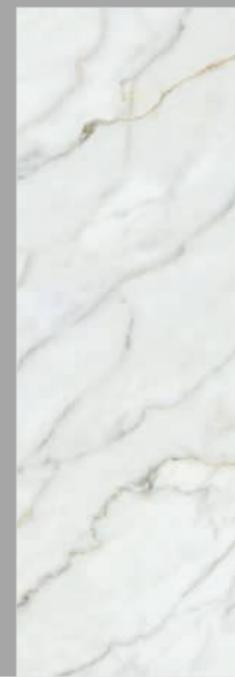
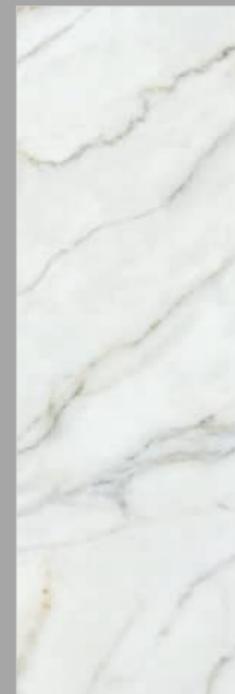
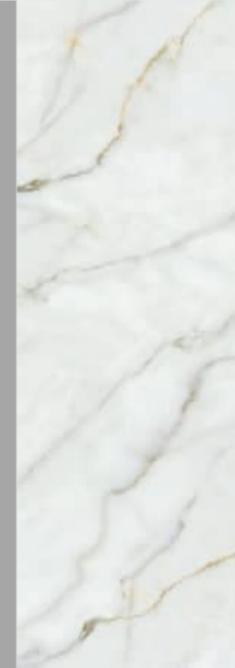
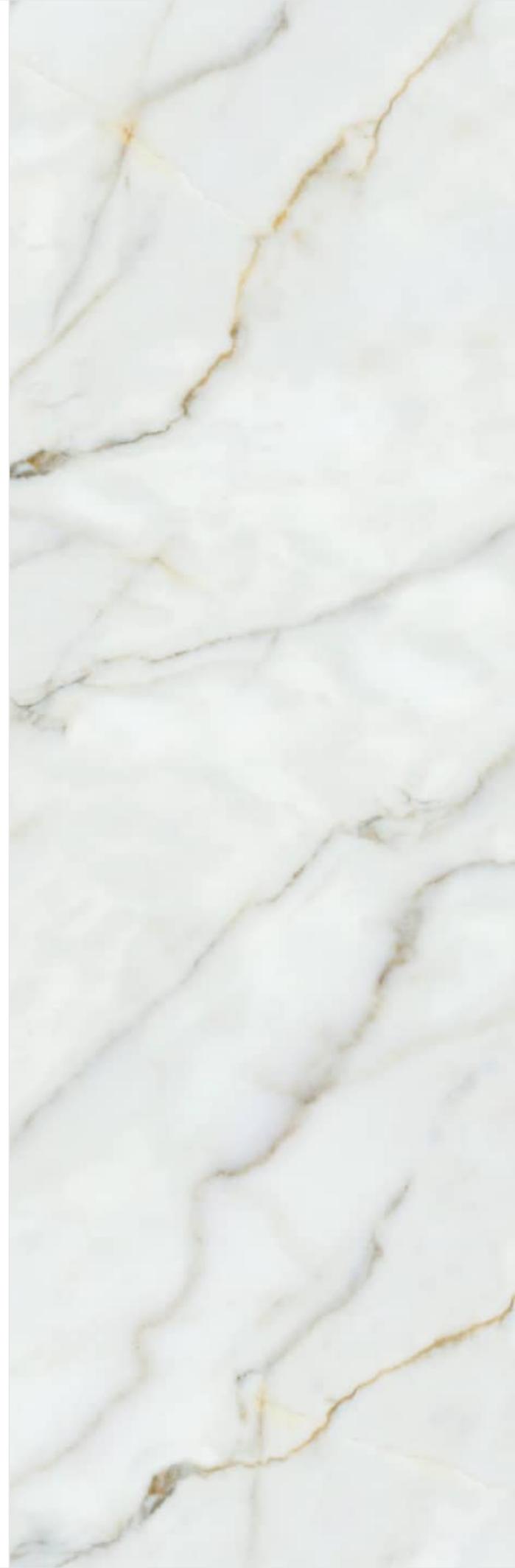
Venato Luxe
80x240cm
Polished

Backsplash

Venato Luxe
80x240cm
Polished

Kitchen Countertop

Venato Luxe
80x240cm
Polished



Venato
Luxe

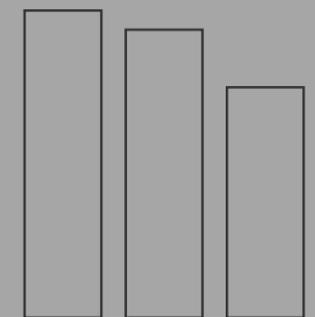


15mm
Thickness

Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces



80x
320cm

80x
300cm

80x
240cm



Radiance White

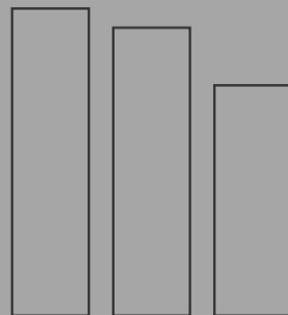


15mm
Thickness

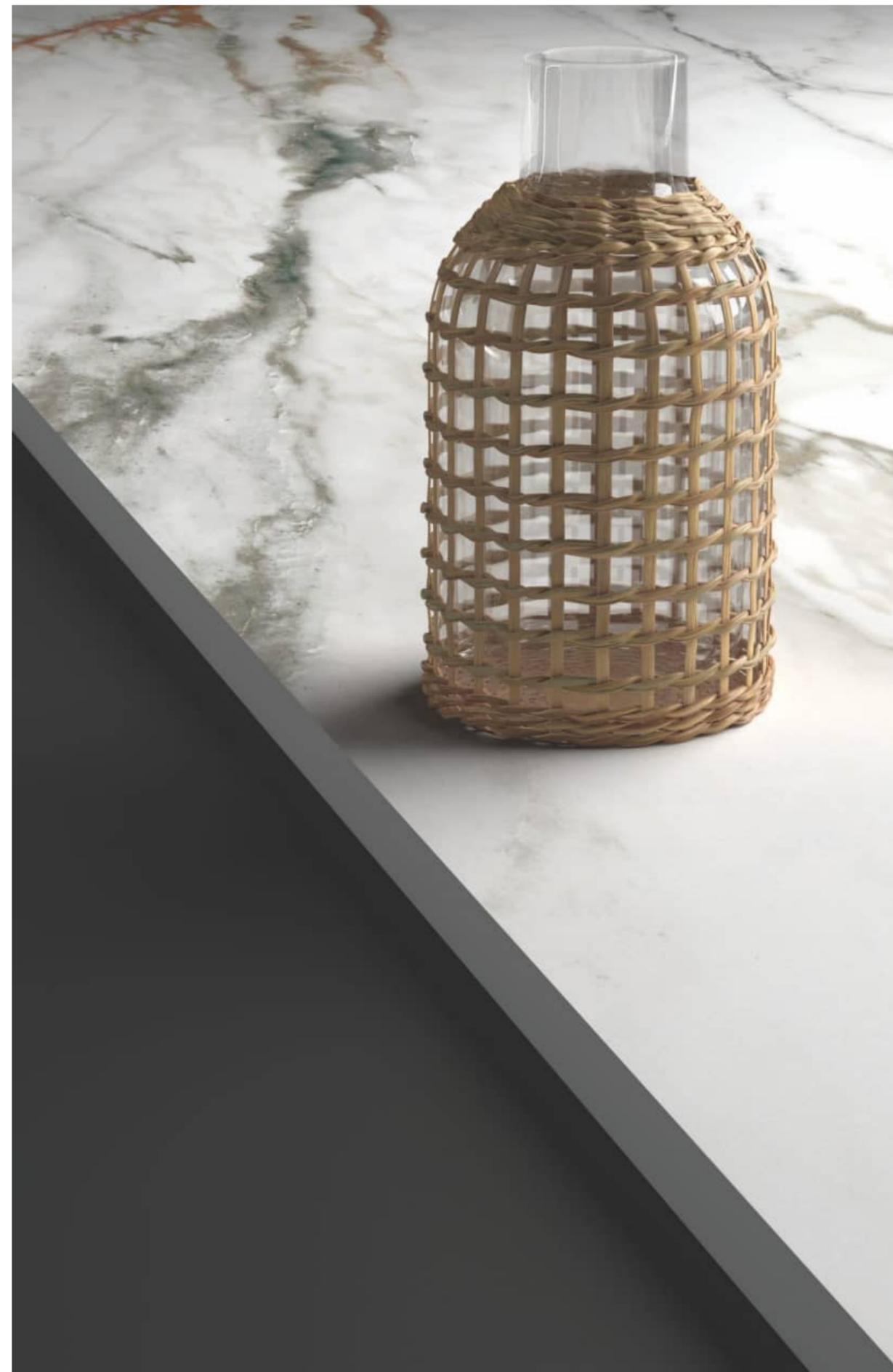
Finishes
Polished
DG Matt

Body
White Body

Randoms
4 Faces



80x 320cm 80x 300cm 80x 240cm





Stepped Seating

Thunder White
80x240cm
DG Matt

Floor
Atlantis Stone
80x240cm
DG Matt



Stepped Seating
 Thunder White
 80x240cm
 DG Matt



Thunder White

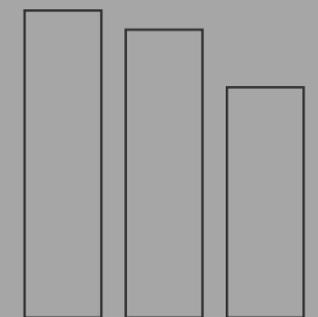


15mm
 Thickness

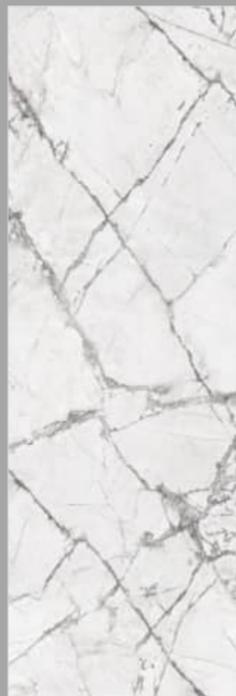
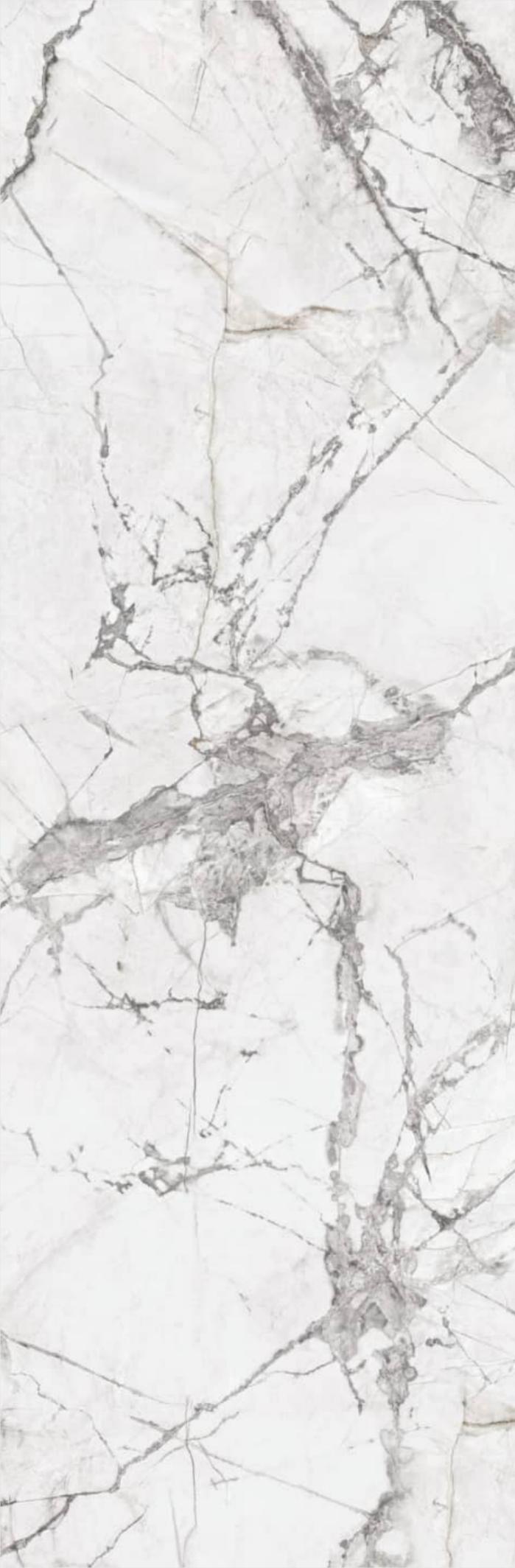
Finishes
 Polished
 DG Matt

Body
 White Body

Randoms
 3 Faces



80x 320cm 80x 300cm 80x 240cm



Invisible
Natural

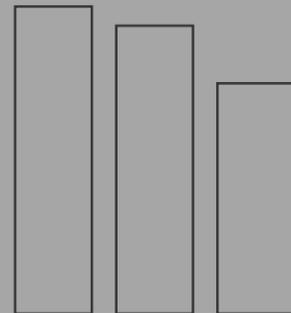


15mm
Thickness

Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces

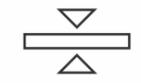


80x 320cm 80x 300cm 80x 240cm





Roman Travertine

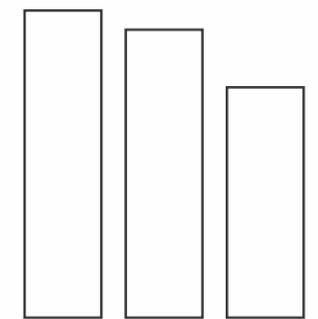


15mm
Thickness

Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm



VISUAL REPRESENTATION



Sink & Vanity Top

Travertine
80x240cm
DG Matt

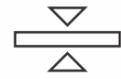
Floor

Grigio Intenso
80x240cm
DG Matt





Travertine

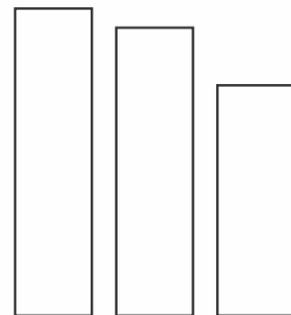


15mm
Thickness

Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces



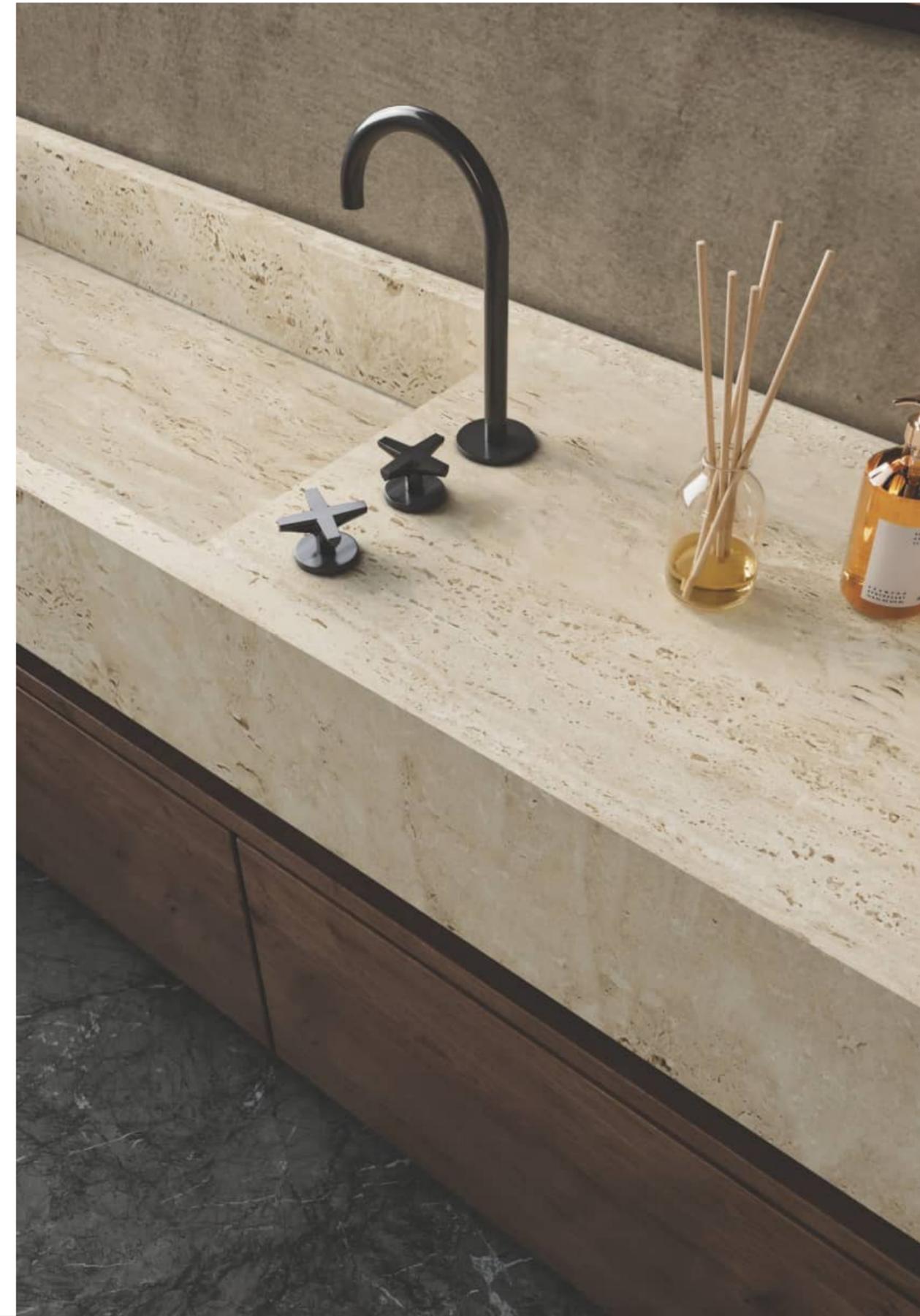
80x 320cm 80x 300cm 80x 240cm

Sink & Vanity Top

Travertine
80x240cm
DG Matt

Floor

Grigio Intenso
80x240cm
DG Matt





Reception Tabletop

Michelangelo
80x240cm
Polished

Reception Counter Cladding

Michelangelo
80x240cm
Polished

Reception Counter Accent

Emperador
80x240cm
Polished

Wall

Michelangelo
80x240cm
Polished

Accent Wall

Emperador
80x240cm
Polished

Floor

Grigio Intenso
80x240cm
DG Matt

Round Accents

Golden Portoro
80x240cm
Polished



Reception Tabletop

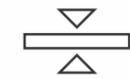
Michelangelo
80x240cm
Polished

Floor

Grigio Intenso
80x240cm
DG Matt



Michelangelo

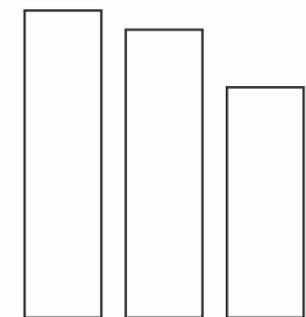


15mm
Thickness

Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces



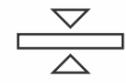
80x
320cm

80x
300cm

80x
240cm



Exotic Gold

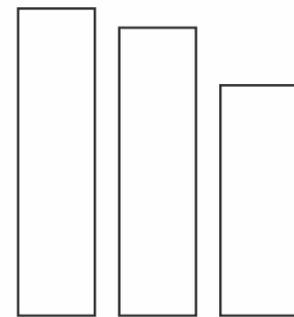


15mm
Thickness

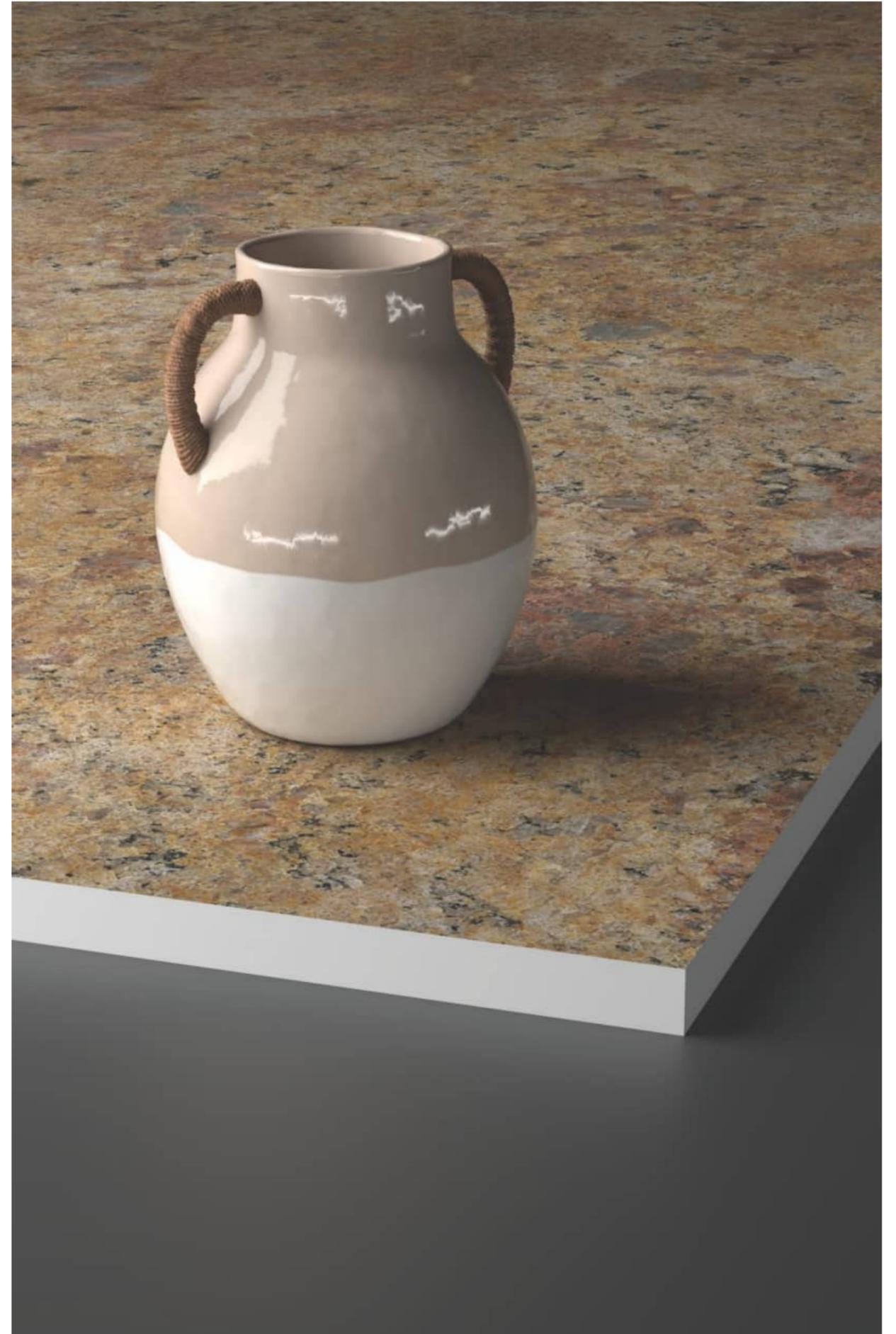
Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm





Kitchen Countertop

Panda White
80x240cm
Polished

Backsplash

Panda White
80x240cm
Polished

Kitchen Island &
Breakfast Bar

Panda White
80x240cm
Polished

Floor

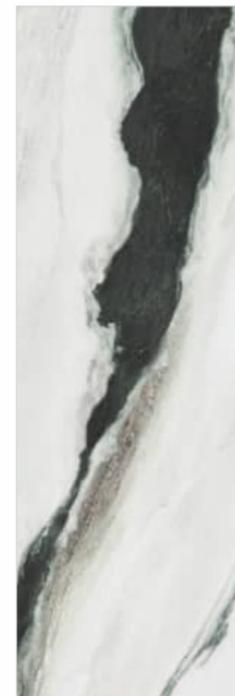
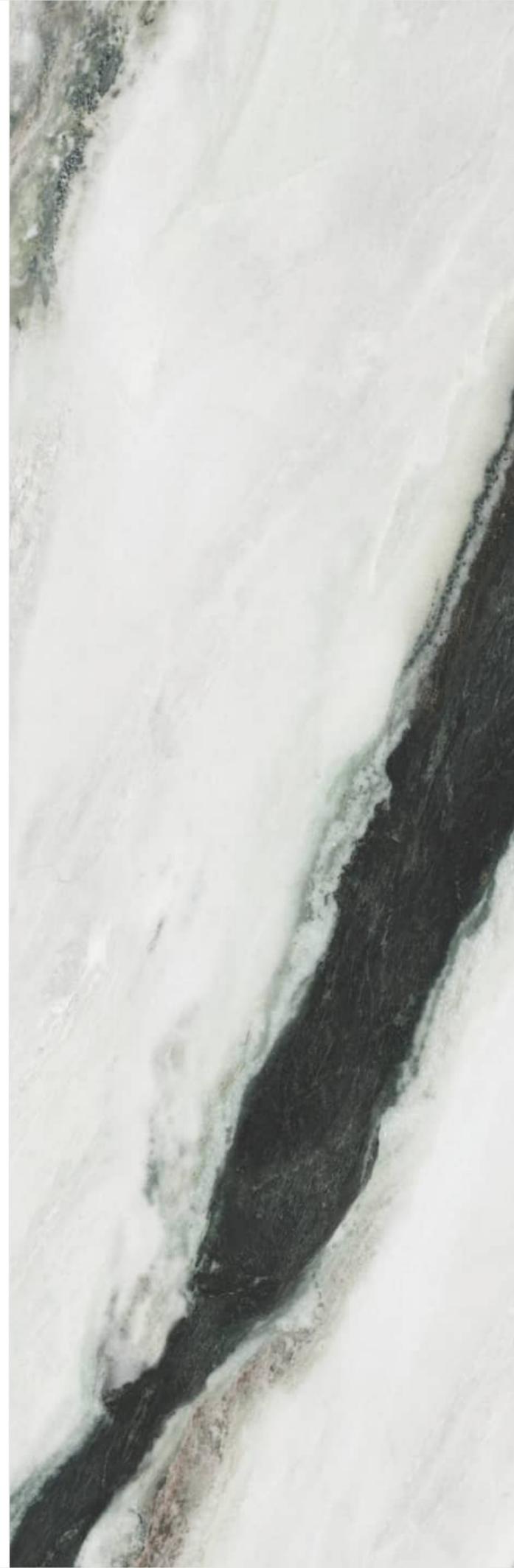
Travertine
80x240cm
DG Matt

Kitchen Countertop

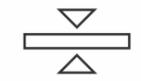
Panda White
80x240cm
Polished

Backsplash

Panda White
80x240cm
Polished



Panda
White

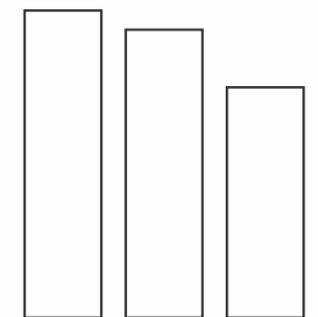


15mm
Thickness

Finishes
Polished
DG Matt

Body
White Body

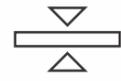
Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm



Exotic
White

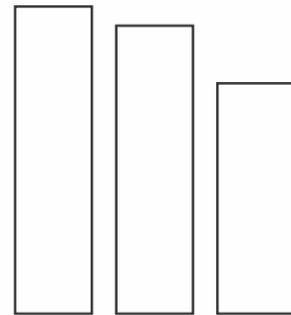


15mm
Thickness

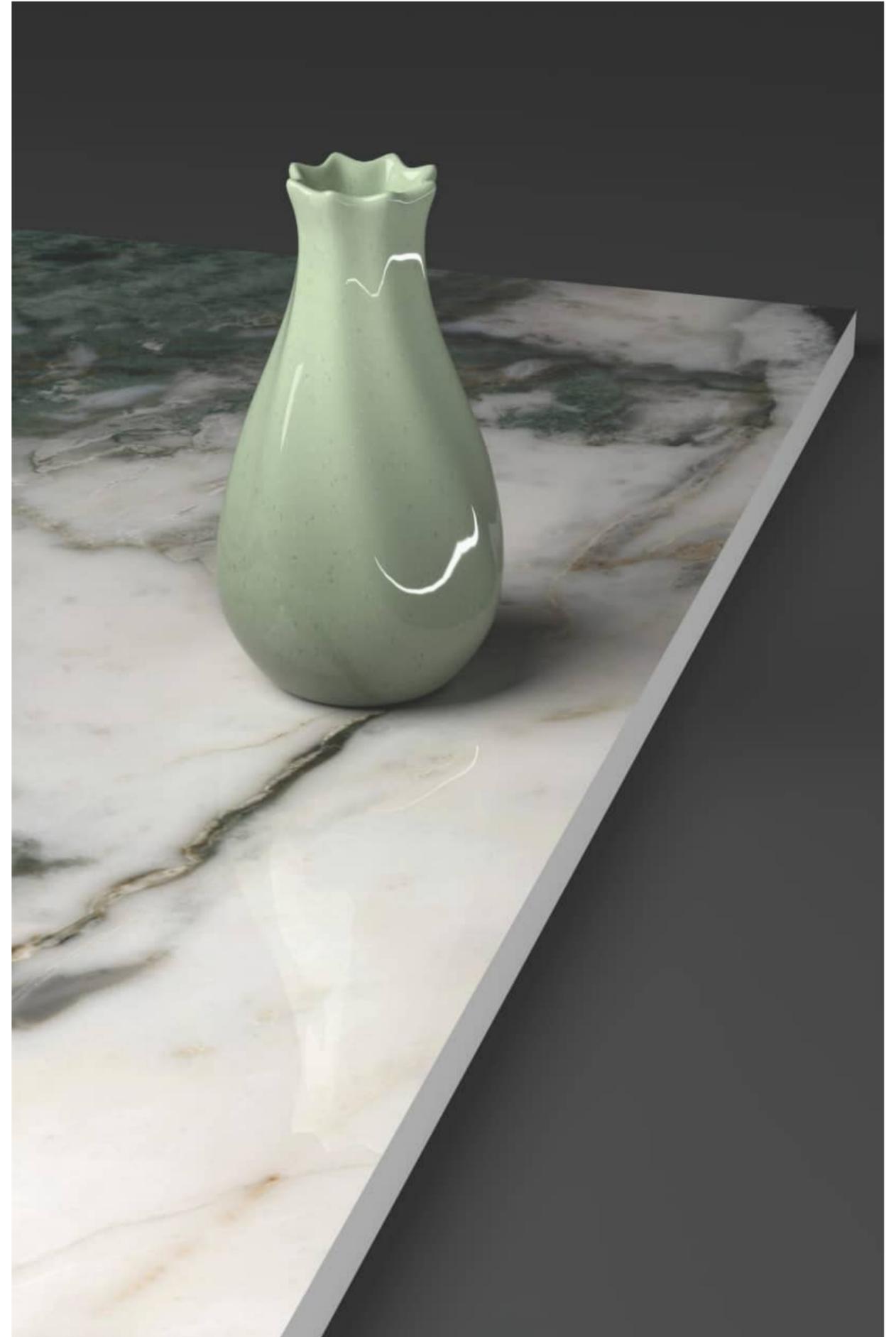
Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm





VISUAL REPRESENTATION

Dining Tabletop

Amazonite
80x240cm
Polished

Floor

Statuario Elegante
80x240cm
Polished

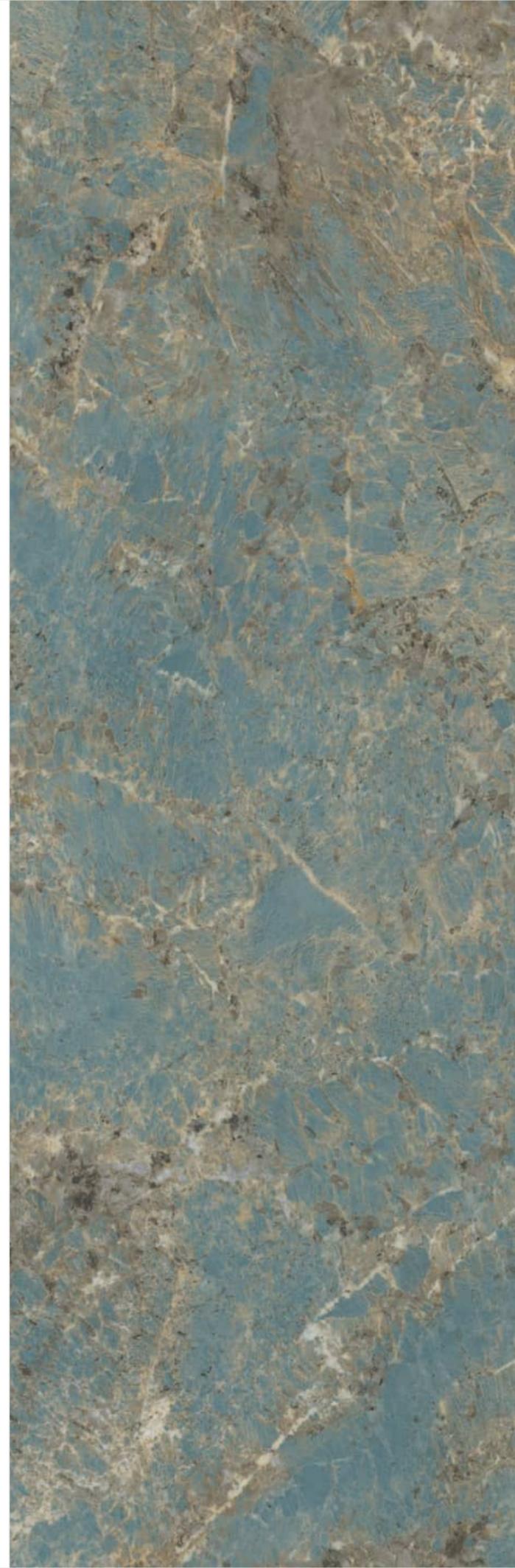


Dining Tabletop

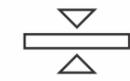
Amazonite
80x240cm
Polished

Floor

Statuario Elegante
80x240cm
Polished



Amazonite

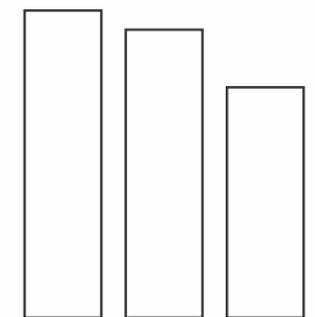


15mm
Thickness

Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces



80x
320cm

80x
300cm

80x
240cm



Kitchen Countertop

Emerald Verde
80x240cm
Polished

Breakfast Bar

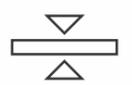
Emerald Verde
80x240cm
Polished

Floor

Travertine
80x240cm
DG Matt



Emerald Verde

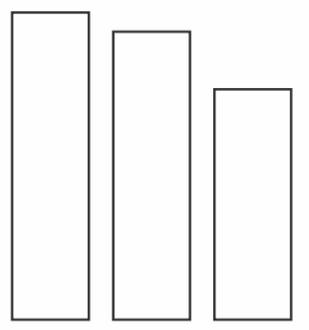


15mm
Thickness

Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces

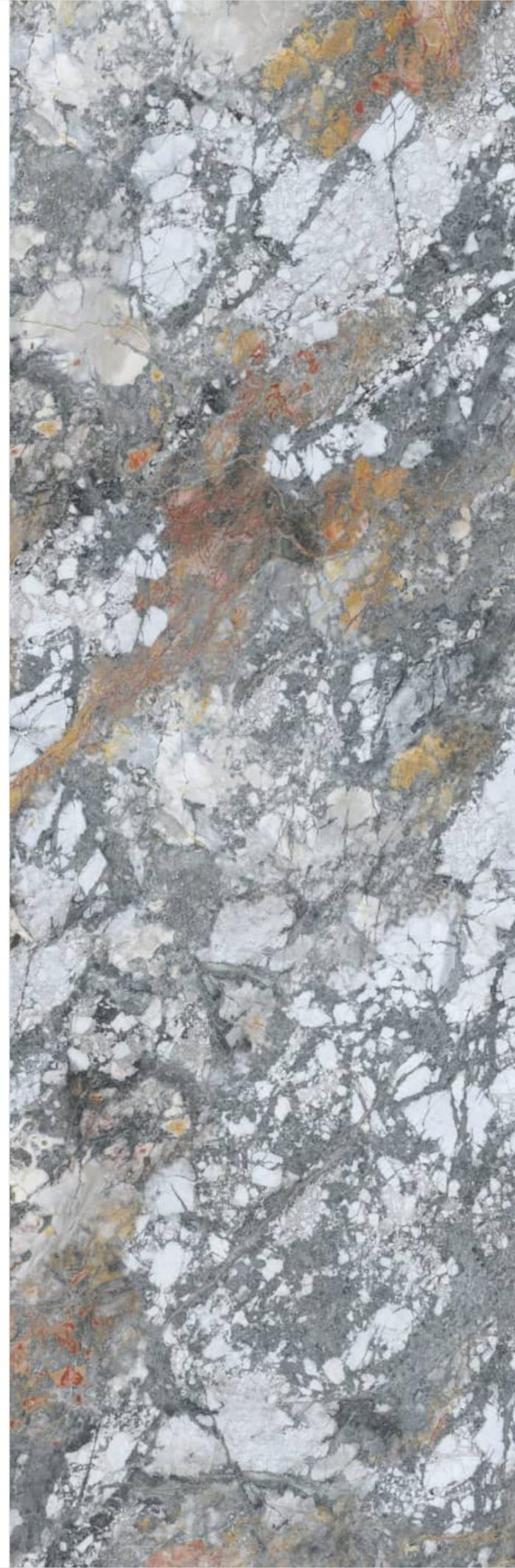


80x 320cm 80x 300cm 80x 240cm

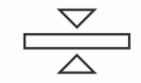
Breakfast Bar
Emerald Verde
80x240cm
Polished

Floor
Travertine
80x240cm
DG Matt





Mystic
Rock

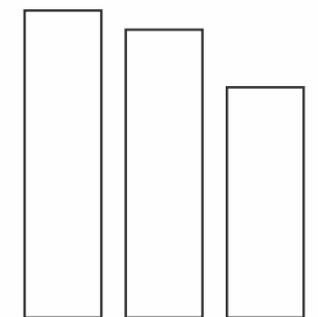


15mm
Thickness

Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces

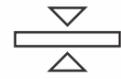
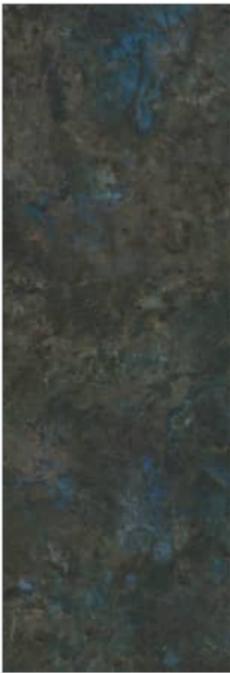


80x
320cm

80x
300cm

80x
240cm

Labradorite

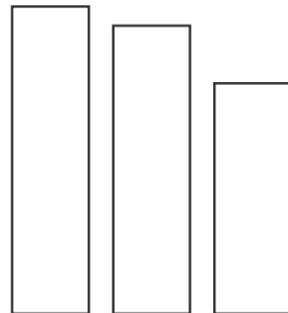


15mm
Thickness

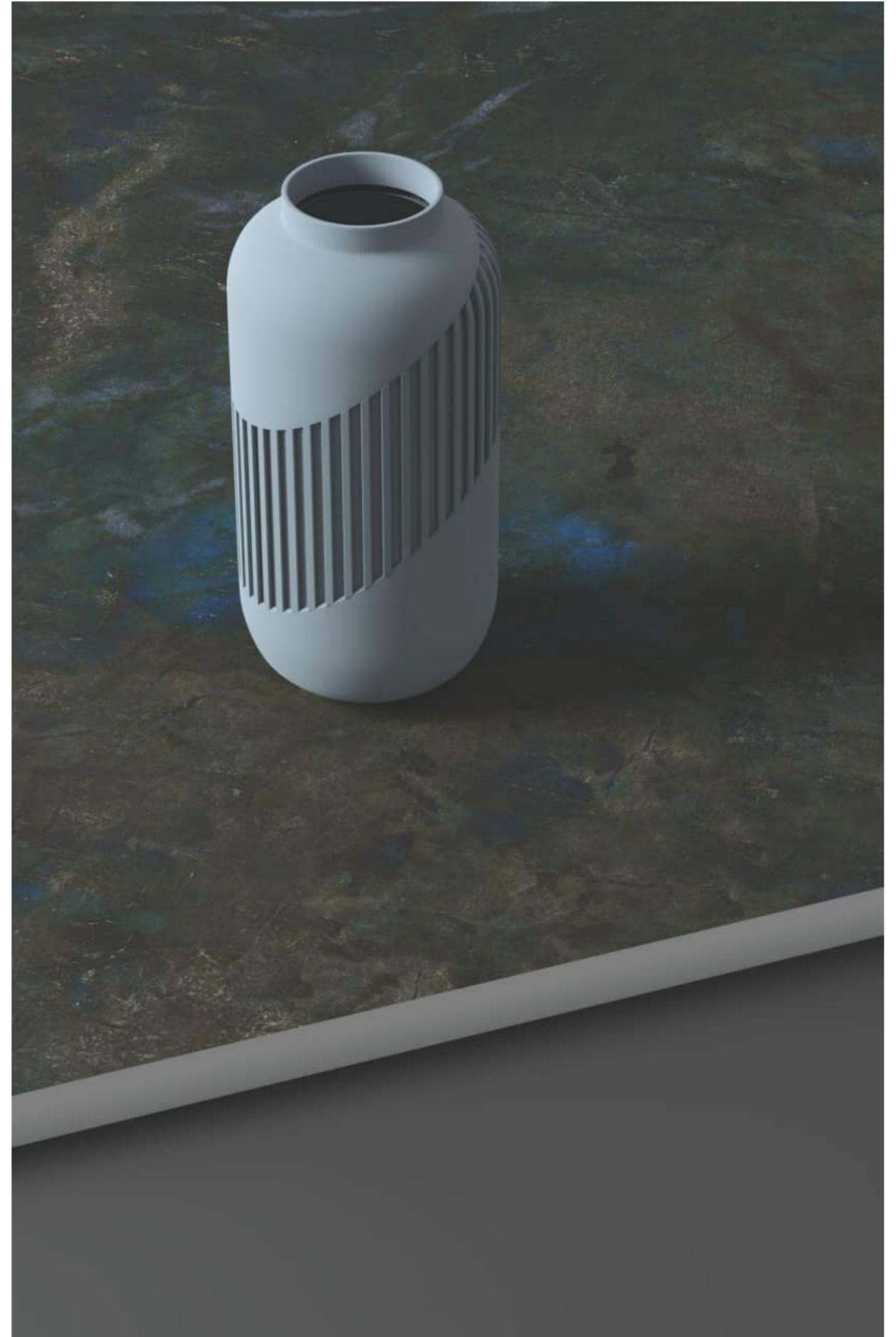
Finishes
Polished
DG Matt

Body
White Body

Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm





Reception Table
Armani Brown
80x240cm
Polished

Floor
Sparkle Statuario
80x240cm
DG Matt

Reception Table

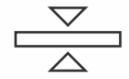
Armani Brown
80x240cm
Polished

Floor

Sparkle Statuario
80x240cm
DG Matt



Armani Brown

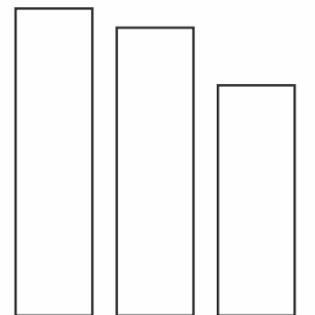


15mm
Thickness

Finishes
Polished
DG Matt

Body
Brown Body

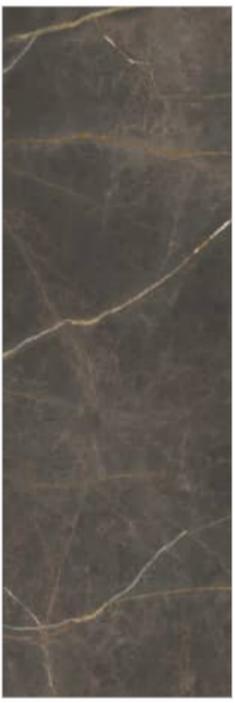
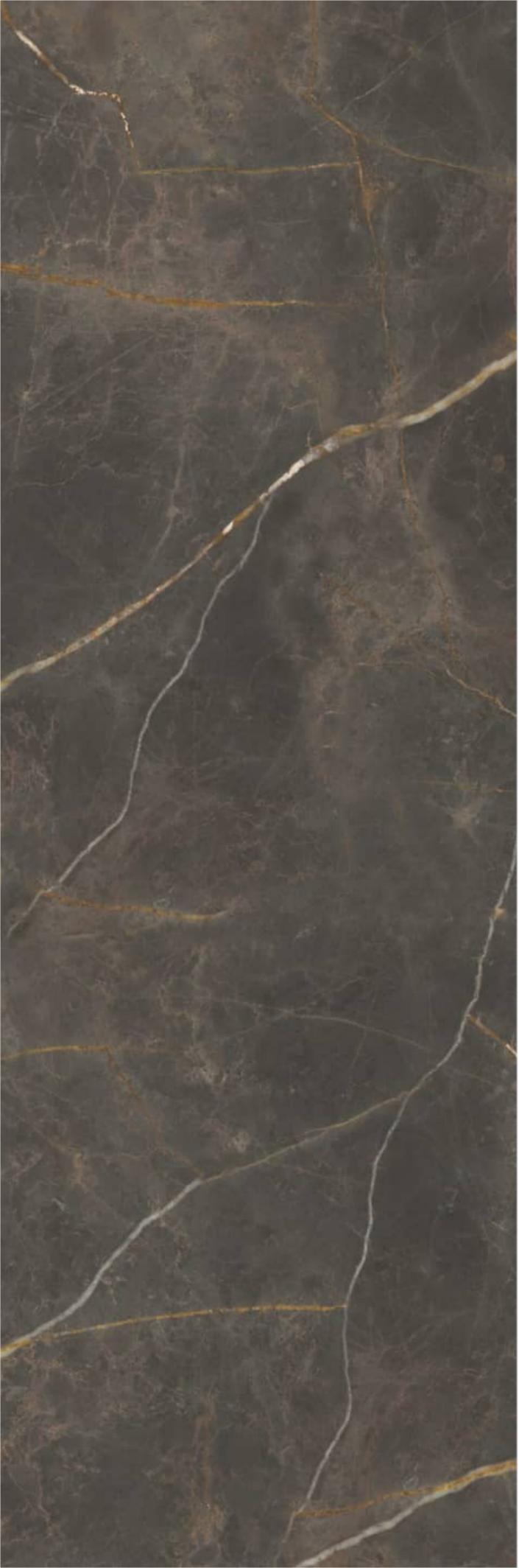
Randoms
3 Faces



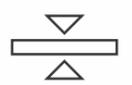
80x
320cm

80x
300cm

80x
240cm



Elegant Bronze

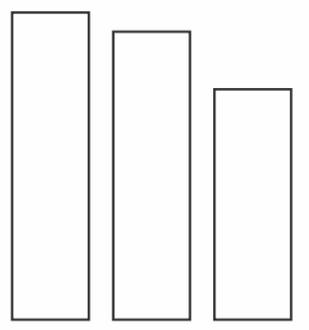


15mm
Thickness

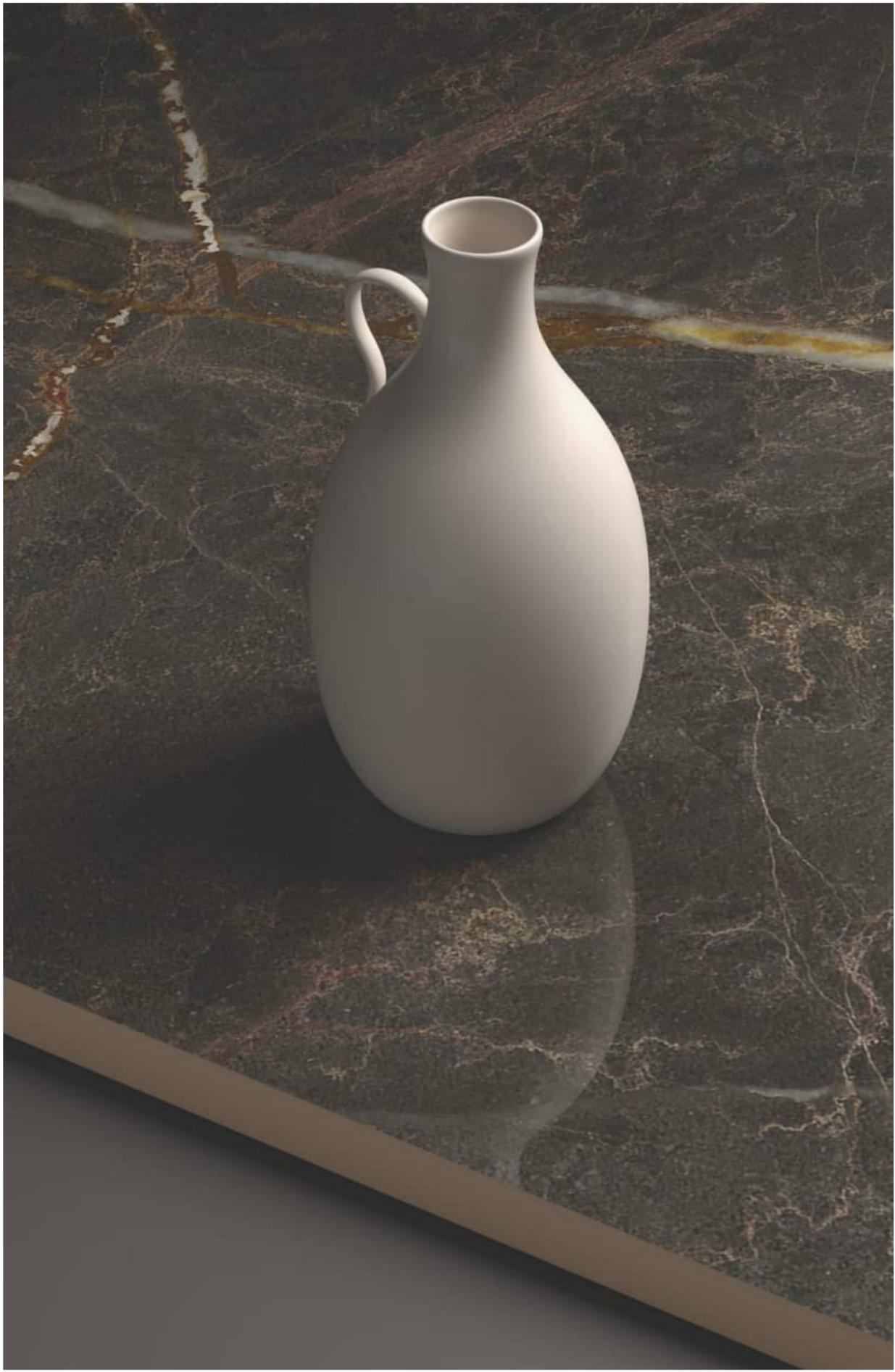
Finishes
Polished
DG Matt

Body
Brown Body

Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm





VISUAL REPRESENTATION



Service Counter

Emperador
80x240cm
DG Matt

Wall

Travertine
80x240cm
DG Matt

Floor

Travertine
80x240cm
DG Matt



Service Counter

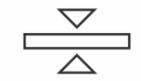
Emperador
80x240cm
DG Matt

Floor

Travertine
80x240cm
DG Matt



Emperador

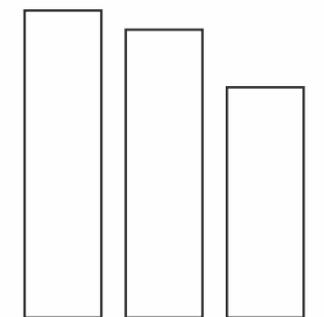


15mm
Thickness

Finishes
Polished
DG Matt

Body
Brown Body

Randoms
3 Faces



80x
320cm

80x
300cm

80x
240cm



Dining Table
Limer Grey
80x240cm
DG Matt

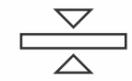
Kitchen Countertop
Limer Grey
80x240cm
DG Matt

Floor
Elegant Bronze
80x240cm
DG Matt





Limer Grey

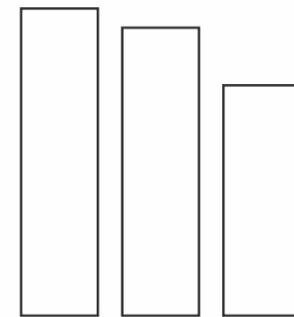


15mm
Thickness

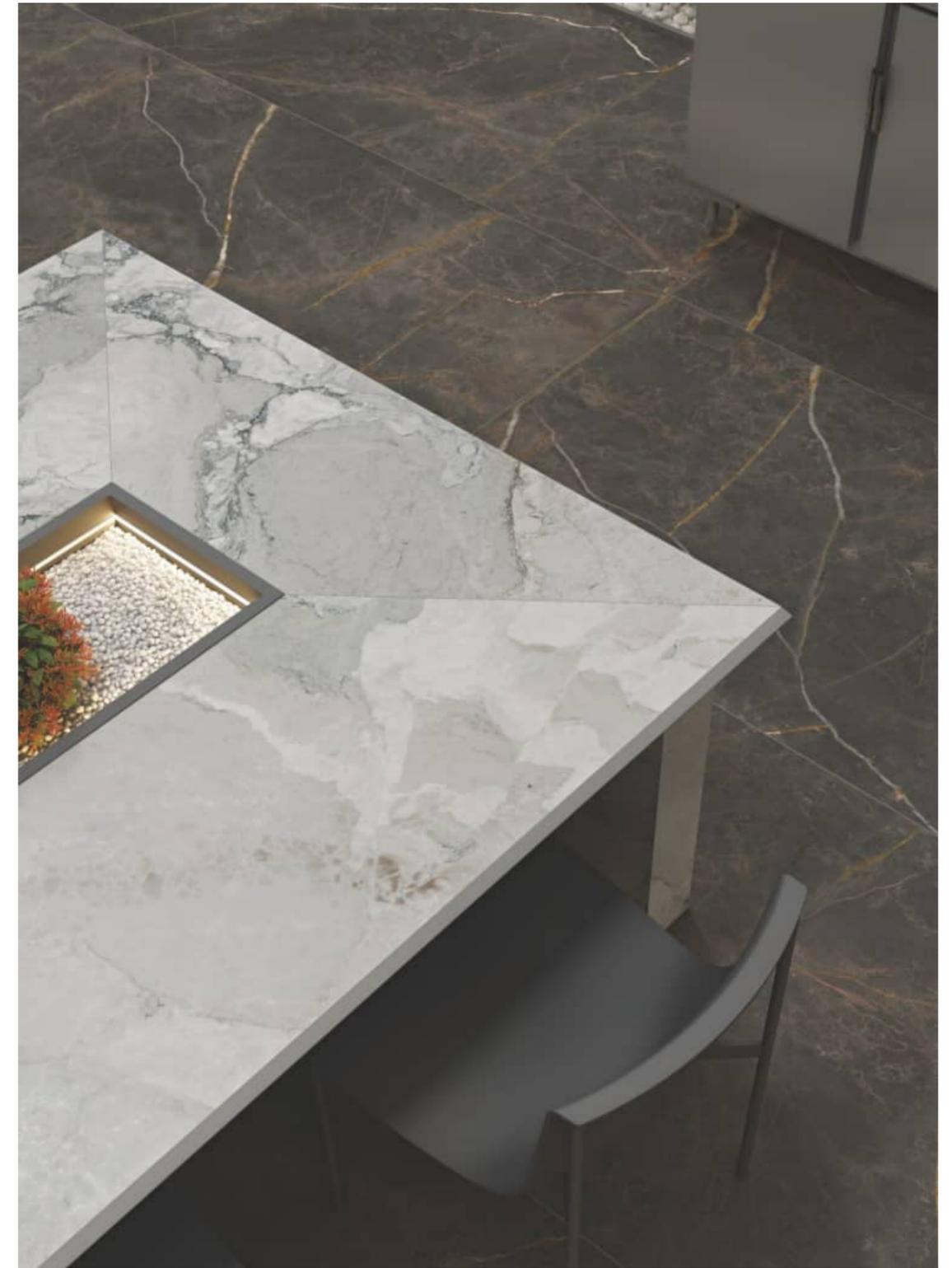
Finishes
Polished
DG Matt

Body
Grey Body

Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm

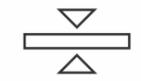


Dining Table
Limer Grey
80x240cm
DG Matt

Floor
Elegant Bronze
80x240cm
DG Matt



Atlantis Stone

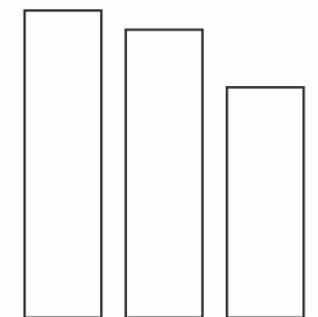


15mm
Thickness

Finishes
Polished
DG Matt

Body
Grey Body

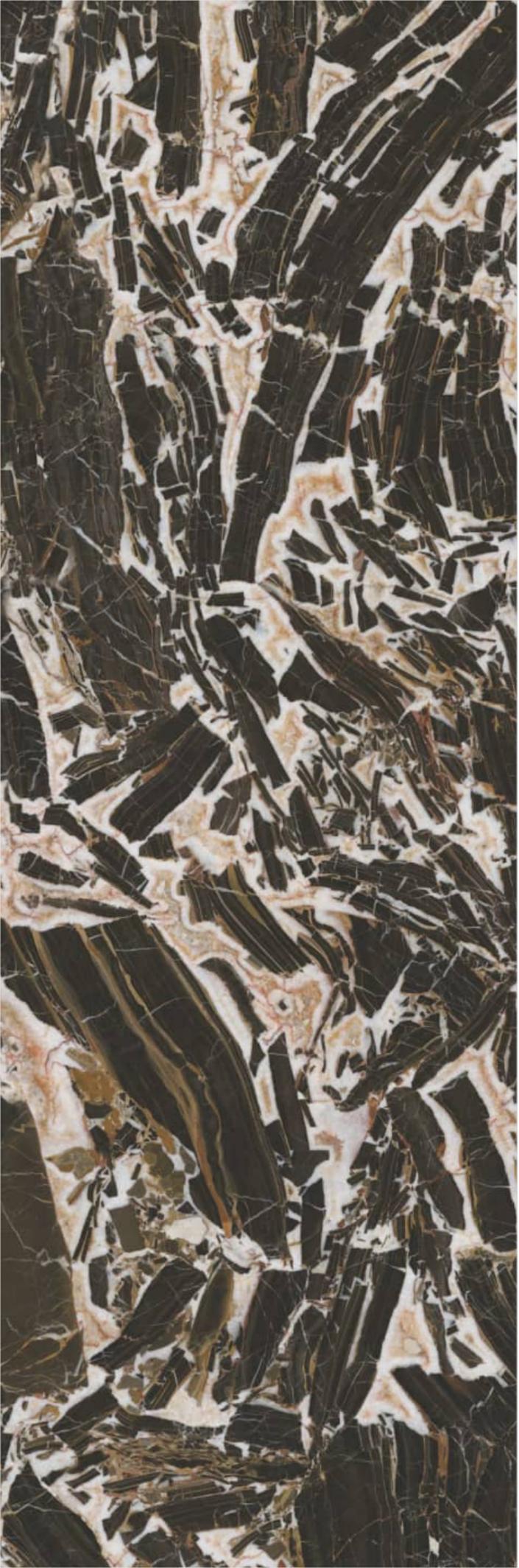
Randoms
3 Faces



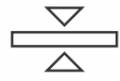
80x
320cm

80x
300cm

80x
240cm



Vortex
Brown

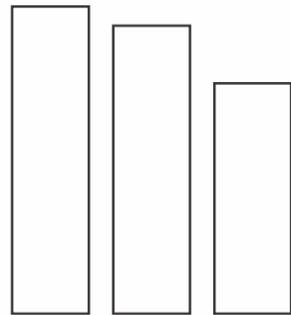


15mm
Thickness

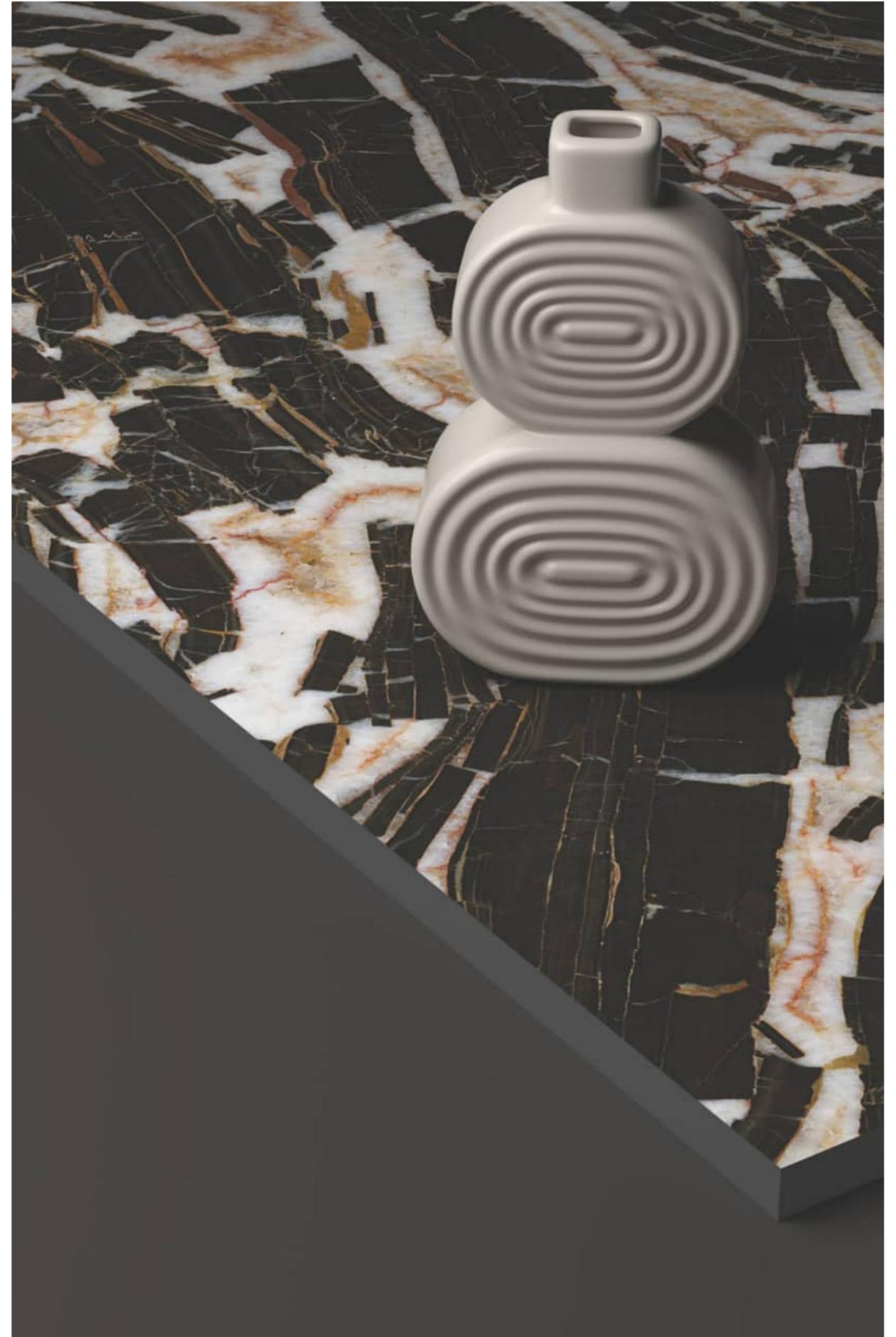
Finishes
Polished
DG Matt

Body
Black Body

Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm





Wall
Black Lavante
80x240cm
DG Matt

Floor
Limer Grey
80x240cm
DG Matt

Kitchen Island
Black Lavante
80x240cm
DG Matt

Wall

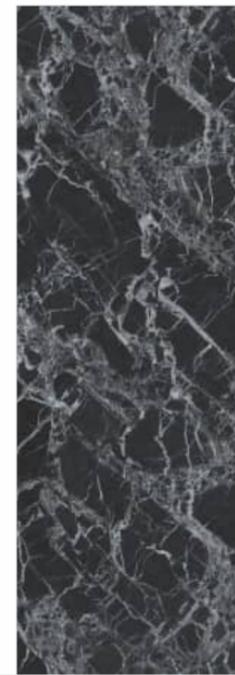
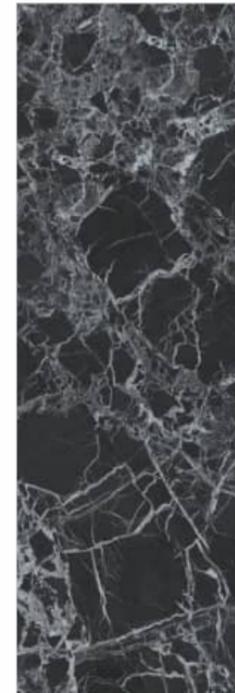
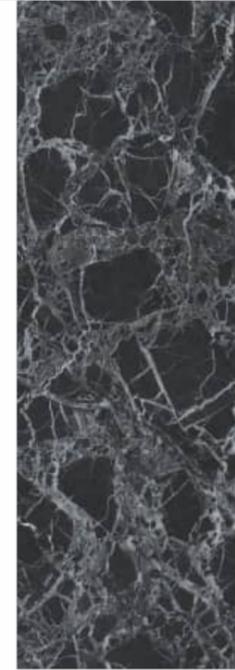
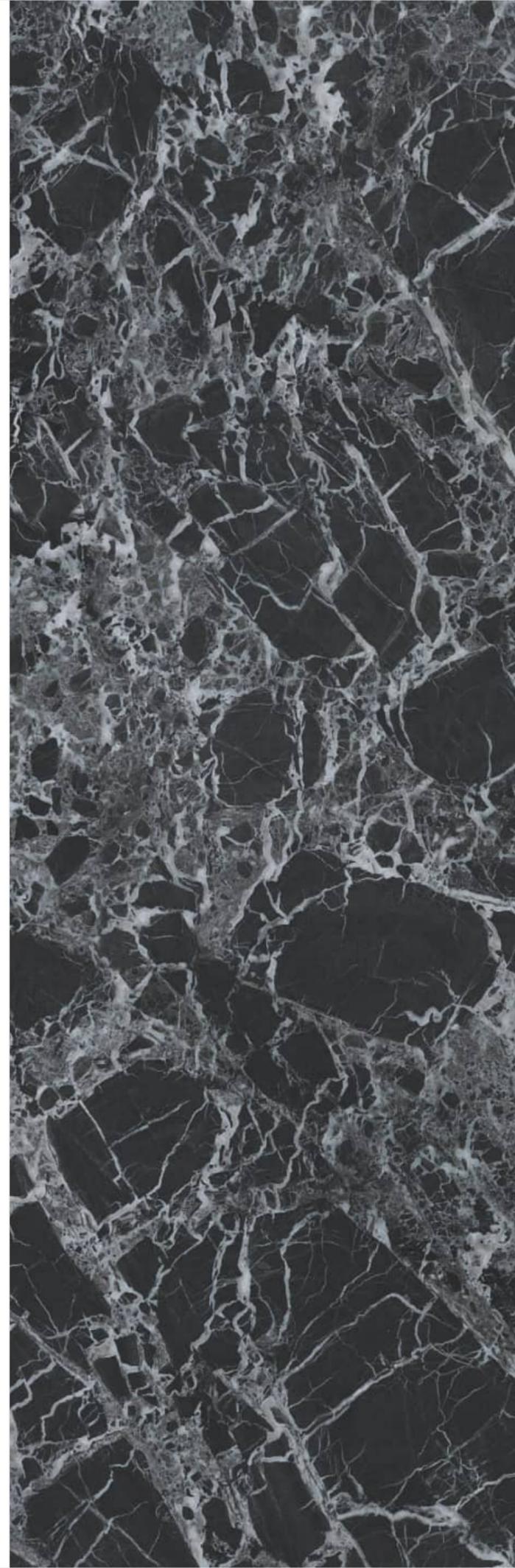
Black Lavante
80x240cm
DG Matt

Floor

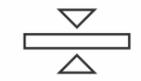
Limer Grey
80x240cm
DG Matt

Kitchen Island

Black Lavante
80x240cm
DG Matt



Black Lavante

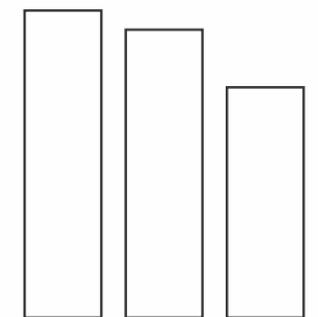


15mm
Thickness

Finishes
Polished
DG Matt

Body
Black Body

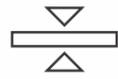
Randoms
4 Faces



80x 320cm 80x 300cm 80x 240cm



Oceanic Wave

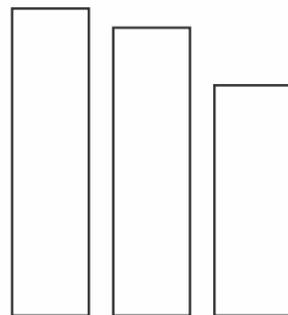


15mm
Thickness

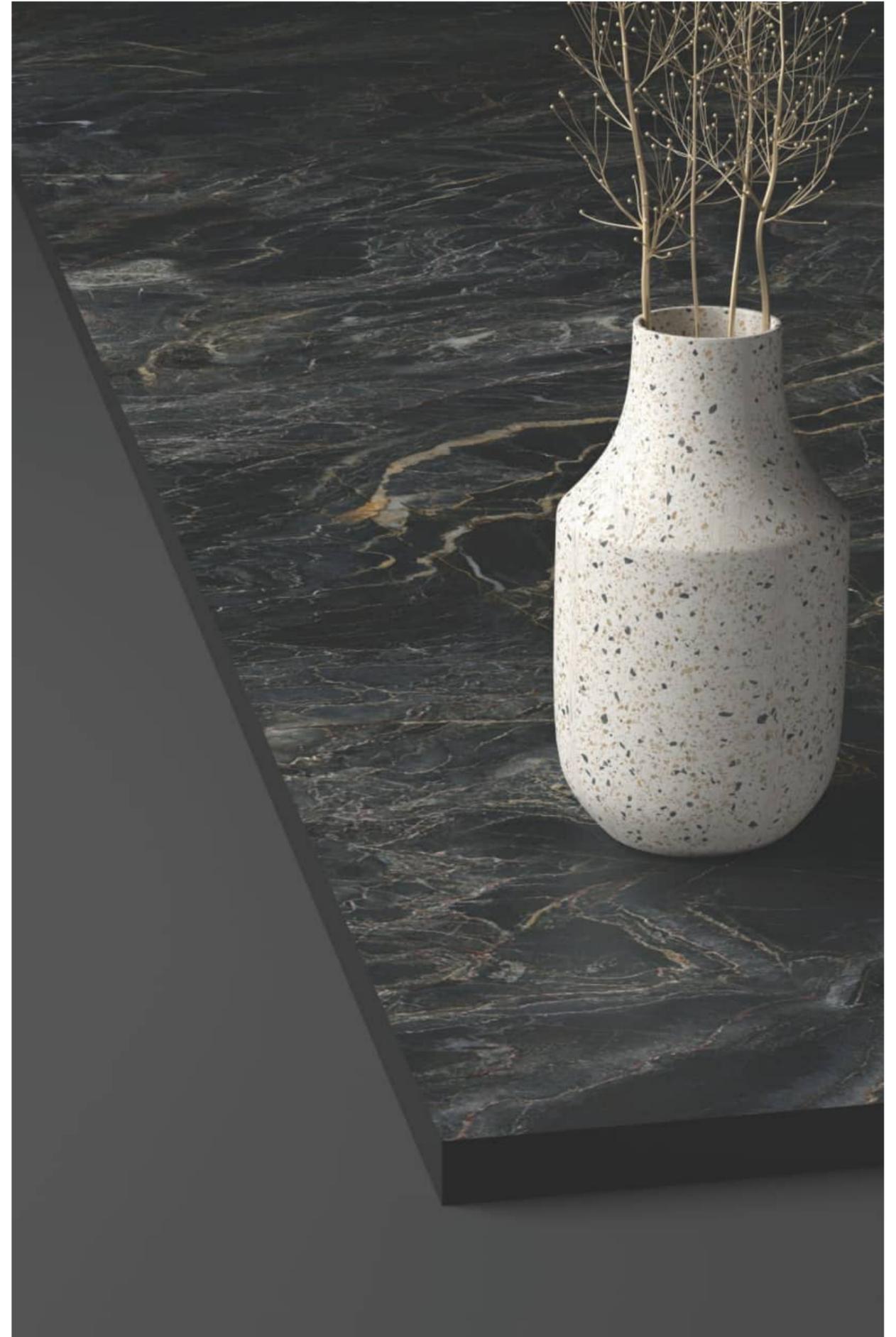
Finishes
Polished
DG Matt

Body
Black Body

Randoms
4 Faces



80x 320cm 80x 300cm 80x 240cm





VISUAL REPRESENTATION

Bathroom Sink
Grigio Intenso
80x240cm
Polished

Floor
Travertine
80x240cm
DG Matt

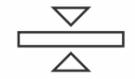


Bathroom Sink
Grigio Intenso
80x240cm
Polished

Floor
Travertine
80x240cm
DG Matt



Grigio
Intenso

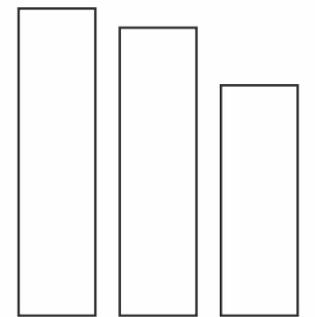


15mm
Thickness

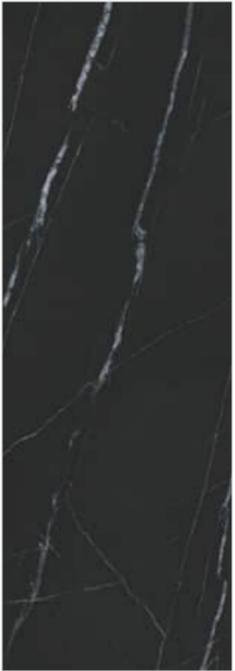
Finishes
Polished
DG Matt

Body
Black Body

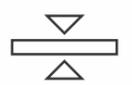
Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm



Marquina
Nero

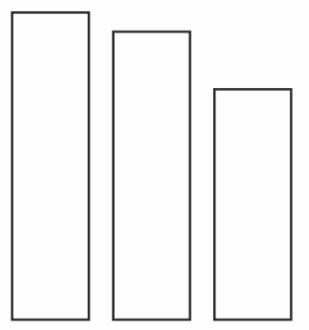


15mm
Thickness

Finishes
Polished
DG Matt

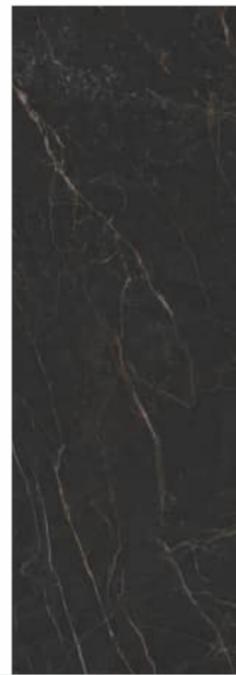
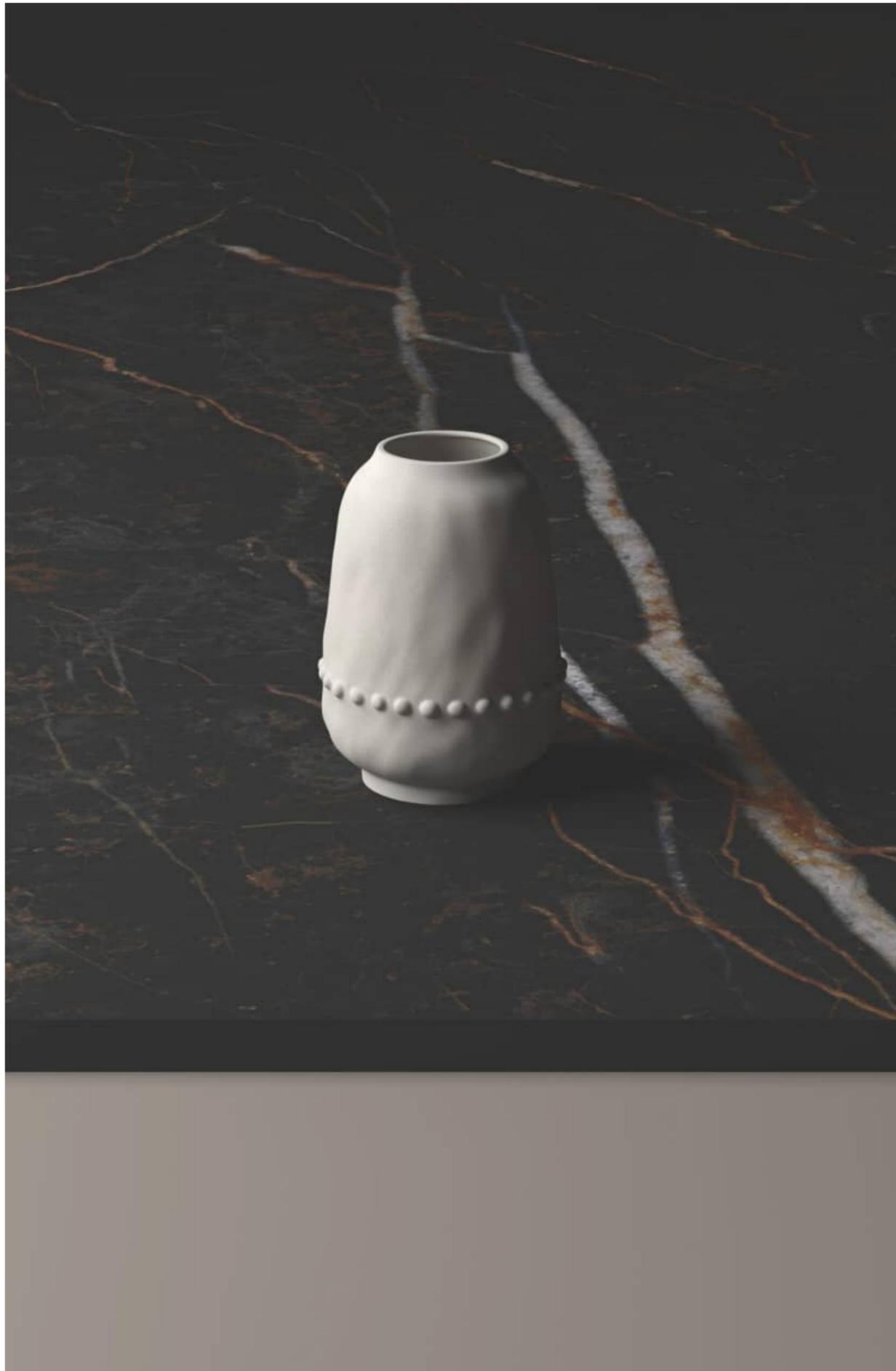
Body
Black Body

Randoms
3 Faces

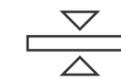


80x 320cm 80x 300cm 80x 240cm





Noir
Black

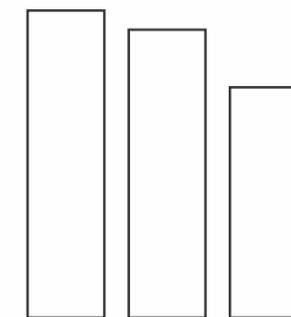


15mm
Thickness

Finishes
Polished
DG Matt

Body
Black Body

Randoms
4 Faces



80x 320cm 80x 300cm 80x 240cm

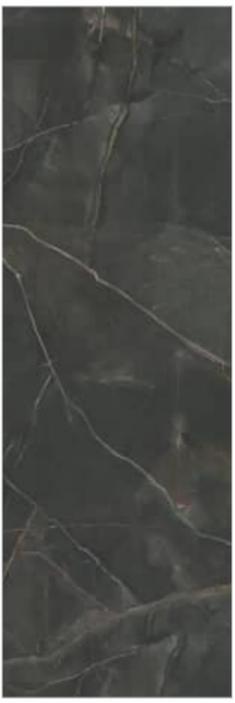


Dining Tabletop

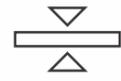
Prisma Noir
80x240cm
DG Matt

Floor

Travertine
80x240cm
DG Matt



Prisma
Noir

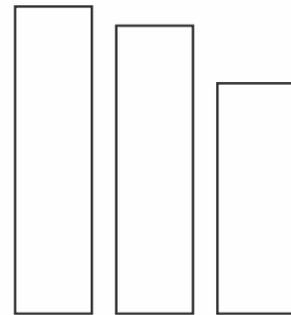


15mm
Thickness

Finishes
Polished
DG Matt

Body
Black Body

Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm



Dining Tabletop
Prisma Noir
80x240cm
DG Matt

Floor
Travertine
80x240cm
DG Matt



Vanity Top & Sink

Veins Black
80x240cm
Polished

Backsplash

Veins Black
80x240cm
Polished

Vanity Top & Sink

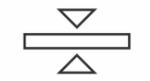
Veins Black
80x240cm
Polished

Backsplash

Veins Black
80x240cm
Polished



Veins
Black

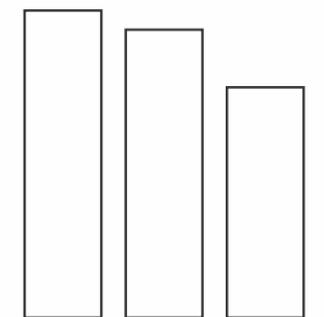


15mm
Thickness

Finishes
Polished
DG Matt

Body
Black Body

Randoms
3 Faces



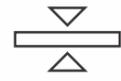
80x
320cm

80x
300cm

80x
240cm



Vitronite Black

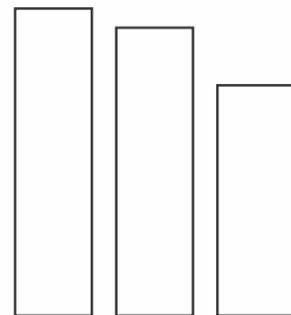


15mm
Thickness

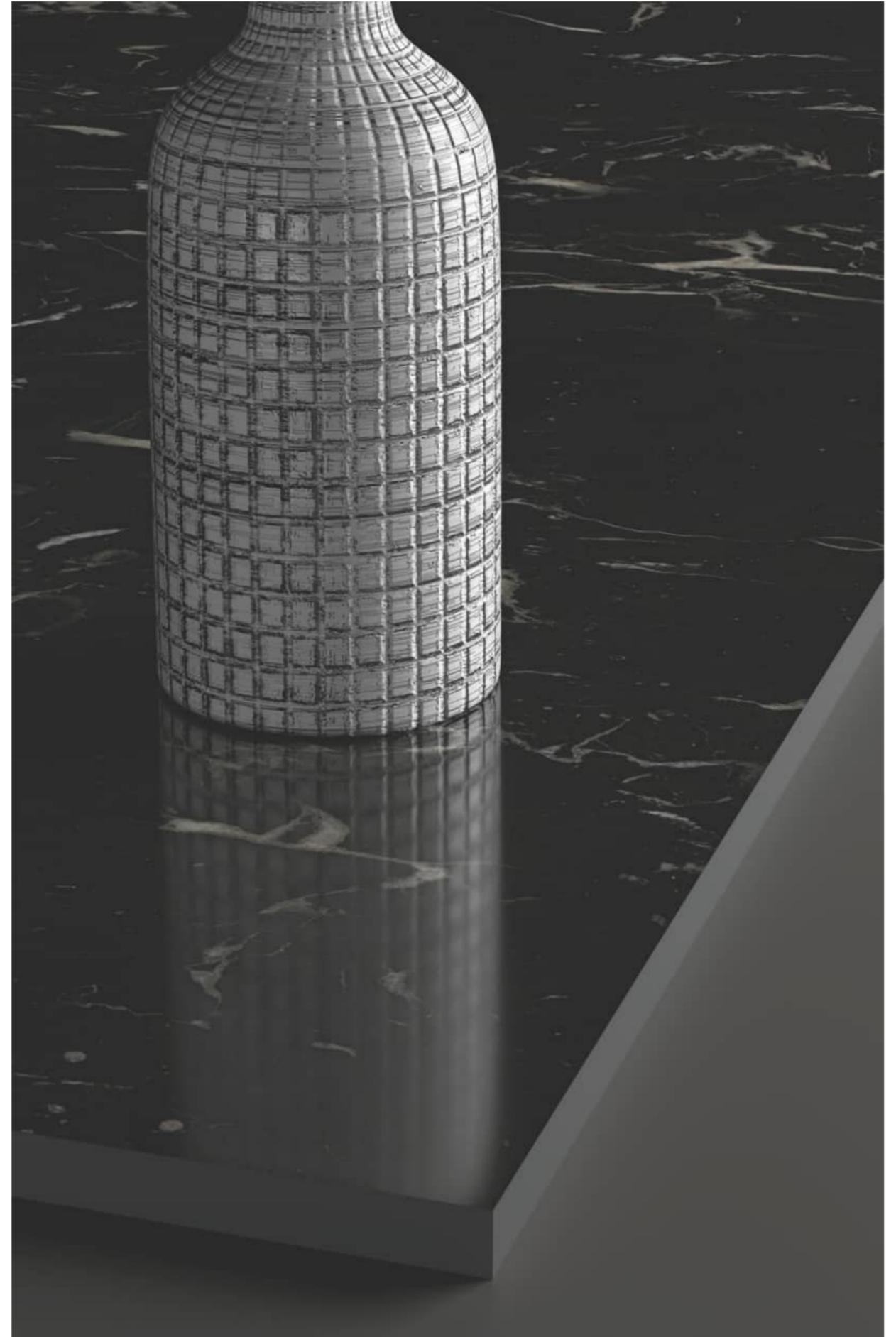
Finishes
Polished
DG Matt

Body
Black Body

Randoms
3 Faces

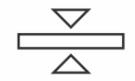


80x 320cm 80x 300cm 80x 240cm





Marmo Black

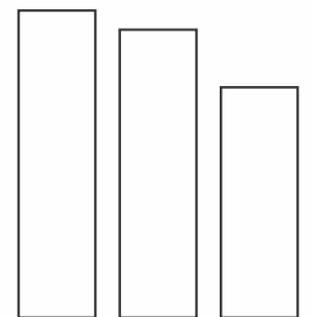


15mm
Thickness

Finishes
Polished
DG Matt

Body
Black Body

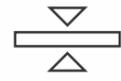
Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm



Silver
Portoro

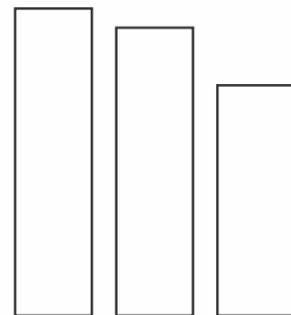


15mm
Thickness

Finishes
Polished
DG Matt

Body
Black Body

Randoms
3 Faces

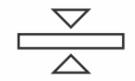


80x 320cm 80x 300cm 80x 240cm





Golden Portoro

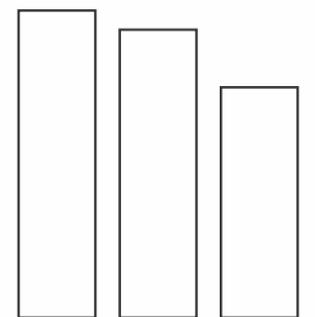


15mm
Thickness

Finishes
Polished
DG Matt

Body
Black Body

Randoms
3 Faces



80x 320cm 80x 300cm 80x 240cm

EDGES

Borders



EDGE PROFILE POSSIBILITIES

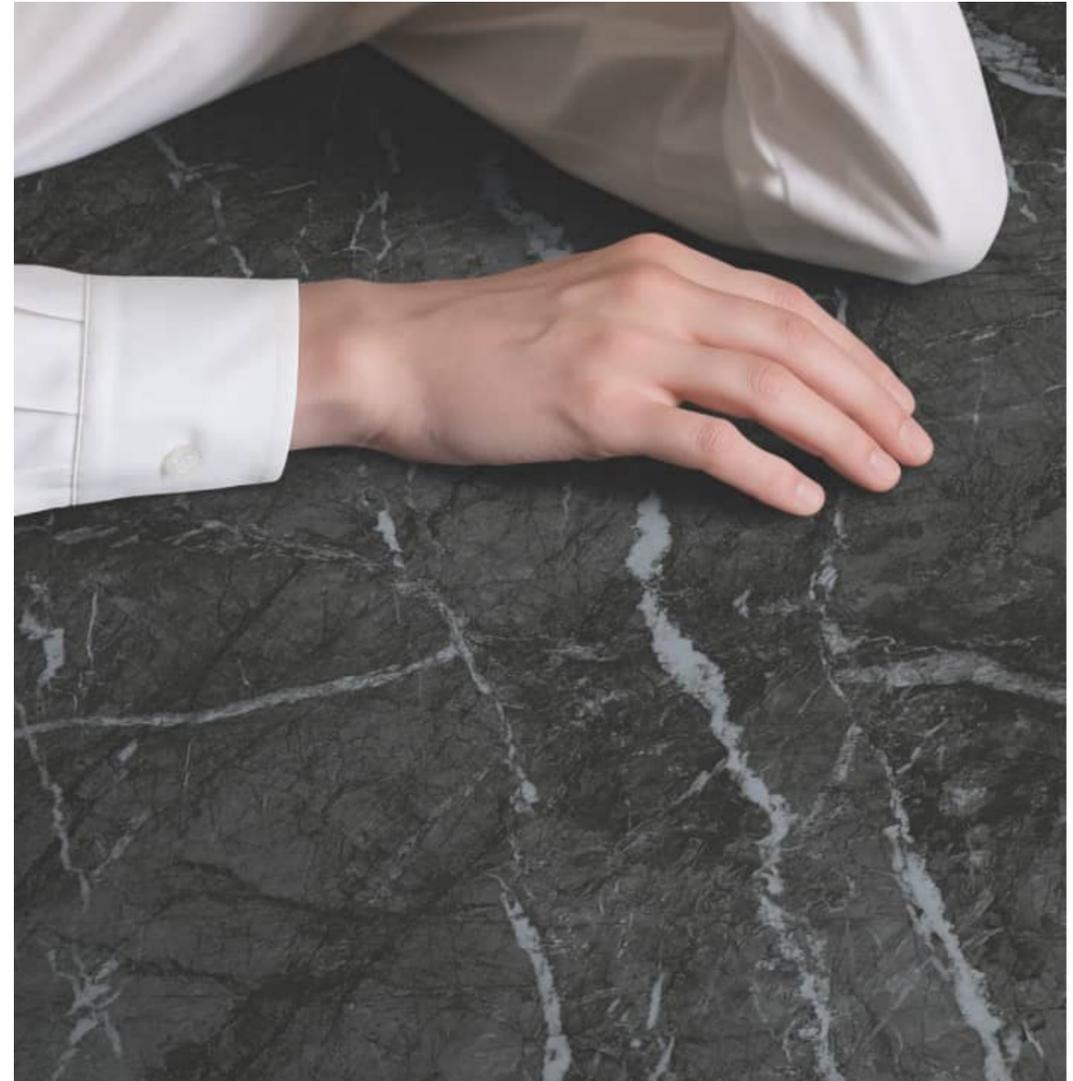
From straight cuts to bevels and bullnoses, the Our Slabs collection's thickness supports a range of edge profiles, allowing seamless integration into any design vision. Customizable edges ensure every slab perfectly fits your aesthetic, safety, and functional needs.





TECHNICAL RECOMMENDATION

FABRICATION AND INSTALLATION SUGGESTIONS

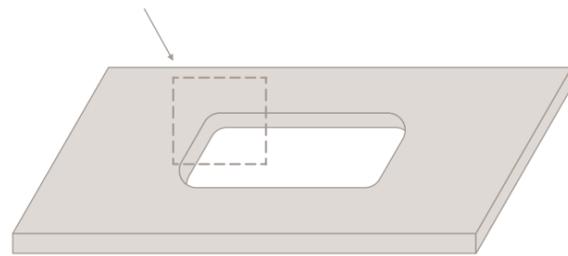


1. FABRICATION

1.1 INTERNAL CUTOUTS AND HOLES

All internal corners relating to a cut-out must have a minimum radius of 3/16".
For industrial kitchens, the minimum radius is 3/8".

A larger radius provides greater structural strength to the workpiece (Figure 1), whereas any non-radiused corner creates a stress point on the countertop (Figures 2, 3, 4).



$R \geq 3/16"$

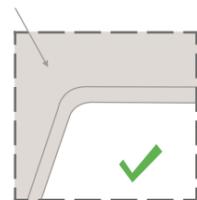


Figure 1

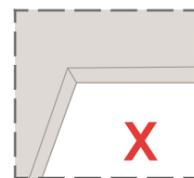


Figure 2

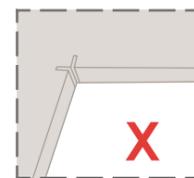


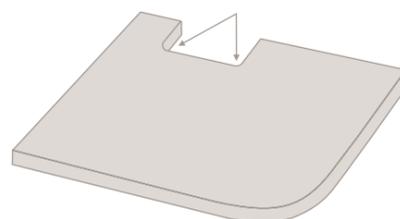
Figure 3



Figure 4

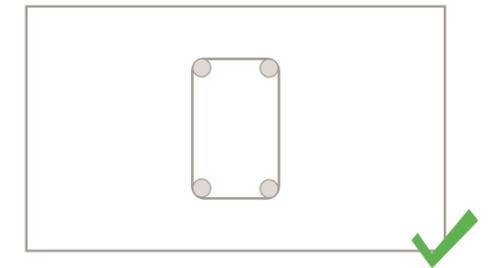
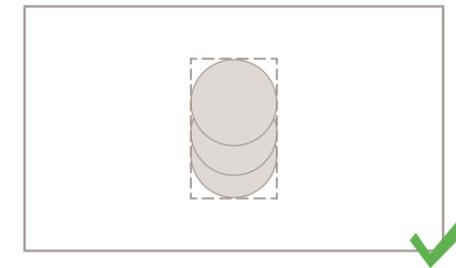
It is recommended to create a minimum radius of 3/16" in the presence of columns or elements requiring the countertop to be cut.

$R \geq 3/16"$
 $R \geq 3/8"$ for industrial kitchen



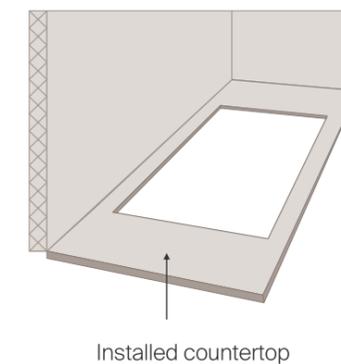
1.2. HOLES FOR ACCESSORIES

It is recommended to create circular holes for accessories / switches, as shown in the pictures below.

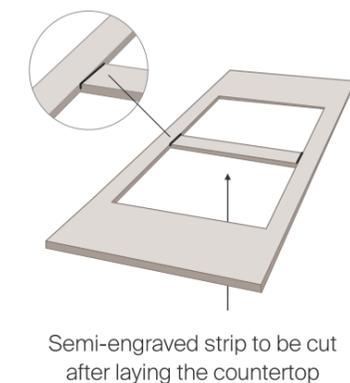


1.3. LARGE CUT-OUTS

In the case of one or more large cut-outs, it is recommended to leave a strip of material to stiffen the countertop. This strip, already engraved at half the thickness, will be cut after installation is complete.



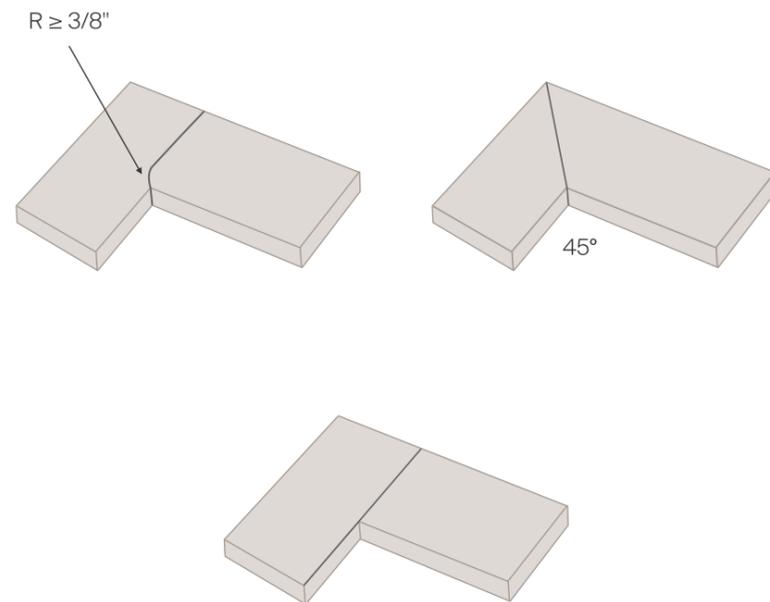
Installed countertop



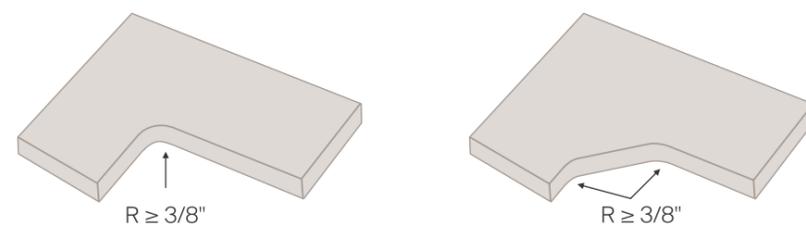
Semi-engraved strip to be cut after laying the countertop

1.4. L-SHAPED WORKPIECES

In the case of an L-shaped kitchen, it is recommended to divide the countertop into two pieces so as not to compromise the strength of the workpiece.

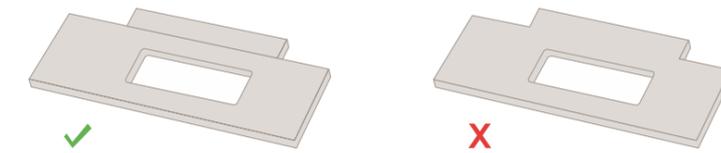


If you want to make a single-piece L-shaped countertop, the minimum radius must be $3/8''$.

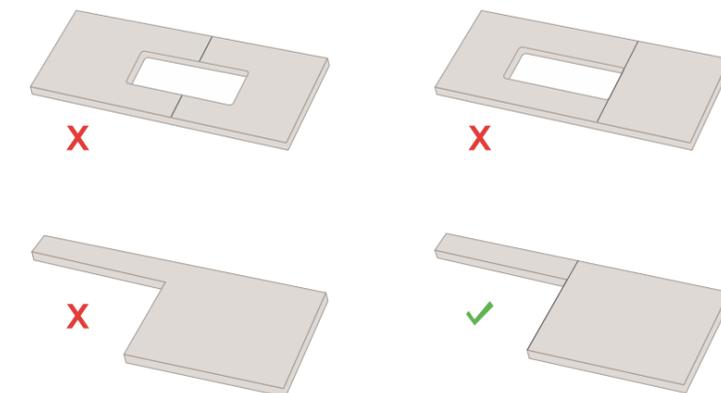


1.5. SPECIAL CASES

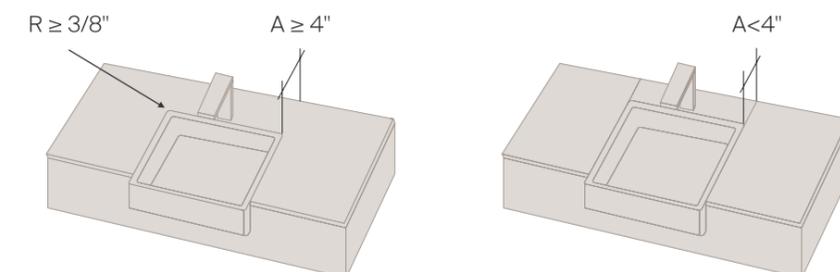
If there are recesses or interior window sills, avoid making the kitchen countertop from a single piece.



Avoid fork cuts

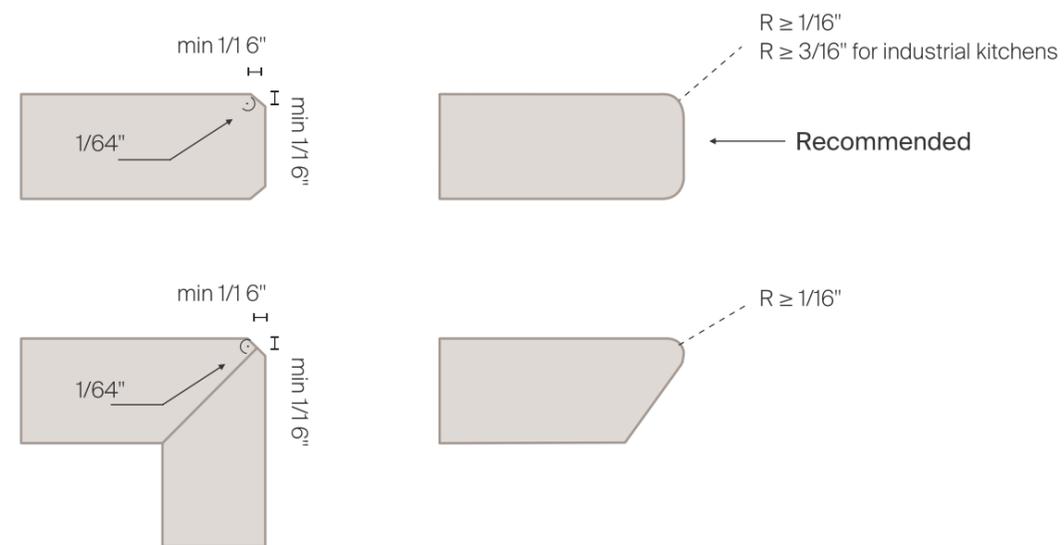


In the case of farm sinks / semi-inset sinks, the countertop can be made from a single piece if the strip behind the sink is at least 4" deep. Otherwise, the countertop can be made in several pieces.



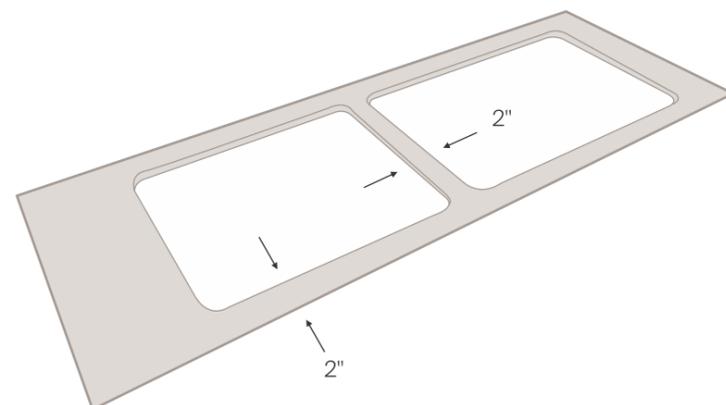
1.6. PROCESSING OF EDGES

It is recommended to process the edges of the workpieces as indicated in the drawing. These instructions are a good compromise between aesthetics and functionality while also guaranteeing a considerable reduction in the risk of chipping.



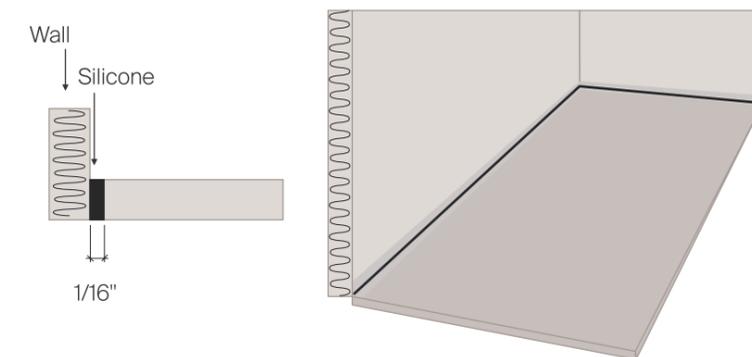
1.7. MINIMUM DISTANCE BETWEEN EDGE AND CUT-OUTS

The recommended minimum distance between cut-out and between edge and cut-out is 2\".

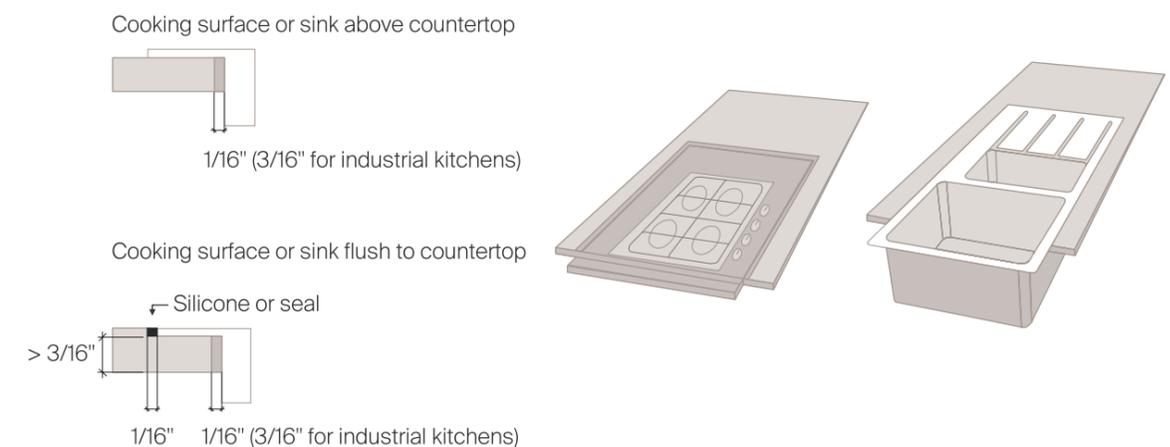


1.8. MINIMUM DISTANCE BETWEEN WALL-SINK-COOKING SURFACE

The recommended minimum distance between the countertop and the wall is 1/16\".



The recommended minimum distance between the countertop and the cooking surface or sink is 1/16\" (1/8\" for industrial kitchens).



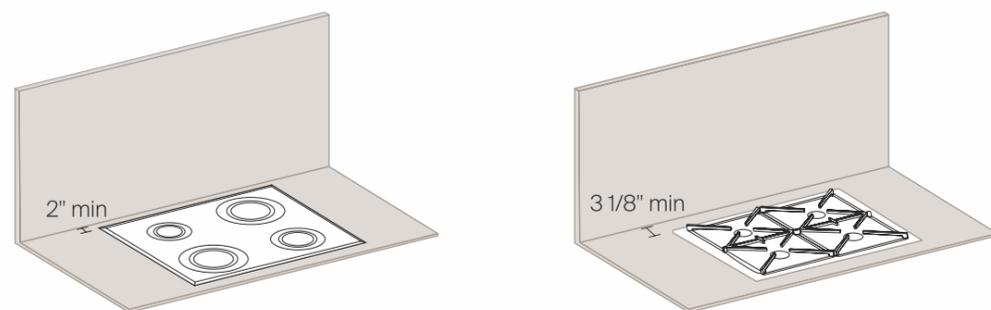
WARNING

To compensate for the different thermal expansion caused by daily use, a sealant such as silicone or other seals supplied directly by the household appliance manufacturer should be placed between the countertop and the elements fitted inside it. When applying silicone to seal the cooking surface, protect the countertop surface using adhesive tape.

1.9. MINIMUM DISTANCE BETWEEN SPLASHBACK-COOKING SURFACE

With splashbacks over 4" high, it is recommended to keep a minimum distance of:

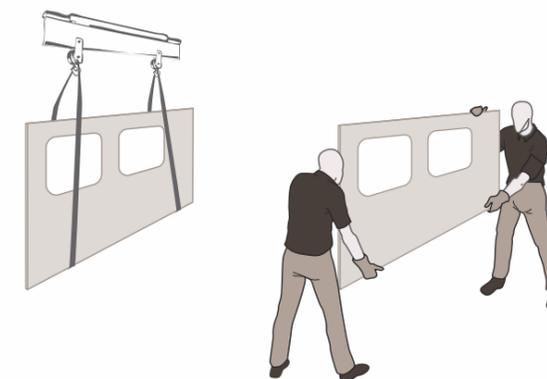
- 2" between the splashback and the electric hob;
- 3 1/8" between the splashback and the gas hob.



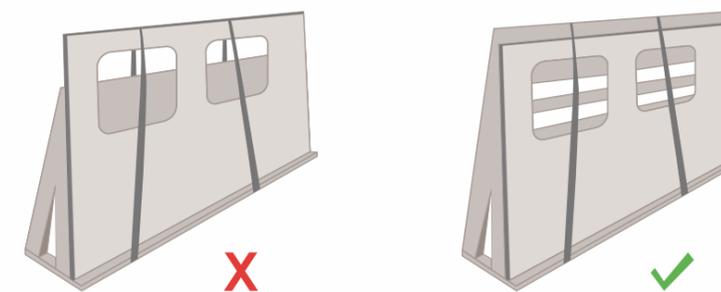
2. HANDLING AND LAYING

2.1. HANDLING AND PACKAGING OF THE WORKPIECE

At all times, when handling and transporting the workpiece, whether by hand or using belts and suction cups, it must be kept in an upright position, as shown in the drawing below. Any holes inside the workpiece must always be facing upwards.



The slabs are packaged on stands and / or in crates. They must be transported individually with care and stacked on their side, regardless of their format, making sure to insert materials (e.g., wooden shims) between the different pieces and between the slabs and the support to prevent any breakages. The slabs should always be properly supported to avoid bending and stored in areas that are not subject to accidental impacts (workplace transport or maneuvering areas).



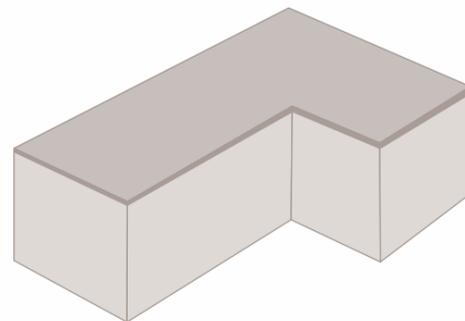
2.2. PRE-LAYING

It is essential that the support base on which the countertop is to be laid is flat, level, and structurally solid. Most breakages during assembly and post-laying are due to an uneven or inadequate support, or the presence of debris or process residues. The surface of the countertop must rest perfectly on the support; any unsupported points may weaken the workpiece. It is therefore not advisable to apply isolated silicone dots. Apply the adhesive evenly over the entire support area, ensuring it adheres completely to the countertop.



For countertops with a thickness of 1/2", it is advisable to ensure full support across the entire surface of the workpiece for greater stability. Use marine plywood with a minimum thickness of 34mm that supports the countertop over the entire area.

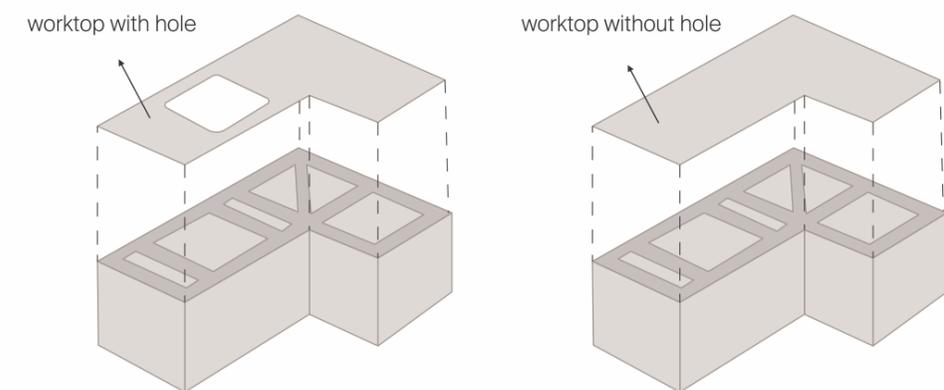
It is also important that the adhesive used to fix the to the support is sufficiently elastic (e.g., silicone) to compensate for any differences in expansion between the two materials.



If a slatted structure is used, observe the maximum distance between the C crosspieces as shown in the following table:

Required support	Thicknesses			Drawing
	1/2"	3/4"	1 1/4"	
Max recommended spans Maximum load 286lb	C ≤ 10"	C ≤ 17 3/4"	C ≤ 23 1/2"	

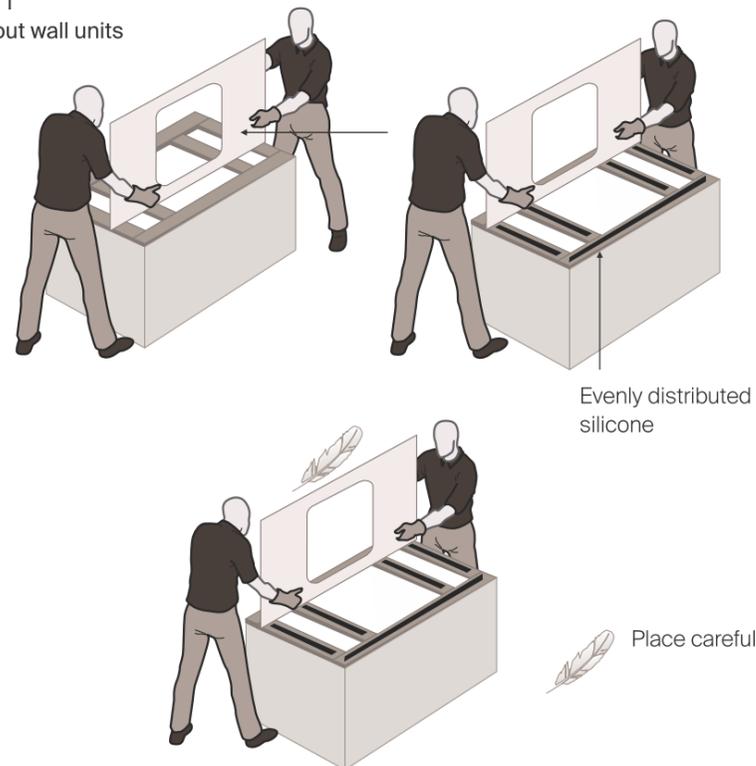
If there is one or more holes (sink hole, gas hole) in the countertop, the most stressed parts must be properly supported to provide adequate stability.



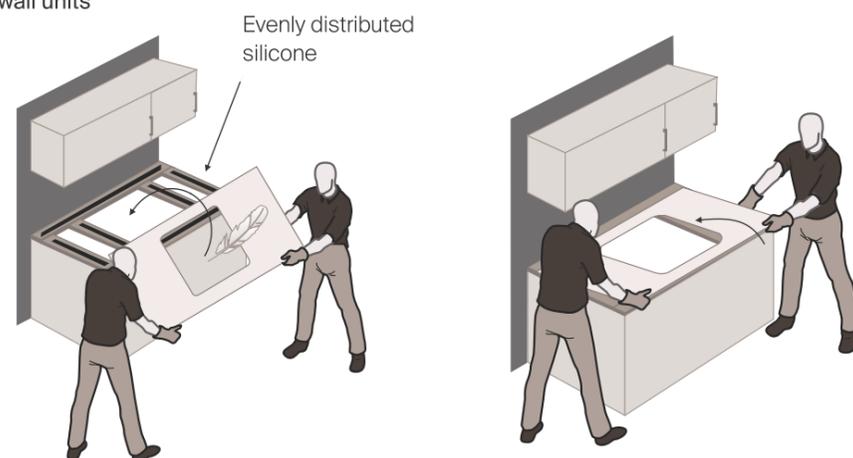
2.3. LAYING

When laying the workpiece, follow the advice below to ensure optimal positioning.

Case 1
Without wall units



Case 2
With wall units



2.3.1 LAYING PIECES WITH ZERO GAP

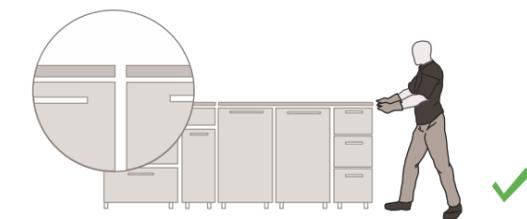
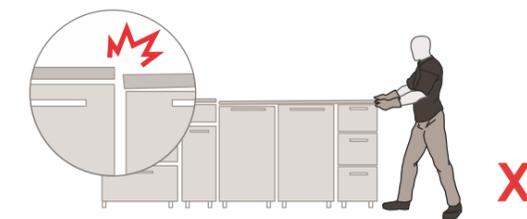
The process of handling and laying workpieces is intricate, both in the workshop when testing their performance and during on-site installation.

It is always recommended to handle workpieces with care, paying attention to the corners and following the instructions below.

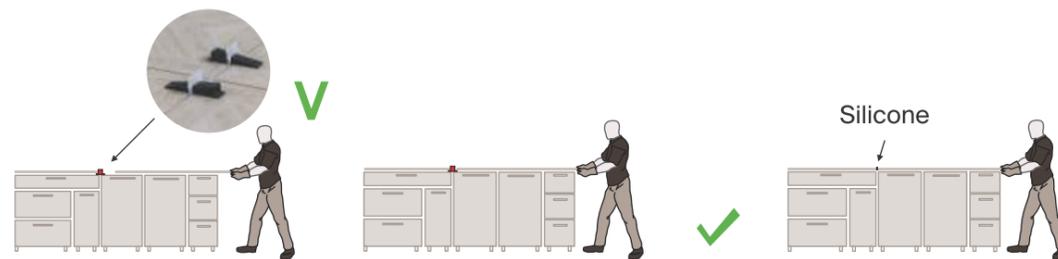
Each corner must have a minimum chamfer on the edge to ensure the solidity of the workpiece.



Before laying, ensure that the support is level and perfectly flat; otherwise, adjustments or shims may be necessary. The flanked edges must fit perfectly and not have different angles that could lead to breakages.



To avoid hard impacts between two workpieces and to facilitate the approach of adjacent workpieces, it is always advisable to place shims between them, which will only have to be removed when applying silicone and making subsequent final adjustments with minimum displacements. Care and attention during installation remain a decisive factor.



Joining workpieces with suction cups

Another way to join workpieces with zero gap is to use special equipment with suction cups for the calibrated approach of the workpieces.



TECHNICAL SPECIFICATIONS

CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 Gr.Bla	STANDARD AS PER IS 15622:2017 Gr.Bla	MEAN VALUE OF OUR	METHOD OF TESTING
Regulatory Properties				
Deviation in Length and Width	±0.30 % (±1.00 mm)	±0.10 %	± 0.10 %	ISO 10545-2/IS 13630-1
Deviation in Thickness	±5.0 % (± 0.50 mm)	±5.0 %	± 5.0 %	ISO 10545-2/IS 13630-1
Straightness in Side	±0.30 % (± 0.80 mm)	±0.10 %	± 0.10 %	ISO 10545-2/IS 13630-1
Rectangularity	±0.30 % (±1.50 mm)	±0.10%	± 0.10 %	ISO 10545-2/IS 13630-1
Surface Flatness Central Curvature	±0.40 % (± 1.80 mm)	±0.50 %	± 0.20 %	ISO 10545-2/IS 13630-1
Surface Flatness Edge Curvature	±0.40 % (± 1.80 mm)	±0.50 %	± 0.20 %	ISO 10545-2/IS 13630-1
Surface Flatness Warpage	±0.40 % (± 1.80 mm)	±0.50 %	± 0.10 %	ISO 10545-2/IS 13630-1
Surface Quality	>95% Defect Free	>95% Defect Free	>95% Defect Free	ISO 10545-2/IS 13630-1
Small Color Difference (For Plain Color)	ΔE <1.00	N.A.	ΔE <0.80	ISO 10545-16
Glossiness (Polished)	As per Manufacturer	As per Manufacturer	≥ 90	Gloss Meter 60°
Glossiness (Satin)	As per Manufacturer	As per Manufacture	7 ≤ Gloss Value ≤ 25	Gloss Meter 60°
Structural Properties				
Water Absorption	≤0.50 %	≤0.080 %	≤0.080 %	ISO 10545-3/IS 13630-2
Bulk Density	As per Manufacturer	Min 2.20 g/cc	> 2.28 gm/cc	ISO 10545-3/IS 13630-2
Massive Mechanical Properties				
Modulus of Rupture	Min. 35.0 N/mm ²	Min. 35.0 N/mm ²	Min. 40.0 N/mm ²	SO 10545-4/IS 13630-6
Breaking Strength Thickness ≥7.5 mm	Min 1300.0 N	Min 1300.0 N	Min 6000.0 N	ISO 10545-4/IS 13630-6
Surface Mechanical Properties				
Mohs Hardness #	As per Manufacturer	Min. 5	Polished Min 4**/ Satin & Posh Min 6	BS EN 15771/IS 13630-13
Surface Abrasion Resistance #	As per Manufacturer	Min. Class II	Polished Min II**/ Satin & Posh Min III	ISO 10545-7/IS 13630-11
Thermal Hygrometric Properties				
Moisture Expansion	Max. 0.06% (0.6 mm/m)	Max. 0.02 mm/m	Max. 0.02 mm/m	ISO 10545-10/IS 13630-3
Thermal Expansion (COE) at 100°C	As per Manufacturer	Max. 6.0 x 10 ⁻⁶	Max. 6.0 x 10 ⁻⁶	ISO 10545-8/IS 13630-4
Thermal Shock Resistance	Min. 10 Cycles	Min. 10 Cycles	Min. 10 Cycles	ISO 10545-9/IS 13630-5
Impact Resistance (COR) #	Min. 0.55	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
Crazing Resistance at 7.5 bar	4 Cycles	4 Cycles	4 Cycles	ISO 10545-11/IS 13630-9
Chemical Properties				
Resistance to Staining - Glazed	Min. Class 3	Min. Class 1	Min. Class 3/Min. Class 1	ISO 10545-14/IS 13630-8
Resistance to Household Chemicals & Swimming Pool Salts - Glazed	Min. Class GB	Min. Class AA	Min. Class GB/Min Class AA	ISO 10545-13/IS 13630-8
Resistance to Low Concentrate Acids 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 Acids 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 - WET PENDULUM) ##	As per Manufacturer	As per Manufacturer	Glossy ≥ P0, Satin, Posh ≥ P1	BS 7976-2
Slip Resistance - Satin/Posh (DCOF - R Value) ##	As per Manufacturer	As per Manufacturer	R9 to R10	DIN 51130
Lead and Cadmium Release	As per Manufacturer	N.A.	Does not yield Pb & Cd	ISO-10545-15

PACKING DETAILS

SIZES	THICKNESS	PCS/BOX	AREA/BOX	BOX/WT.
800x3200mm	15mm	1 pc	2.56 mt ² 27.56 ft ²	90 kg
800x3000mm	15mm	1 pc	2.40 mt ² 25.83 ft ²	84 kg
800x2400mm	15mm	1 pc	1.92 mt ² 20.67 ft ²	68 kg

