



THE SLABS



RECEPTION

< RESTAURANT
< LOUNGE

RAK
CERAMICS

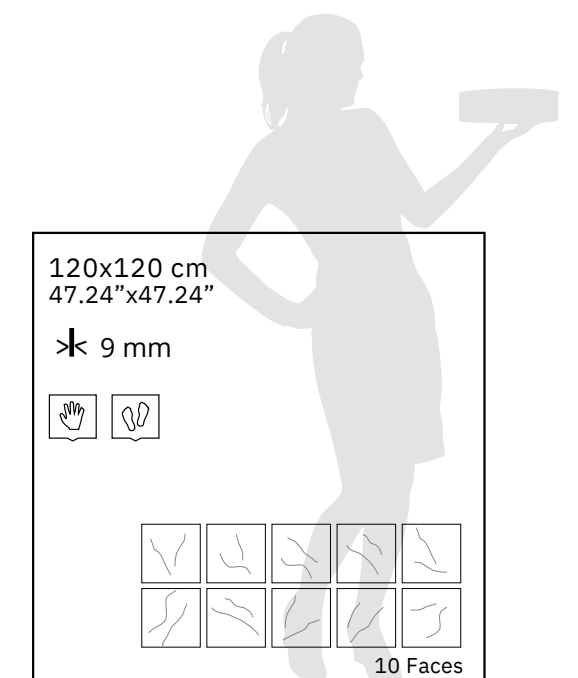
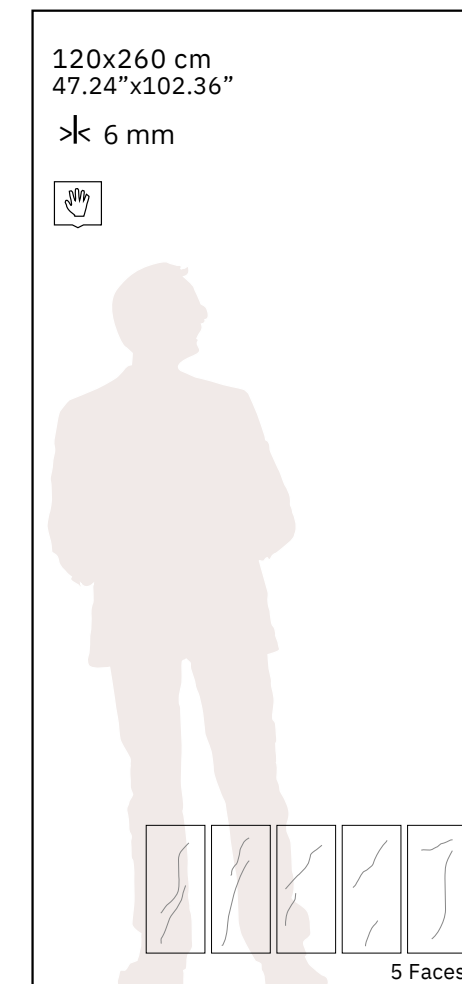
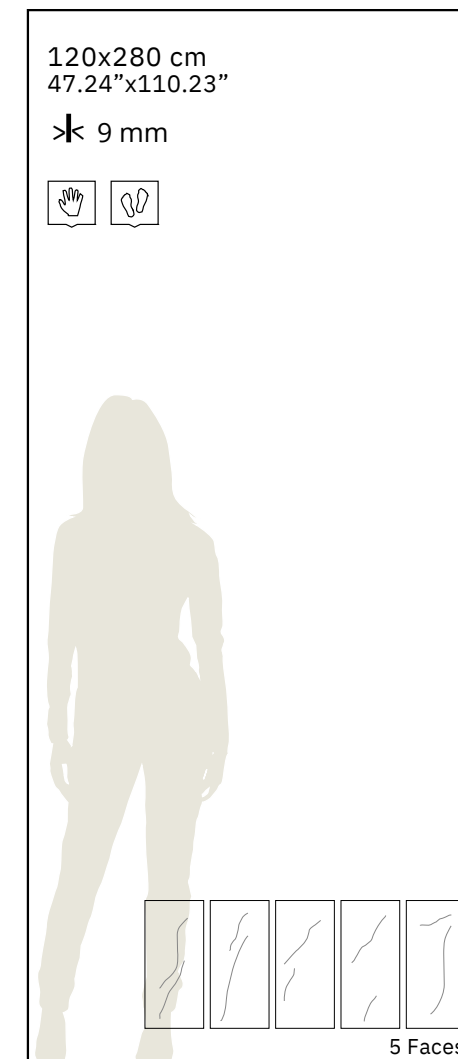
MAXIMUS
MEGA SLAB

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The design possibilities are endless.

Imagine a tiled space with virtually no grout lines.
Imagine limitless possibilities for your surfaces and unparalleled flexibility for any kind of applications.
Maximus is available in 3 thicknesses and a wide range of finishes and sizes.
Heat resistant, recyclable, light weight, durable and easy to clean.
Maximus is the best answer to the most challenging architectural and interior design needs.

MAXIMUS
MEGA SLAB



High performance sintered slabs

Versatile and simply beautiful, the Maximus slab revolutionizes the design and architecture world by opening up new perspectives in tiles application that were previously unimaginable.

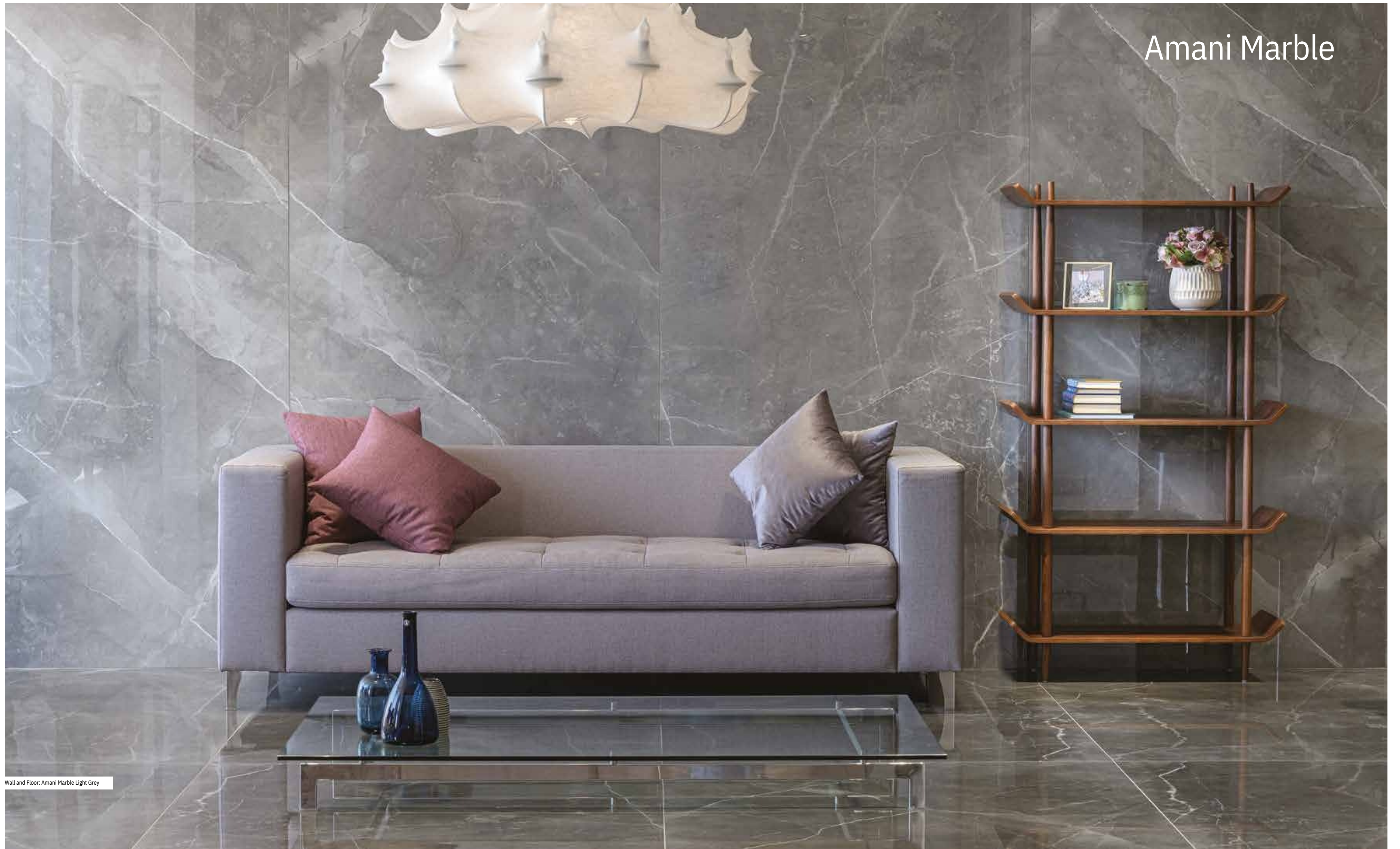
All the continuous surfaces are designed for any type of application: floor and walls, cladding, furnishing, countertops and provide creative flexibility and high technical and aesthetic performances.

WALLS AND FACADE

FURNITURE

FLOOR

Amani Marble



Wall and Floor: Amani Marble Light Grey

MARBLE

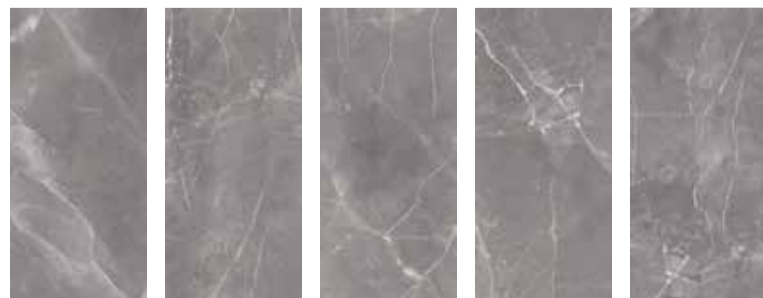
Amani Marble

PORCELAIN TILES

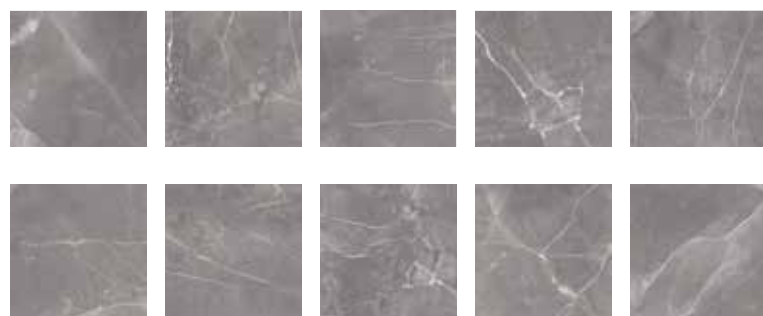
Polished • Rectified • Smooth



amani marble light grey faces
120x280 cm

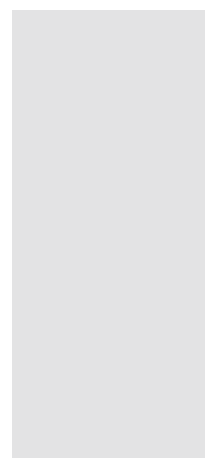


amani marble light grey faces
120x120 cm

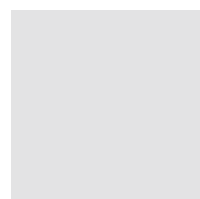


amani marble light grey

SIZES



120x280 cm
47.2441" x 110.236"

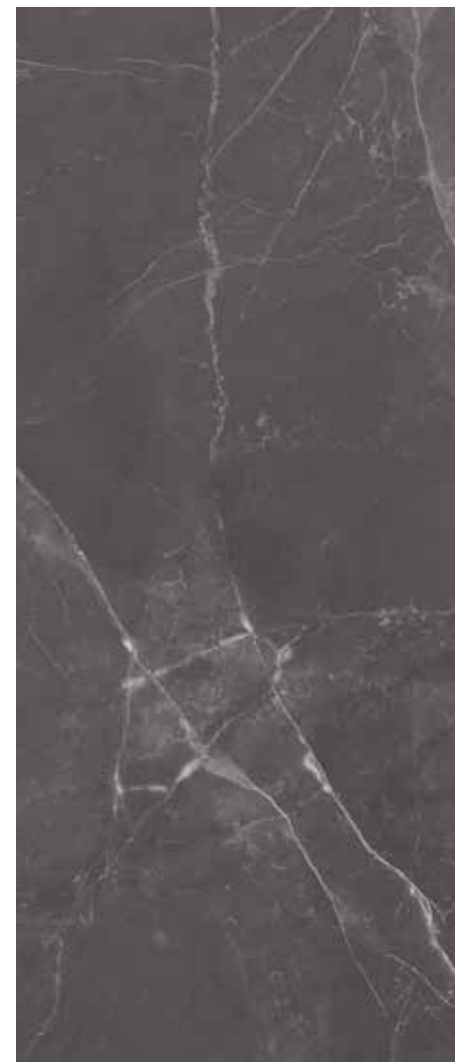


120x120 cm
47.2441" x 47.2441"

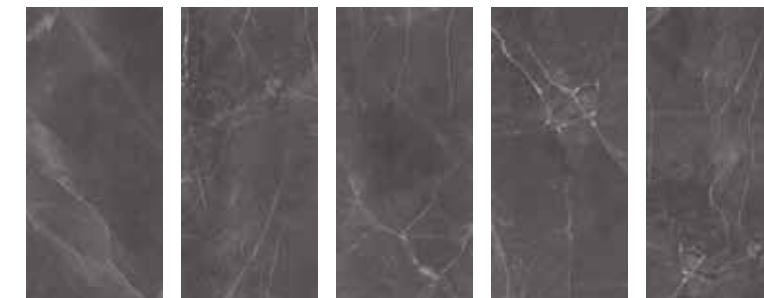
Amani Marble

PORCELAIN TILES

Polished • Rectified • Smooth



amani marble dark grey faces
120x280 cm



amani marble dark grey

Name	Thickness (MM)	Code	Size (CM)
amani marble light grey	9	A82GAMMB-LIG.NOX5P	120x28
amani marble light grey	9	A22GAMMB-LIG.NOX5P	0
amani marble dark grey	9	A82GAMMB-DKG.NOX5P	120x12 020x280

Sizes (cm)	Thickness (mm)	Finishes	M2 X PZ	Kg X PZ	P ZX Pallet	M2 X Pallet	kg X Pallet	P ZX Box Pallet	M2 X Box Pallet	kg X Box Pallet	Pallet Dimentions (cm)		
											Length	Height	Width
120x28	9	Polished	3,3	68.00	20	67.2	1435.00	-	-	-	287	37	133
0	9	Polished	6	31.00	-	-	-	40	57.60	1260	122	122	58
120x12			1,4										
0			4										

Black Beauty



Wall and Floor: Black Beauty

MARBLE

Black Beauty

PORCELAIN TILES

Polished • Rectified • Smooth

Black Beauty



black beauty

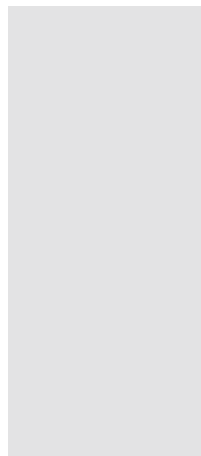
black beauty faces
120x280 cm



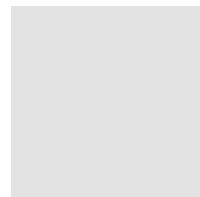
black beauty faces
120x120 cm



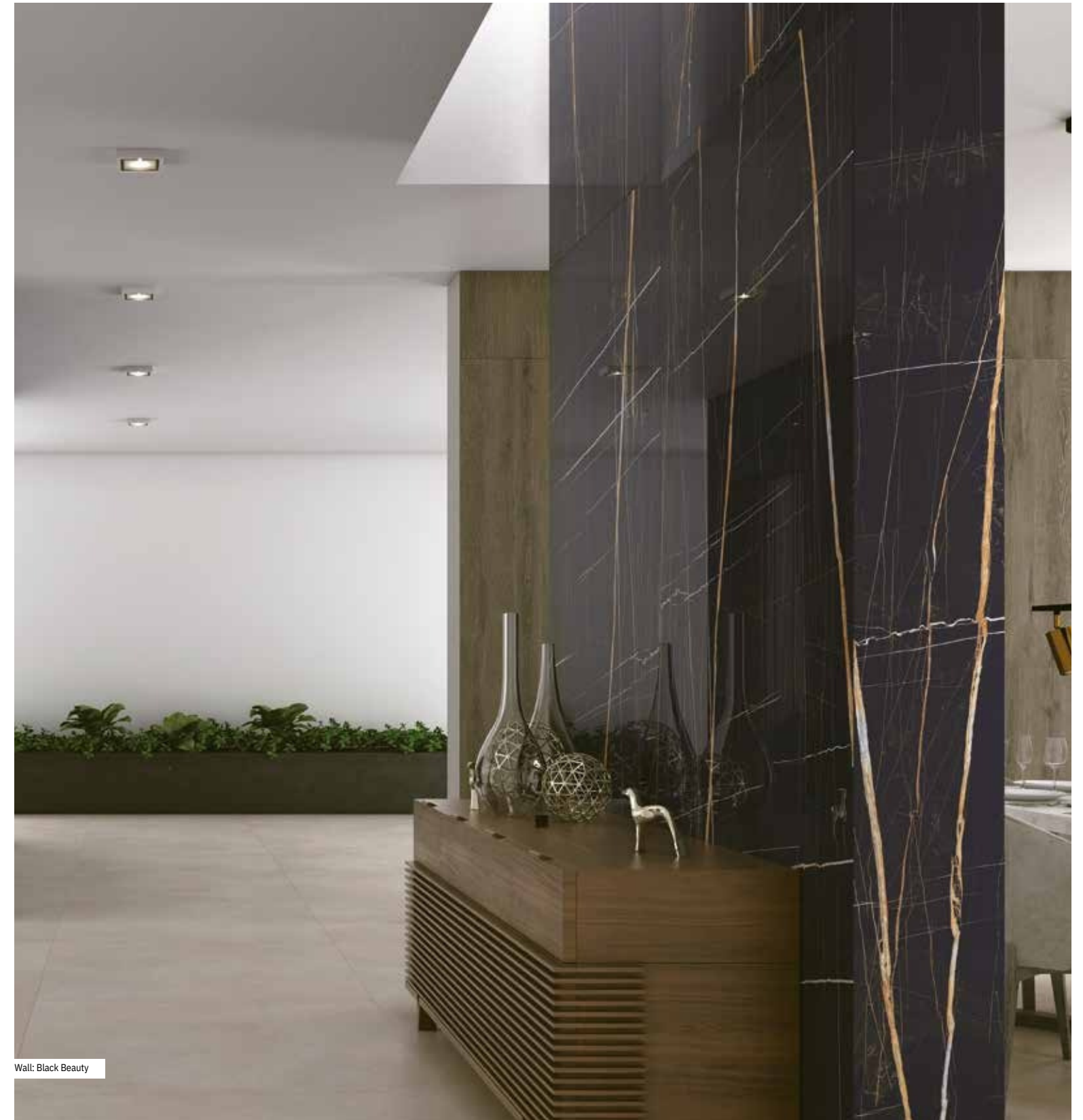
SIZES



120x280 cm
47.2441"x110.236"



120x120 cm
47.2441"x47.2441"



Wall: Black Beauty

Name	Thickness (MM)	Code	Size (CM)
black beauty	9	A82GBBKB-BLK.NOX5P	120x28
	9	A22GBBKB-NEO.NOX5P	120x120

Sizes (cm)	Thickness (mm)	Finishes	M2 X PZ	Kg X PZ	P ZX Pallet	M2 X Pallet	kg X Pallet	P ZX Box Pallet	M2 X Box Pallet	kg X Box Pallet	Pallet Dimentions (cm)		
											Length	Height	Width
120x28	9	Polished	3.3	68.00	20	67.2	1435.00	-	-	-	287	37	133
0	9	Polished	6	31.00	-	-	-	40	57.60	1260	122	122	58
120x120			1.4										
0			4										

Calacatta Africa



Wall: Calacatta Africa White

MARBLE

Calacatta Africa

Calacatta Africa

PORCELAIN TILES

Polished / Matt • Rectified • Smooth

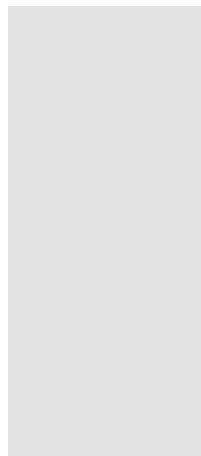


calacatta africa white faces
120x280 cm



calacatta africa white

SIZES



120x280 cm
47.2441" x 110.236"

FINISHES



Polished



Matt



Name	Thickness (MM)	Code (Matt)	Code (Polished)	Size (CM)
calacatta africa white	9	A82GCCAF-WHE.MOX5R	A82GCCAF-WHE.NOX5P	120x280

Sizes (cm)	Thickness (mm)	Finishes	M2 X PZ	Kg X PZ	P ZX Pallet	M2 X Pallet	Kg X Pallet	Pallet Dimentions (cm)		
								Length	Height	Width
120x280	9	Polished / Matt	3.36	68.00	20	67.2	1435.00	287	37	133

Calacatta Gold

8.



Wall and Floor: Calacatta Gold White

MARBLE

Calacatta Gold

PORCELAIN TILES

Polished / Matt • Rectified • Smooth

Calacatta Gold



calacatta gold white

calacatta gold white faces
120x120



FINISHES

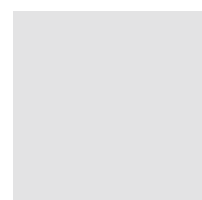


Polished

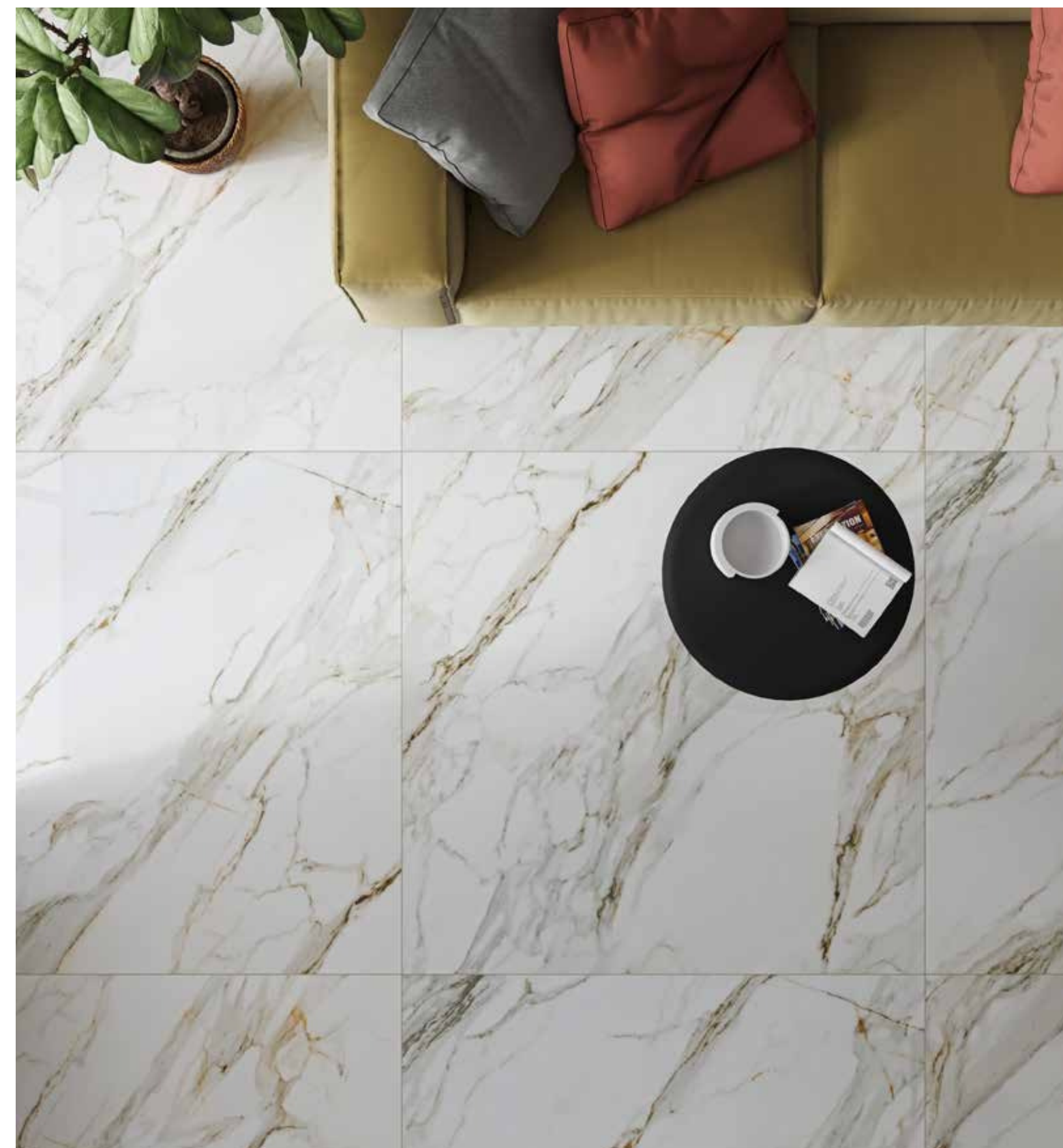


matt

SIZES



120x120 cm
47.2441"x47.2441"



Name	Thickness (MM)	Code (Matt)	Code (Polished)	Size (CM)
calacatta gold white	9	A22GCTGD-WHE.MOX5R	A22GCTAG-WHE.NOX5P	120x120

Sizes (cm)	Thickness (mm)	Finishes	M2 X PZ	Kg X PZ	P ZX Box Pallet	M2 X Box Pallet	kg X Box Pallet	Pallet Dimentions (cm)		
								Length	Height	Width
120x120	9	Polished / Matt	1.44	31.00	40	57.60	1260	122	122	58

Calacatta Imperiale



wall: calacatta imperiale white 120x280 cm
floor: calacatta imperiale white 120x120 cm

MARBLE

Calacatta Imperiale

PORCELAIN TILES

Polished / Honed • Rectified • Smooth

Calacatta Imperiale

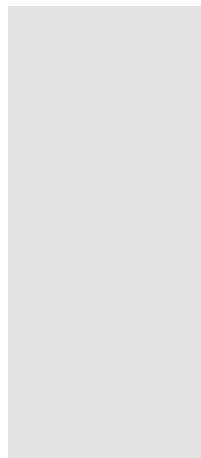


calacatta imperiale white faces
120x280 cm



calacatta imperiale white

SIZES



120x280 cm
47.2441" x 110.236"



FINISHES



Polished



honed



Name	Thickness (MM)	Code (Polished)	Code (Honed)	Size (CM)
calacatta imperiale white	9	A82GCTAI-WHE.N0X5P	A82GCTAI-WHE.00X5P	120x280

Sizes (cm)	Thickness (mm)	Finishes	M2 X PZ	Kg X PZ	P ZX Pallet	M2 X Pallet	Kg X Pallet	Pallet Dimentions (cm)		
								Length	Height	Width
120x280	9	Polished / Honed	3.36	68.00	20	67.2	1435.00	287	37	133

Iceland White



Wall and Floor: Iceland White

MARBLE

Iceland White

PORCELAIN TILES

Polished / Honed • Rectified • Smooth

Iceland White

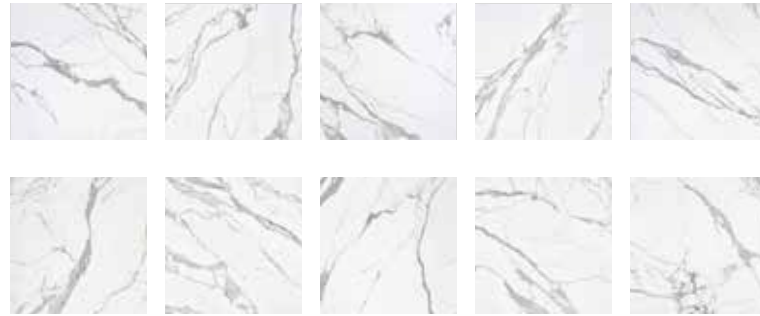


iceland white

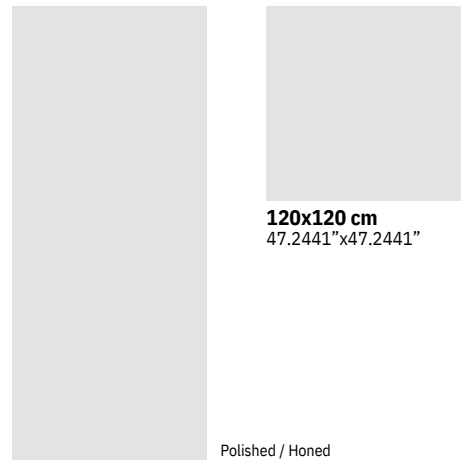
iceland white faces
120x280 cm



iceland white faces
120x120 cm



SIZES



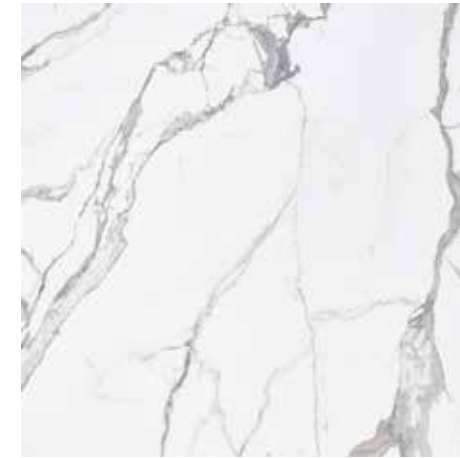
120x120 cm
47.2441"x47.2441"

Polished

120x280 cm
47.2441"x110.236"

Polished / Honed

FINISHES



Polished



honed



Floor: Iceland White

Name	Thickness (MM)	Code (Polished)	Code (Honed)	Size (CM)									
calacatta gold white	9	A82GICMR-WHE.NOX5P	A82GICMR-WHE.OOX5P	120x28									
	9	A22GICMR-WHE.NOX5P	-	0									
				120x12									
				0									
Sizes (cm)	Thickness (mm)	Finishes	M2 X PZ	Kg X PZ	P ZX Pallet	M2 X Pallet	kg X Pallet	P ZX Box Pallet	M2 X Box Pallet	kg X Box Pallet	Pallet Dimentions (cm)		
120x28	9	Polished / Honed	3.3	68.00	20	67.2	1435.00	-	-	-	Length	Height	Width
0	9	Polished / Honed	6	31.00	-	-	-	40	57.60	1260	122	122	58
120x12			1.4										
0			4										

Medicea Marble

glam
BEAUTY SALON



Wall: Medicea Marble White

Medicea Marble

PORCELAIN TILES

Honed / Polished • Rectified • Smooth

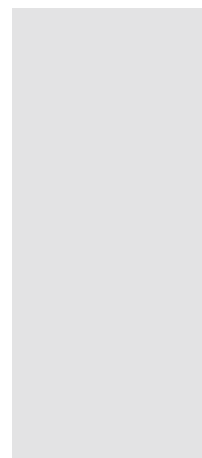


medicea marble white faces
120x280



medicea marble white

SIZES

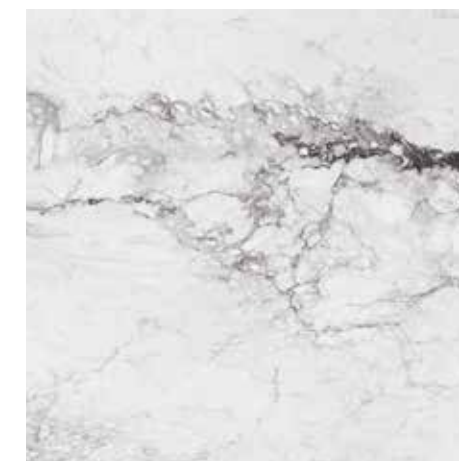


120x280 cm
47.2441" x 110.236"

FINISHES



Polished



honed



Name	Thickness (MM)	Code (Honed)	Code (Polished)	Size (CM)
medicea marble white	9	A82GMDMB-WHE.00X5P	A82GMDMB-WHE.N0X5P	120x280

Sizes (cm)	Thickness (mm)	Finishes	M2 X PZ	Kg X PZ	P ZX Pallet	M2 X Pallet	kg X Pallet	Pallet Dimentions (cm)		
								Length	Height	Width
120x280	9	Polished / Honed	3.36	68.00	20	67.2	1435.00	287	37	133

Onyx Canvas



Wall: Onyx Canvas Black

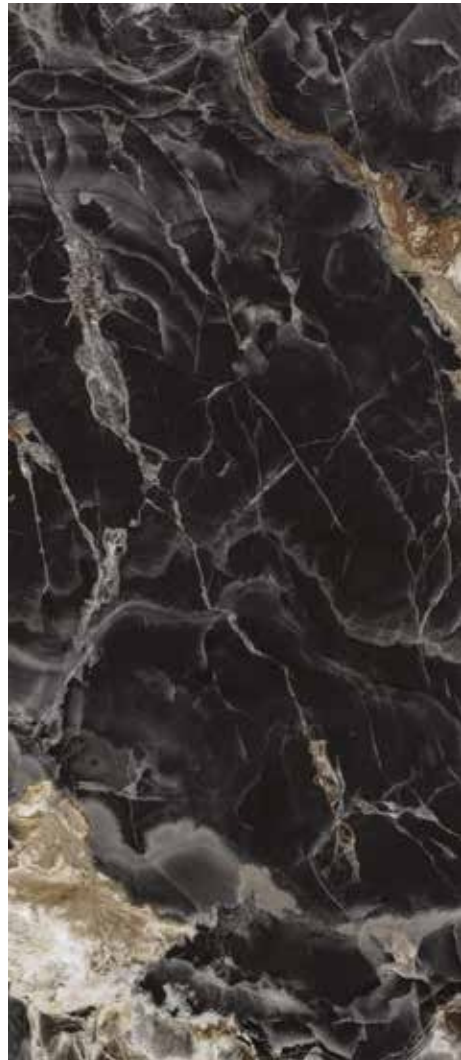
MARBLE

Onyx Canvas

PORCELAIN TILES

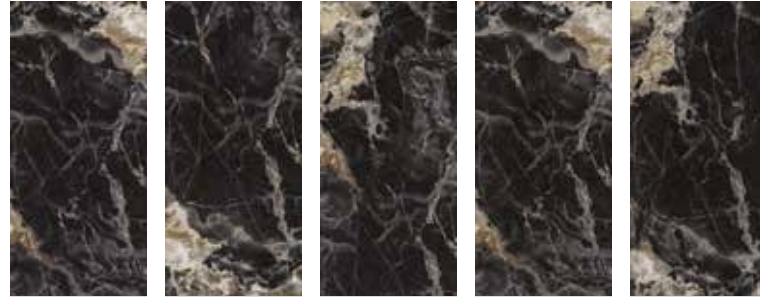
Polished • Rectified • Smooth

Onyx Canvas

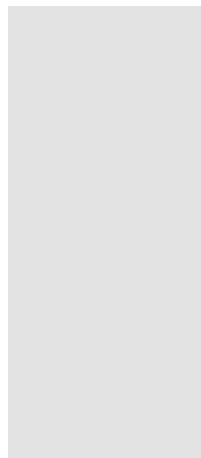


onyx canvas black

onyx canvas black faces
120x280



SIZES



120x280 cm
47.2441" x 110.236"



Name	Thickness (MM)	Code	Size (CM)
onyx canvas black	9	A82GDKOX-BLK.NOX5P	120X280

Sizes (cm)	Thickness (mm)	Finishes	M2 X PZ	Kg X PZ	P ZX Pallet	M2 X Pallet	kg X Pallet	Pallet Dimentions (cm)		
								Length	Height	Width
120x280	9	Polished	3.36	68.00	20	67.2	1435.00	287	37	133

Rain Marble



Wall: Rain Marble White

Marble

Rain Marble

PORCELAIN TILES

Polished • Rectified • Smooth

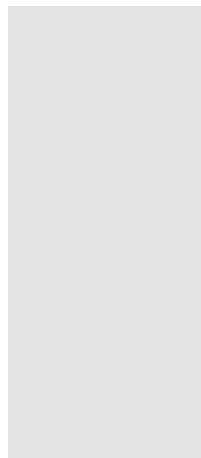


rain marble white open book effect (face A)



rain marble white open book effect (face B)

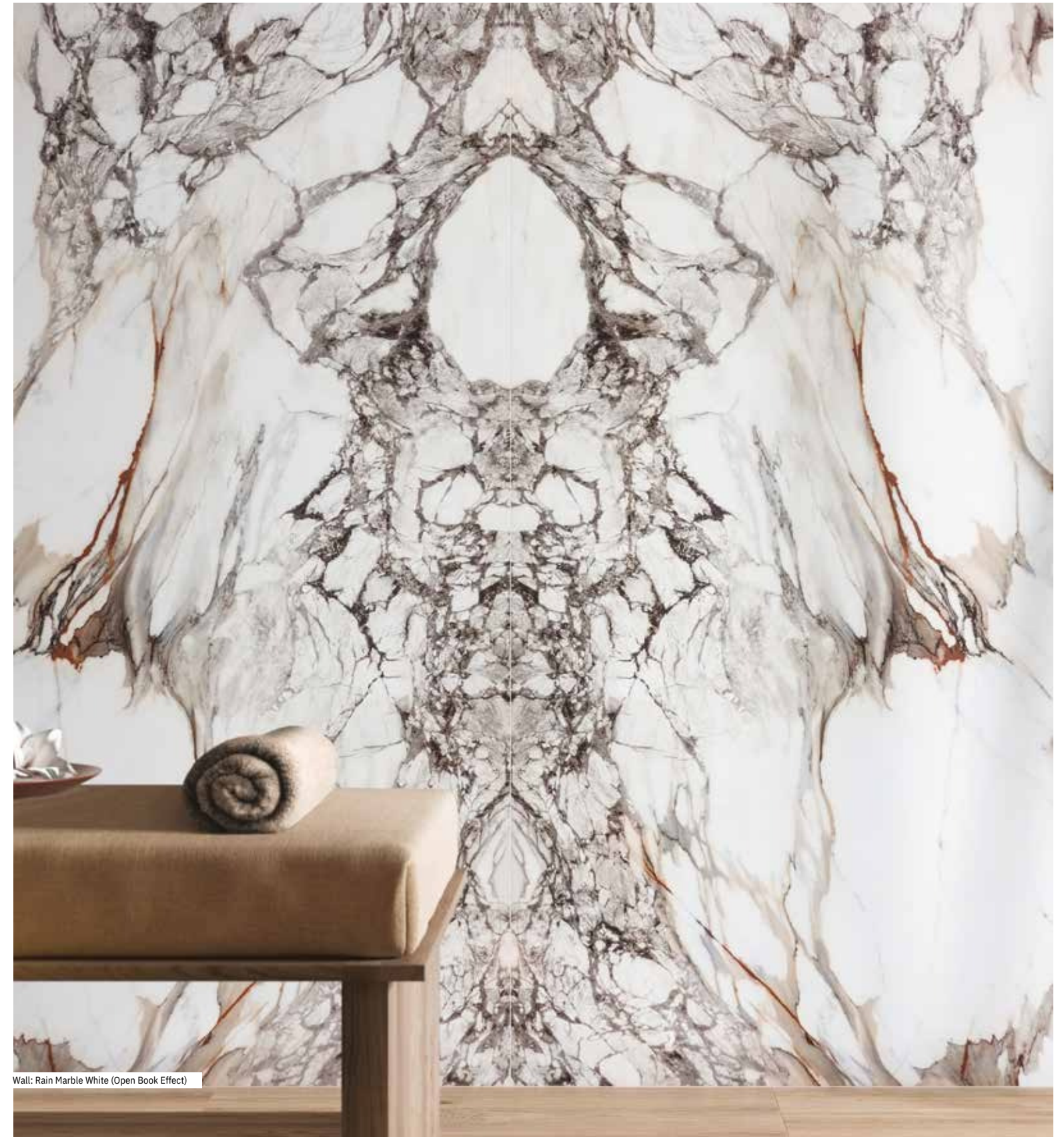
SIZES



120x280 cm
47.2441" x 110.236"



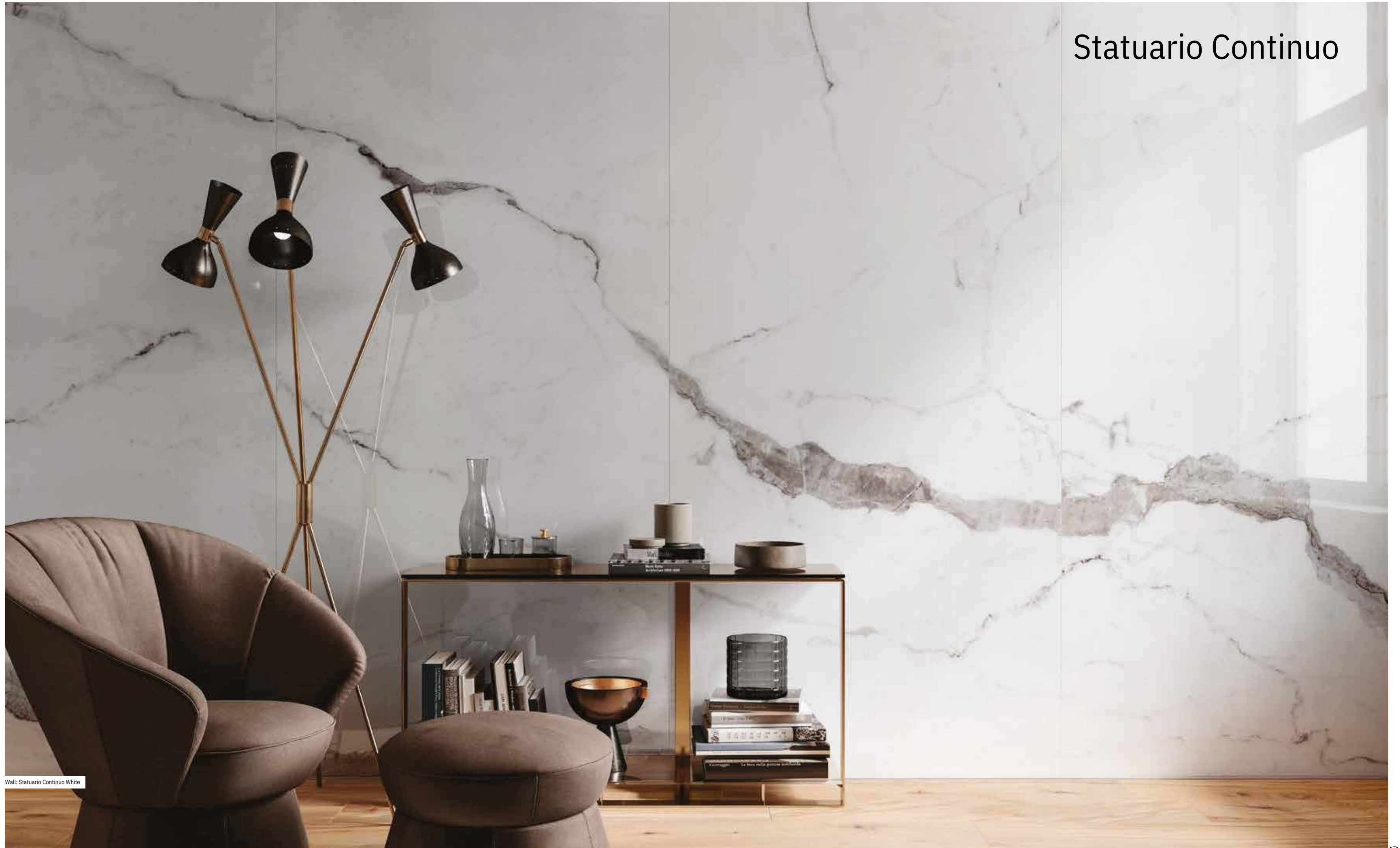
Rain Marble



Wall: Rain Marble White (Open Book Effect)

Name	Thickness (MM)	Code	Size (CM)	Pallet Dimentions (cm)							
				Length	Height	Width	M2 X Pallet	Kg X Pallet	P Z X Pallet	M2 X Pallet	
rain marble white	9	A82GRANM-WHE.N0B5P	120x28	287	37	133	3.36	68.00	20	67.2	1435.00
	9	A82GRANM-WHE.N0A5P	120x28								

Statuario Continuo



Wall: Statuario Continuo White

Marble

Statuario Continuo

PORCELAIN TILES

Polished • Rectified • Smooth

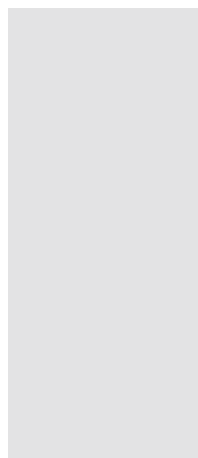


statuario continuo white

statuario continuo white faces
(continues) 120x280



SIZES



120x280 cm
47.2441" x 110.236"



Statuario Continuo



Wall: Statuario Continuo White

Name	Thickness (MM)	Code	Size (CM)							
statuario continuo white	9	A82GSTCO-	120X28							
	9	WHE.N0D5P	0							
	9	A82GSTCO-	120X28							
	9	WHE.N0C5P	0							
		A82GSTCO-	120X28							
		WHE.N0B5P	0							
		A82GSTCO-	120X28							
		WHE.N0D5P	0							
Sizes (cm)	Thickness (mm)	Finishes	M2 X PZ	Kg X PZ	M2 X Pallet	Kg X Pallet	Pallet Dimentions (cm)			
120x280	9	Polished	3.36	68.00	20	67.2	1435.00	Length	Height	Width
								287	37	133

Sunset Marble



wall and floor: sunset marble white

MARBLE

Sunset Marble

PORCELAIN TILES

Polished / Honed • Rectified • Smooth

Sunset Marble

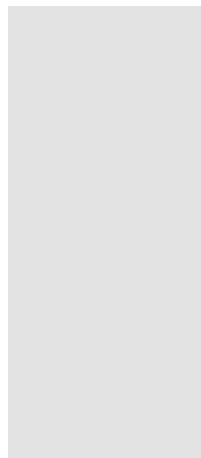


sunset marble white
faces 120x280 cm



sunset marble white

SIZES



120x280 cm
47.2441" x 110.236"

FINISHES



Polished



honed



Floor: Iceland White

Name	Thickness (MM)	Code (Polished)	Code (Honed)	Size (CM)
sunset marble white	9	A82GSUM-WHE.NOX5P	A82GSUM-WHE.OOX5P	120x280

Sizes (cm)	Thickness (mm)	Finishes	M2 X PZ	Kg X PZ	P ZX Pallet	M2 X Pallet	kg X Pallet	Pallet Dimentions (cm)		
								Length	Height	Width
120x280	9	Polished / Honed	3.36	68.00	20	67.2	1435.00	287	37	133

Oslo Concrete



Wall: Oslo Concrete Grey

CONCRETE

Oslo Concrete

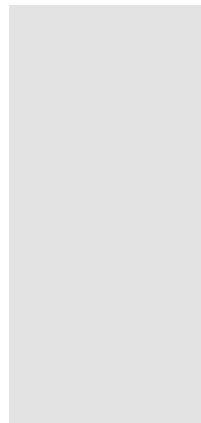
PORCELAIN TILES

Matt • Rectified • Smooth



oslo concrete grey

SIZES



120x260 cm
47.2441" x 102.362"

Oslo Concrete



Nome	Size (MM)	Code	Size (CM)
oslo concrete grey	6	A62GOSCR-GRY.M0X6R	120x260

Sizes (cm)	Thickness (mm)	Finishes	M2 X PZ	Kg X PZ	P Z X Pallet	M2 X Pallet	Kg X Pallet	Pallet Dimentions (cm)		
								Length	Height	Width
120x260	6	Matt	3.12	44.00	20	62.4	960.00	267	33.5	133

SURFACE XL



Wall and Floor: Surface XL off white
Counters: Surface XL Cool Grey

CONCRETE

SURFACE XL

PORCELAIN TILES

Matt • Rectified • Smooth

SURFACE XL

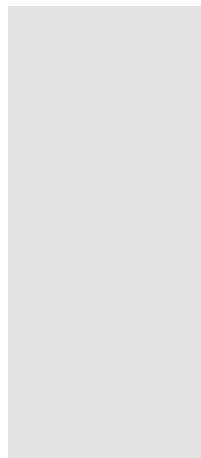


surface xl off white



surface xl cool grey

SIZES



120x280 cm
47.2441" x 110.236"



Facade: Surface XL Cool Grey

Name	Size (MM)	Code	Size (CM)
surface xl off white	9	A82GZSFX-	120x28
surface xl cool grey	9	OWH.MOX5R	0
		A82GZSFX-CGY.MOX5R	120x28
			0

Sizes (cm)	Thickness (mm)	Finishes	M2 X PZ	Kg X PZ	P Z X Pallet	M2 X Pallet	kg X Pallet	Pallet Dimensions (cm)		
								Length	Height	Width
120x280	9	Matt	3.36	68.00	20	67.2	1435.00	287	37	133



Floor and Furniture: Uni Hyper White

OTHERS

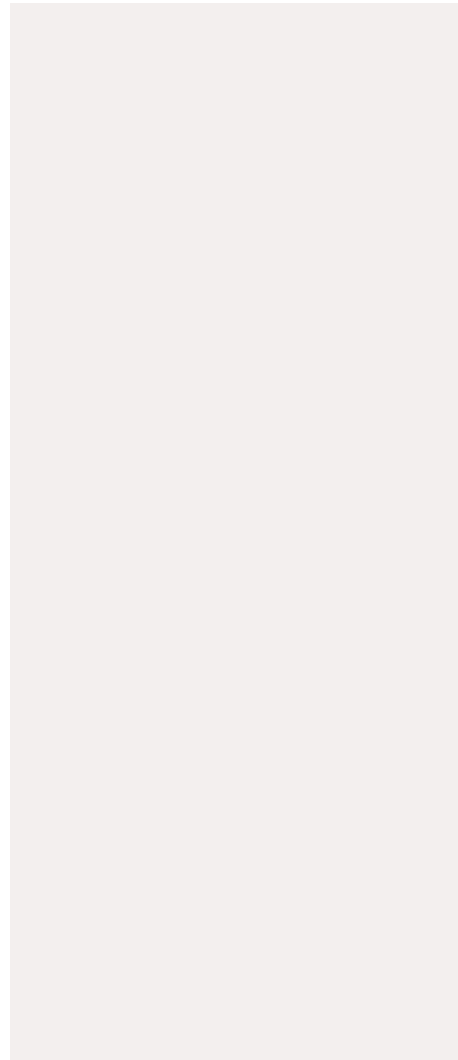
Uni

PORCELAIN TILES

Polished / Satin • Rectified • Smooth

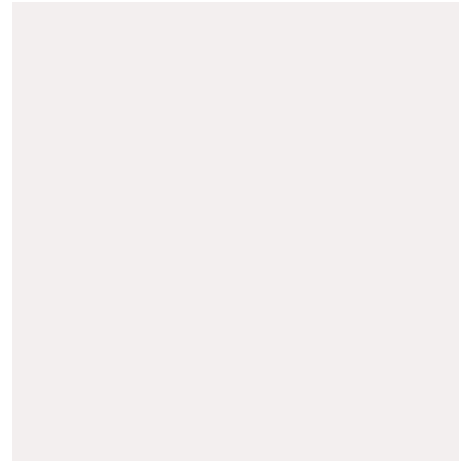
MAXIMUS
MEGA SLAB

Uni

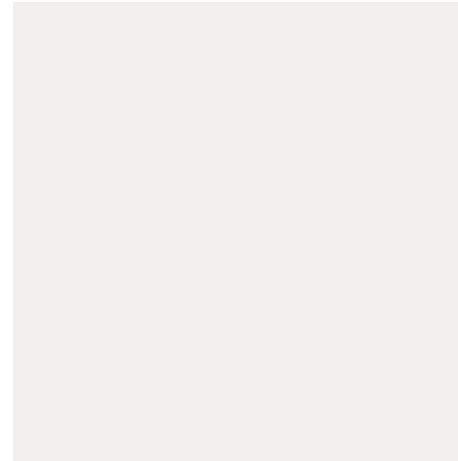


uni hyper white

FINISHES

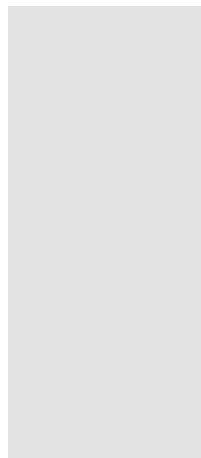


Polished

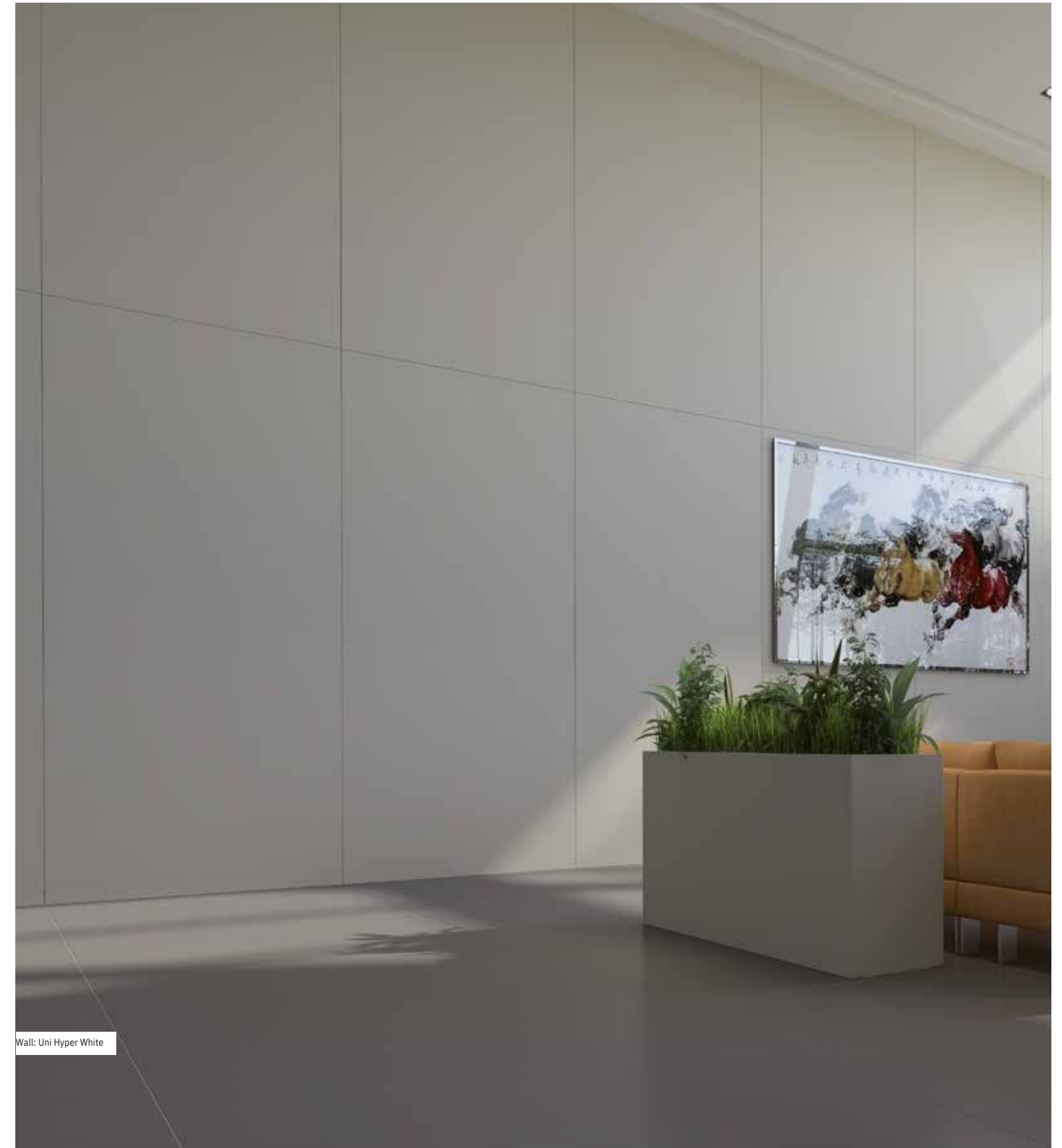


Satin

SIZES



120x280 cm
47.2441" x 110.236"



Wall: Uni Hyper White

Name	Thickness (MM)	Code (Satin)	Code (Polished)	Size (CM)
uni hyper white	9	A82GMAXI-HWH.S0X5R	A82GMAXI-HWH.X0X5P	120x280

Sizes (cm)	Thickness (mm)	Finishes	M2 X PZ	Kg X PZ	P ZX Pallet	M2 X Pallet	kg X Pallet	Pallet Dimentions (cm)		
								Length	Height	Width
120x280	9	Polished / Satin	3.36	68.00	20	67.2	1435.00	287	37	133

TECHNICAL MANUAL

Technical specifications - Porcelain Tiles (Matt, Polished, Honed)

TEST DESCRIPTION	STANDARD TEST METHOD	STANDARD REQUIREMENTS	RAK CERAMICS SPECIFICATION	
			9 MM THICKNESS (120x280, 120x120 CM)	6 MM THICKNESS (120x260)
Surface Quality	BS EN ISO 10545-2	A minimum of 95% of the tiles are to be free from visible defects	Minimum of 95% of the tiles are free from visible defects	
Length & Width	BS EN ISO 10545-2	± 1.0mm	± 1.0mm± 1.0mm	
Thickness	BS EN ISO 10545-2	± 0.5mm	± 0.5mm	± 0.5mm
Straightness Of Sides	BS EN ISO 10545-2	± 0.8mm	± 0.8mm	± 0.8mm
Rectangularity	BS EN ISO 10545-2	± 1.5mm	± 1.2mm	± 1.2mm
Surface Flatness: Centre Curvature	BS EN ISO 10545-2	± 1.8mm	± 1.8mm	± 1.8mm
Surface Flatness: Edge Curvature	BS EN ISO 10545-2	± 1.8mm	± 1.5mm	± 1.5mm
Surface Flatness: Warpage	BS EN ISO 10545-2	± 1.8mm	± 1.5mm	± 1.5mm
Water Absorption	BS EN ISO 10545-3	≤ 0.5%	≤ 0.4%	≤ 0.4%
Breaking Strength*	BS EN ISO 10545-4	≥ 1300 N ≥ 700 N	≥ 1500 N -	- ≥ 700 N
Modulus Of Rupture*	BS EN ISO 10545-4	≥ 35 N/mm2	≥ 35 N/mm2	≥ 35 N/mm2
Resistance To Surface Abrasion	BS EN ISO 10545-7	Report abrasion class	PEI CLASS 2-5	PEI CLASS 2-5
Coefficient Of Linear Thermal Expansion	BS EN ISO 10545-8	Test method available	≤ 7 X 10-6/oC	≤ 7 X 10-6/oC
Resistance To Thermal Shock	BS EN ISO 10545-9	Test method available	No visible defect	No visible defect
Crazing Resistance	BS EN ISO 10545-11	Required	No crazing	No crazing
Frost Resistance	BS EN ISO 10545-12	Required	No visible damage	No visible damage
Resistance To Household Chemicals & Swimming Pool Salts	BS EN ISO 10545-13	Minimum B	Class A No visible effect	Class A No visible effect
Resistance To Low Concentrations Acids & Alkalis	BE EN ISO 10545-13	Manufacturer to state classification	Class LA No visible effect	Class LA No visible effect
Resistance To Staining	BS EN ISO 10545-14	Minimum class 3	Min. Class 4 Stains removed	Min. Class 4 Stains removed

Note: This technical specifications are applicable only to tiles in choice "A". * Test performed using 100X100 cm cut pieces from the slab. * Thickness is nominal

Packaging details

120x280 CM

FINISH	THICKNESS (mm)	TILE SIZE (cm)	TILE AREA (sqm)	KG per pc	PCS per pallet	TILE AREA per pallet (sqm)	WEIGHT per pallet (kg)	PALLET DIMENTIONS (cm)		
								LENGTH	HEIGHT	WIDTH
Polished / Natural / Honed	9	120x280	3.36	68	20	67.2	1435.00	287	37	133

120x260 CM

FINISH	THICKNESS (mm)	TILE SIZE (cm)	TILE AREA (sqm)	KG per pc	PCS per pallet	TILE AREA per pallet (sqm)	WEIGHT per pallet (kg)	PALLET DIMENTIONS (cm)		
								LENGTH	HEIGHT	WIDTH
Polished / Natural / Honed	6	120x260	3.12	44.00	20	62.4	1000.00	267	33.50	133

120x120 CM

FINISH	THICKNESS (mm)	TILE SIZE (cm)	TILE AREA (sqm)	PCS per box	TILE AREA per box (sqm)	WEIGHT per box (kg)	BOX per pallet	TILE AREA per pallet (sqm)	WEIGHT per pallet (kg)	PALLET DIMENTIONS (cm)		
										LENGTH	HEIGHT	WIDTH
Polished / Natural / Honed	9	120x120	1.44	2	2.88	62.00	28	80.64	1766.00	122	76	134
Polished / Natural / Honed	9	120x120	1.44	2	2.88	62.00	20	57.60	1260.00	122	122	58

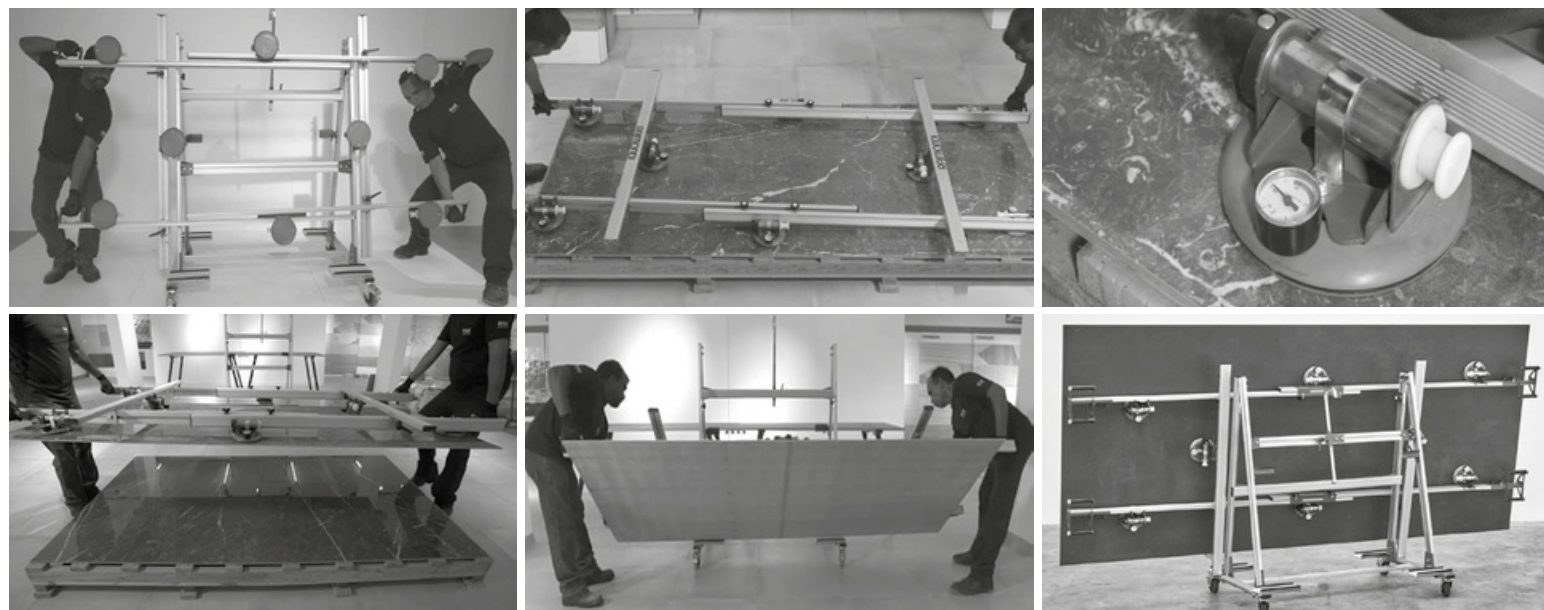
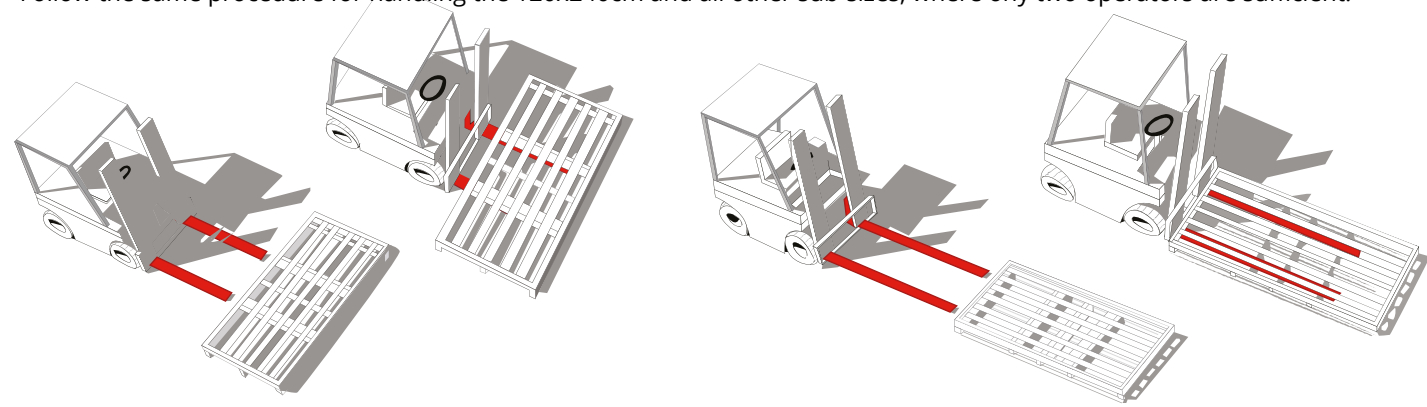
Polished / Natural / Honed

Suggested equipment

HANDLING EQUIPMENT	CUTTING AND DRILLING EQUIPMENT	INSTALLATION AND LEVELLING EQUIPMENT	CLEANING AND MAINTENANCE
Aluminum Parallel profile with crossbars and Suction Vacuum suction cups with vacuum gauge	Compass device with suction cups for Circular Cuts	Compact Vibrator or Tile Beater	Brooms
Tile Cart Trolley	Free cut guide with complete outfit Max. Cut of length – 156 cm	RLS 3D Clips for tiles	Floats with abrasive pads
Double Suction Cups	Free Cut Extension	Wedges (for Anti-Chipping / Anti-Scratching preventing platforms)	
Modular Work Bench BM180	Cutting off pliers for tile/slabs	Adjustable pliers for wall and floor covering	
Modular Work Bench BM180 BM180 Plus (Perfect Workstation for large format tiles up to 160cm width)	Diamond polishing pad	Low-speed mixer	
	Diamond for edge and side polishing	Rubber Grout floats	
	Diamond Blades for simultaneous cutting and grooving	Slant ridge notched trowel	
		Diamond for edge and side polishing	

Handling Maximus

- Maximus extra-large format slabs arrive in oversized crates, which require specific Handling equipment to prevent from damage occurring during forklift operation, specific fork sizes must be used. For example, to handle a crate of 135cm x 305cm tiles from the side, 112cm/ 44" long forks are recommended.
 - To handle the same crate from the narrow end requires forks that are at least 213cm/ 84" long. Lifting multiple crates with longer forks may
 - require forklifts with a greater lift capacity.
 - Specialized tools and equipment are currently available for the handling, installation and cutting of large porcelain surfaces.
 - Innovative
 - trowels with unique notch configurations can help increase the consistency of the mortar coverage on the back of the tile.
 - To increase rigidity and limit twisting, use a system composed of parallel and transverse guides.
 - For a perfect adhesion clean the slab and the suckers with a damp sponge.
 - The suckers run along the guides and adhere to the slab. Make sure that a vacuum is created between the device and the surface.
 - A single guide device can be used for sizes of maximum length.
 - Use four operators at a time to carry out handling operations of large size slabs.
 - Lift the slab along the long side and hang it vertically to the handles of the frame.
 - For the large size slab a suitably reinforced trolley is recommended. Set the guides to the trolley for carrying the slab.
- Follow the same procedure for handling the 120x240cm and all other sub-sizes, where only two operators are sufficient.



Cut-to-pieces and drilling

- RAK Ceramics recommends the use of special designed devices for handling as well as cutting and laying of big slabs.
- Handle slab with a proper and professional trolley of aluminum parallel profile with crossbars and vacuum suction cups along with a vacuum gauge. Please use double suction cups for slabs above 300cm. This could make sure that appropriate vacuum is created between the device and the slab. Lift the slab and keep it vertically to the trolley frame.
- Keep the slab on a stable, flat and intractable surface. For successful cutting and drilling, RAK Ceramic recommend using a professional modular workbench with aluminum profiles and proper cutting tools for each type of cut.
- Set the cutting unit on the tile so that the references coincide with the marked lines and lock it with the appropriate suckers. Score the slab from one edge to the other, being carefully maintaining the same pressure while moving.
- When the cut has been made, move the slab until the slit line sticks out a 10 to 15 cm from the workbench. Start hew from both sides using appropriate cutting-off pliers and follow the scoring line to complete the hew. Smooth rough edges and sides with an appropriate diamond polishing pad.
- To drill internal cutouts from the slab, first you need to draw the guide lines. For circular cuts, use the compass device with suction cups. For rectangular cut, drill first a 5 - 7 mm hole at the corners of the rectangle shape, using a non-percussion drill. For a better drilling always, keep the surface and drill a little bit wet. Then Follow the drilled lines using a diamond-blade angle grinder and then finish off the edges with a diamond-polishing pad. Round holes (4) must be made in wet drilling, using diamond-blades. Start engraving the surface with a 75 degrees point angle, then straighten out the drill avoiding excessive pressure on the slab. Also, in this case finish with a diamond-polishing pad.
- Manual traction devices are available, in order to make a finishing cut at 45° and thus enable special applications of the material.





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