





Application

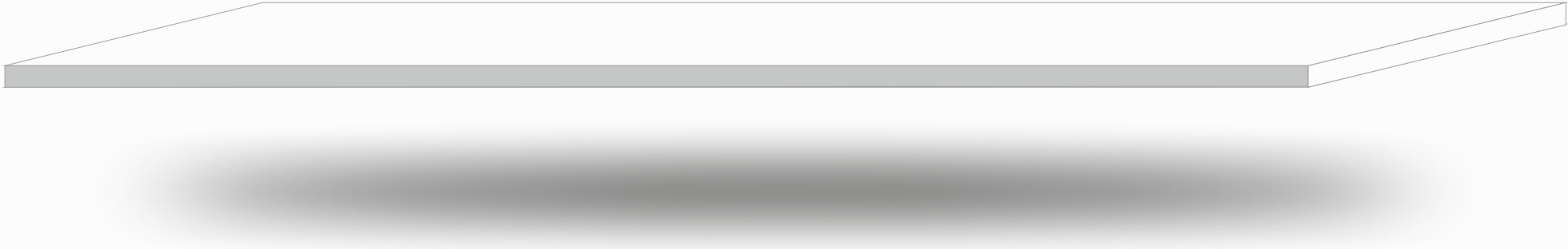
As we know that our collection is widely used in different application areas, it's our priority that all the qualities are matched before it finally used.

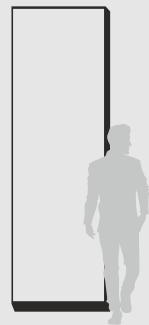
- 
RESIDENTIAL
- 
MALLS
- 
OFFICE
- 
PUBLIC SPACES
- 
RESTAURANT
- 
HOTELS
- 
AIRPORTS
- 
TRAIN STATION

Properties

These collections are versatile and durable in design that can be used in a wide range of different application areas.

- 
FROST
RESISTANCE
- 
RESISTANCE
TO FIRE
- 
FLEXURAL
STRENGTH
- 
CHEMICAL
RESISTANCE
- 
WATERPROOF
SURFACE
- 
WEAR
RESISTANCE
- 
FLEXIBLE
STRENGTH
- 
LIGHT
WEIGHT





→ ←
15mm
800x3200MM

MARBLE+

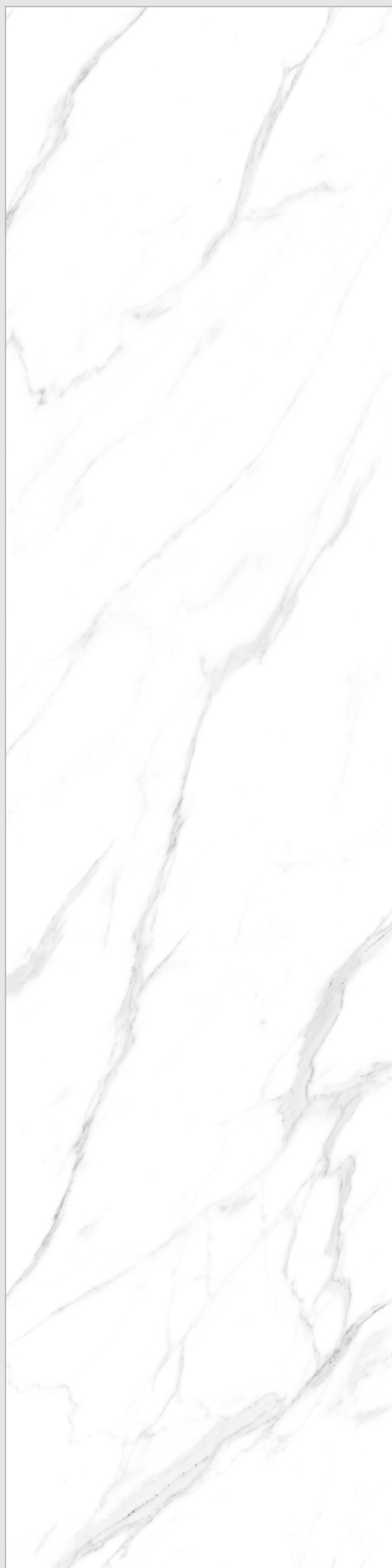
DIAMOND GOLD

GLOSSY SURFACE
15MM THICKNESS



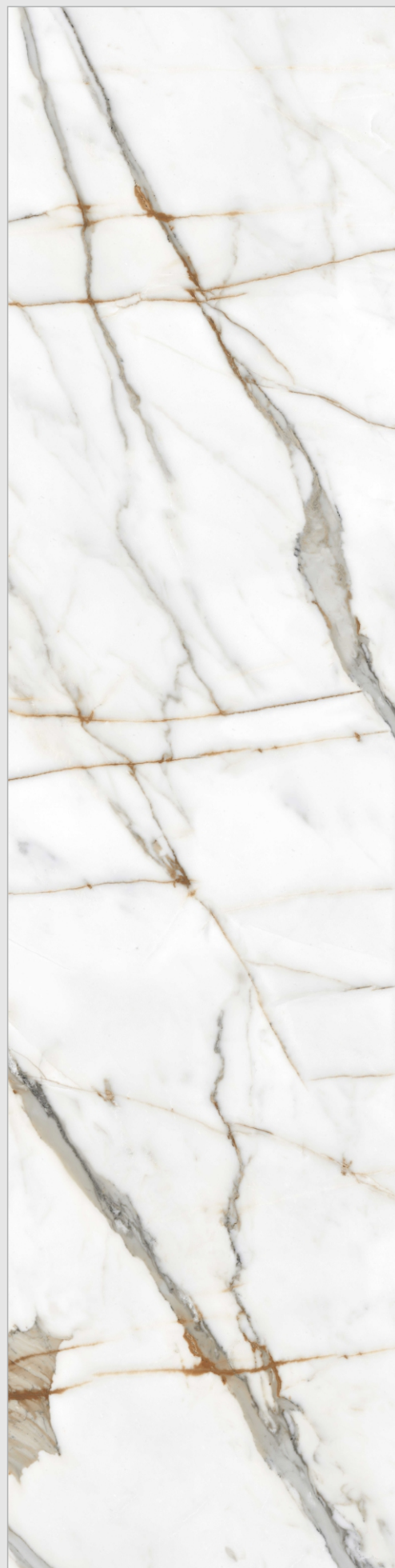
ROMANO

GLOSSY SURFACE
15MM THICKNESS



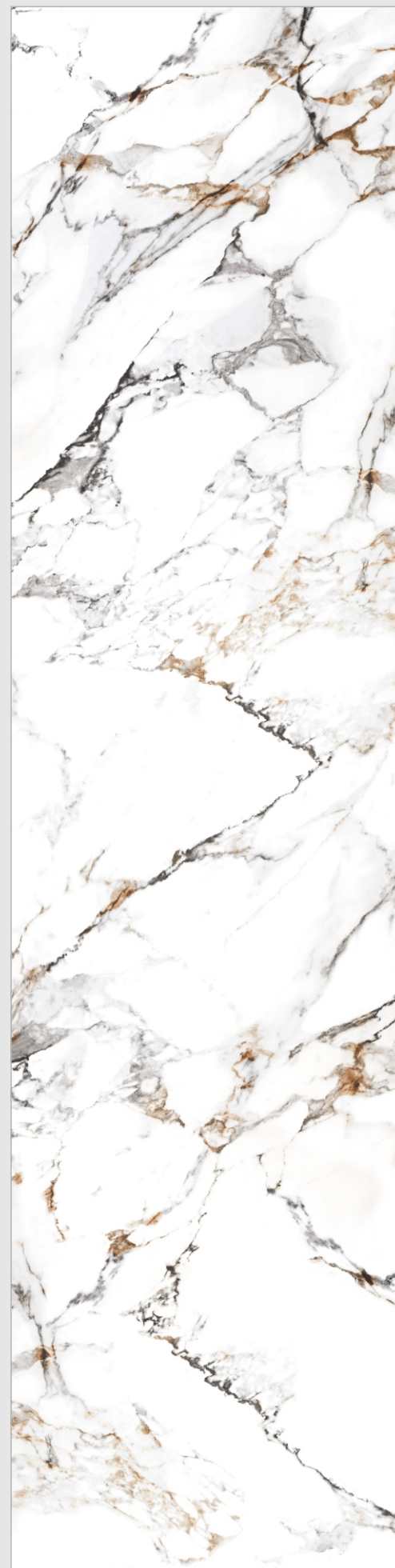
ASTRA WHITE

GLOSSY SURFACE
15MM THICKNESS



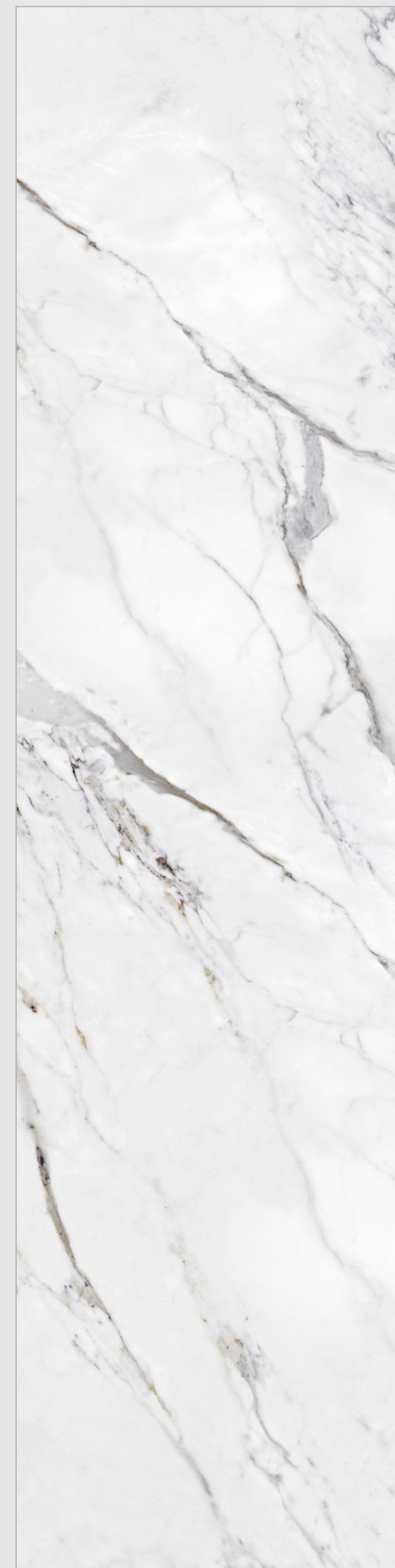
ARABESCATO GOLD

GLOSSY SURFACE
15MM THICKNESS



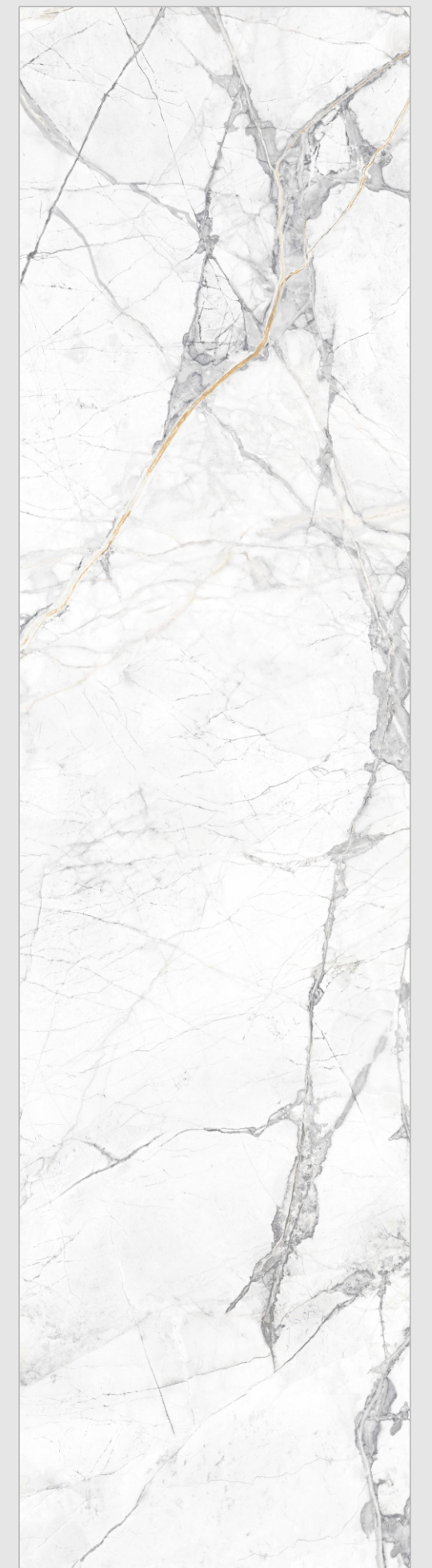
NATURAL CALACATTA

GLOSSY SURFACE
15MM THICKNESS



NORWELL STATUARIO

GLOSSY SURFACE
15MM THICKNESS



Italian Technology



FLEXIBLE BODY



→ ←
15mm
800x3200MM

MARBLE+

CARRARA ULTIMO

GLOSSY SURFACE
15MM THICKNESS



CALACATTA BIANCO

GLOSSY SURFACE
15MM THICKNESS



SCREPOLATO NERO

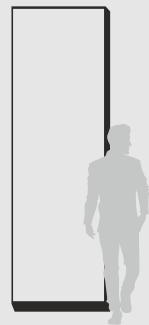
GLOSSY SURFACE
15MM THICKNESS



Italian Technology



FLEXIBLE BODY



→ ←
15mm
800x3200MM

MARBLE+

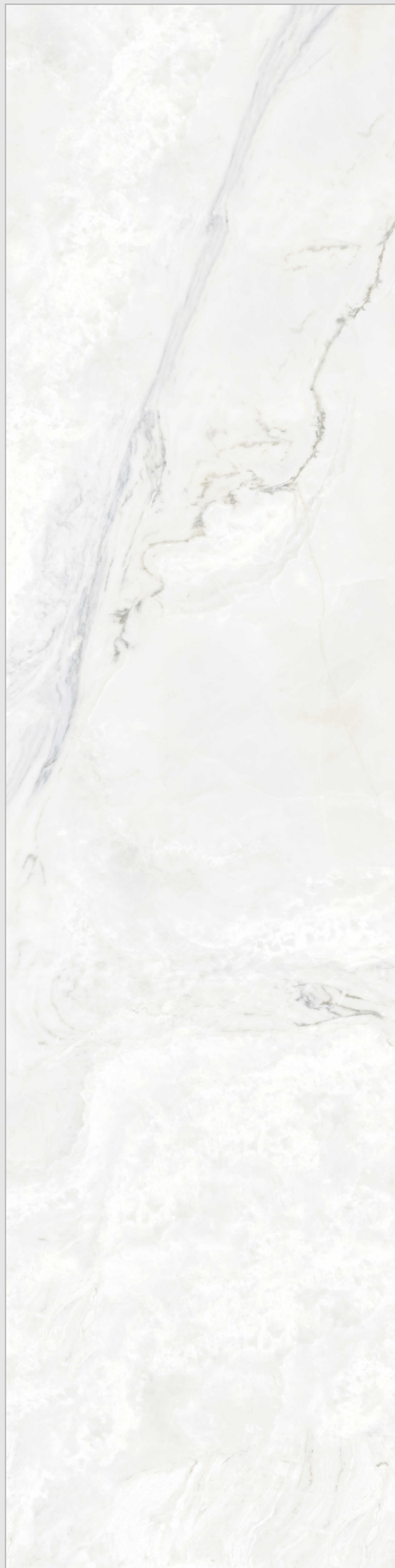
CALACATTA LUX

GLOSSY SURFACE
15MM THICKNESS



PARADISE WHITE

GLOSSY SURFACE
15MM THICKNESS



STATUARIO VENATO

GLOSSY SURFACE
15MM THICKNESS



STATUARIO ROYAL

GLOSSY SURFACE
15MM THICKNESS



AQUA ONYX

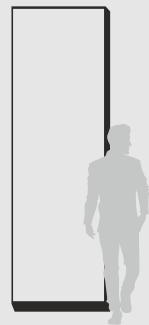
GLOSSY SURFACE
15MM THICKNESS



VERDE ONYX

GLOSSY SURFACE
15MM THICKNESS



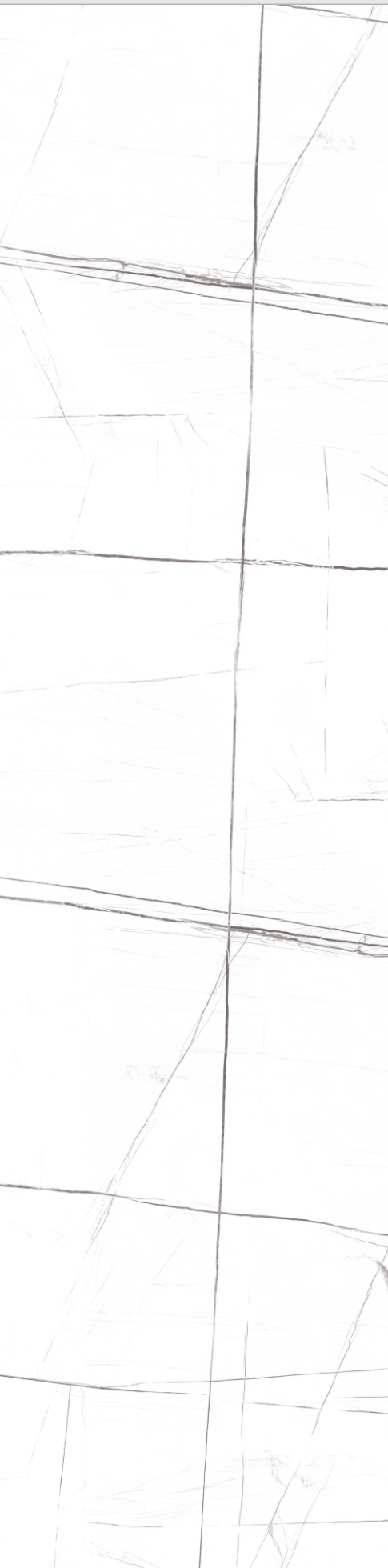


→ ←
15mm
800x3200MM

M A R B L E +

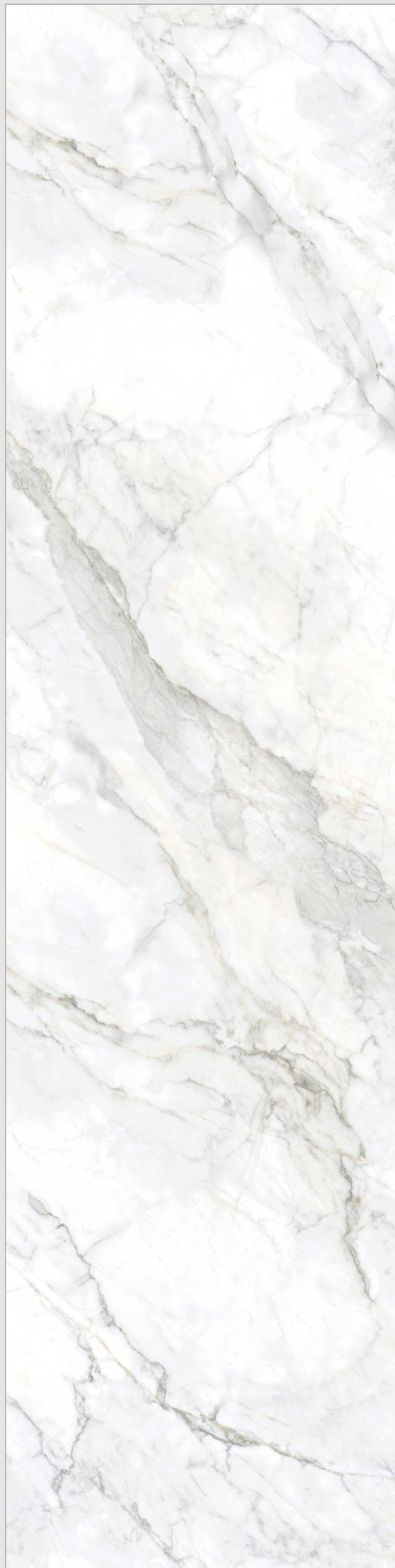
BLACK SPIDER

GLOSSY SURFACE
15MM THICKNESS



CALACATTA ROYAL

GLOSSY SURFACE
15MM THICKNESS



BRAZILIAN

GLOSSY SURFACE
15MM THICKNESS



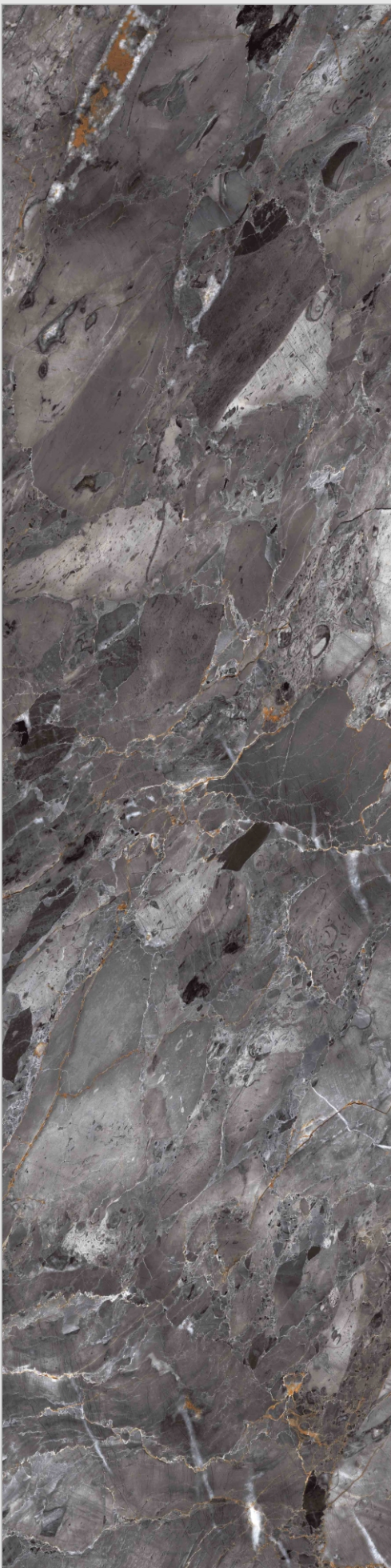
GOLDEN WAVE

GLOSSY SURFACE
15MM THICKNESS



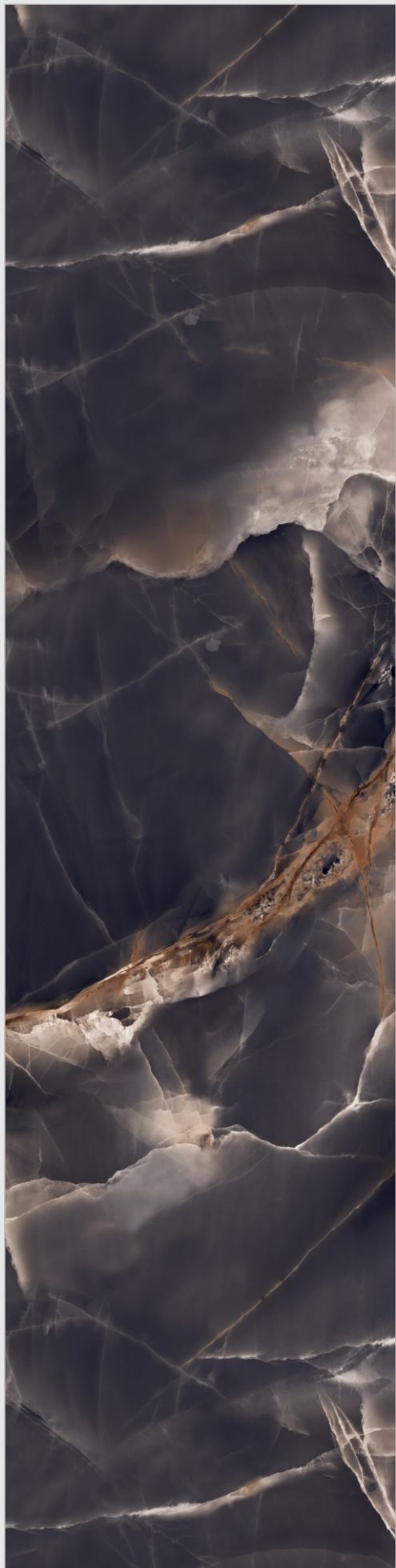
FANTASY GREY

GLOSSY SURFACE
15MM THICKNESS



ROYAL ONYX GREY

GLOSSY SURFACE
15MM THICKNESS





→ ←
15mm
800x3200MM

MARBLE+

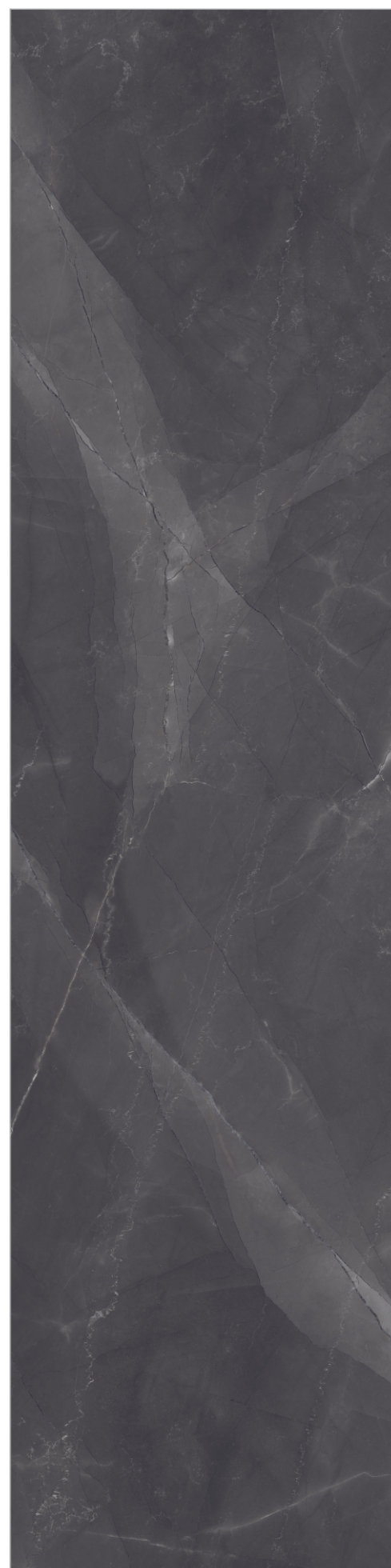
ARMANI GREY

GLOSSY SURFACE
15MM THICKNESS



ARMANI GRIGIO

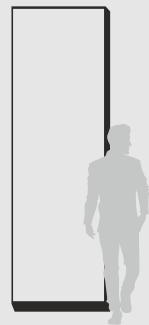
GLOSSY SURFACE
15MM THICKNESS



Italian Technology



FLEXIBLE BODY



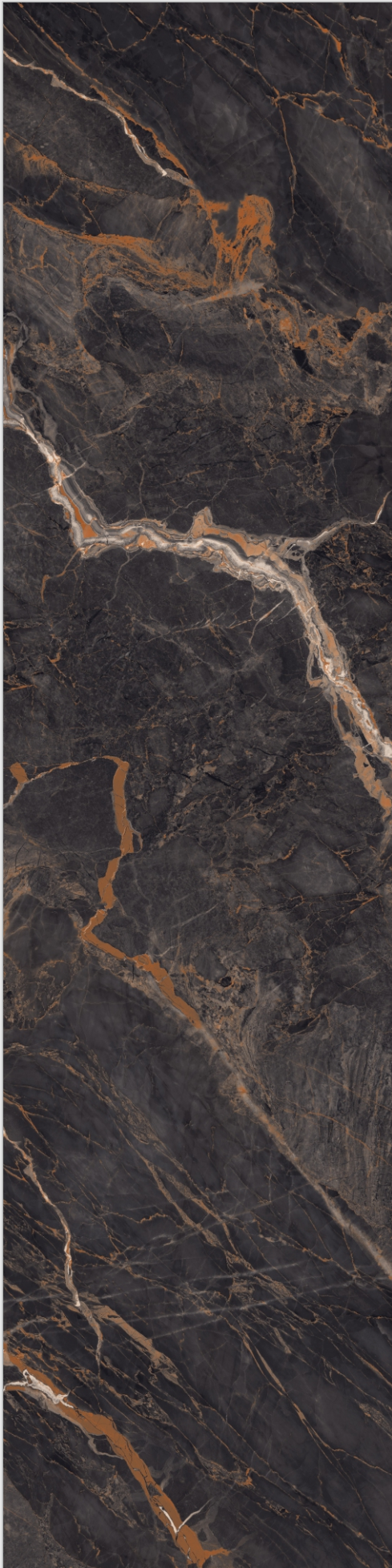
→ ←
15mm
800x3200MM

MARBLE+

PIETRA GREY
GLOSSY SURFACE
15MM THICKNESS



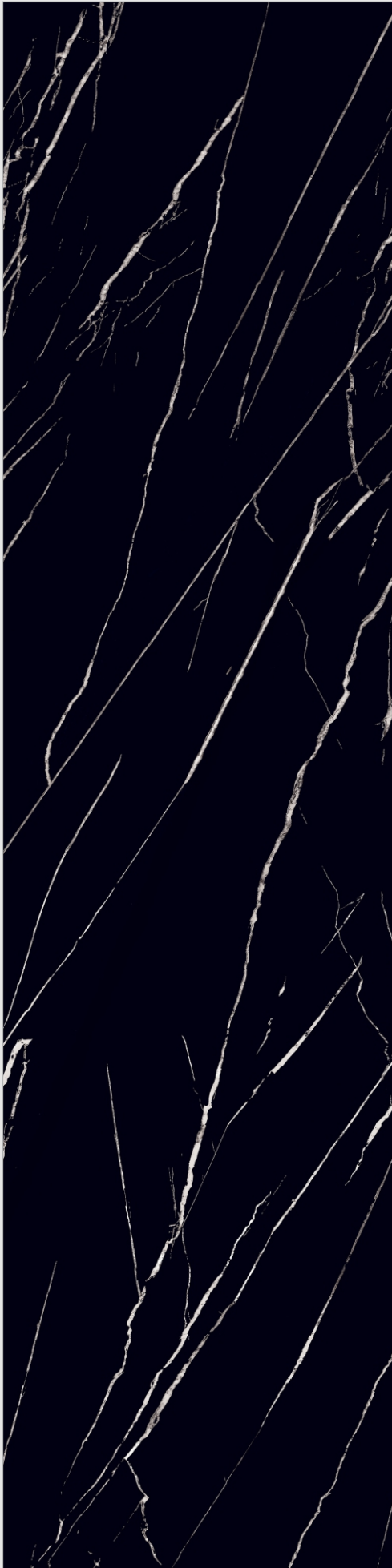
NIOR DESIR
GLOSSY SURFACE
15MM THICKNESS



MARQUINA GOLD
GLOSSY SURFACE
15MM THICKNESS



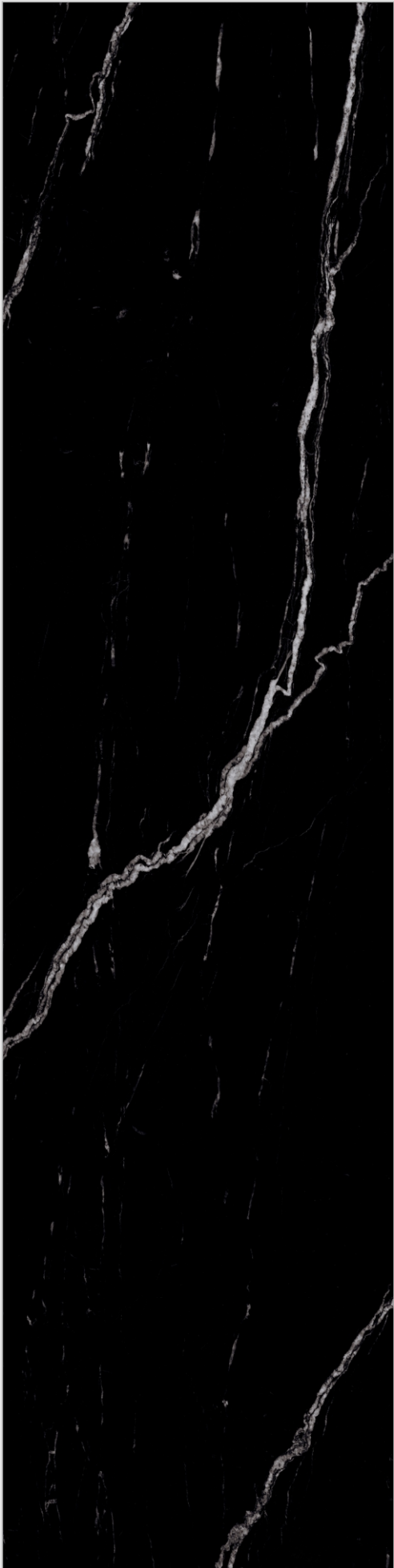
MARQUINA VENATO
GLOSSY SURFACE
15MM THICKNESS



BLACK MARQUINA
GLOSSY SURFACE
15MM THICKNESS



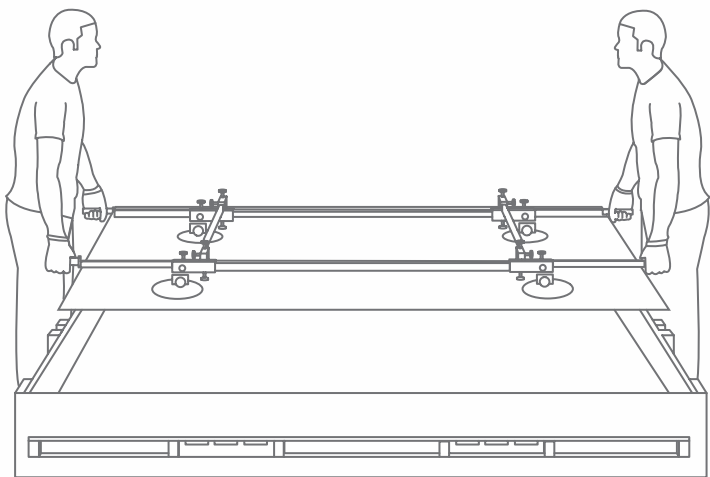
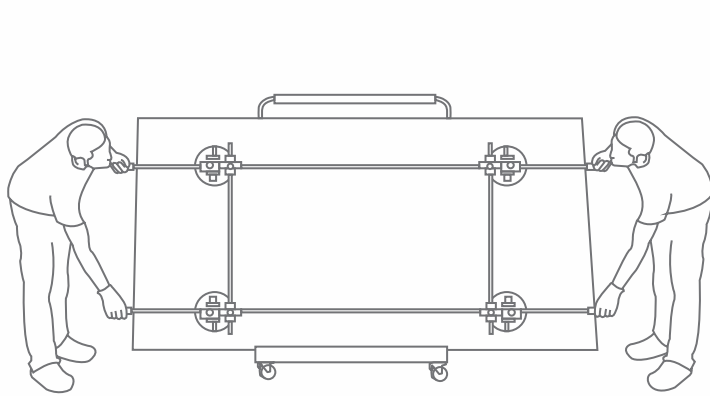
ELEGANT BLACK
GLOSSY SURFACE
15MM THICKNESS



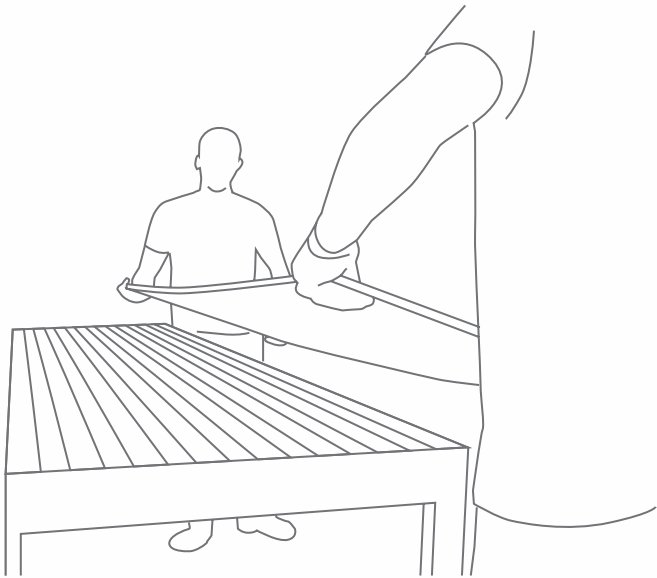
MANUALLY TRANSPORTING TILES

Only for 1/4" Slabs

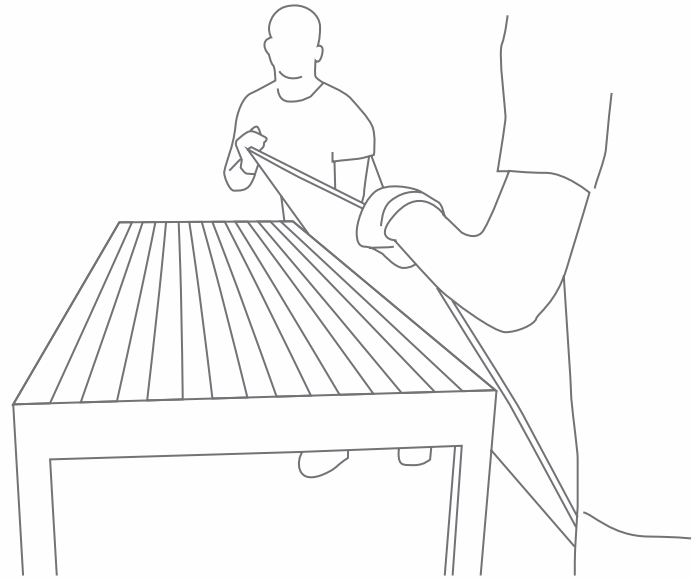
MOVING A TILE



RAISING A IMMODERATE TILE ONTO A BENCH

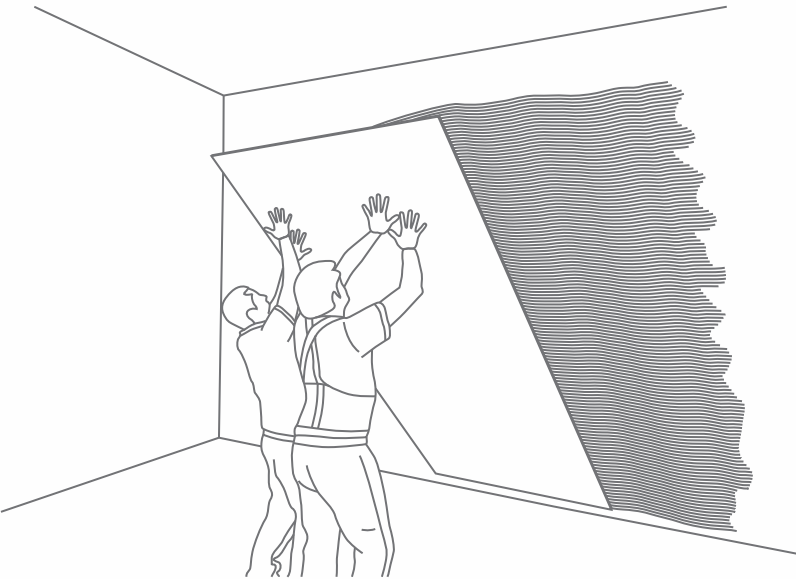


✗ INCORRECT

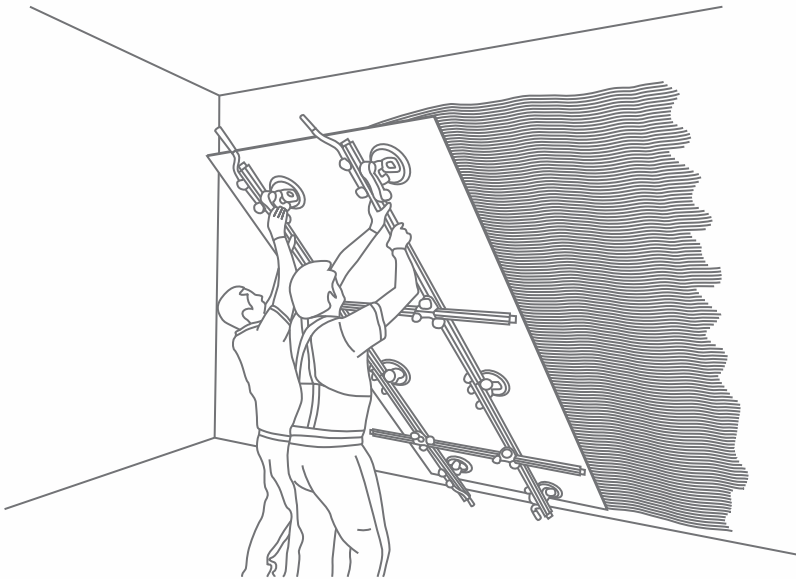


✓ CORRECT

HANDLING IMMODERATE TILE FOR WALL



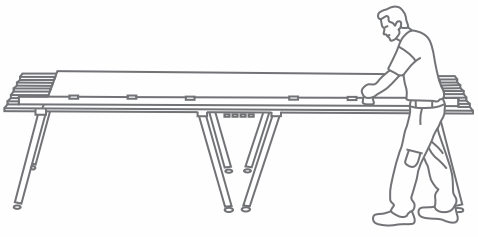
✗ INCORRECT



✓ CORRECT

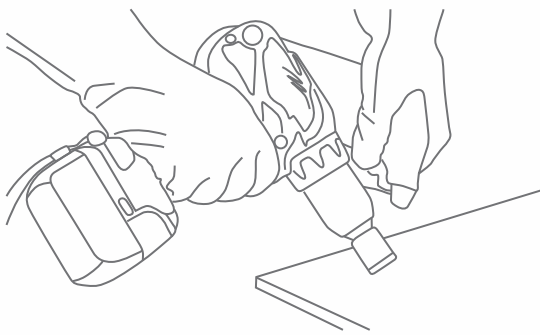
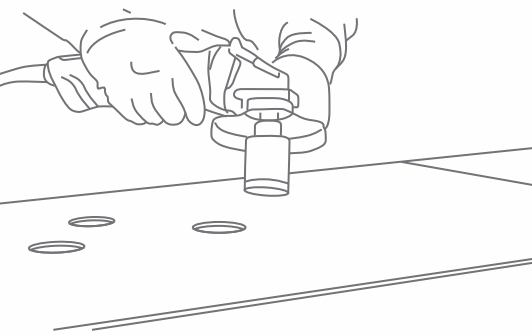
WORKING WITH THE VARIOUS VERSIONS OF TILES

CUTTING WITH DIAMOND DISCS



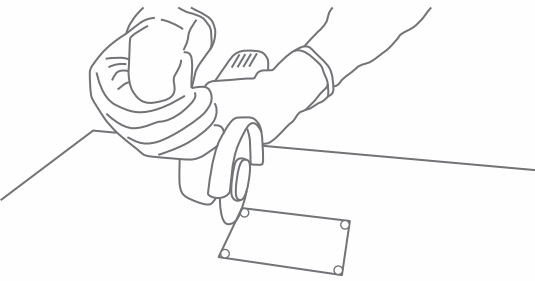
Our products can be cut using diamond discs fitted onto the hand-held electrical grinding machine. The speed of Disc rotation must be high (>10000 RPM) and should have a low feed rate (< 1 m/min). It may be required to cool the disc with water. Recommended discs are the thin types generally used for cutting porcelain stoneware. The surface should be kept on a FLAT base while cutting without any gap underneath

DRILLING



You can use cutting discs fitted to battery-operated screwdrivers or angle grinders, electrical drills as an alternative.

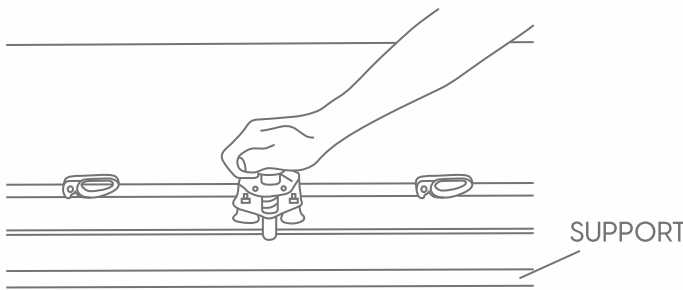
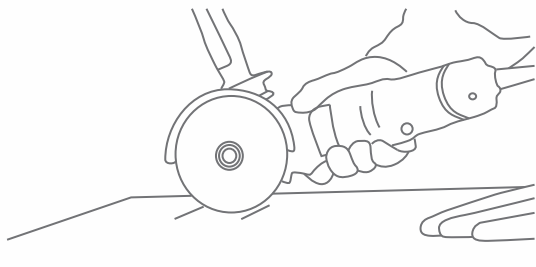
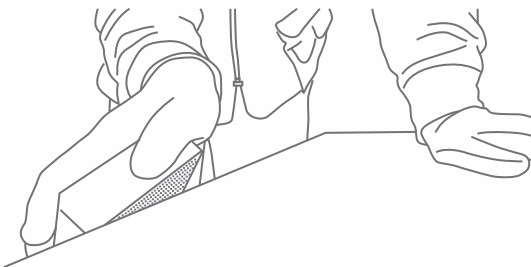
INTERNAL CUT / L-SHAPED CUT



To get internal and L-shaped corners & to reduce the risk of breakage, round o the vertex of the internal corner using bits with a radius of at least 5mm. Then cut with diamond discs, be cautious to stop moving the cutting tool forward. To drill and cut using diamond discs, follow the instructions provided above.

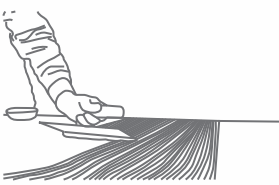
When using these tools:
-Cool the point being drilled with water
-Don't put too much pressure and bear in mind the resistance of the type of laminated stoneware you are working on
-If you are using tungsten bits, start drilling at a low speed
-If you are using drills or screwdrivers, do not select hammering mode

EDGE-FINISHING

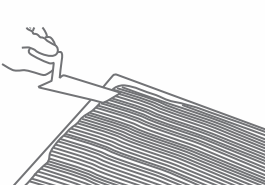


INSTRUCTIONS FOR MANUAL INSTALLATION

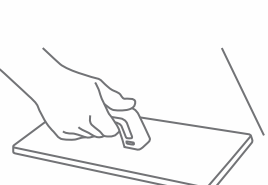
SINGLE LAYER METHOD



DOUBLE-LAYER METHOD



COMPRESSING THE TILE



IMPORTANT

All cutout corners must have a minimum diameter of 1/4".Never leave 90° angles.We recommend radiuses of more than 1/4" when the kitchen the design allows as it makes the countertop firmer.



✓ CORRECT



✗ INCORRECT



✗ INCORRECT



✗ INCORRECT

CLEANING & MAINTENCE

Our products are non porous (due to their high quality raw materials, stringent production parameters and state of the art technology), hence any dust or deposited waste cannot penetrate the surface.

For most cases only a damp cloth is sufficient for cleaning.

Regular cleaning highlights the aesthetic features of the surface and gives it exceptional shine.

For highly aggressive cleaning caused by some common food and substances follow the table below.

TYPE OF STAIN	CHEMICAL PRODUCT	EXAMPLE
Grease	Alkaline - Solvent	Detergent
Oil	Solvent	Ammonia, Backing Soda
Ink	Oxidant - Solvent	Alcohol, Liquid Bleach, Nail Paint Remover
Rust	Acid	Hydrochloric Acid, Vinegar, Red Harpic
Lime	Acid	Descaling Reagent, Hydro Chloric Acid
Cement	Acid	Hydro Chloric Acid
Wine	Alkaline	Ammonia, Liquid Bleach
Coffee	Alkaline - Solvent	Ammonia, Liquid Bleach
Rubber	Solvent	Alcohol, Thinner
Plaster	Acid	Hydro Chloric Acid
Candle Wax	Solvent	Alcohol, Thinner
Iodine	Oxidant	Liquid Bleach
Blood	Oxidant	Liquid Bleach
Ice Cream	Alkaline	Liquid Bleach

Note: It is recommended that any kind of stain needs to get clean immediately / as soon as possible.

TECHNICAL SPECIFICATIONS

CHARACTERISTIC	STANDARD AS PER ISO-13006/2018 En14411 gr.bla	MOTTO 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

Dimension (mm)	No. of PC's/Box	Square Feet	Weight (Approx)
800x3200mm	1 Pcs.	27.5 Sq. Feet	90 kg.



MOTTO GROUP

8-A N.H., Sartanpar Road, At, Sartanpar,
Ta. Wakaner, Morbi - 363 621, Gujarat, INDIA.

E-mail : sales@mottogroup.in | www.mottogroup.in

Toll-free Number : 1800 123 2124