LUXURIOUS PORCELAIN SLABS

160x320cm





ASIA'S LARGEST SLAB MANUFACTURING UNIT

Established in 2007 as Comet Granito Pvt. Ltd., Granicer is a pioneering leader in the global tile manufacturing and exporting industry. Our innovative products cater to a wide customer base and needs with over 2000+ exclusive designs in 12+ spectacular finishes and 15+ sizes for an array of spaces and interiors. Our collection includes pioneering Vitrified tiles, GVT, PGVT, Wall tiles, and Slabs of substantial and various sizes.

To offer exceptional quality products and serve the growing demand, customer base, and exports, Granicer is equipped with three manufacturing units. These facilities are rigged with imported state-of-the-art machinery with a production capacity of 70,000 square meters per day.



52K

Sq.M. per Day Production Capacity



Star Export House Granicer The Premium
Tiles Manufacturer



Export Countries



17+

Years of Experience



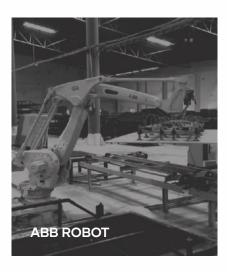


400+

Dealers' Network

EXPANDING HORIZONS BY INTEGRATING TECH AND NOVELTY

Granicer is the house of Asia's largest slab manufacturing unit and Asia's best new tile plant, producing unmatched and unrivalled porcelain slabs in a remarkable range of colossal formats and exquisite finishes.













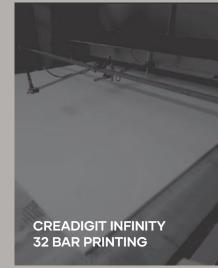














SUSTAINABLE GRANICER

SUSTAINABILITY IS A RESPONSIBILITY WE ARE COMMITTED TO.

Granicer is committed to delivering eco-conscious and sustainable solutions to give safe places to reside and a green future to hold on to with slabs backed by our sustainability mission.

Bringing sustainable surface solutions to the forefront with Co_2 -neutral slim and durable slabs from Granicer that consume less raw material, water, and energy in production and generate less pollution from transportation.

Granicer Eco-friendly Plant Parameters



-35%

Low raw material usage



-35%

Less water usage



-35%

Less Co₂ emission



-35%

Less energy consumption

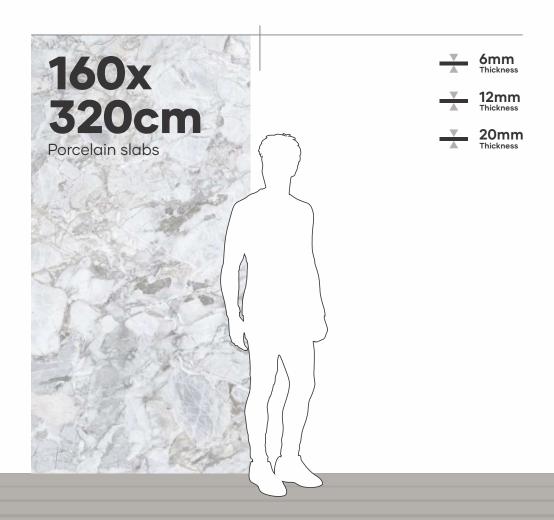


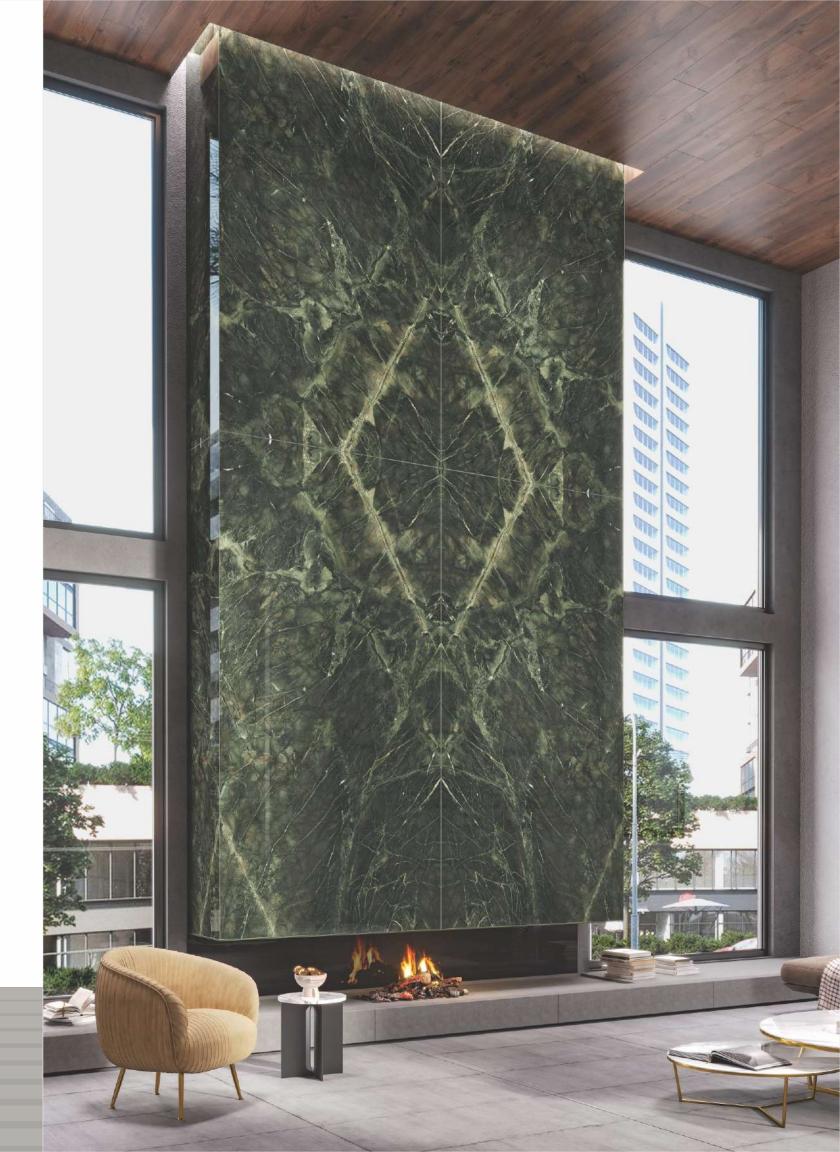
-35%

Less pollution generated from transportation

AN EMBODIMENT OF PERFECTION

Live larger than life in your space with slabs that add a touch of grandeur and elegance.





DESIGN FOR DIFFERENT SIZES

Our design concept is crafted with versatility in mind, allowing it to maximize functionality without sacrificing style. The design maintains a cohesive look across all sizes, fulfilling your need to create a space that adds depth and sophistication. This highlights the design's adaptability and ensures a clean, uncluttered look.



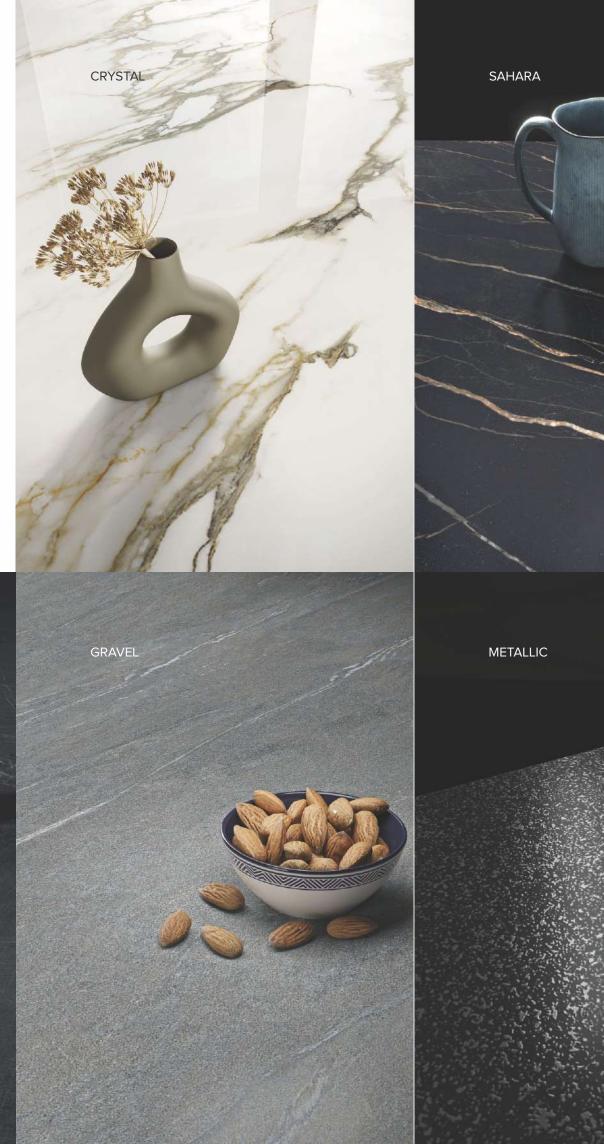
◆ 80x240cm
 ◆ 120x180cm
 ◆ 120x320cm
 ◆ 80x300cm
 ◆ 120x240cm
 ◆ 160x160cm
 ◆ 120x120cm
 ◆ 120x280cm
 ◆ 160x320cm

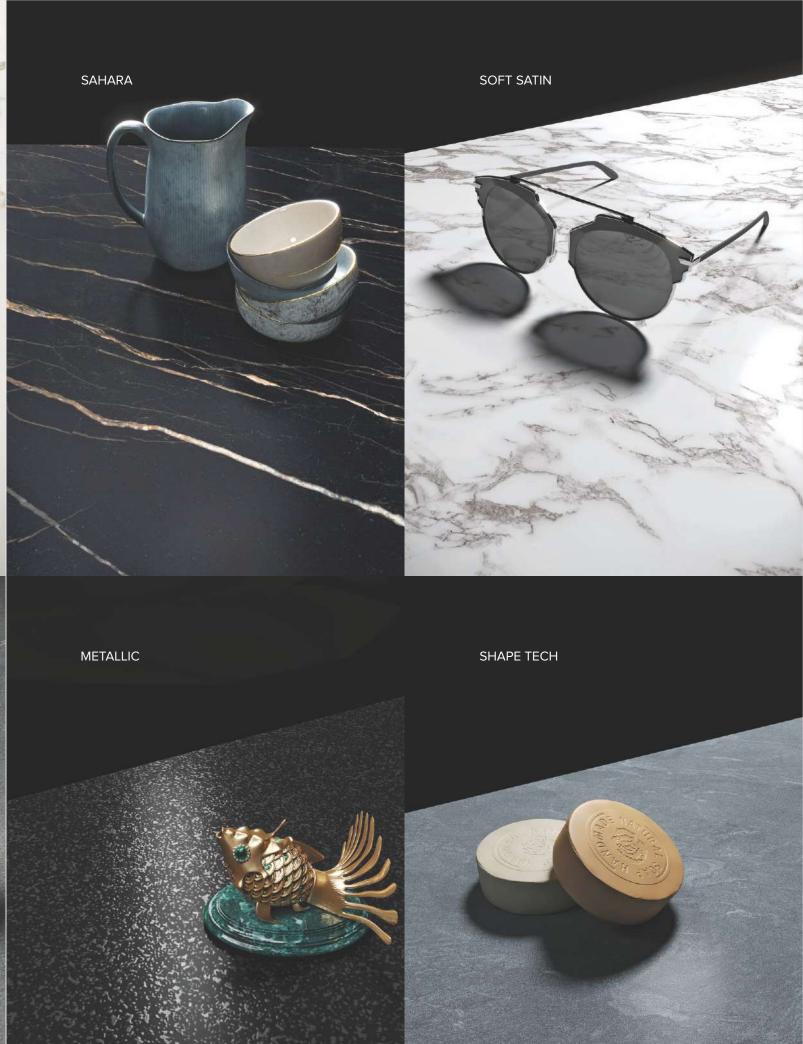


7+ VOGUISH SURFACES

Bringing a revolution in the ceramic industry with class-apart finishes that narrate detailed craftsmanship. These meticulously crafted finishes add tons of grace and timelessness to myriad of spaces.







FULFILLS EVERY CERAMIC NEED

Crafted for efficiency, these 6 mm & 12 mm slabs are an excellent choice for spaces demanding functional elegance. They are a versatile yet durable option for enhancing your space with sustainable excellence. These masterpieces are designed to address all your ceramic needs, offering both unparalleled craftsmanship and elegance. Their endless application possibilities make them ideal for a wide range of uses, from functional to decorative. Your search for elevating your decor ends here.



Wardrobe



Counters



Sinks



Furnishing Units



Kitchen



Bathroom



Office



Hotels



Hospital





Malls







DESIGNING BEAUTIFUL & DURABLE SPACES

20mm Application

ADVANCED SUPPORT FOR SUPERIOR STABILITY

Engineered to provide unparalleled durability and adaptability, these 20 mm slabs are ideal for spaces demanding robustness and elegance. Their exceptional strength can resist any wear and tear.



Kitchen counter top



Dining table



Table top



Bathtub



Shelves



Shower



Vanity top



Wash basin



Stair case



Door and window frame



Wall and floor

ENHANCE YOUR LIFESTYLE WITH OUR IDEAL SOLUTIONS

CRAFTED FOR DEMANDING SPACES!

Porcelain slabs combine practicality with aesthetic appeal, making them a versatile and durable choice for residential and commercial spaces. They can endure heavy use, resist stains, heat, abrasion, and chemicals, and are impactful when placed.

These meticulously crafted slabs make a strong statement in spaces with enduring beauty and effortless features, making them a practical choice for a myriad of spaces.



FEATURES



Elevate your interiors with the timeless sophistication of slabs designed with unmatched features offering longlasting durability and charm.



Sqaured Ridge at 45°



Rounded Ridge at 45°



Double Straight Squared Ridge



Double Straight Rounded Ridge



Straight Squared Ridge



Rounded Straight Ridge



L-shaped Sqaured Ridge



L-shaped Rounded Ridge

DYNAMIC EDGES, VERSATILE NEEDS

Give vivid aesthetic look to your spaces with vivid edge profiles. Each edge profile have their own distinct look and charm that narrate timeless elegance and give a refined touch.

Choosing the right edge profile depends on the desired aesthetic and practicality. These profiles are essential for both modern and traditional settings, contributing to the overall look and feel of a space.







+ Colorado White





Available Finish:
- Crystal

Thicknesses: 12mm | 20mm

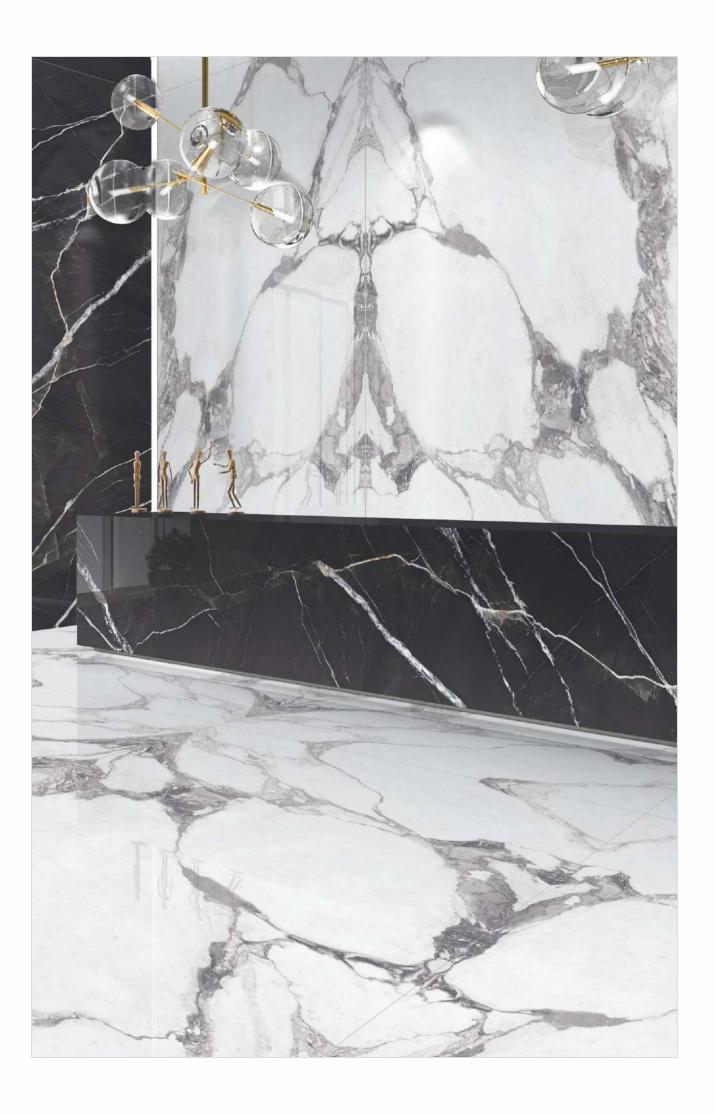
Body Type:
Pure White Body



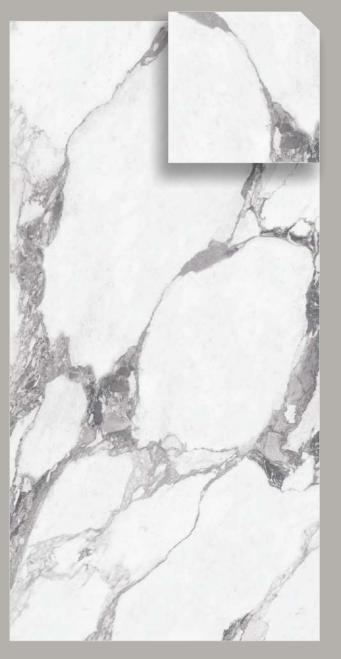
Bookmatch A+B

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Massimo **Arabescato**





Available Finish:
- Crystal

Thicknesses: 12mm | 20mm

Body Type: White Body

Bookmatch A+B

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Satvario **Latte**





Available Finish:
- Crystal

Thickness:

12mm

Body Type: White Body



Bookmatch A+B

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+Aura Gold





Available Finish:
- Crystal

Thickness:

12mm

Body Type: White Body



Bookmatch A+B

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ River Onyx **Grey**





Available Finish : - Crystal

Thickness: 12mm

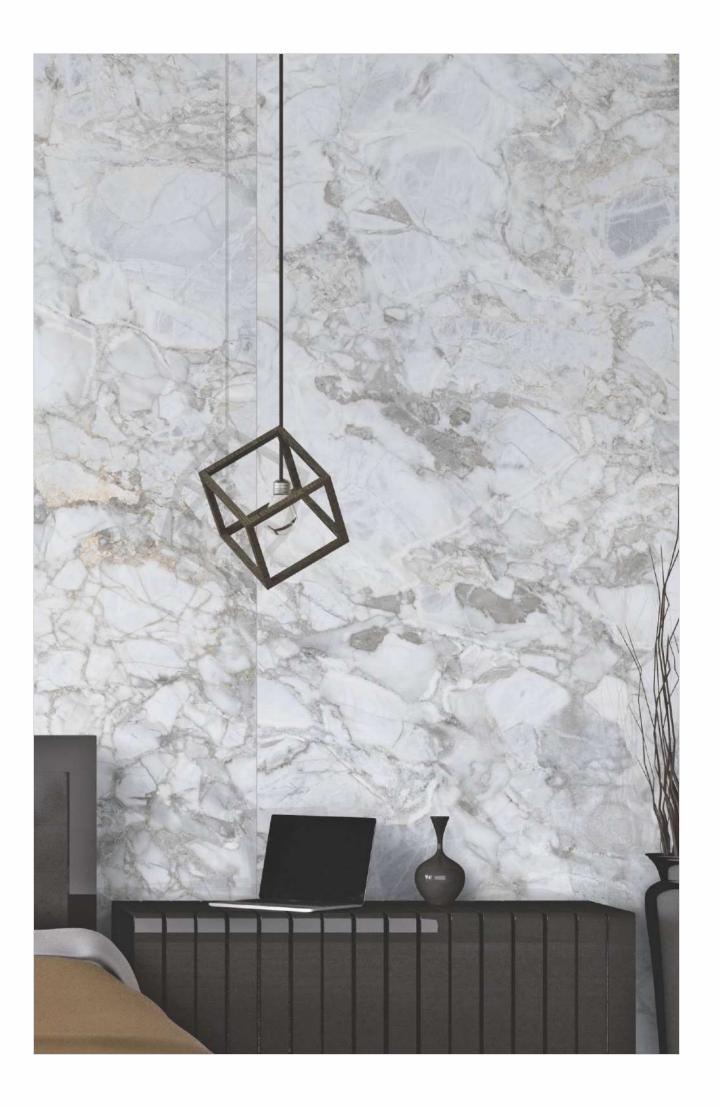
Body Type: White Body



2 Random

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Marmoluz **Mormore**





Available Finish:
- Crystal

Thickness: 12mm

Body Type: White Body



3 Random

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Cristalux **Beige**



160x 320cm

Available Finish :
- Crystal

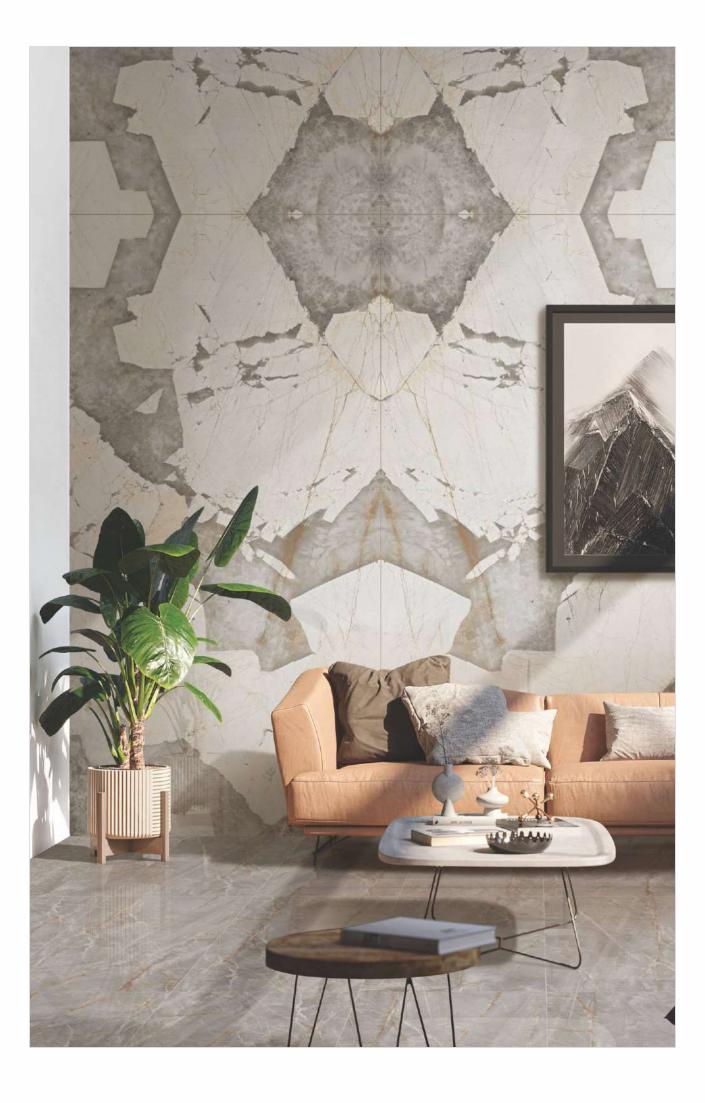
Thickness: 20mm

Body Type:
Pure White Body

3 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Patagonia





Available Finish :
- Crystal

Thickness:

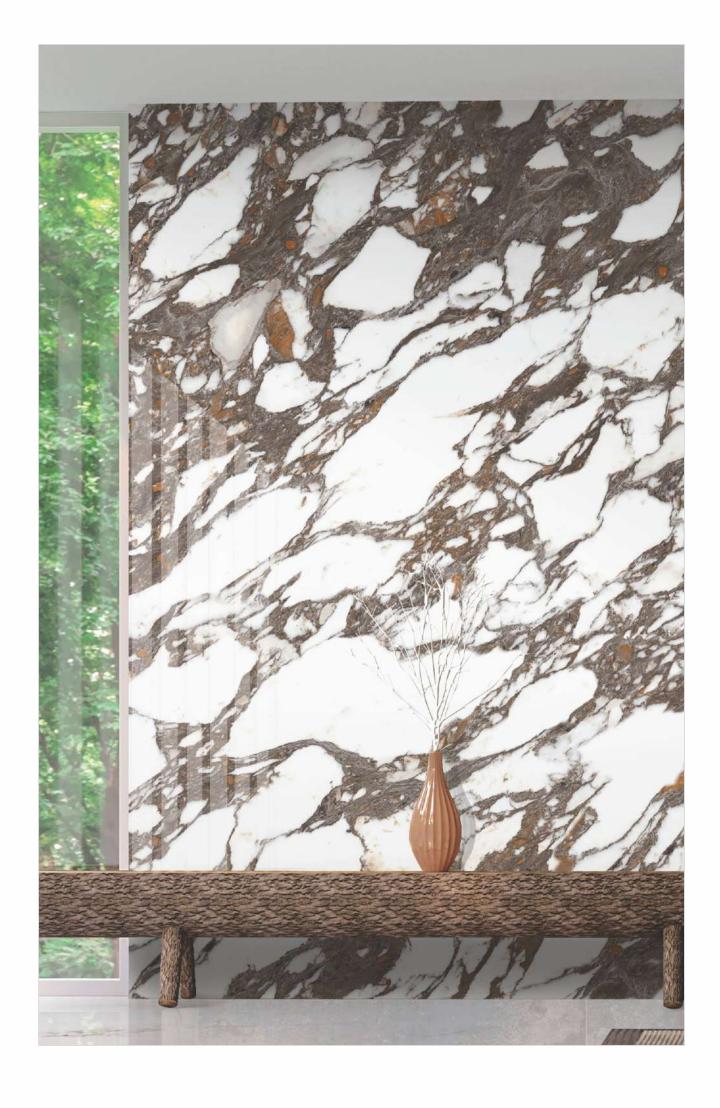
Body Type:
White Body



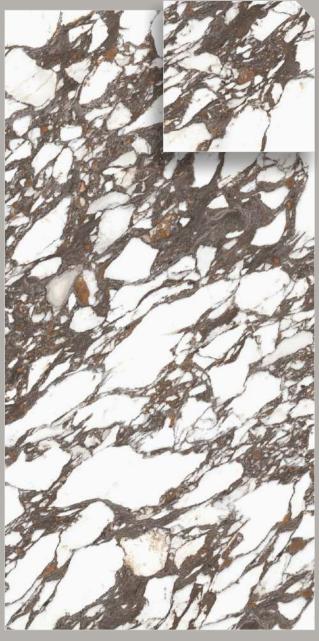
Bookmatch A+B

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Calacatta **Viola**





Available Finish:

- Crystal

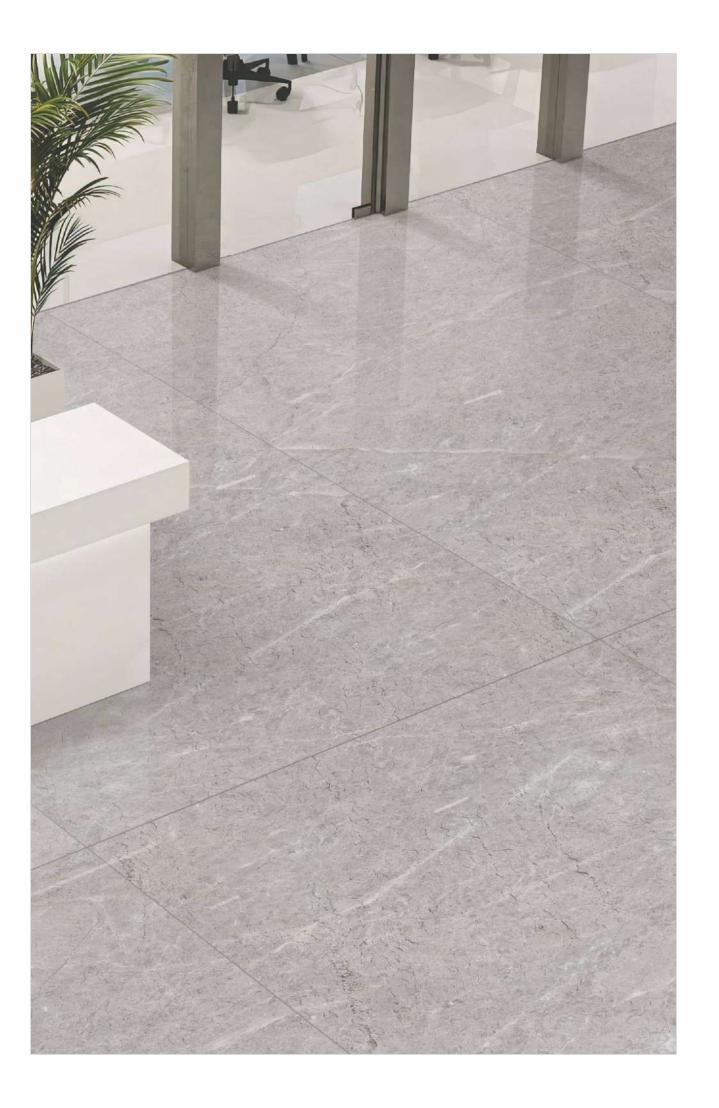
Thickness: 12mm

Body Type: White Body



2 Random





+ Vitrum **Grigio**



160x 320cm

Available Finish : - Crystal

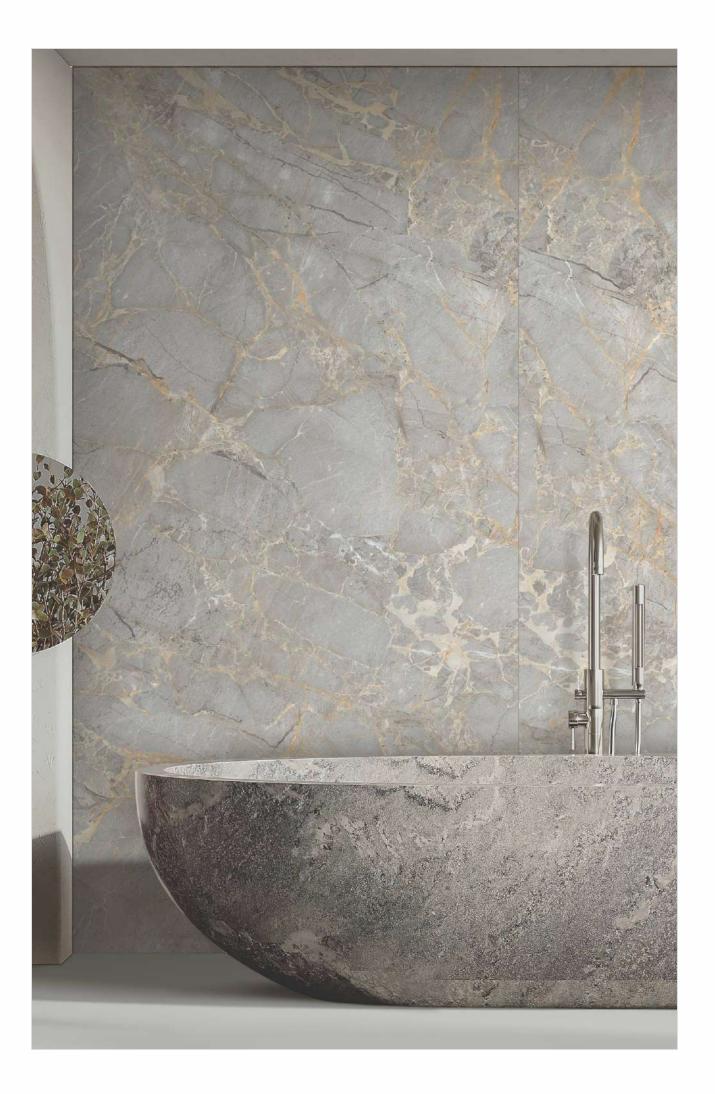
Thickness: 12mm

Body Type: **Ash Grey Body**

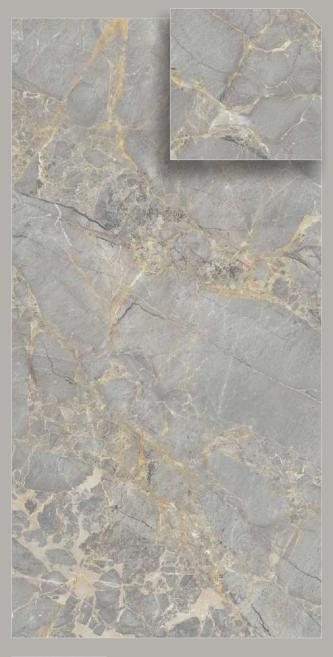
2 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Didyma **Silver**





Available Finish : - Crystal

Thickness: 12mm

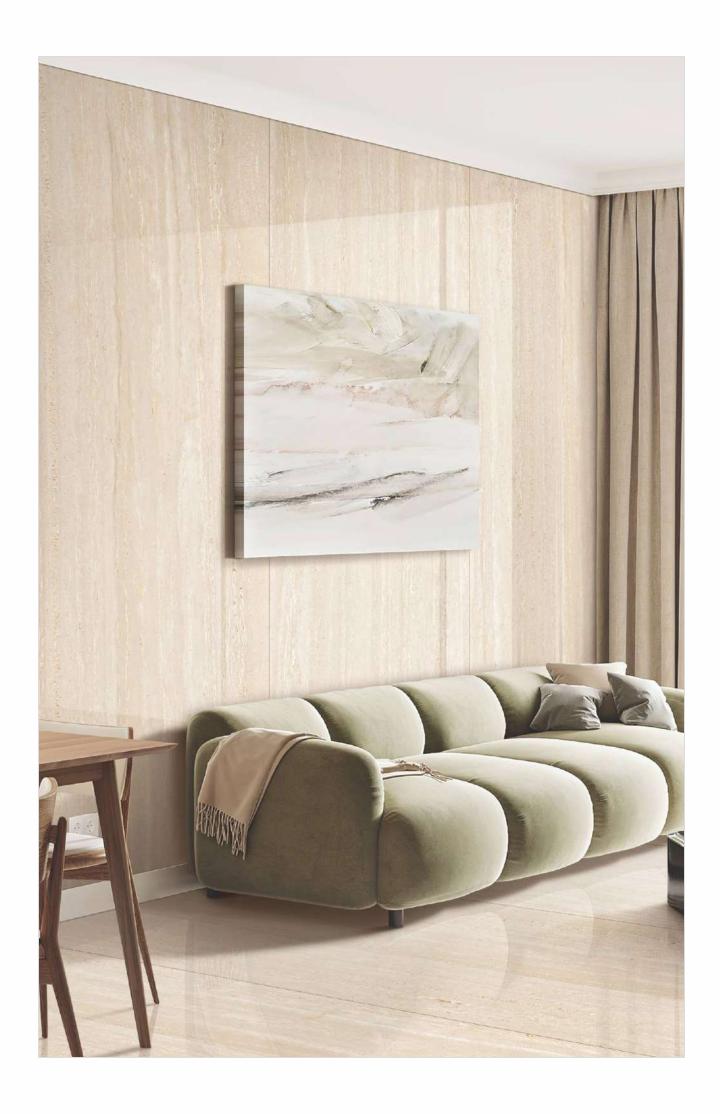
Body Type: **Ash Grey Body**



2 Random

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Marina Travertino **Beige**

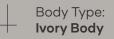




Available Finish : - Crystal



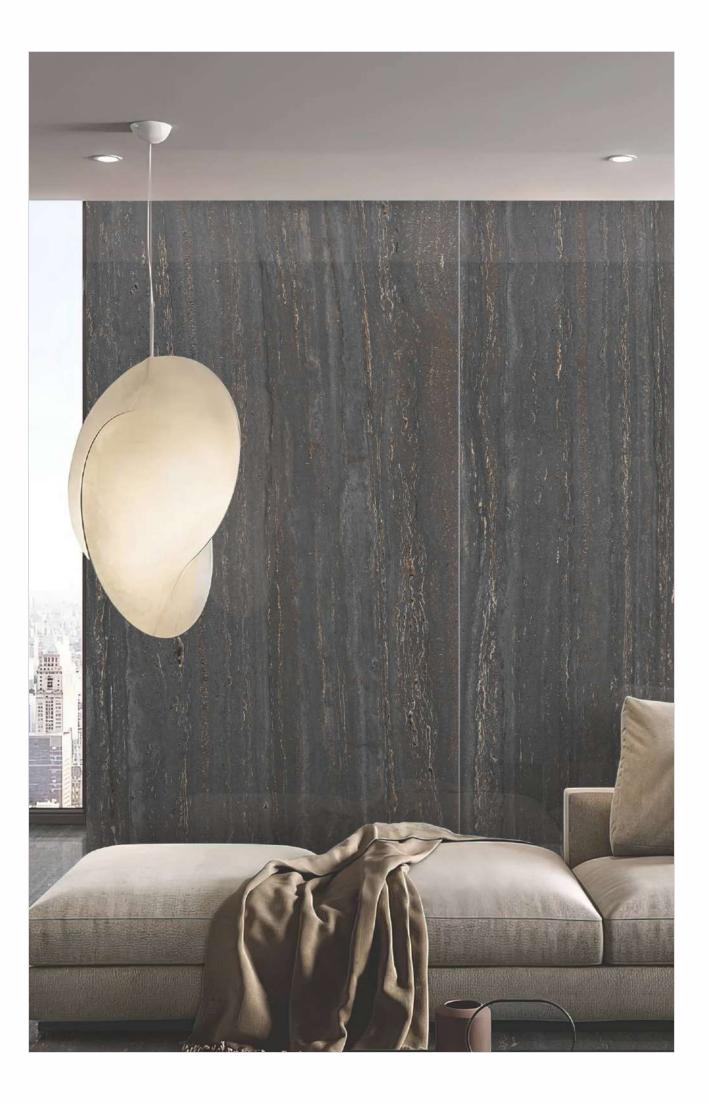




3 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Marina Travertino **Gris**





Available Finish : - Crystal

Thickness: 12mm

Body Type: **M Grey Body**



2 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Armani Di **Gris**





Available Finish :
- Crystal

·

Thickness:

Body Type:
Ash Grey Body

3 Random





+ Armani Di **Smoke**





Available Finish : - Crystal

Thickness: 12mm

Body Type: **Ash Grey Body**



3 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Onyx Bianco





Available Finish : - Crystal

Thickness:

12mm

Body Type: White Body



3 Random





+ Onyx Nero

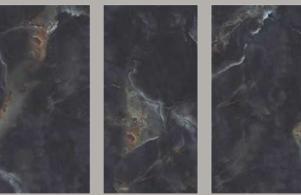


160x 320cm

Thickness: 12mm

Body Type: Black Body

Available Finish : - Crystal



3 Random

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Invisible Blue





Available Finish : - Crystal

Thickness: 12mm

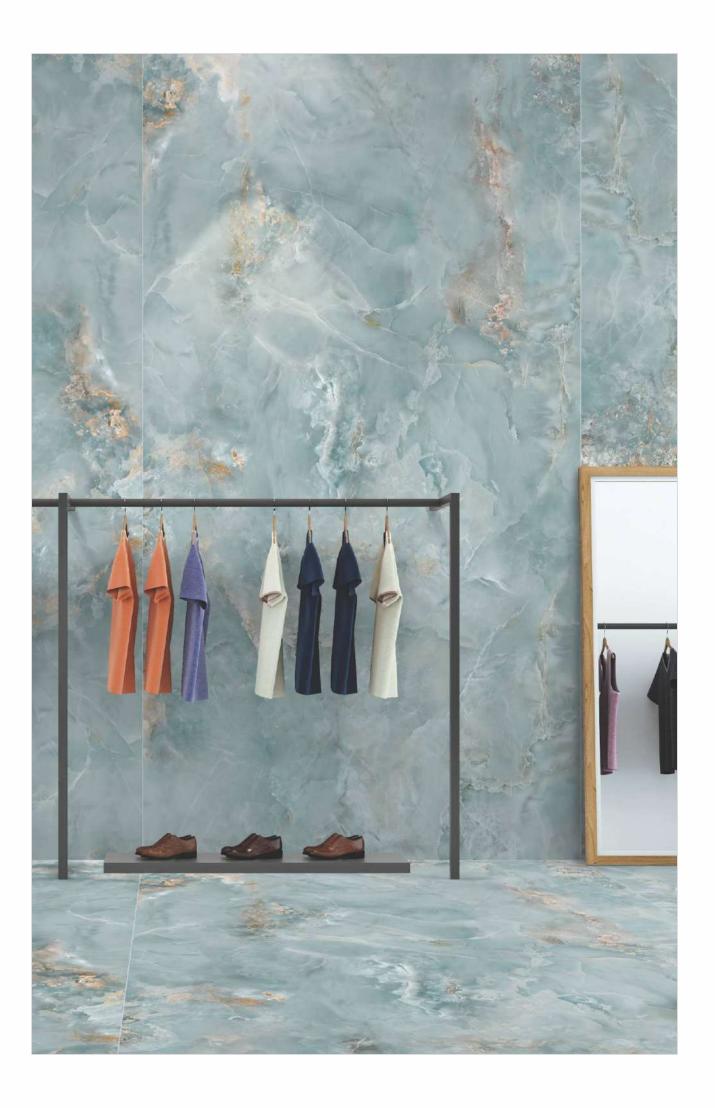
Body Type: White Body



Bookmatch A+B

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Cloudy Onyx **Verde**



160x 320cm

Thickness: 12mm

Body Type: **Green Body**

Available Finish : - Crystal



3 Random

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Opera Onyx **Verde**





4 Random

160x 320cm

Available Finish : - Crystal

Thickness: 12mm

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Amazzonite **Jade**





Available Finish : - Crystal

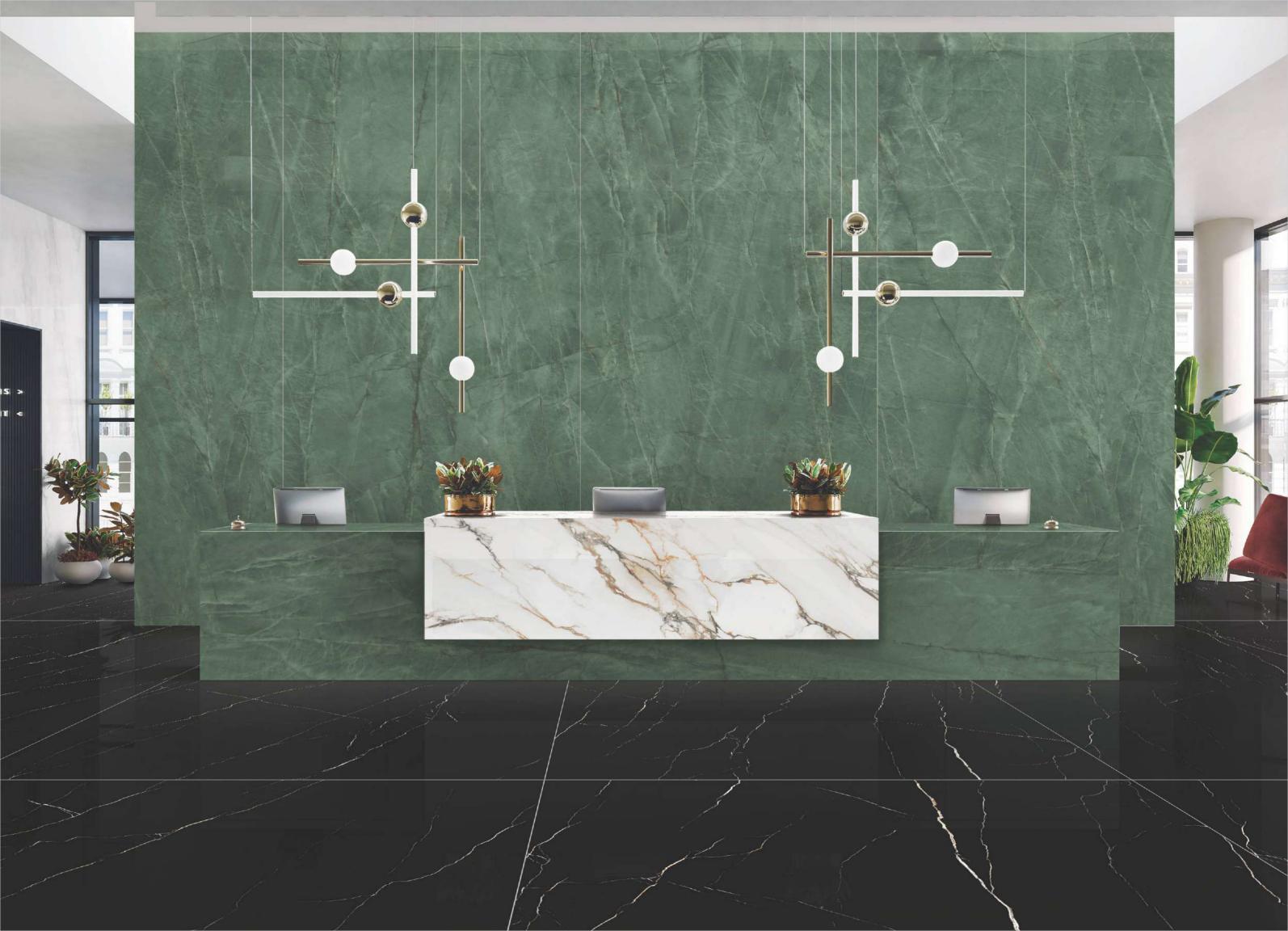
Thickness:

12mm



2 Random

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Amazonas





Available Finish :
- Crystal

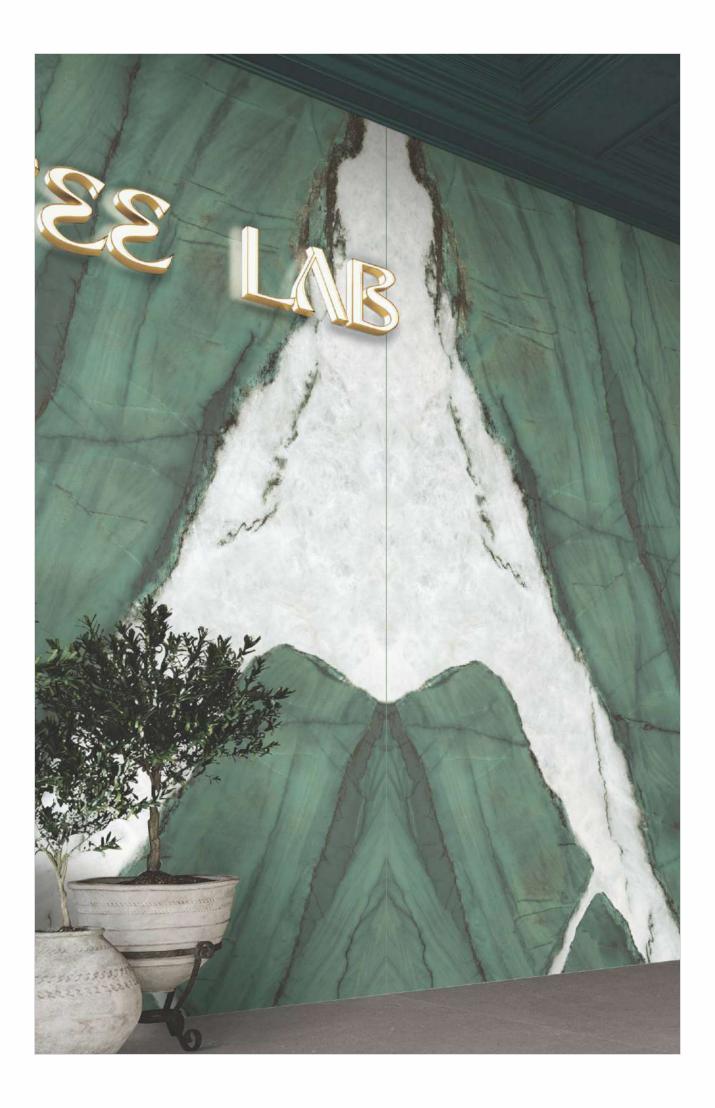
Thickness:



3 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Patagonia **Green**





Available Finish : - Crystal

Thickness: 12mm

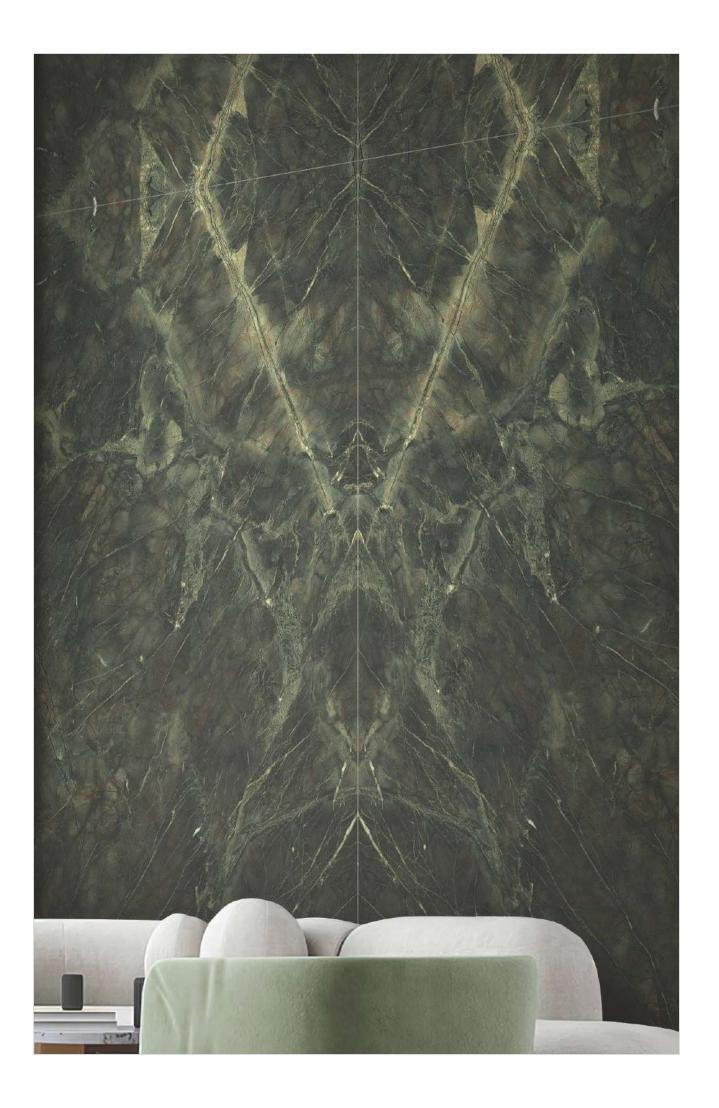
Body Type: White Body



Bookmatch A+B

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Victoria **Green**





Available Finish :
- Crystal

Thickness:

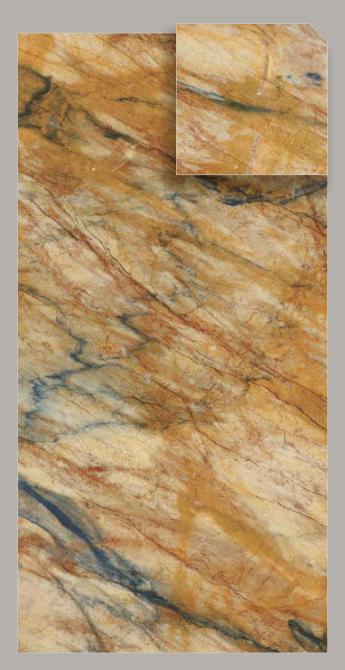
Bookmatch A+B

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Golden **Dune**





Available Finish : - Crystal

Thickness:

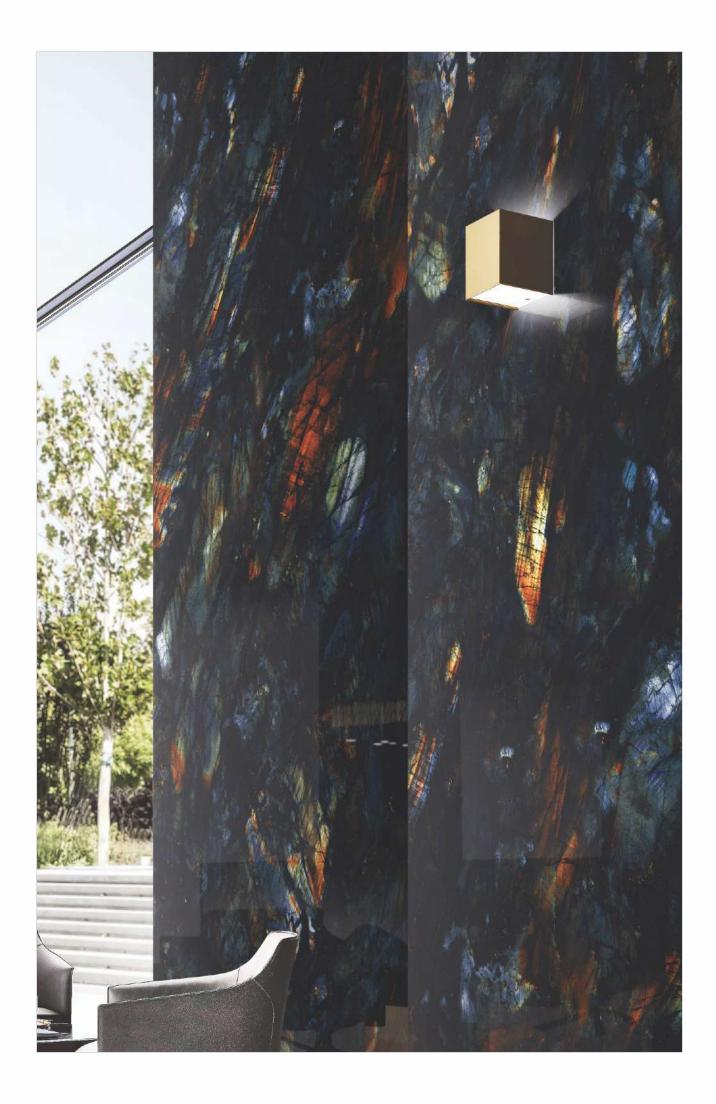
Body Type: Ivory Body



3 Random

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Lemurian **Blue**



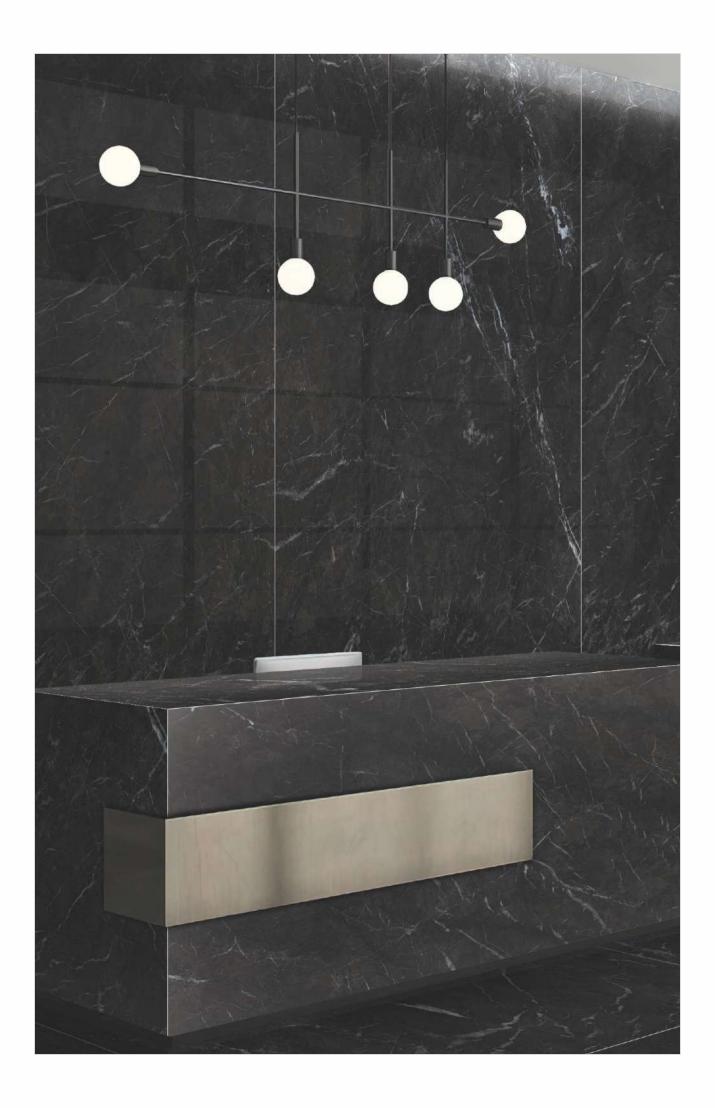


Available Finish : - Crystal

Thickness: 12mm

Body Type: Black Body





+ Grigio **Carnigo**





Available Finish : - Crystal

Thickness: 12mm

Body Type: Black Body



2 Random





+ Estatuario **Nova**



160x 320cm

Available Finishes:

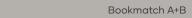
- Crystal , - Sahara , - Soft Satin

Thicknesses: 12mm | 20mm

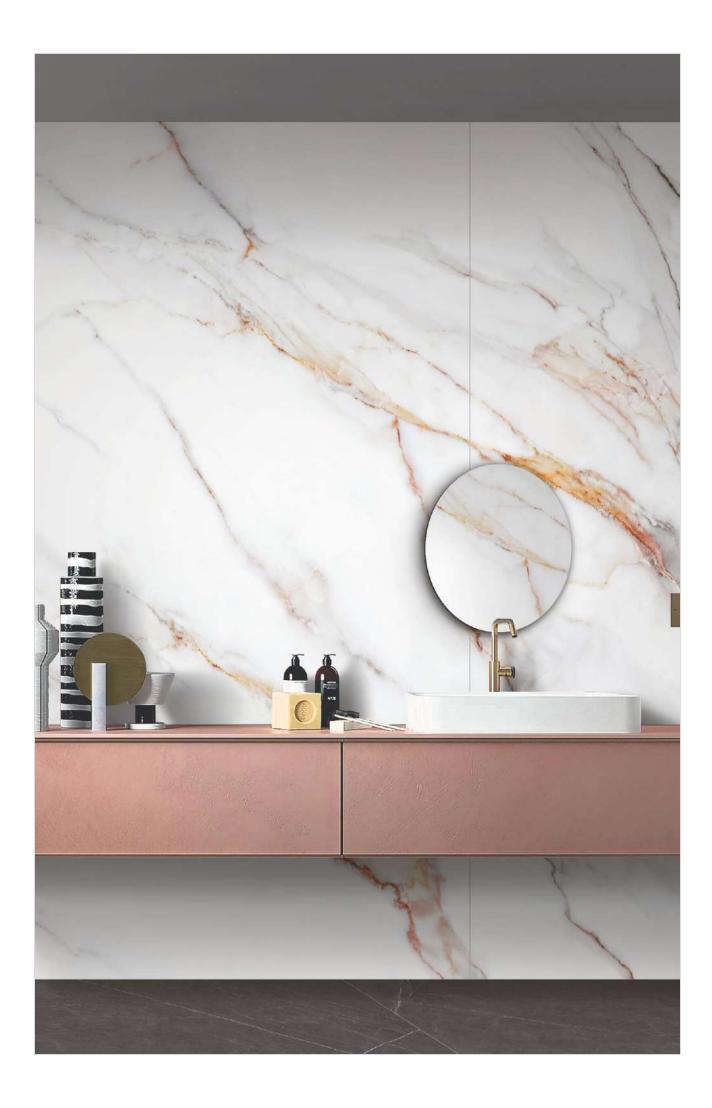
Body Type: White Body



3 Random







+ Beldia **Bianco**



160x 320cm

Available Finishes :
- Crystal ,
- Sahara , - Soft Satin

Thicknesses: 12mm | 20mm

Body Type: White Body



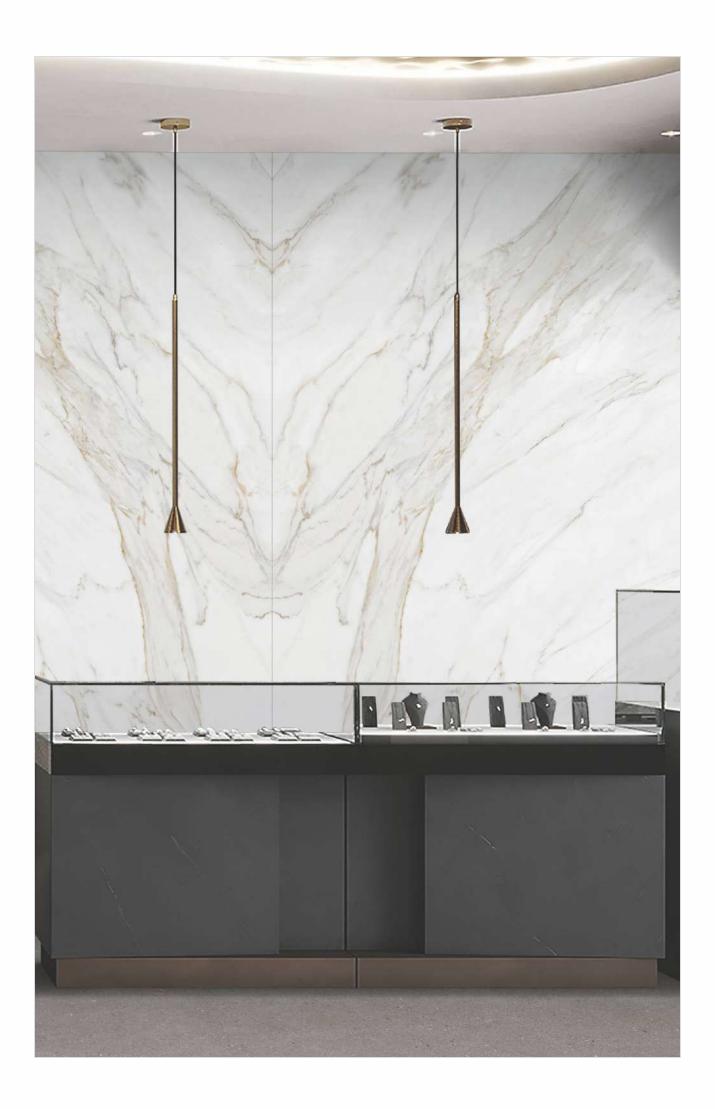


Bookmatch A+B

3 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Calacatta **Borghini**





Available Finishes :
- Crystal ,
- Sahara , - Soft Satin

Thicknesses: 12mm | 20mm

Body Type: White Body

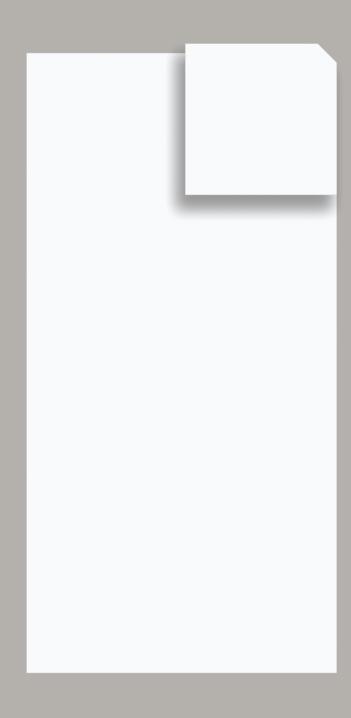


Bookmatch A+B





+ Solid White



160x 320cm

Available Finishes :
- Crystal ,
- Sahara , - Soft Satin

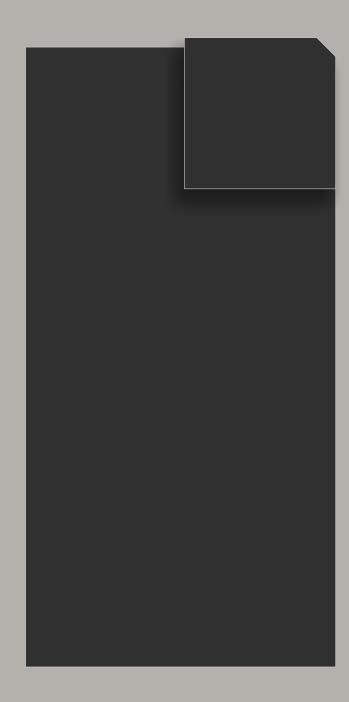
Thicknesses: 12mm | 20mm

Body Type:
Pure White Body





+ Solid **Black**

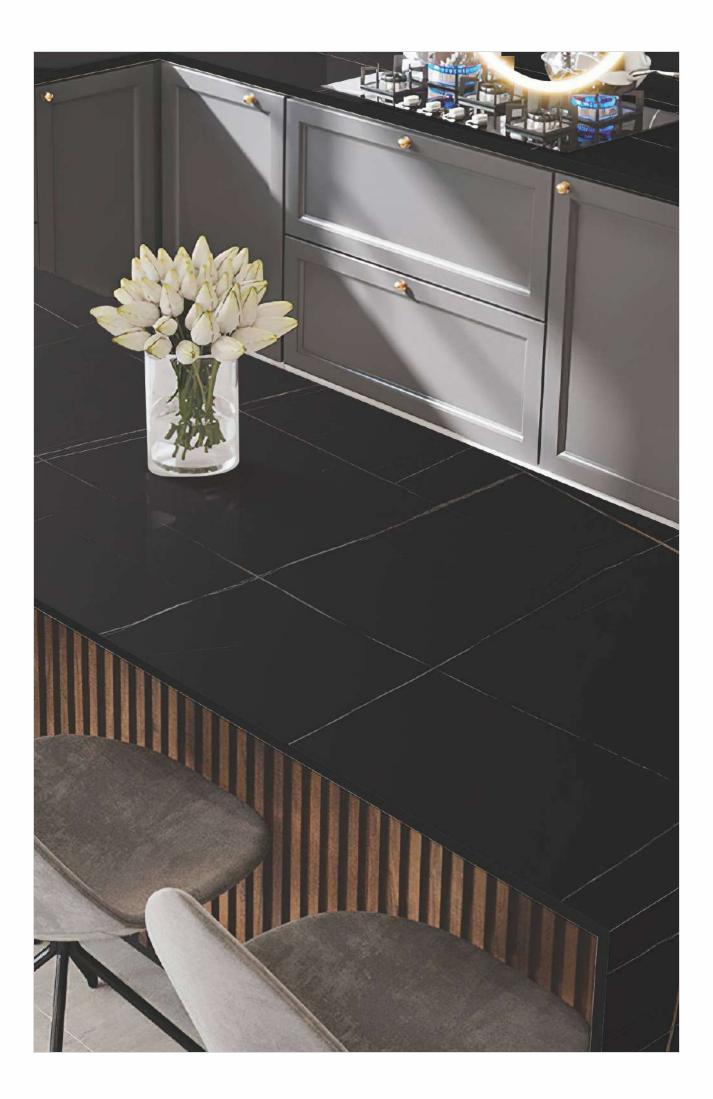


160x 320cm

Available Finishes :
- Crystal ,
- Sahara

Thicknesses: 12mm | 20mm





+ Sahara **Noir**





Available Finishes :
- Crystal ,
- Sahara

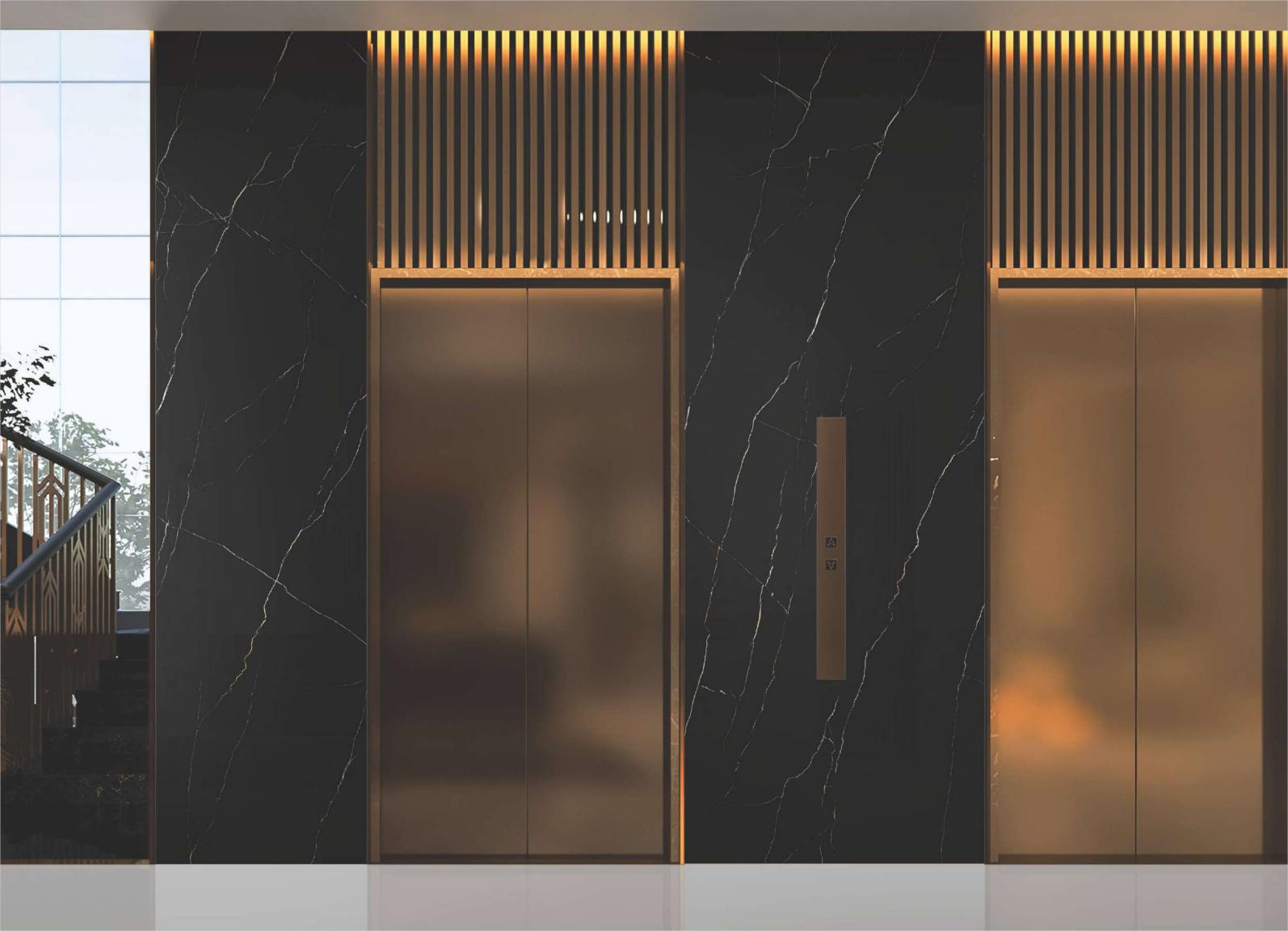
Thickness:

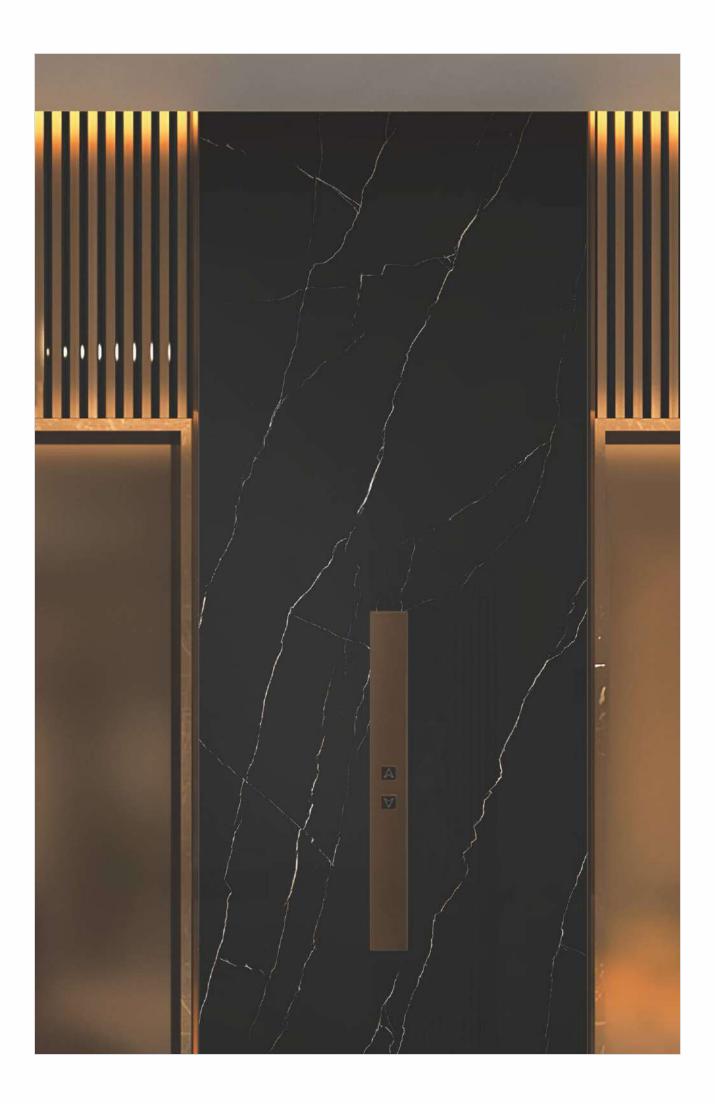
12mm



2 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Marquina **Nero**



160x 320cm

Available Finishes:
- Crystal,
- Sahara

Thicknesses: 12mm | 20mm

3 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Saint Laurent



160x 320cm

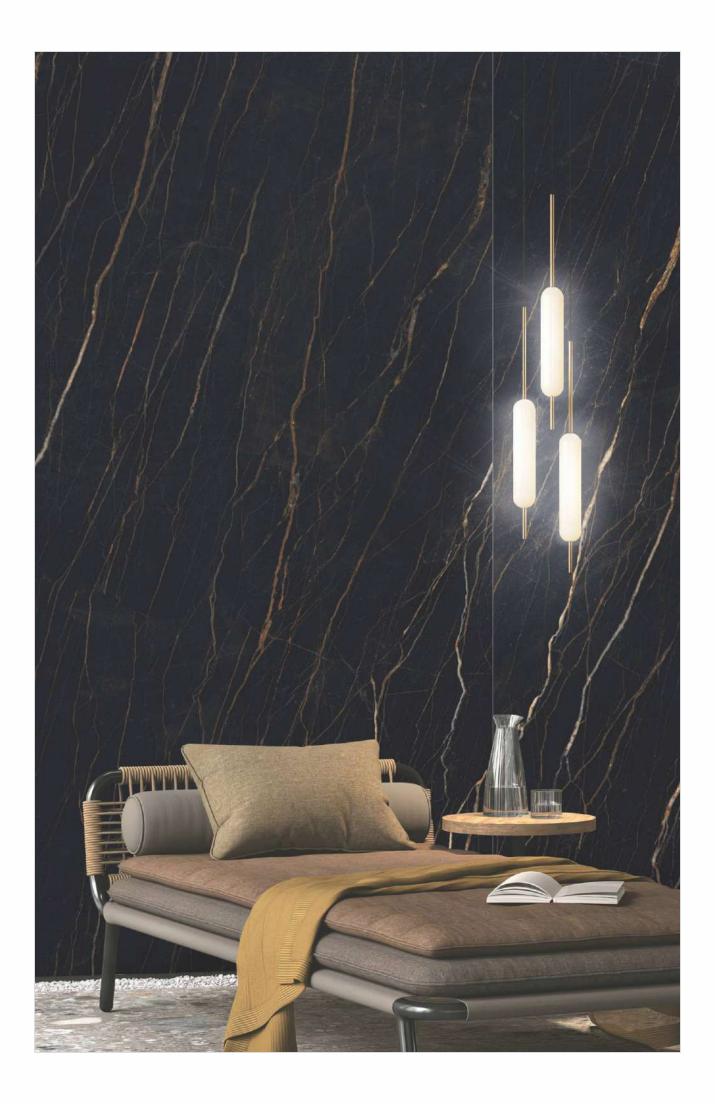
Available Finishes :
- Crystal ,
- Sahara

Thickness:

12mm

Body Type: Black Body





+ Noir **Serpents**



160x 320cm

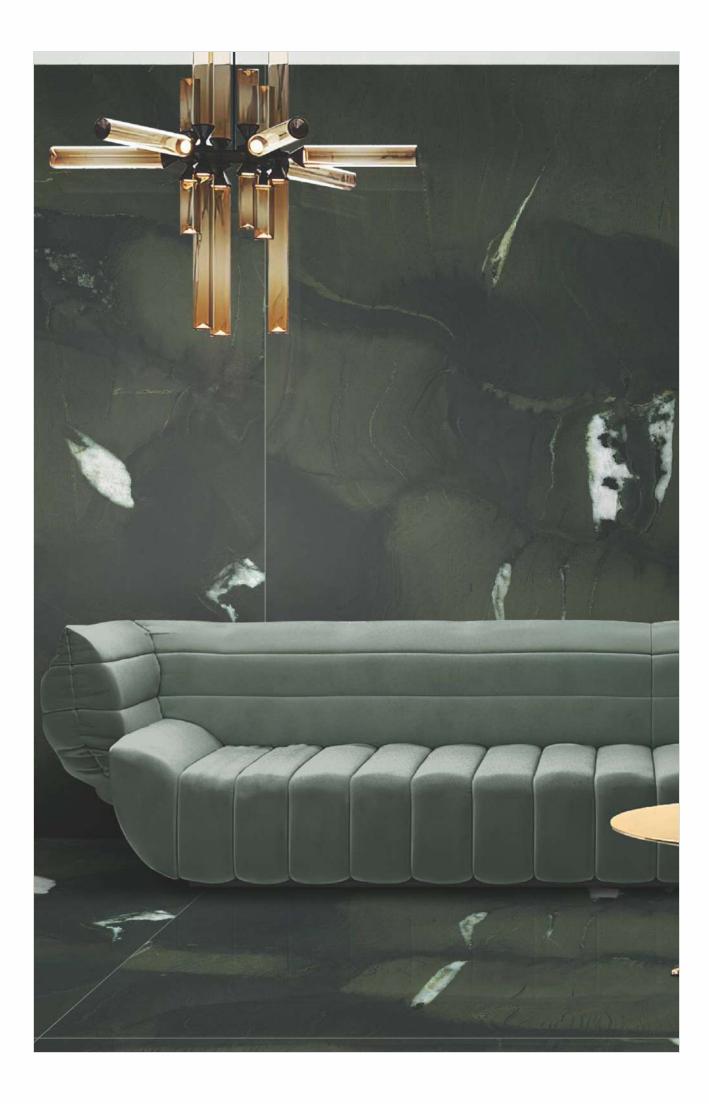
Available Finishes :
- Crystal ,
- Sahara

Thickness:

20mm

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Avocado **Green**

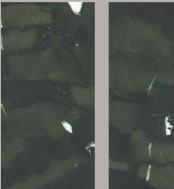




Available Finishes :
- Crystal ,
- Sahara

Thickness: 12mm

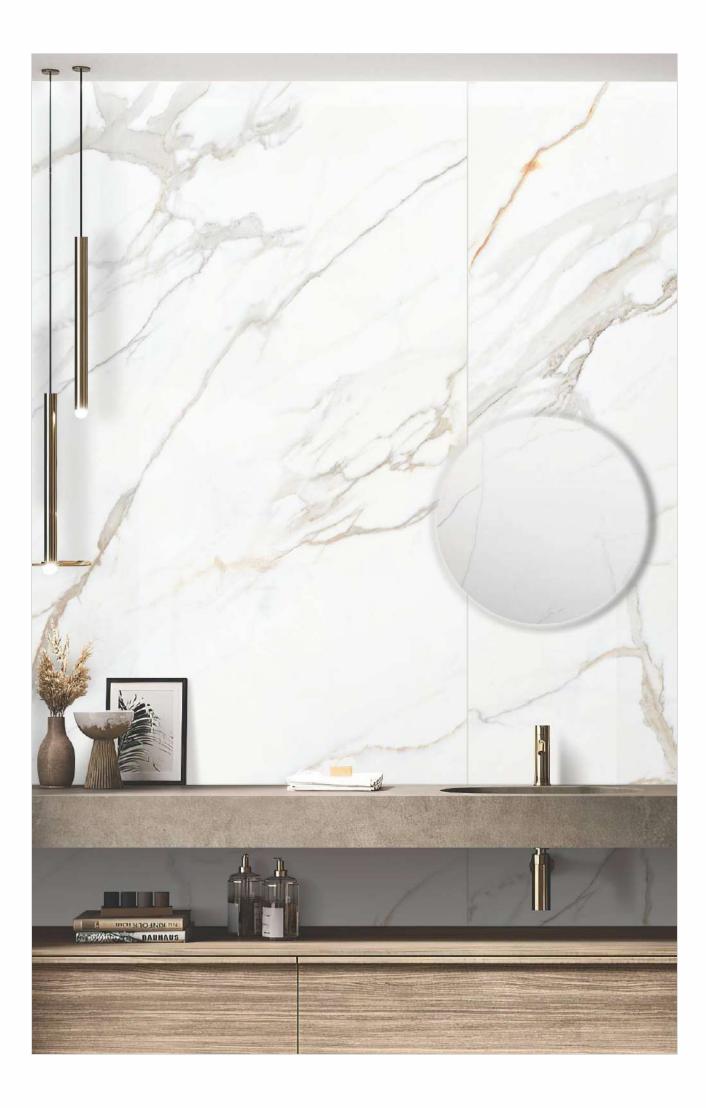
Body Type: **Green Body**



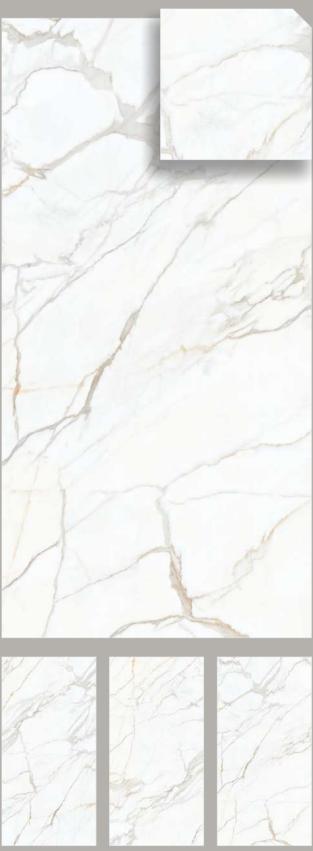
2 Random

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Calacatta **Luna**



160x 320cm

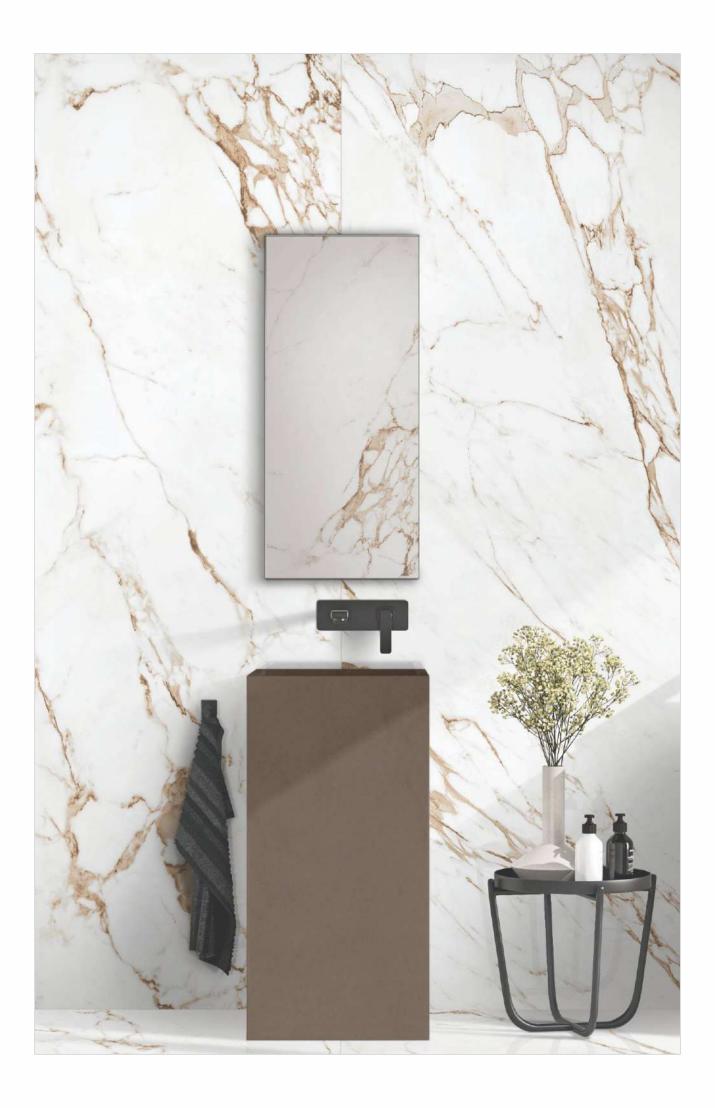
Available Finishes :
- Crystal , - Sahara
- Soft Satin

Thicknesses: 12mm | 20mm

Body Type: White Body

3 Random





+ Carpecia **Gold**



160x 320cm

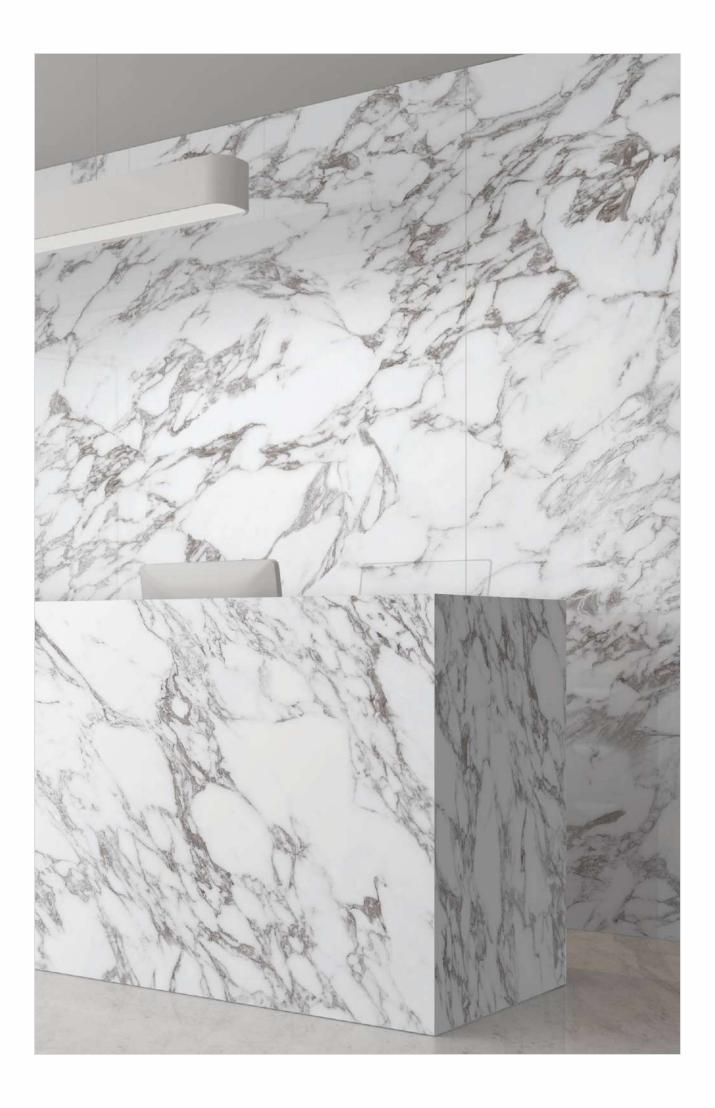
Available Finishes:
- Crystal, - Sahara
- Soft Satin

Thickness: 20mm

Body Type:
Pure White Body

3 Random





+ Arbescato Oscuro



160x 320cm

Available Finishes :
- Crystal , - Sahara
- Soft Satin

Thickness:

12mm

Body Type: White Body

3 Random





+ Piccolo **Venatino**



160x 320cm

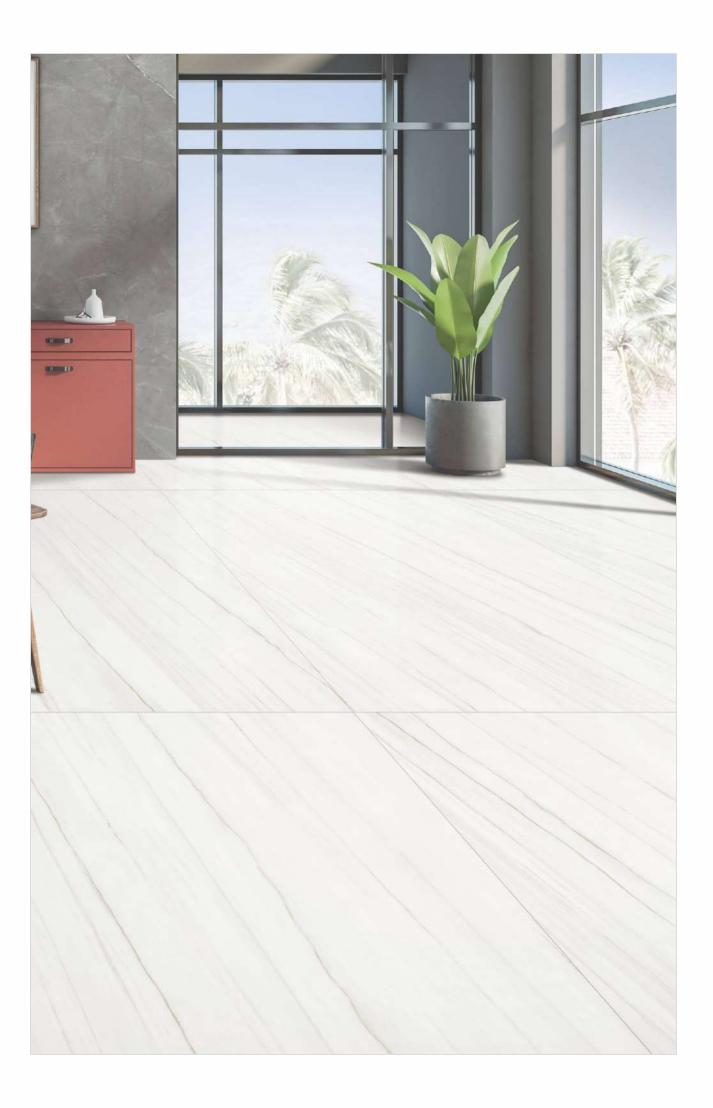
Available Finishes:
- Crystal,
- Soft Satin

Thicknesses: 12mm | 20mm

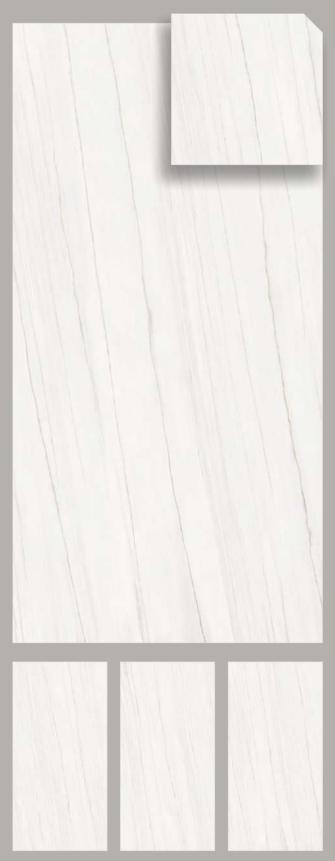
Body Type: White Body

3 Random





+ Bianco **Lasa**



160x - 320cm

Available Finish:

- Sahara

Thickness:

12mm

Body Type: White Body

3 Random





+ Luxor



160x - 320cm

Available Finish :



Thickness:

Body Type:
White Body



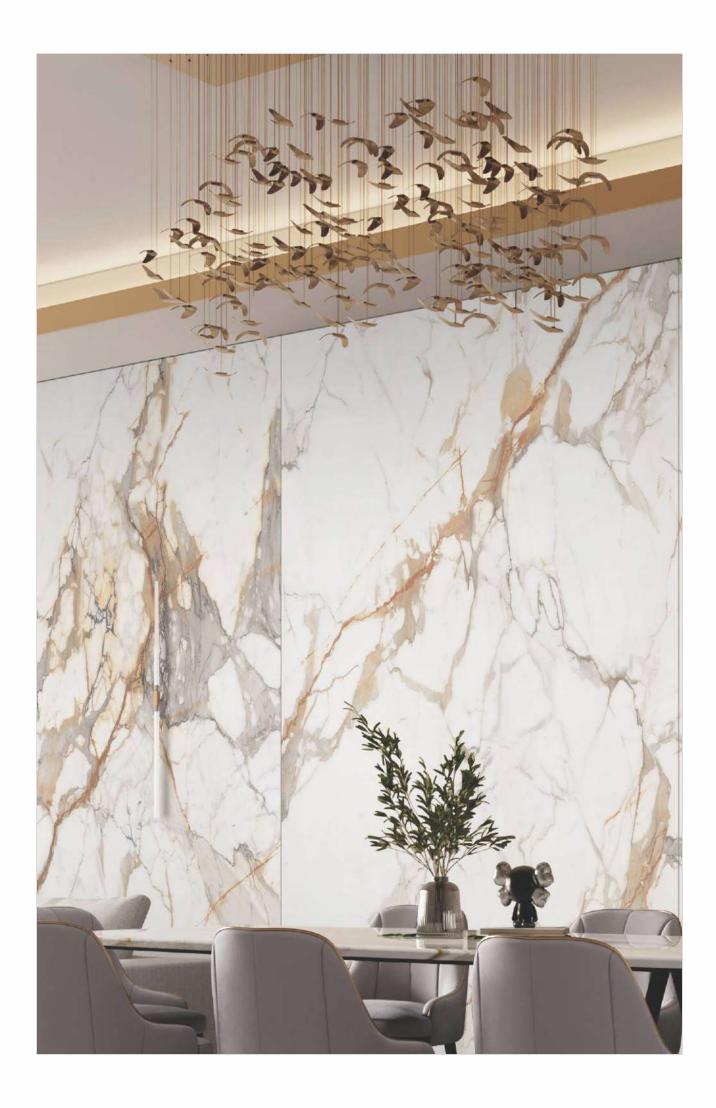
3 Random





Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Roman Classic





Available Finish:

- Sahara

Thickness: 20mm

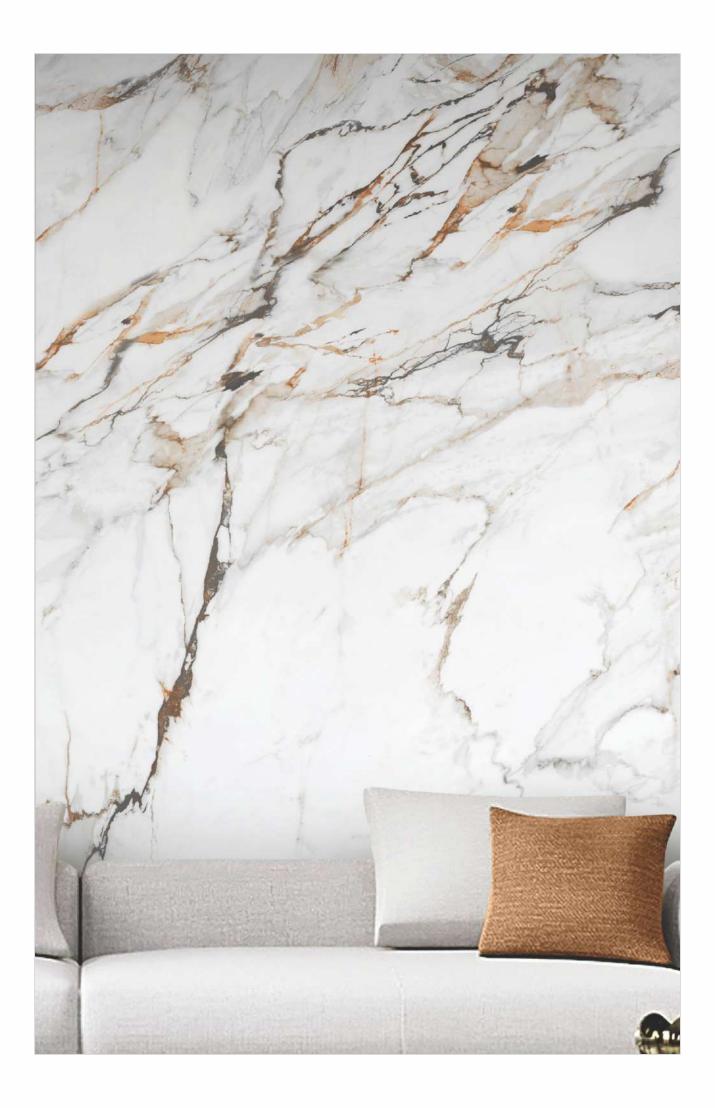
Body Type:
Pure White Body



2 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Bianca **Fanta**





Available Finish :

- Sahara

Thickness:

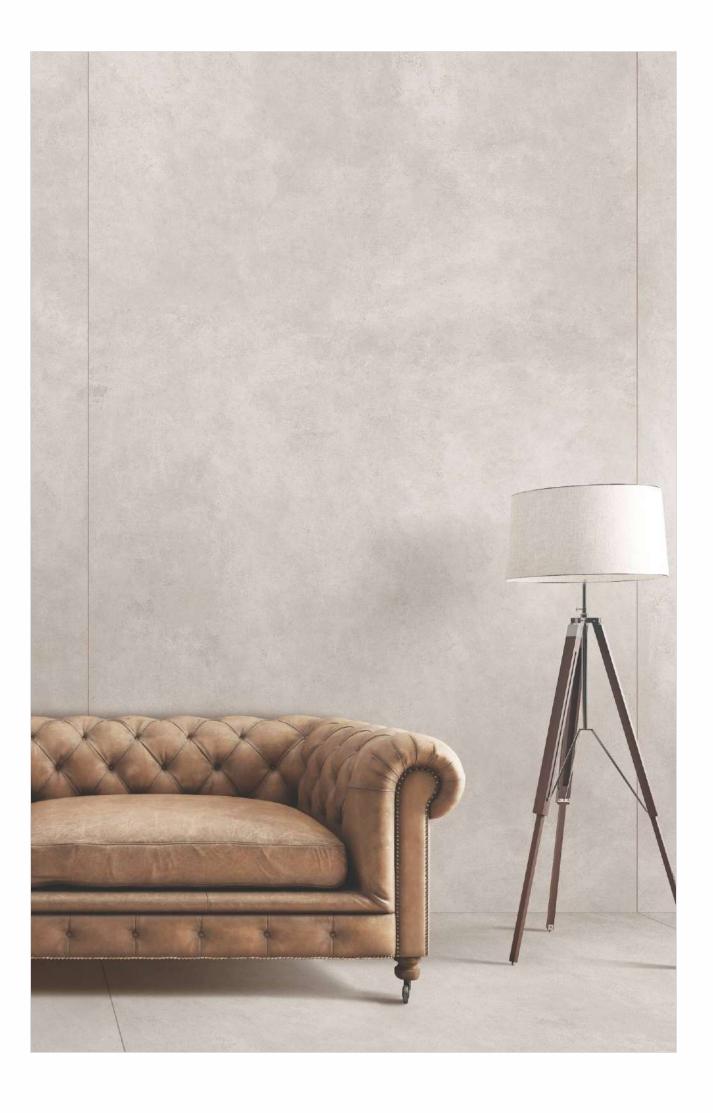
Body Type:
Pure White Body



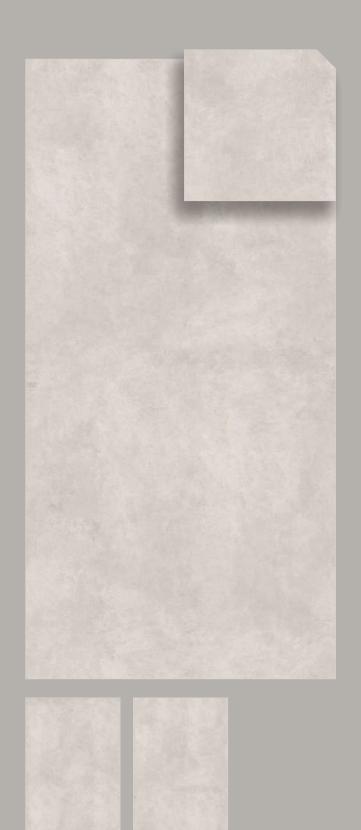
2 Random

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Krater **Perla**





Available Finish:

- Sahara

Thickness: 12mm

Body Type: Ivory Body

2 Random





+ Krater Ceppo





Available Finish :
- Sahara

This language

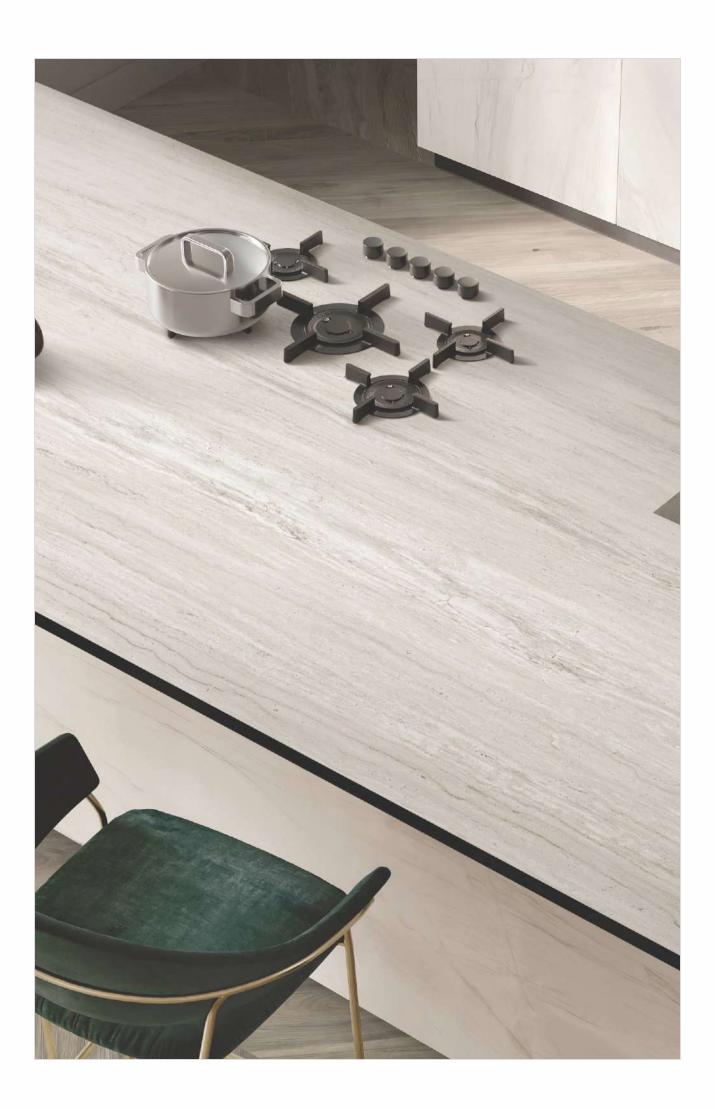
Thickness:

Body Type:
Ash Grey Body



2 Random





+ Travertino Navona **Crema**



160x - 320cm

Available Finish:

- Sahara

Thickness:

12mm

Body Type:
Ivory Body

3 Random





+ Travertino Navona **Grey**



160x 320cm

Available Finish:

- Sahara

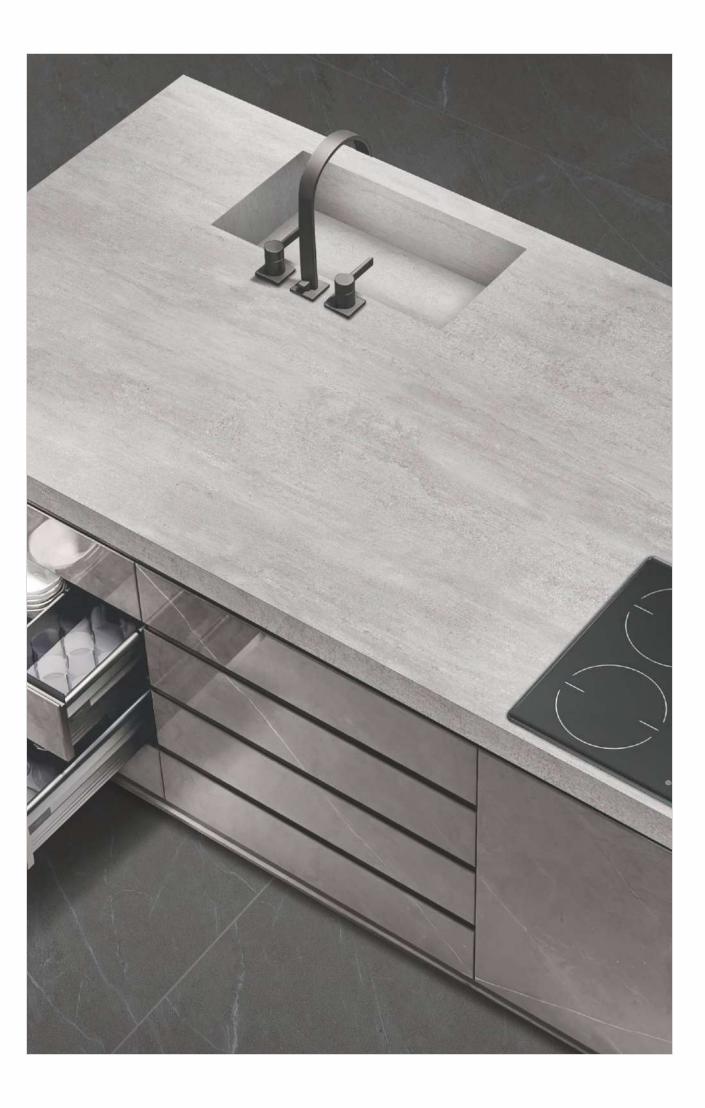
Thickness:

- 12mm

Body Type:
Ash Grey Body

3 Random



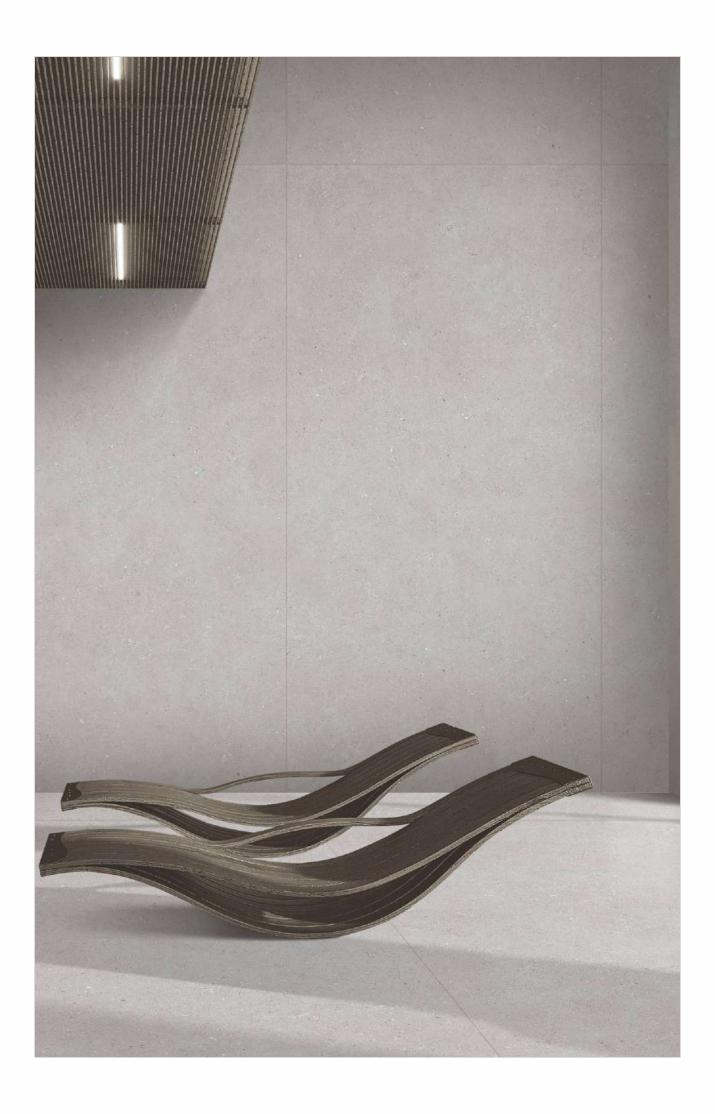


+ Concrete **Grey**









+ Terra Stone **Light**





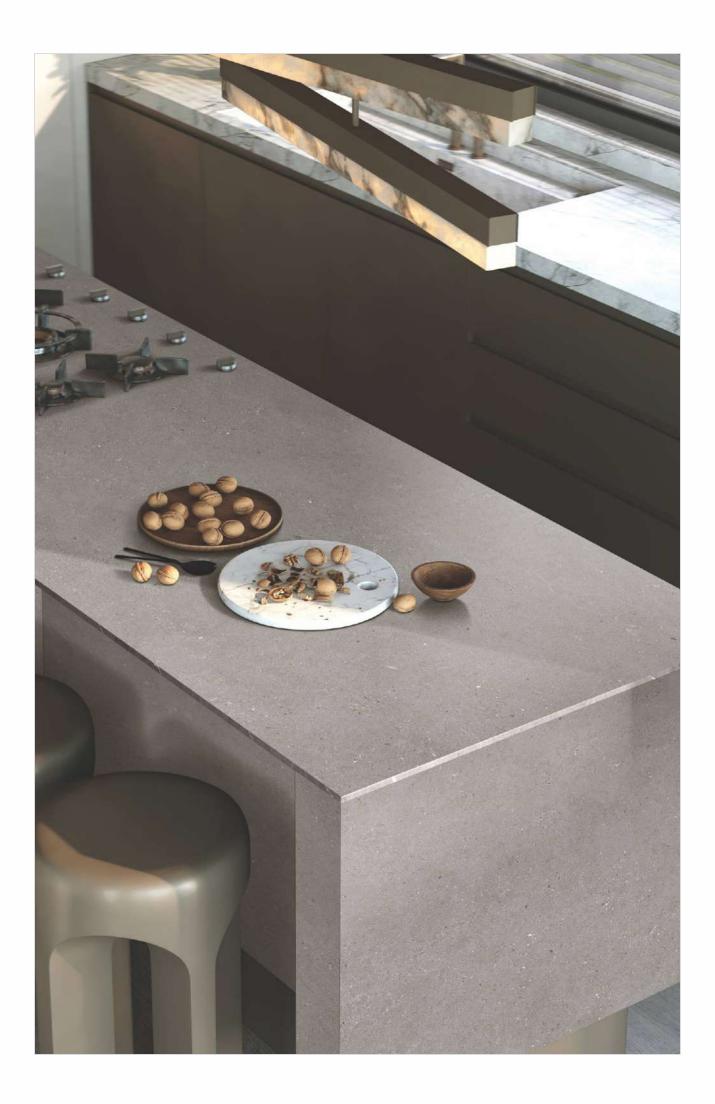
Available Finish : - Sahara

Thickness: 12mm

Body Type: **Ash Grey Body**

3 Random





+ Terra Stone **Grey**



160x 320cm

Available Finish : - Sahara

Thickness: 12mm

Body Type: **M Grey Body**

3 Random





+ Repoline **Beige**





Available Finish : - Sahara

Thickness: 12mm

Body Type: Ivory Body



2 Random





+ Elegant **Grey**





Available Finish :
- Sahara

Thicknesses:
12mm | 20mm





+ Silver **River**





Available Finish:

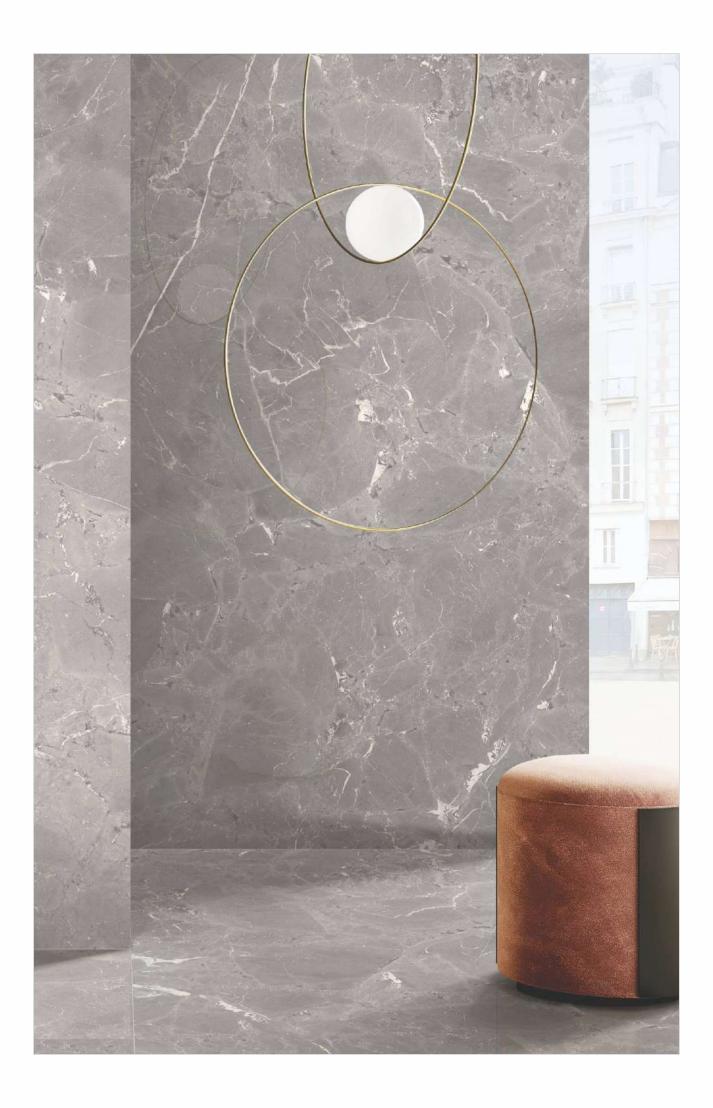
- Sahara

Thickness: 12mm

3 Random

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Claros Grey



160x 320cm

Available Finish : - Sahara

Thickness: 12mm

3 Random

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Desert Grey





160x 320cm

Thickness: 12mm

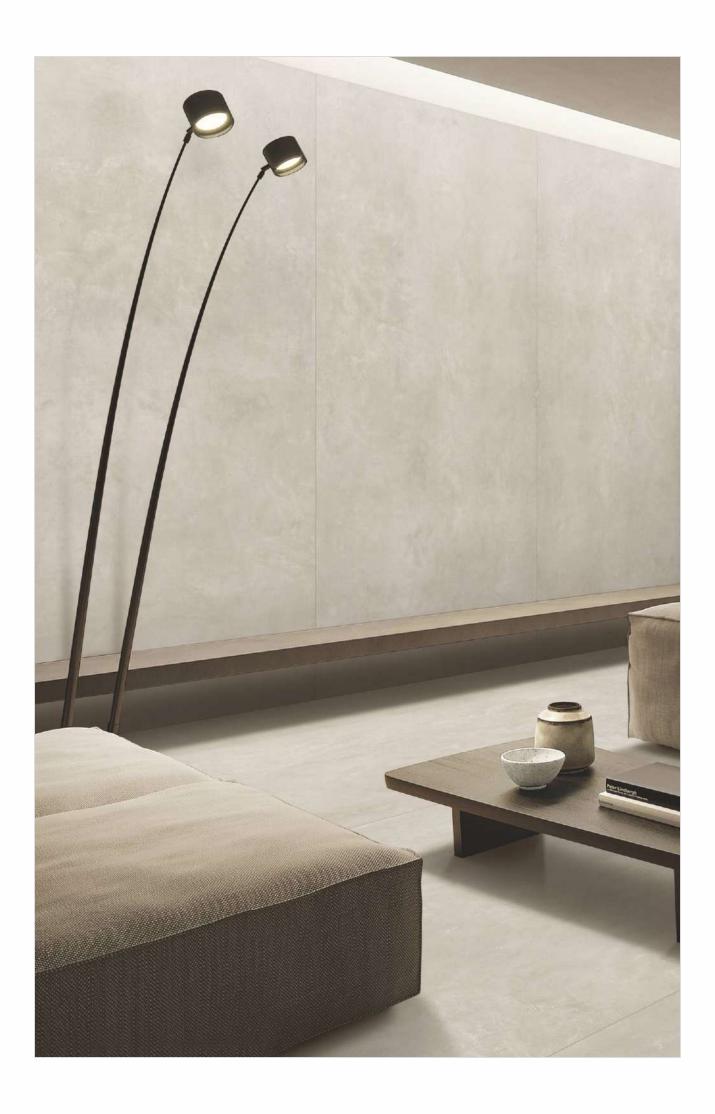
Body Type: **Ash Grey Body**

Available Finish : - Sahara

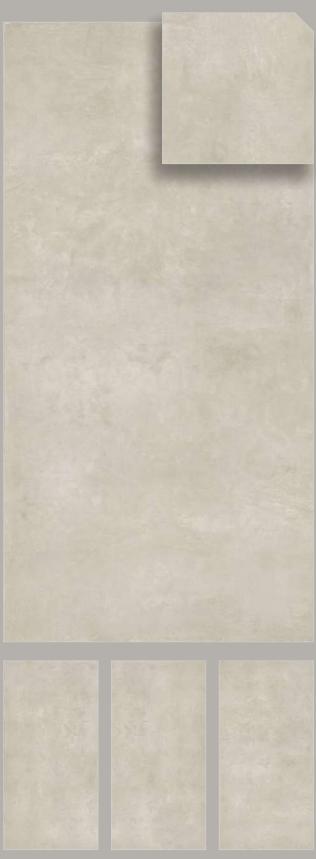
Applications Area: Floor | Wall | Facade | Commercial | Counter top

3 Random





+ Cemento **Beige**



160x 320cm

Available Finish : - Sahara

Thickness:

12mm

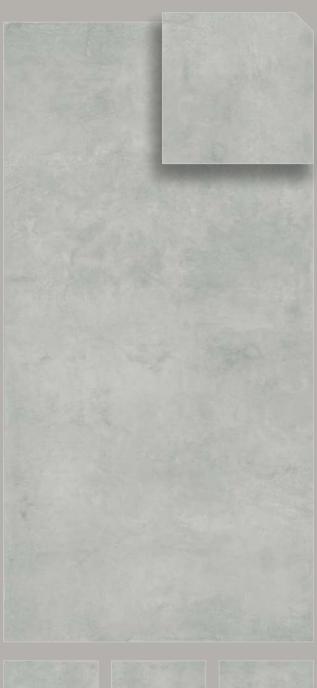
Body Type: Ivory Body

3 Random





+ Cemento Olive





Available Finish :
- Sahara

Thickness:

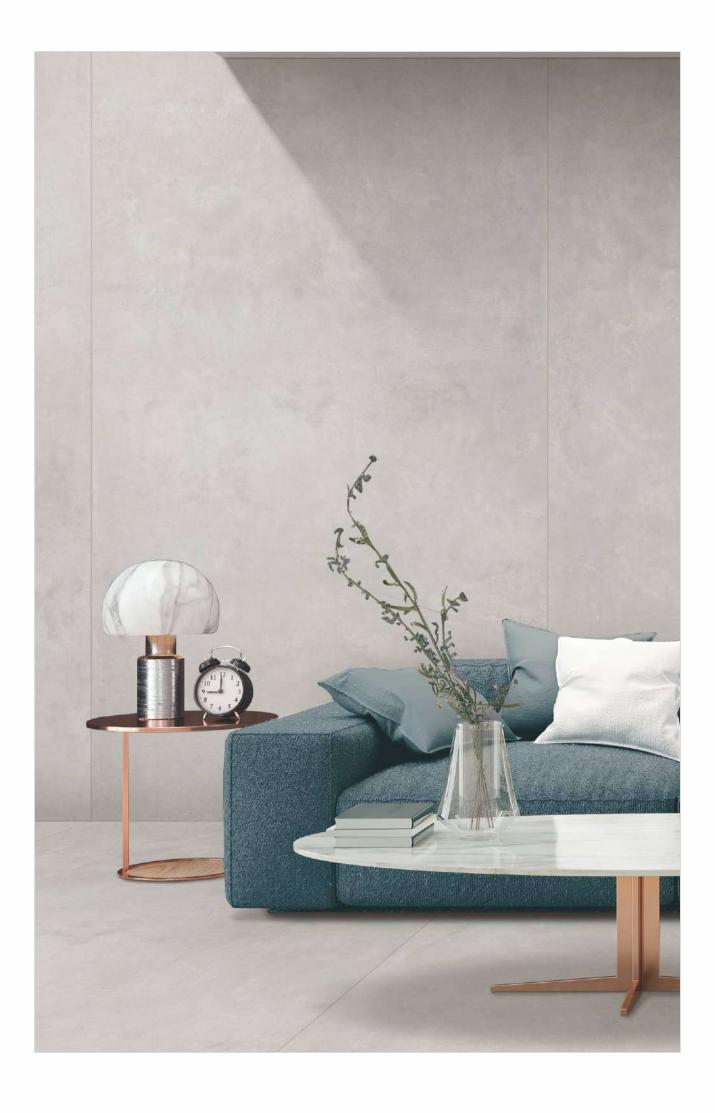
† 12mm



3 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Cemento **Light**



160x 320cm

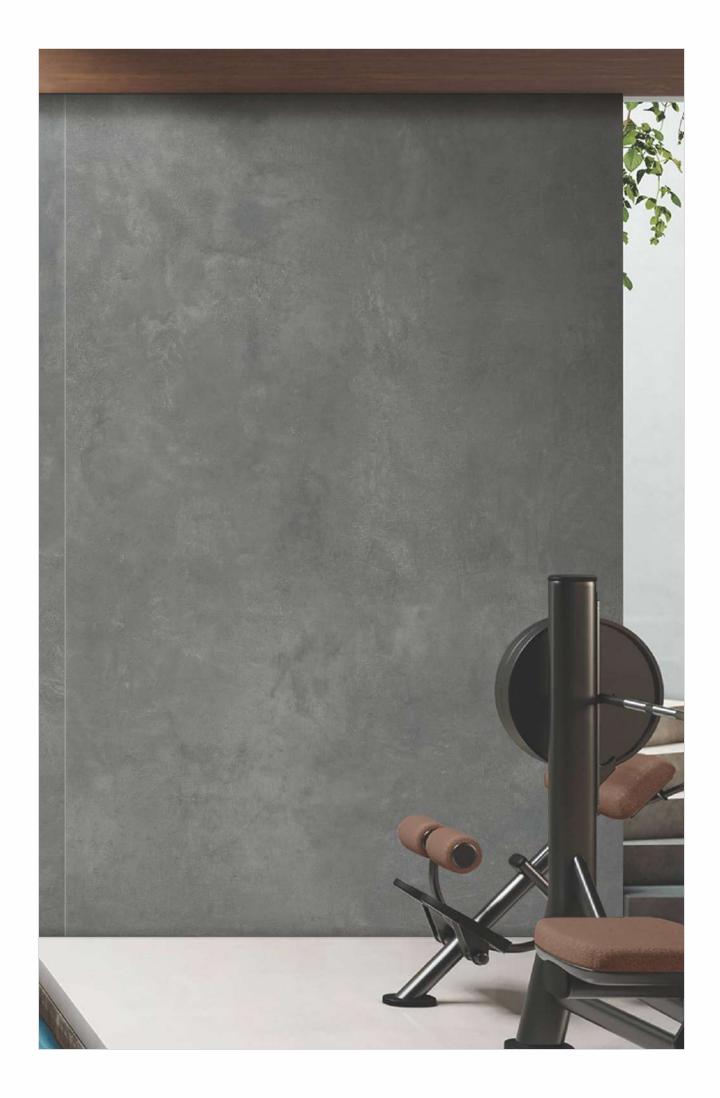
Thickness: 12mm

Body Type: **Ash Grey Body**

Available Finish : - Sahara

3 Random





+ Cemento **Antracite**

160x 320cm

- Sahara

Thickness: **12mm**

Body Type: **M Grey Body**

Available Finish:



3 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Rivero Polver





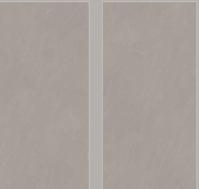
Available Finish :
- Sahara

This language

Thickness:

- 12mm

Body Type:
Ash Grey Body



2 Random





+ Rivero **Ossido**





Available Finish :
- Sahara

– Sanarc –

Thickness:

Body Type:
Black Body

2 Random





+ Moncayo **Grey**



160x 320cm

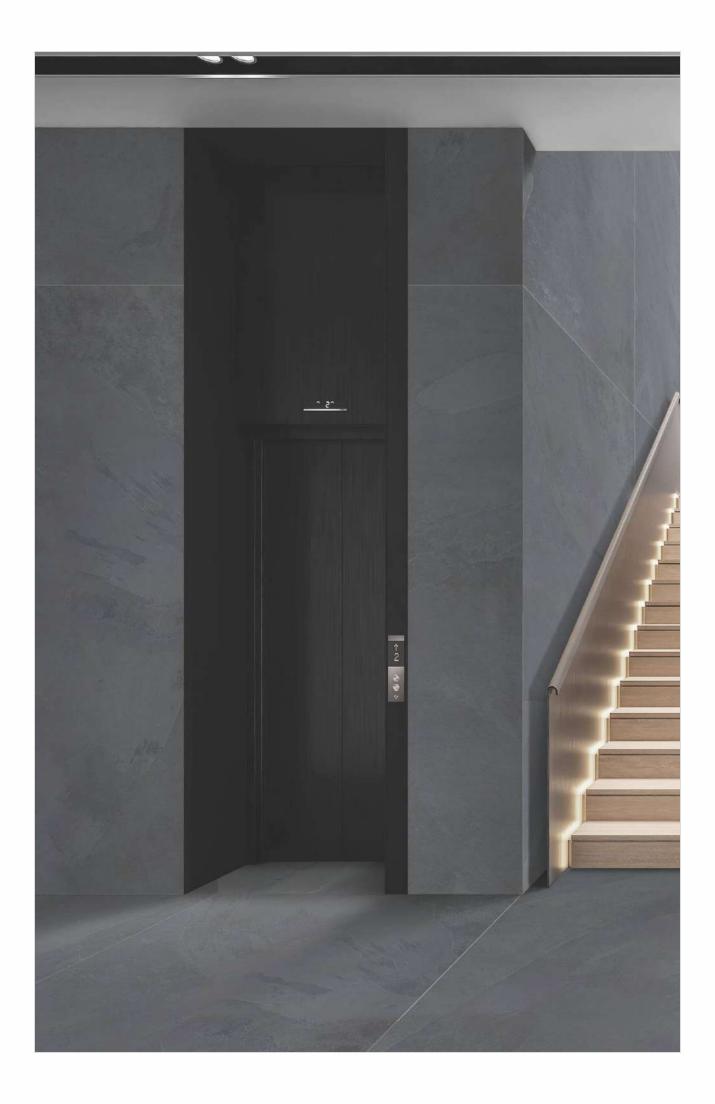
Available Finish : - Sahara

Thickness: 12mm

Body Type: **Ash Grey Body**

4 Random





+ Pizzara **Slate**



160x 320cm

- Sahara

Thicknesses: 12mm | 20mm

Body Type: Black Body

Available Finish:





+ Pietra **Grey**



160x 320cm

Available Finishes :
- Crystal ,
- Sahara

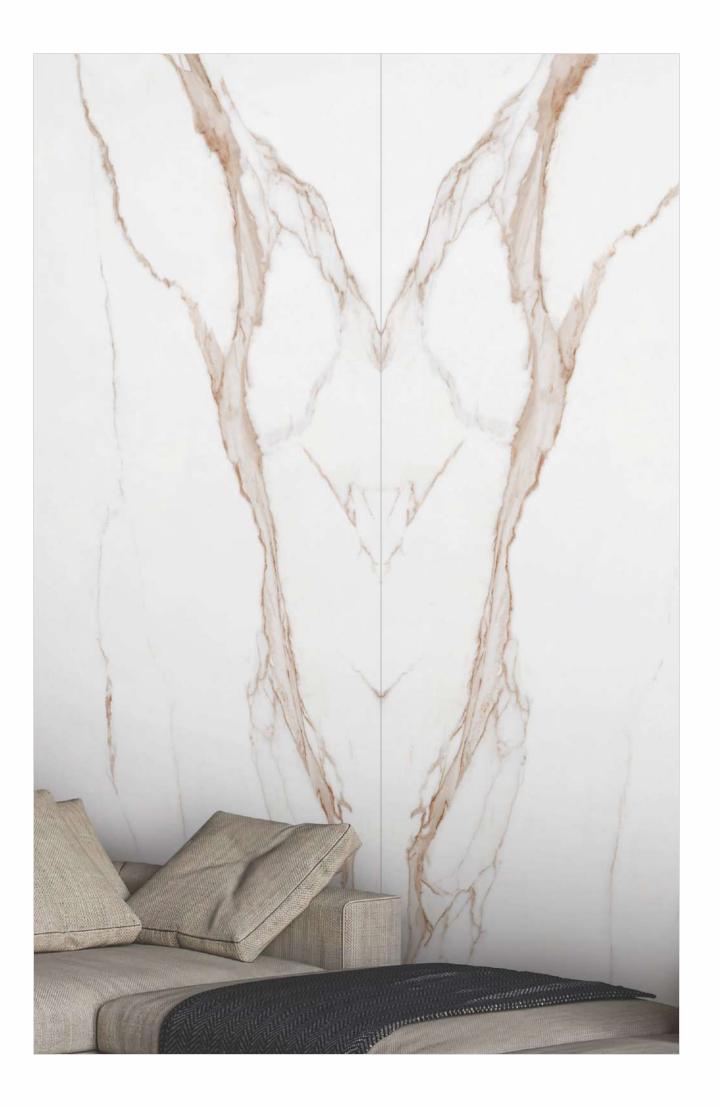
Thickness:

20mm

Body Type: **M Grey Body**

3 Random





+ Calacatta **Oro**



160x 320cm

Available Finishes :
- Crystal ,
- Sahara , - Soft Satin

Thicknesses: 12mm | 20mm

Body Type: White Body



Bookmatch A+B





+ Calacatta **Nero**



160x 320cm

Available Finish:

- Sahara

Thickness:

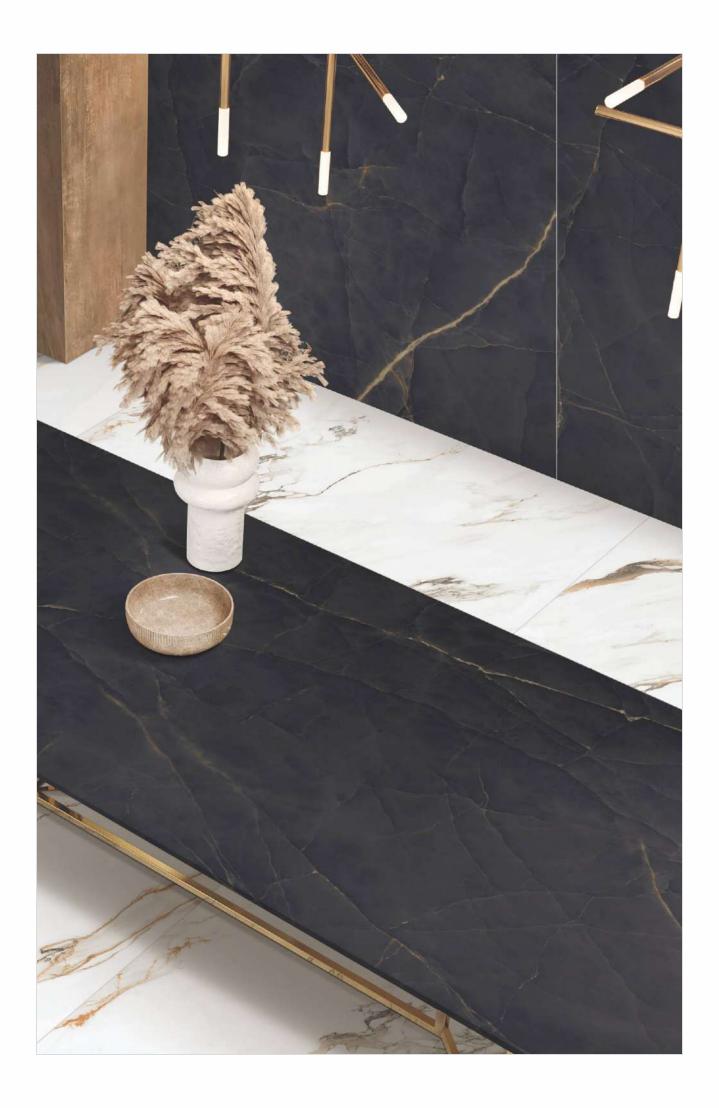
- 12mm

Body Type:
Black Body

3 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Arancio Onxy **Black**





Available Finish : - Sahara

Thicknesses: 12mm | 20mm

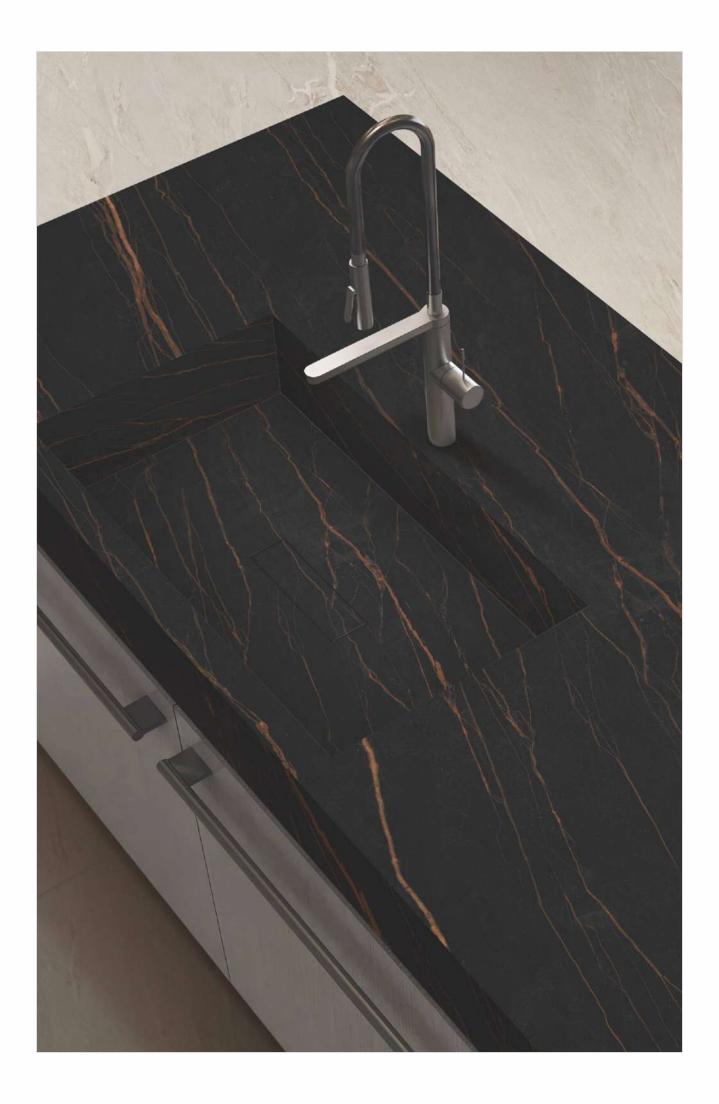
Body Type: Black Body



2 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Laurent **Natural**



160x 320cm

Available Finish:

- Sahara

Thickness: 20mm

Body Type: Black Body

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Portoro Black





Available Finish :
- Sahara

Thickness:

Body Type:
Black Body



2 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Rome





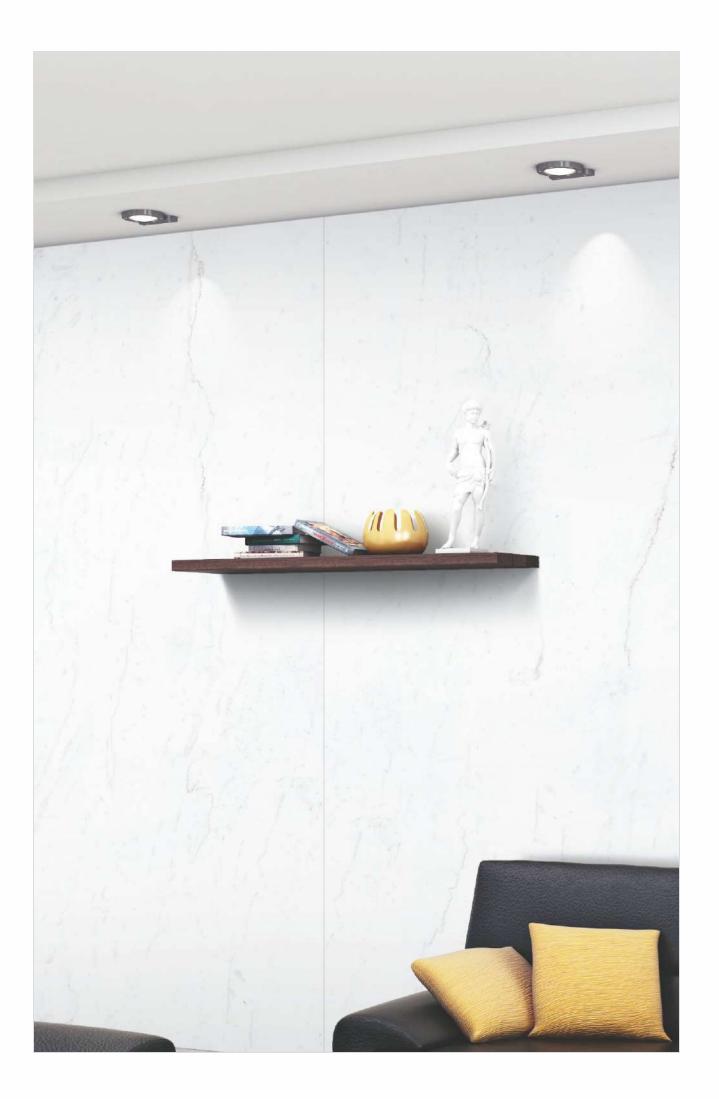
Available Finish : - Soft Satin

Thickness: 20mm

Body Type:
Pure White Body

Bookmatch A+B





+ Delicato



160x 320cm

Available Finishes :
- Crystal , - Soft Satin ,
- Sahara

Thicknesses: 12mm | 20mm

Body Type: White Body

3 Random





+ White **Macaubas**



160x 320cm

Available Finish :
- Soft Satin

Thickness:

Body Type:
Pure White Body





+ Ice Burg **Blanco**





Available Finish : - Soft Satin

Thickness:

Body Type:
White Body



2 Random





+ Patagonia **Gold**





Available Finish : - Soft Satin

Thickness: 20mm

Body Type:
Pure White Body

Bookmatch A+B





+ Linea Stone **Crema**





Available Finish:

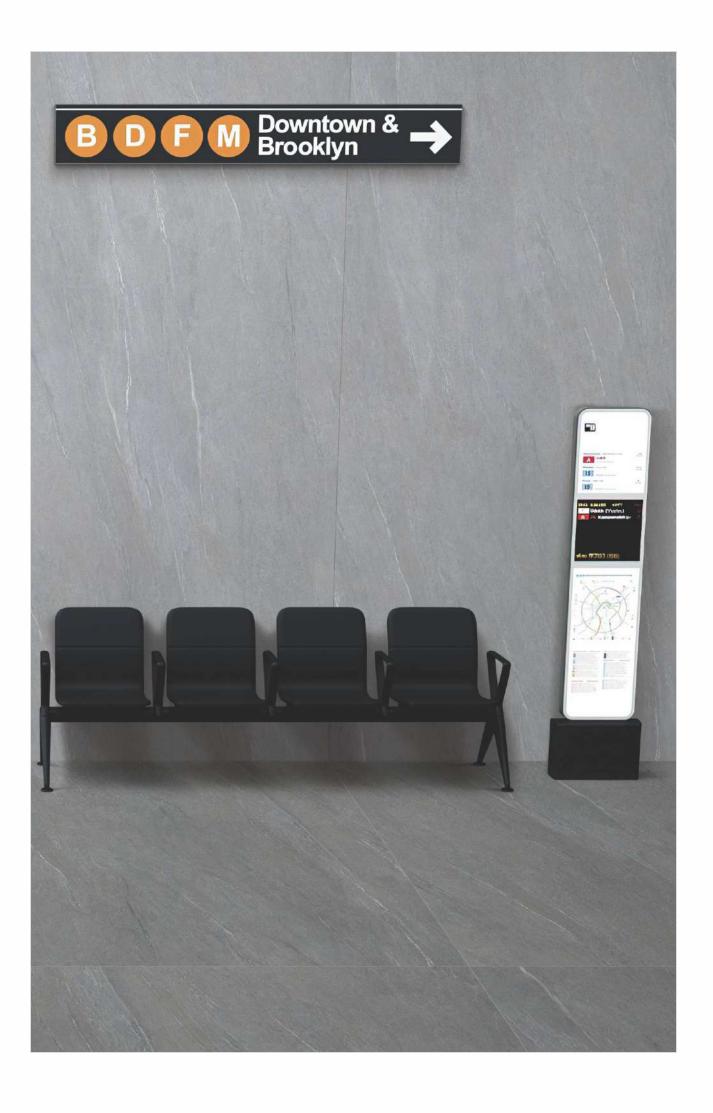
- Gravel

Thickness: 12mm

Body Type: Ivory Body

2 Random

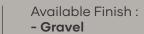




+ Dayton ${\bf Ash}$







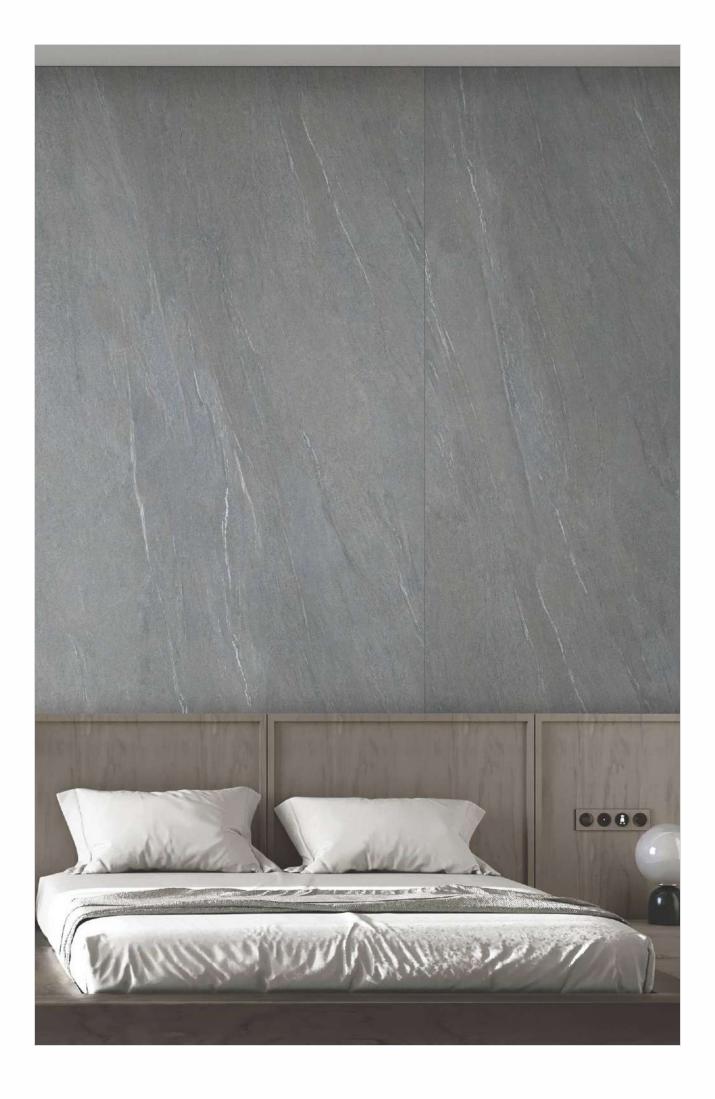


Body Type:
Ash Grey Body



2 Random

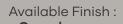




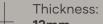
+ Dayton **Natural**







- Gravel



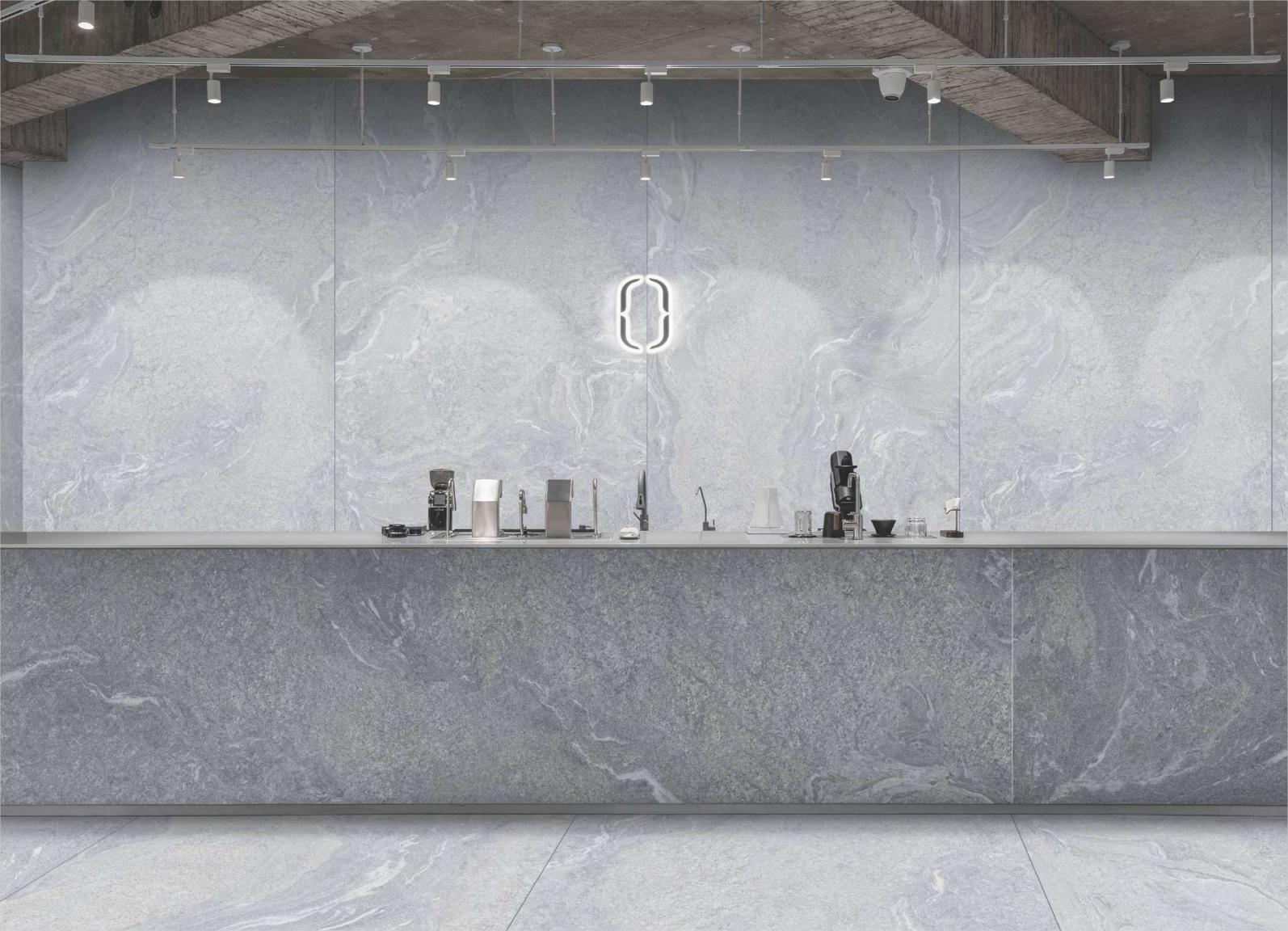
12mm

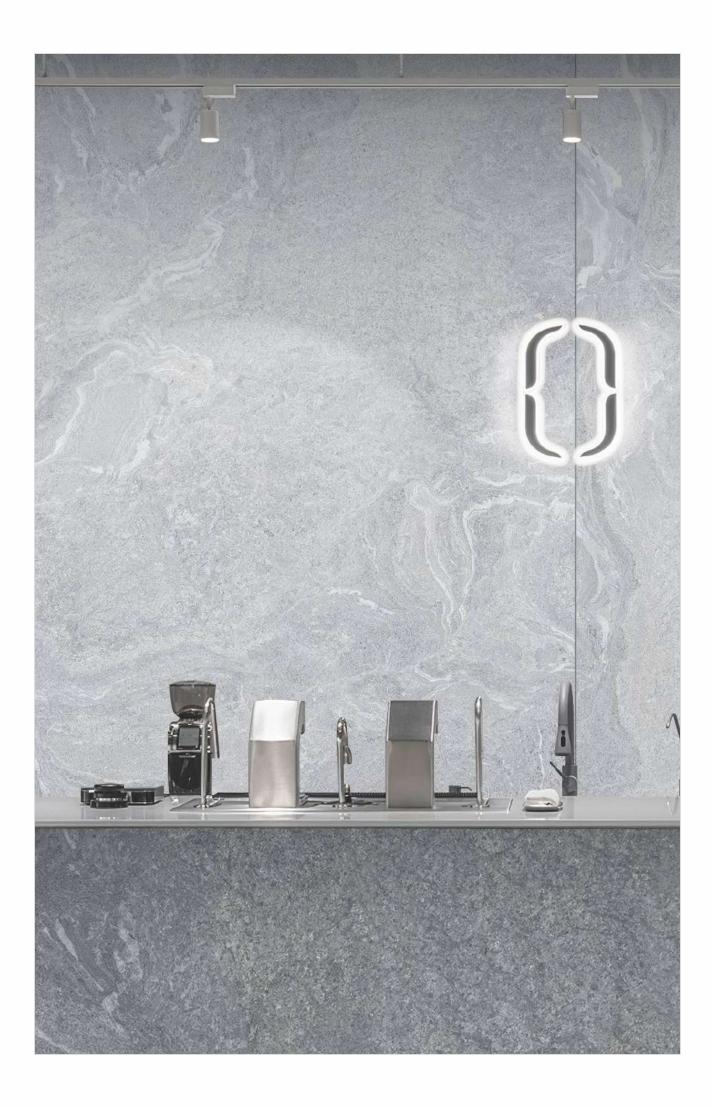
Body Type:
M Grey Body



2 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Pietra Di Vals **Ash**





Available Finish :
- Gravel

_

Thickness:

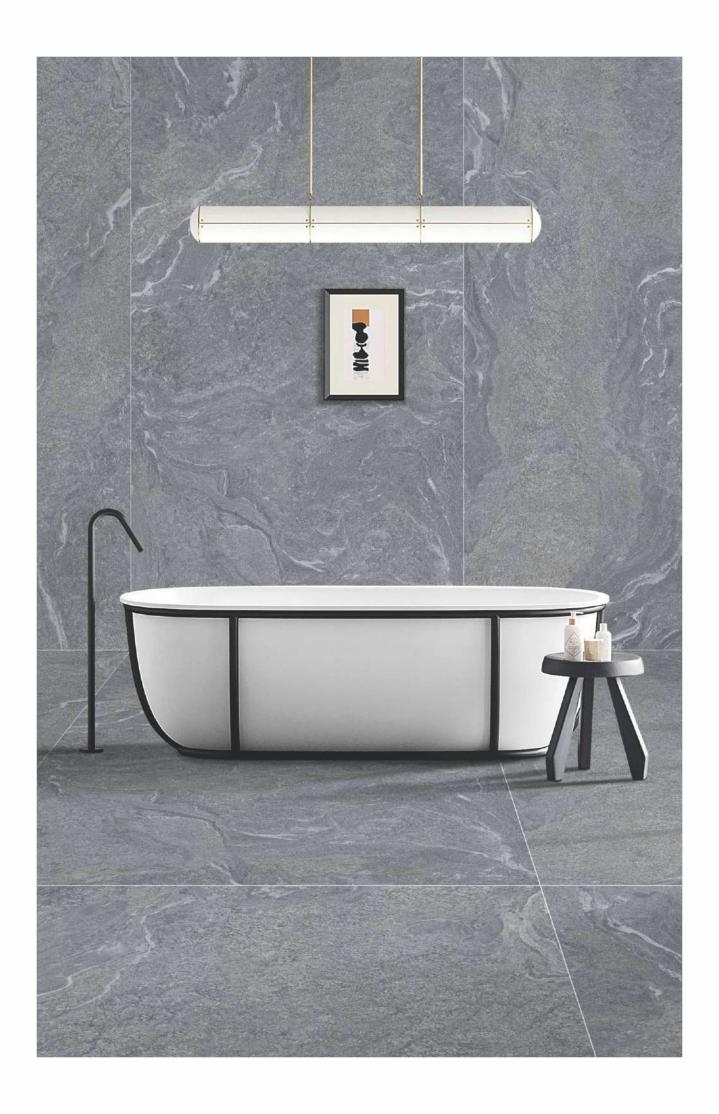
Body Type:
Ash Grey Body



3 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





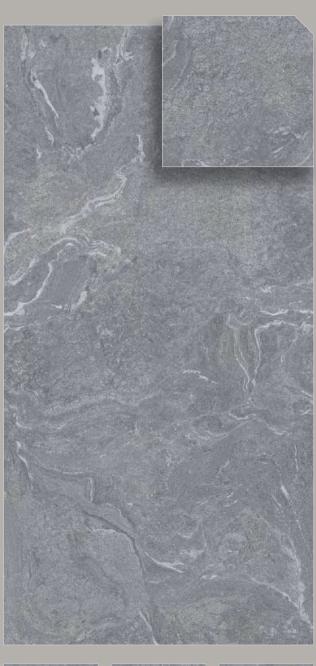
+ Pietra Di Vals **Grigio**

160x 320cm

Thickness: 12mm

Body Type: **M Grey Body**

Available Finish : - Gravel

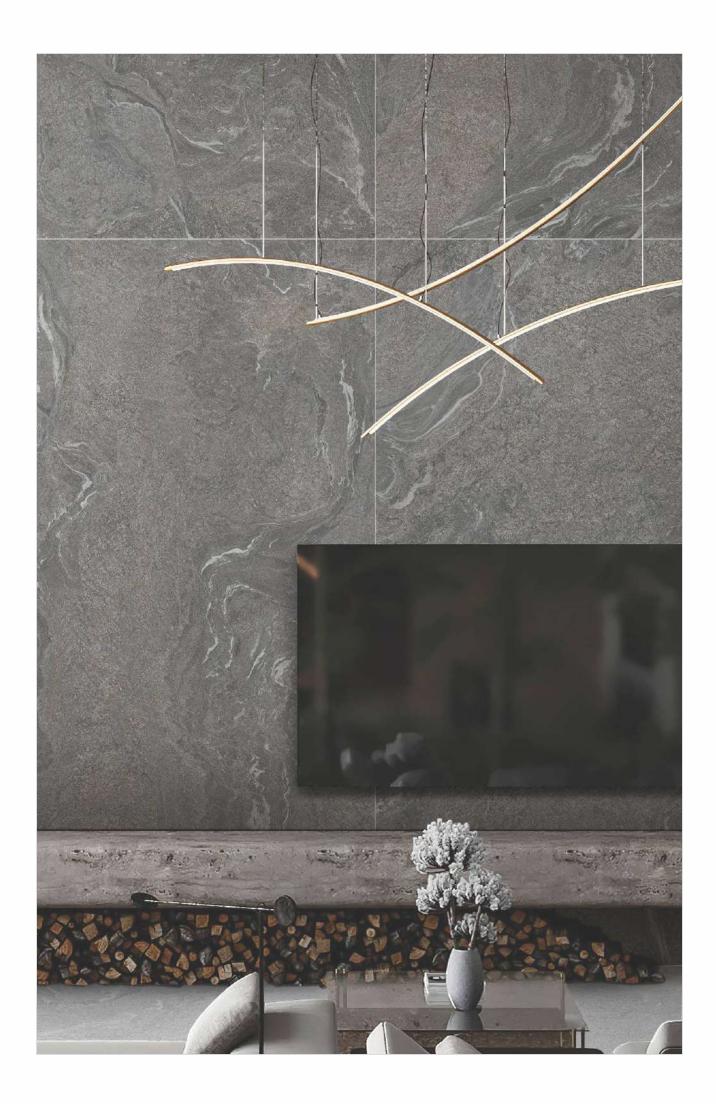




3 Random

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Pietra Di Vals **Scuro**

160x 320cm

- Gravel

Thickness: **12mm**

Body Type: **M Grey Body**

Available Finish:





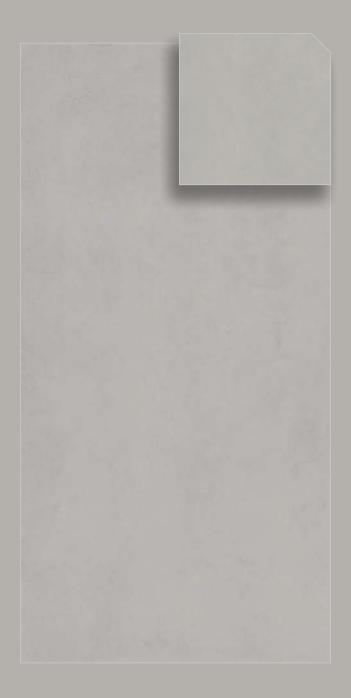
3 Random

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Resin Mirage **Scuro**





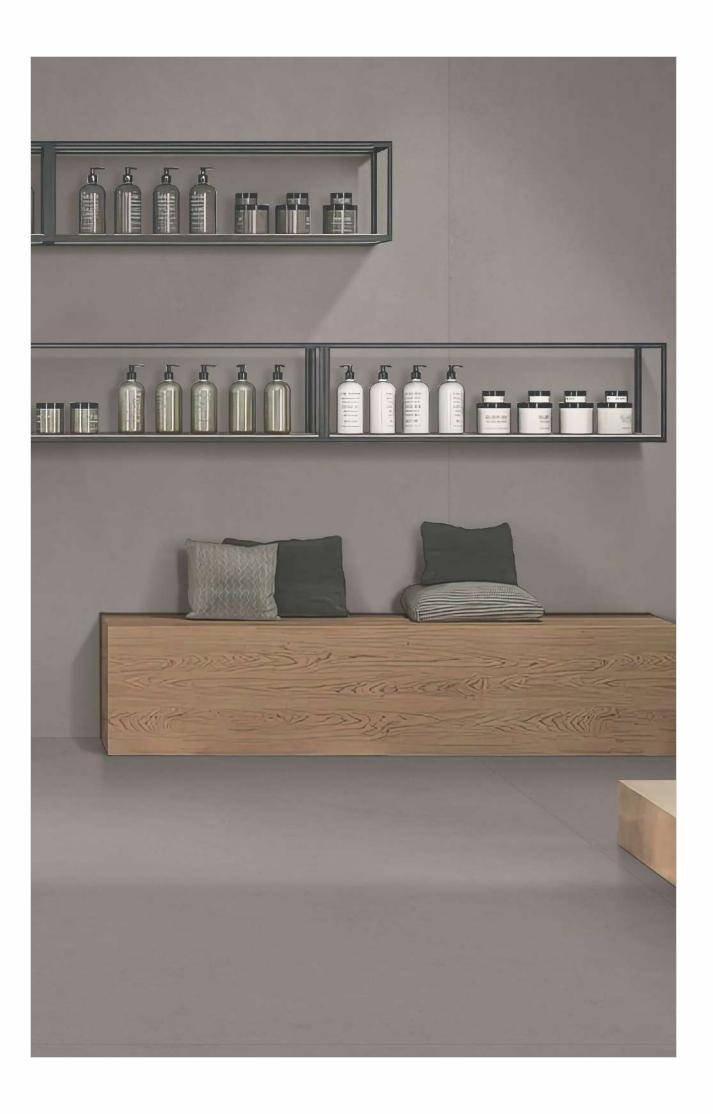
Available Finish : - illusion

Thickness:

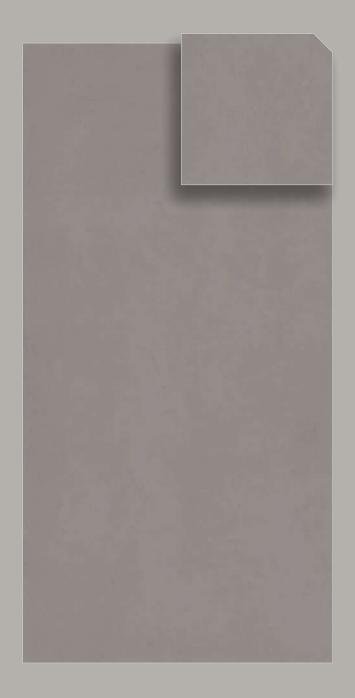
Body Type:

- Ash Grey Body





+ Resin Mirage **Sand**





Available Finish : - illusion

Thickness:

Body Type:
Brown Body





+ Soapstone **Ash**





Available Finish : - illusion

Thickness:

Body Type:
Ash Grey Body



2 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Soapstone **Gris**





Available Finish : - illusion

Thickness: 12mm

Body Type: **M Grey Body**



2 Random

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Soapstone **Nero**





Available Finish :
- illusion

Thickness:

Body Type:
Black Body



2 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Travertine **Beige**



160x - 320cm

Available Finish :
- Shape Tech

Thickness:

Body Type:
Ivory Body

3 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Oak Wood **Beige**



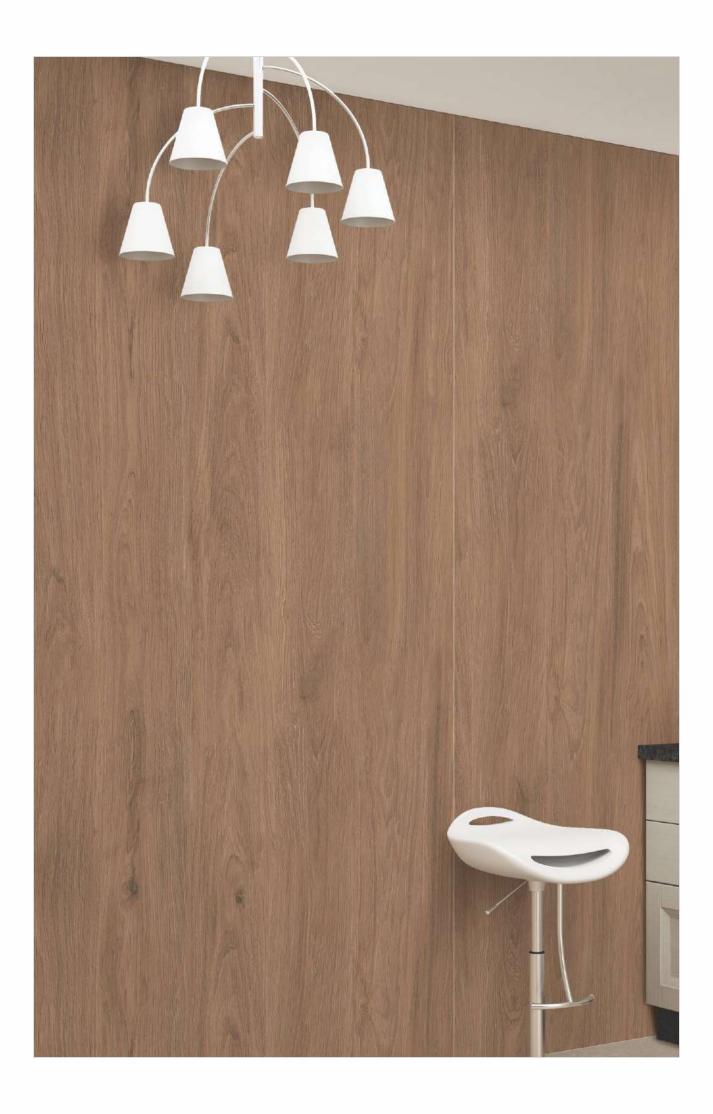
160x 320cm

Available Finish :
- Shape Tech

Thickness: 12mm

Body Type: Brown Body





+ Oak Wood **Natural**



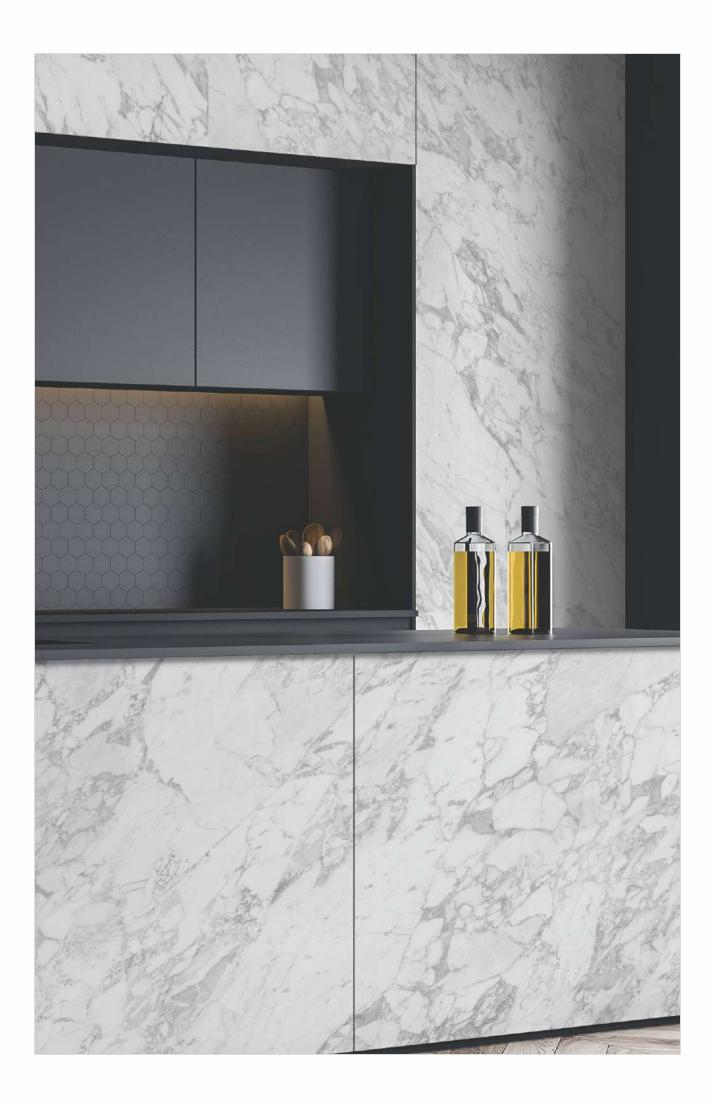


Available Finish :
- Shape Tech

Thickness:

Body Type:
Brown Body





+ Carara Fredo



160x 320cm

Available Finish :
- Shape Tech

I

Thickness:

Body Type:
Pure White Body

3 Random

Applications Area: Floor | Wall | Facade | Commercial | Counter top





+ Alaska **White**





Available Finish:
- Shape Tech

Thickness: 12mm

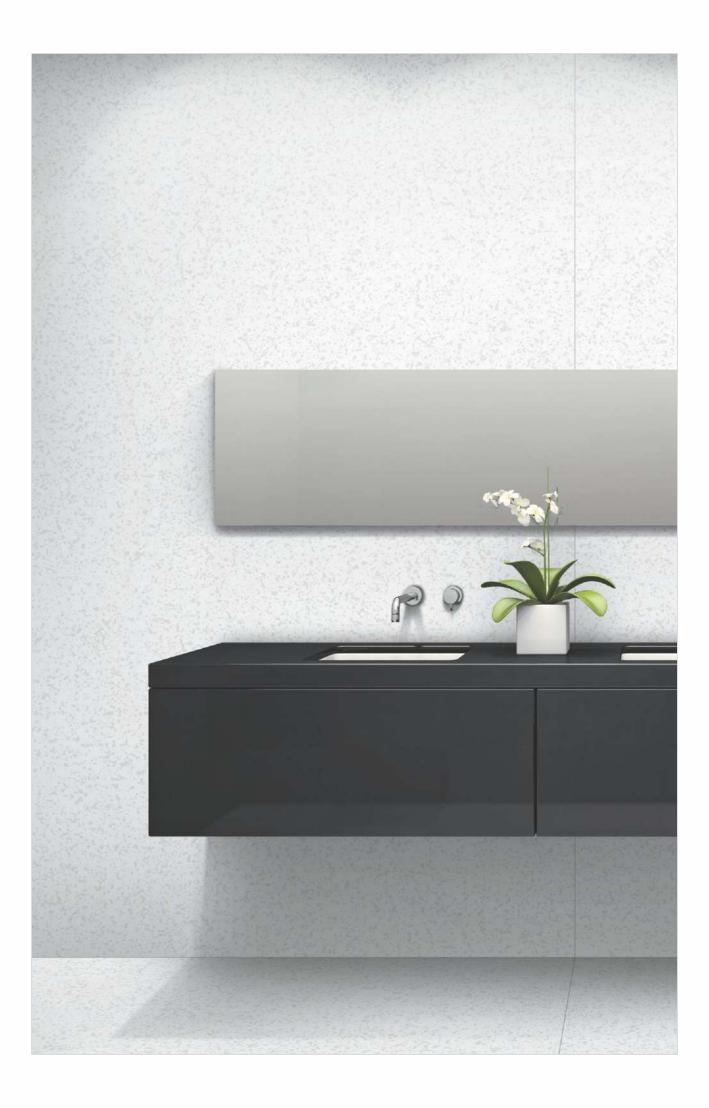
Body Type: Ivory Body



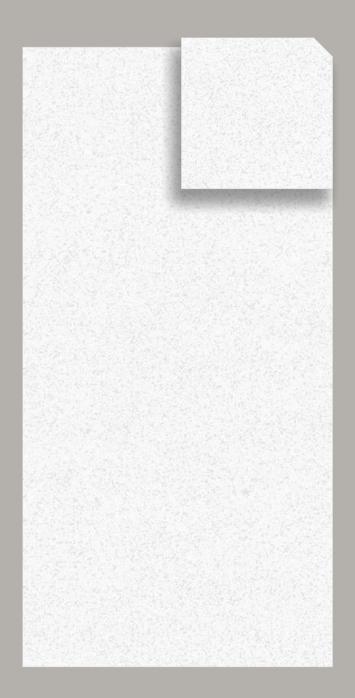
2 Random

Applications Area : Floor | Wall | Facade | Commercial | Counter top





+ Sparkle **White**



160x 320cm

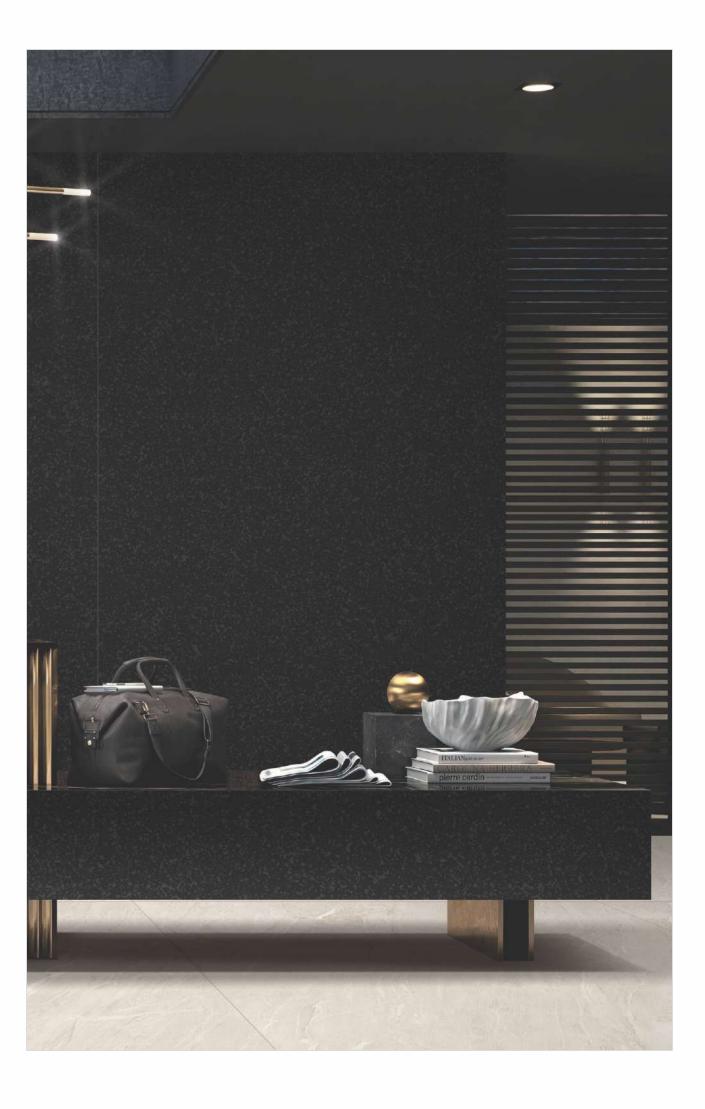
Available Finish : - Metallic

Thickness:

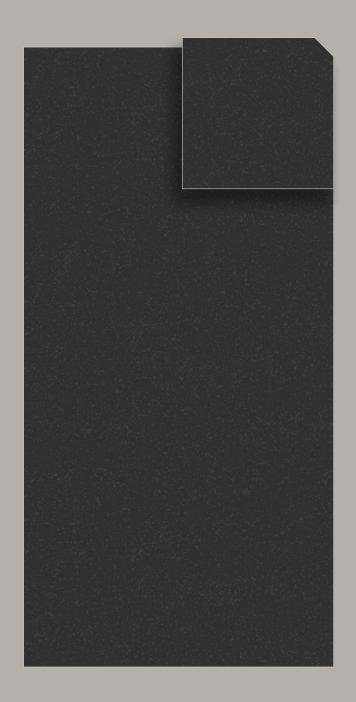
- 12mm

Body Type:
Pure White Body





+ Sparkle **Black**



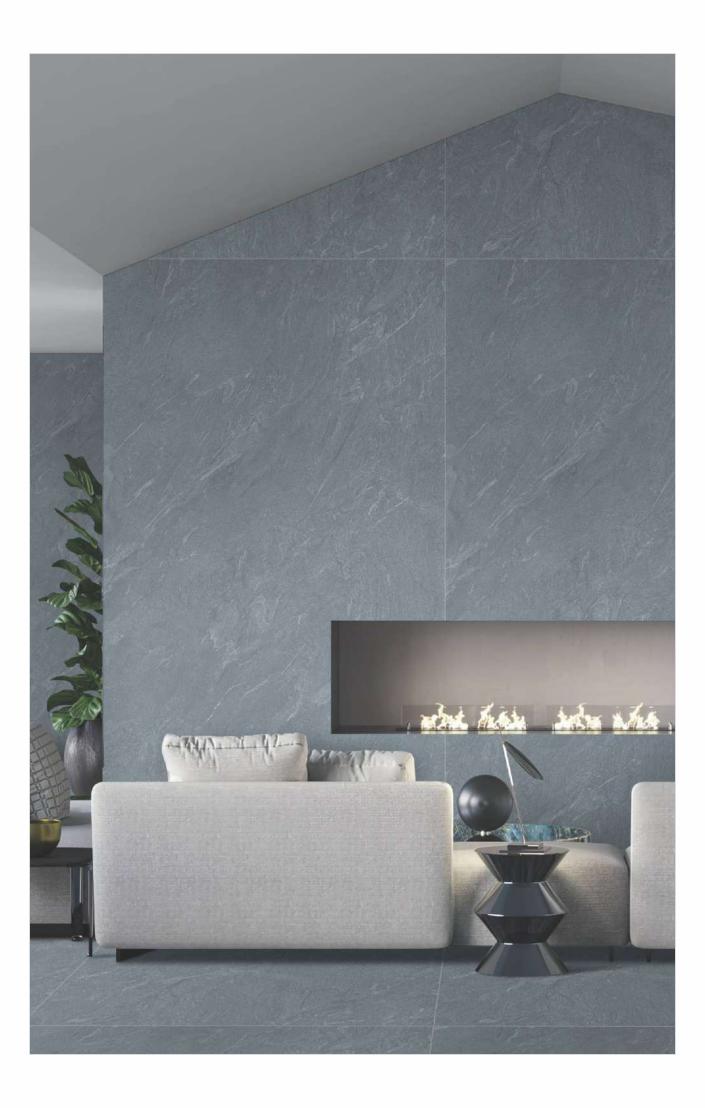


Available Finish : - Metallic

Thickness: 12mm

Body Type: Black Body





+ Michigan **Grey**





Available Finish :
- Shape Tech

Thickness:

Body Type:
M Grey Body



HANDLING AND STORAGE WITHIN A FACTORY OR WAREHOUSE

EQUIPMENT REQUIRED

Forklifts with forks at least 2.5 m long for loading/unloading metal palettes.

Suction cups with frame for handling the slabs or Rubber coated canvas belts or double clamp with overhead crane.

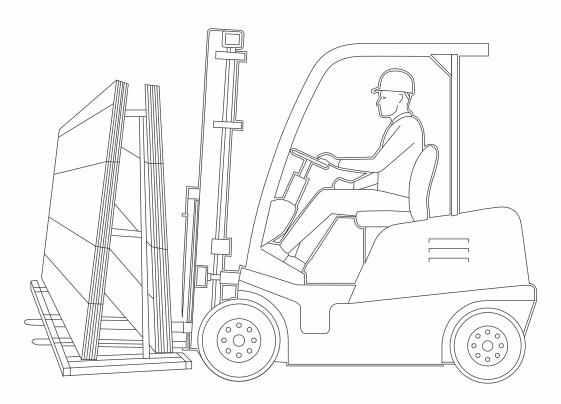
PROCESS

Transporting A-Frames

When handling A-Frames, use a forklift or crane to lift and place the frames at the desired location.

The forks must be inserted centrally into the base of the A-Frames at right-angles to the length of the slabs, with both forks fully inserted into the A-frame to maintain balance.

Do make sure the frame is stable before moving the forklift. It is recommended to keep the frame safely close to the ground whilst moving the frame.



Transporting Slabs

Remove any packaging from the slab.

The preferred means of transporting GRANICER slabs is by using a bridge crane and rubber coated canvas belts.

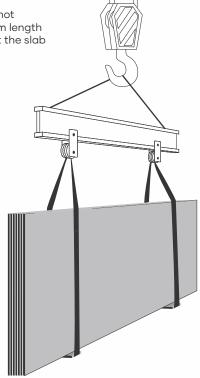
Clamps (as depicted below) can also be used. In case a double clamp is not available, it is recommended to insert a 2cm thick plank of at least 300cm length between the slab and the clamp (on the back side of the slab) to support the slab while transporting.

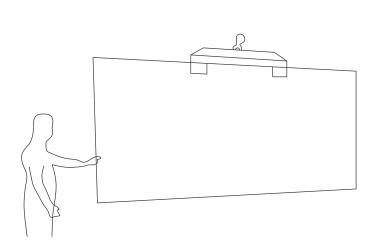
When using a clamp only move one slab at a time.

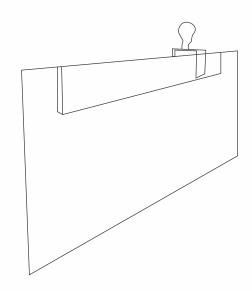
Slabs must always be moved upright.

All movement needs to be done with care and attention to avoid breakage/ splintering. Any sudden movements must be avoided.

The weight of the slab must be distributed evenly across the point of the gripped load so they remain balanced during transportation.







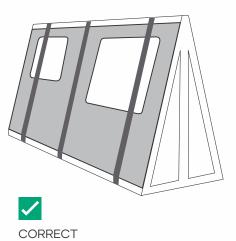


Storing Slabs

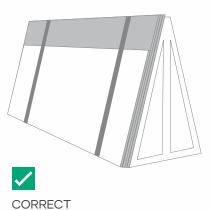
Slabs must always be stored upright The supports used must match the size of the slab and be strong enough to take the weight of the slabs, It is recommended that GRANICER slabs be protected with rubber padding on stands.

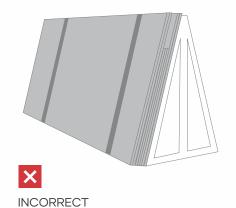
Avoid stacking smaller cut pieces between larger ones.

Do not stack slabs horizontally lying down.





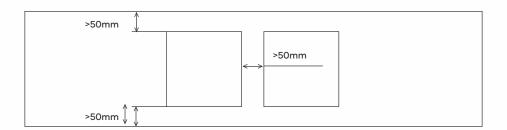




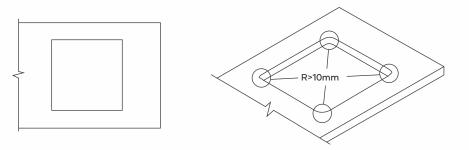
CUTTING

INTERNAL CUT-OUTS AND MINIMUM DISTANCES

All internal openings must be at a distance of at least 5cm from the edges of the slab and from each other.

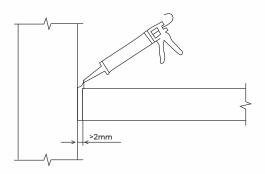


The radius of the internal corners must be greater than 10mm. Right angle internal corners must not be used as they can weaken the structural strength of the countertop, due to the right angles significantly increasing the risk of stress cracking.



The minimum joint gap between the GRANICER slabs and any other adjoining surface (for example, walls, other GRANICER slabs, sink, hob etc) should be atleast 2mm. The 2mm joint gap can be sealed with a colour matched silicone.

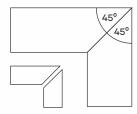
The sealant that is used must be specified to withstand thermal variations if a hob, oven or barbecue is in the same vicinity.

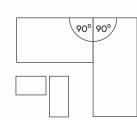


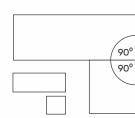


TOPS

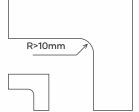
It is recommended that two cut to size slabs are used when making L- shaped tops to avoid the risk of stress cracking from 900 internal angles within a single slab. An L shaped-top can be created in the following three ways, whichever is preferable based on the aesthetics required of the design and the direction of the decor of the specified slab.





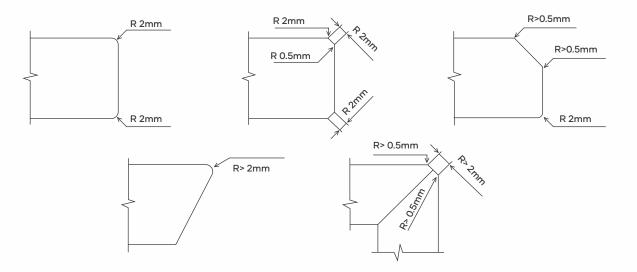


However, if you do choose to specify a single slab to create an L-shaped top, the bend radius must be at least 10mm.



EDGES

The following edges are recommended for both aesthetics and practicality.

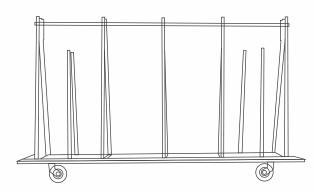


INSTALLATION

ON-SITE HANDLING

The full slab must be in a vertical position whilst being moved around at the installation site. While moving any cut-outs manually, if there, should always be moved!stored vertically facing cutwork upwards when the slab is being transported or is at rest.

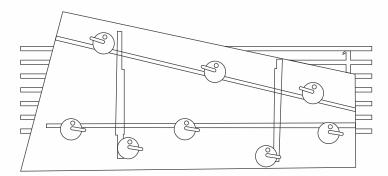
The slab can be moved around using a slab cart or a frame with vacuum suctions which can be rearranged based on the cutting of the slab.













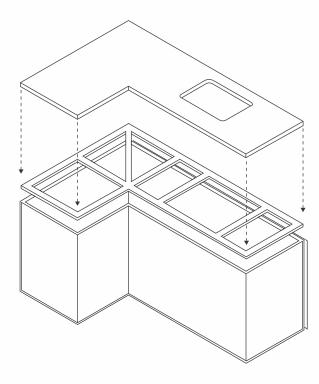


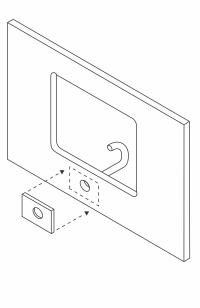
LAYING

Before laying the slabs, please ensure that the base surface is smooth without any debris. It must also be a completely even and level surface.

As noted previously, it is good practice to ensure at least a 2 mm joint gap between any two slabs, or between a slab and another surface or object. The joint gap can be filled with a suitable sealant which matches the base colour of the GRANICER design.

If there are any cut-outs on the slab, they should be supported by reinforcements near the joints and the surface. Any fittings on the slab, such as taps, must also be supported at the drilling site with a reinforcing pad.





BONDING

To bond GRANICER surfaces together it is recommended to use a 2-component epoxy adhesive or Methyl methacrylate adhesive (MMA) in as similar colour to the base colour of the slab as possible.

The following steps ensure a proper bond :

Always clean and dry the surfaces that are to be glued thoroughly.

Attach adhesive tapes on the outer sides of both surfaces to be glued. This can be peeled off later.

Some parameters like the mix ratio, how much time the glue takes to harden after mixing vary from adhesive manufacturer to manufacturer and must be taken note of before eding on with the glueing.

After the two surfaces have firmly glued together, mask the bonded edge with paper masking tape before grinding and polishing the edge.

When installing GRANICER slabs onto other non-porcelain surfaces, either a 2-component epoxy/Polyurethane glue can be used or a polymer-modified mortar (do check if it is specified for large format slabs).

It is recommended to do a sample test first.

TECHNICAL MANUAL

TECHNICAL DETAIL

C	CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 Gr.Bla	STANDARD AS PER IS 15622:2017 Gr.Bla	METHOD OF TESTING	MEAN VALUE OF GRANICER
R	Regulatory Properties				
5 5 5 5 5 6 7 7 7 7 8 7 8 8 8 9 8 9 9 9 9 9 1 9 1 1 1 1 1 1 1 1	Deviation in Length and Width Deviation in Thickness Straightness in Side Rectangularity Surface Flatness Central Curvature Surface Flatness Edge Curvature Surface Flatness Warpage Surface Quality Small Color Difference For Plain Colour) Glazed For Plain Colour) Unglazed	±0.30 % (±1.00 mm) ±5.0 % (± 0.50 mm) ±0.30 % (± 0.80 mm) ±0.30 % (±1.50 mm) ±0.40 % (± 1.80 mm) ±0.40 % (± 1.80 mm) ±0.40 % (± 1.80 mm) >95% defects free ΔE <0.75 ΔE <1.00	±0.10 % ±5.0 % ±0.10 % ±0.10 % ±0.50 % ±0.50 % ±0.50 % >95% defects free N.A. N.A.	ISO 10545-2/ IS 13630-1 ISO 10545-16 ISO 10545-16	±0.10 % ±5.0 % ±0.10 % ±0.10 % ±0.20 % ±0.20 % ±0.10 % >95% defects free No change ΔE <0.80 ≥ 90
V	structural Properties Water Absorption Bulk Density	≤0.50 % As per Manufacturer	≤0.080 % Min 2.20 gm/cc	ISO 10545-3/ IS 13630-2 ISO 10545-3/ IS 13630-2	<0.080 % > 2.28 gm/cc
P	1assive Mechanical Properties				
M E T	Modulus of Rupture Modulus of Rupture (15mm) Breaking Strength Thickness ≥ 7.5 mm Breaking Strength Thickness ≥ 7.5 mm Breaking Strength Thickness ≥ 7.5 mm	Min. 35.0 N/mm² Min. 35.0 N/mm² Min 1300.0 N Min 1300.0 N Min 700.0 N	Min. 35.0 N/mm² Min. 35.0 N/mm² Min 1300.0 N Min 1300.0 N Min 700.0 N	ISO 10545-4/ IS 13630-6 ISO 10545-4/ IS 13630-6 ISO 10545-4/ IS 13630-6 ISO 10545-4/ IS 13630-6	Min. 37.0 N/mm² Min. 40.0 N/mm² Min 1500.0 N Min 6000 N Min 1000.0 N
ı	Thicknešs <7.5 mm				
S	Surface Mechanical Properties				
M	10H'S Hardness #	As per Manufacturer	Min. 5	BS EN 15771/ IS 13630-13	Polished - 4 Min Posh, CRV, Matt - 6 Min StrongX - 8 Min
	Surface Abrasion Resistance # Deep Abrasion Unglazed full body tile)	As per Manufacturer 175 mm3	Min. Class II 140 mm3	ISO 10545-7/ IS 13630-11 ISO 10545-6/ IS 13630-12	Polished- Class II Min Posh, CRV, Matt' - Class III Min StrongX - Class IV Min 132 mm3
	'h a ann al l la ann an atain Dann antinn				
M T Ir	Thermal Hygrometric Properties **Aoisture Expansion** **Thermal Expansion (COE) at 100°C **Thermal Shock Resistance **mpact Resistance (COR) # **Frost Resistance **Crazing Resistance at 7.5 bar	Max 0.06% (0.6 mm/m) As per Manufacturer Min 10 Cycle Min. 0.55 As per Manufacturer 4 Cycle	Max 0.02 mm/m Max. 6.0x10-6 Min 10 Cycle Min 0.55 As per Manufacturer 4 Cycle	ISO 10545-10/ IS 13630-3 ISO 10545-8/ IS 13630-4 ISO 10545-9/ IS 13630-5 ISO 10545-5/ IS 13630-14 ISO 10545-12/ IS 13630-10 ISO 10545-11/ IS 13630-9	Max 0.02 mm/m Max. 6.0x10-6 Min 10 Cycle Min 0.55 Frost Proof 6 Cycle
C	Chemical Properties				
R R R R R R R R R R R R R R R R R R R	Resistance to Staining Glazed Resistance to Staining Unglazed Resistance to Household Chemicals & Resistance to Acid and	Min. Class 3 As per Manufacturer Min Class GB Min Class UB As per Manufacturer As per Manufacturer	Min Class 1 Min Class 2 Min Class AA As per Manufacturer As per Manufacturer As per Manufacturer	ISO 10545-14/ IS 13630-8 ISO 10545-14/ IS 13630-8 ISO 10545-13/ IS 13630-8 ISO 10545-13/ IS 13630-7 ISO-10545-13/ IS 13630-8 ISO-10545-13/ IS 13630-8	Min Class 4/Min Class 1 Min Class 4 Min Class GB/ Min Class AA Min Class UB Min Class GLB*** & GHB***/Min Class A*** Min Class ULB*** & UHB***/Min Class A***
S	Cafety Properties				
])	Skid Resistance - DCOF-WET PENDULUM) ## Slip Resistance - (Ramp test Value)	As per Manufacturer As per Manufacturer	As per Manufacturer As per Manufacturer	ASTM E-303 DIN 51130	Polished: < 0.2 Matt: > 0.3 StrongX: > 0.4 Matt & Posh: R9 - R10 StrongX: R10 R11 Surface: R11
L	ead and Cadmium release	As per Manufacturer	N.A.	ISO-10545-15	R11 Surface: R11 Does not yield Pb & Cd



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