1600x3200mm | 63"x126"
12mm Thickness

Large Format Slabs

Maximal
COLLECTION

Introducing Our Innovation

Step into the world of innovative surface aesthetics. Our emerges as a pinnacle of innovation and sophistication.

Crafted with cutting-edge technology, these surfaces elevate tactile experiences. The refined matt finish embodies luxury and durability.

These surfaces combine technology and innovation, where modern aesthetics meets contemporary design sensibilities.

Large Format Slabs

Story Behind the Our Surfaces

The genesis of Our lies in the excellence and commitment to innovate the ordinary. Introduced after rigorous research and development, these surfaces enrich the ambiance of modern living spaces. Inspired by the fusion of art and innovation, these large format slabs are here to revolutionize the aesthetic landscape and leave a lasting mark on interior elegance. The technology advancements with enduring design principles results in unmatched quality and designs.

Technology meets Advanced TechBot

S&P Fullbody Color Body

Heralding a new era in innovation aesthetics, Our is here with advanced TechBot to set a new benchmark. Embrace the future with TechBot where innovation meets excellence to shape tomorrow's possibilities.

SERONA



Size:
1600x3200mm
63"x126"

Thickness
12mm

Large Format Slab

Our comes with a majestic dimension of 1600*3200mm, amplifying spatial grandeur and structural integrity.

Designed to command attention, these surfaces transform any interior into a sanctuary of style.

COLOR Body
S&P Fullbody

Digital Printing

Protective Matt Coating

Our collection promises exceptional durability, stain & scratch resistance, and easy maintenance. These versatile and adaptable slabs enrich spaces with timeless elegance.



Anti-Microbial
Hygienic Surface

Advantages & Features

Low Maintenance
Resists UV Rays
Superior Strength

Ultra-High Heat Resistance
Stable & Non-fading Colors
Scratch Resistance

Dimensional Stability
Freeze & Thaw Resistance
Abrasion Resistance

Easy to Clean
Stain Resistance

Multiple Application Possibilities

Versatility is the cornerstone of Our appeal, making it your ideal choice for a wide range of applications according to your need. Their ability to withstand daily wear and tear makes them a first choice for spaces where durability and design sophistication are a paramount.

Whether you are looking to elevate your kitchen or set the stage in the grandeur of corporate lobbies, Our surfaces effortlessly integrate with diverse architectural styles, enhancing the abundant grace of any space.

The surfaces' practicality and ease of maintenance complement their glamour, ensuring that every space radiates beauty and maintains a consistently pristine appearance.

They are a hassle-free solution to infuse your space with timeless poise.

8

More Application Possibilities



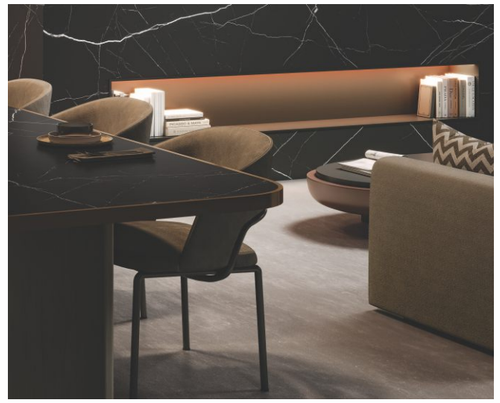
Kitchen
Counter Tops



Bathroom
Vanities



Interior
Furniture



Interior
Wall, Floor



Interior
Staircase



Shelves &
Consoles

Pioneered with TRIPLE-LAYERED TECHNOLOGY

Our redefines surface innovation with its diverse spectrum of fullbody colors, setting a new standard in the industry.

The foundational strength is complemented by digitally printed layers of intricate patterns and designs, crowned with a matt coating layer to give a luxurious finish. These subtle surfaces promises enduring beauty that lasts for generations.

01

02

03

Matt Coating Layer	01
Digitaly Printed Layer	02
S&P Fullbody	03

Large Format Slabs

Individualized With SUPREME PATTERNS

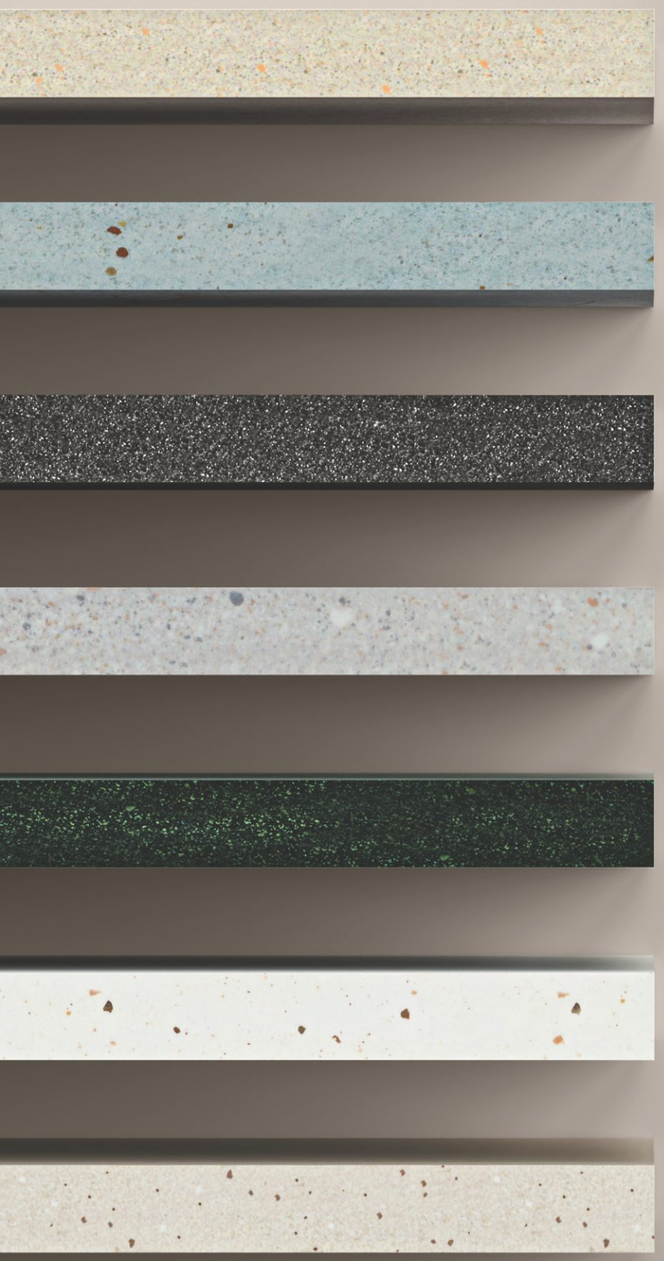
Our extensive range of color and patterns helps you add a personalized touch that transforms your space into a masterpiece of style. Enjoy the freedom to create a space that truly resonates your aesthetic vision.

S&P Fullbody	07
Color Body	05
Milagro Designs	30



1600x3200mm | 63"x126"
12mm Thickness

Large Format Slabs



S&P Ivory Body

S&P Blue Body

S&P Dark Grey Body

S&P Light Grey Body

S&P Green Body

S&P White Body

S&P Beige Body

S&P BODY



Rapolano
1600x3200mm
12mm



Limestone Beige
1600x3200mm
12mm



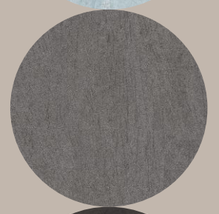
Konkrete
1600x3200mm
12mm



Cheppo
1600x3200mm
12mm



Azure
1600x3200mm
12mm



Basaltina
1600x3200mm
12mm



Avacado
1600x3200mm
12mm

Kitchen Area_
Rapolano
1600x3200mm
12mm

RAPOLANO





S&P White Body

Size:	1600x3200mm / 63"x126"
Surface:	Milagro
Thickness:	12mm
Typology:	S&P Fullbody

Kitchen Area_
Rapolano
1600x3200mm
12mm

SERONA

LIMESTONE BEIGE





S&P Beige Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: S&P Fullbody



Cooking Haven_
Limestone Beige
1600x3200mm
12mm

SERONA

Cooking Haven_
Limestone Beige
1600x3200mm
12mm

Culinary Space_
Konkrete
1600x3200mm
12mm



KONKRETE





S&P Light Grey Body

Size:	1600x3200mm / 63"x126"
Surface:	Milagro
Thickness:	12mm
Typology:	S&P Fullbody

SERONA

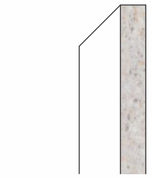


Culinary Space_
Konkrete
1600x3200mm
12mm

SERONA

CHEPPO





S&P Ivory Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: S&P Fullbody



Dining Suite_
Cheppo
1600x3200mm
12mm

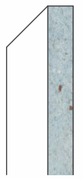
Dining Suite_
Cheppo
1600x3200mm
12mm

Cookery Corner_
Azure
1600x3200mm
12mm



AZURE





S&P Blue Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: S&P Fullbody

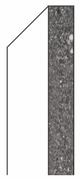


Cookery Corner_
Azure
1600x3200mm
12mm

SERONA

BASALTINA





S&P Dark Grey Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: S&P Fullbody



Eating Area_
Basaltina
1600x3200mm
12mm



Eating Area_
Basaltina
1600x3200mm
12mm

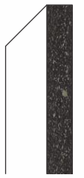


Cocktail Lounge_
Avacado
1600x3200mm
12mm

SERONA

AVACADO





S&P Green Body

Size:	1600x3200mm / 63"x126"
Surface:	Milagro
Thickness:	12mm
Typology:	S&P Fullbody

SERONA



Cocktail Lounge_
Avacado
1600x3200mm
12mm

Milagro Surfaces

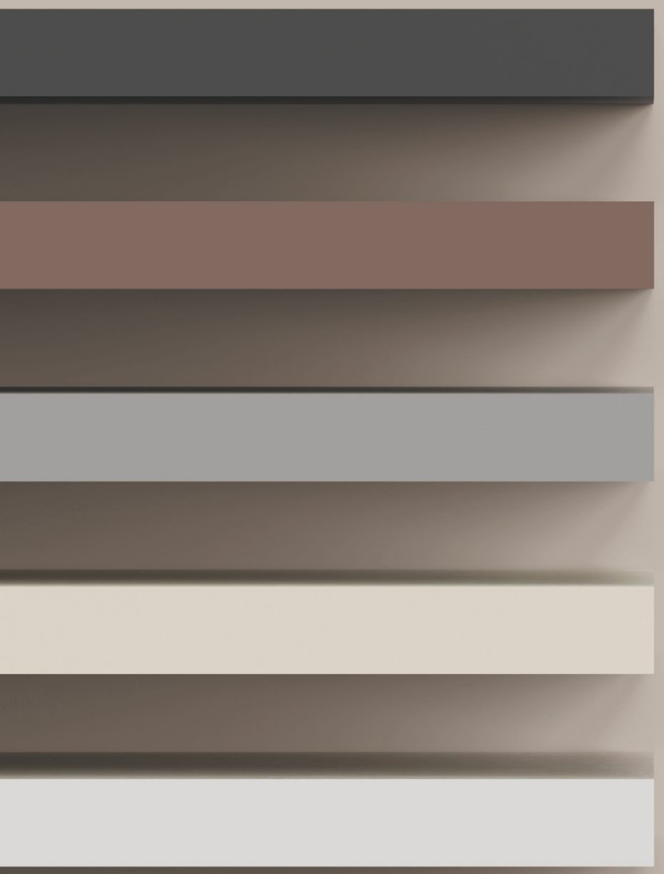
1600x3200mm | 63"x126"
12mm Thickness

Large Format Slabs

Innovation with intricate design

Milagro Surfaces are a perfect match of beauty and durability. The wide range of hues and design options are beyond imagination and gives your interior that long-lasting aesthetic appeal.

The aesthetic finishes and intricate patterns give your spaces a unique and cohesive look. Bring home the versatility in design and color, and let your space speak volumes with surfaces that echo your personality.



Black body

Brown body

Grey body

Ivory body

White body

Table of Content

WHITE BODY



Statuario Natural
1600x3200mm
12mm



Statuario Magia
1600x3200mm
12mm



Apollo White
1600x3200mm
12mm



Carrara Gold
1600x3200mm
12mm



Santorini Dove
1600x3200mm
12mm



Travertino Bianco
1600x3200mm
12mm

IVORY BODY



Mini Cheppo
1600x3200mm
12mm



Casa Blanca
1600x3200mm
12mm



Torso Gold
1600x3200mm
12mm



Santorini Blanca
1600x3200mm
12mm

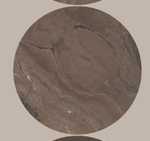


Travertino Crema
1600x3200mm
12mm

BROWN BODY



Dazzle Brown
1600x3200mm
12mm



Illusion Bronze
1600x3200mm
12mm



Metaalio Rust
1600x3200mm
12mm

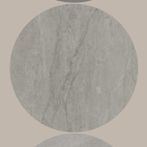
GREY BODY



Slate Pietra
1600x3200mm
12mm



Grigo Venezia
1600x3200mm
12mm



Sandstone Grigio
1600x3200mm
12mm



Cavalina
1600x3200mm
12mm

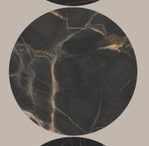


Cheppo Di Grande
1600x3200mm
12mm

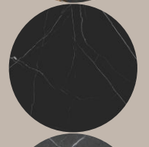
BLACK BODY



Laurent Gold
1600x3200mm
12mm



Macabus Gold
1600x3200mm
12mm



Noir Nero
1600x3200mm
12mm



Scuro Pietra
1600x3200mm
12mm

SERONA

STATUARIO NATURAL





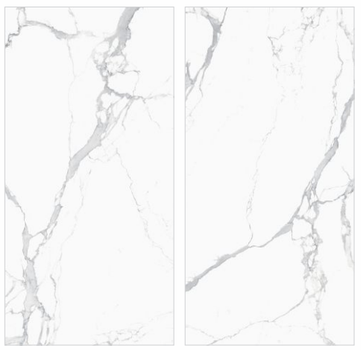
White Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: Color Body

F-2



Kitchen Retreat_
Statuario Natural
1600x3200mm
12mm



SERONA

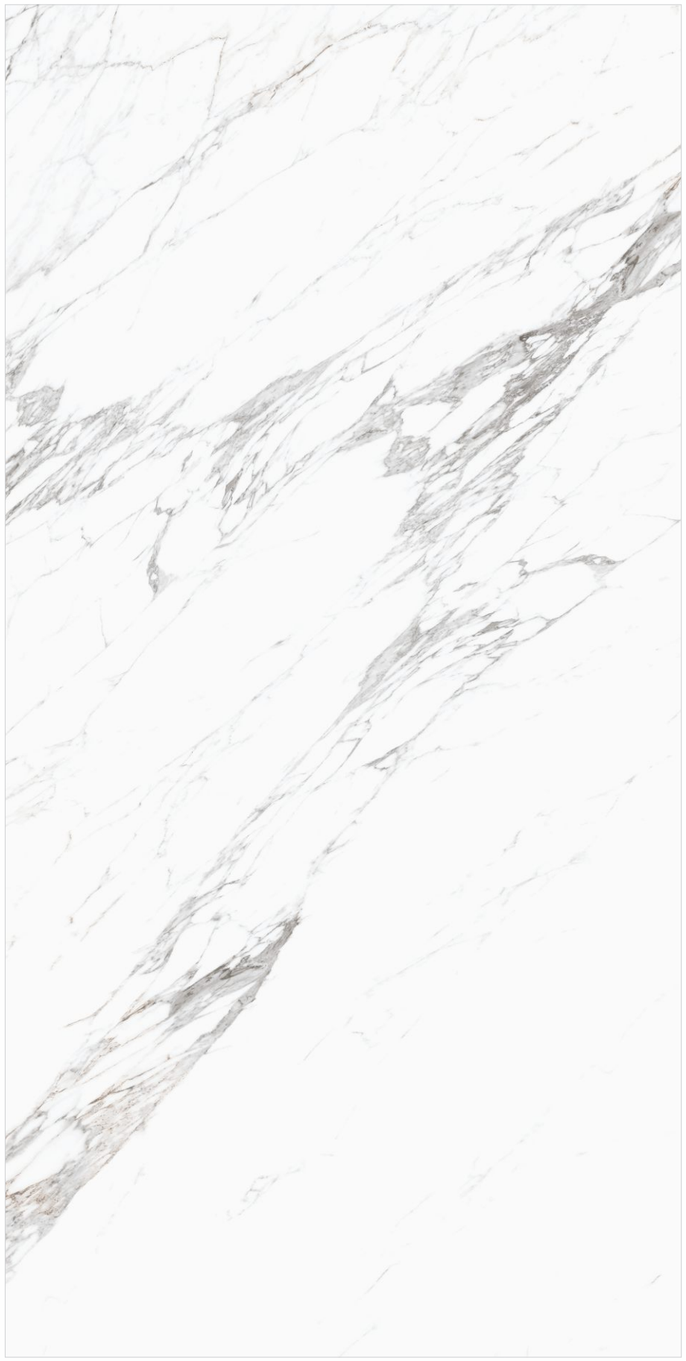
Kitchen Retreat_
Statuario Natural
1600x3200mm
12mm

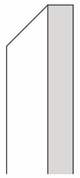


Gourmet Zone_
Statuario Magia
1600x3200mm
12mm



STATUARIO MAGIA





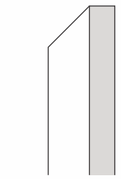
White Body

Size:	1600x3200mm / 63"x126"	**F-2**
Surface:	Milagro	
Thickness:	12mm	
Typology:	Color Body	

SERONA

APOLLO WHITE





White Body

Size:	1600x3200mm / 63"x126"	**F-2**
Surface:	Milagro	
Thickness:	12mm	
Typology:	Color Body	



Dining Nook_
Apollo White
1600x3200mm
12mm



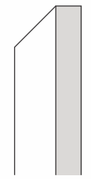


Meal Zone_
Carrara Gold
1600x3200mm
12mm

SERONA

CARRARA GOLD





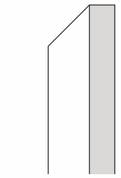
White Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: Color Body

F-2

SERONA

SANTORINI DOVE



White Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: Color Body



Food Prep Area_
Santorini Dove
1600x3200mm
12mm



Food Prep Area_
Santorini Dove
1600x3200mm
12mm



Recipe Retreat_
Travertino Bianco
1600x3200mm
12mm



SERONA

TRAVERTINO BIANCO





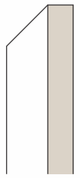
White Body

Size:	1600x3200mm / 63"x126"	**F-2**
Surface:	Milagro	
Thickness:	12mm	
Typology:	Color Body	

Baking Zone_
Mini Cheppo
1600x3200mm
12mm

MINI CHEPPO





Ivory Body

Size:	1600x3200mm / 63"x126"
Surface:	Milagro
Thickness:	12mm
Typology:	Color Body

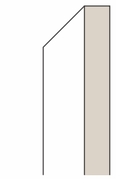


Baking Zone_
Mini Cheppo
1600x3200mm
12mm

SERONA

CASA BLANCA





Ivory Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: Color Body



Kitchen Quarters_
Casa Blanca
1600x3200mm
12mm

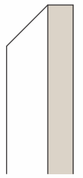
Recipe Deciding Area_
Torso Gold
1600x3200mm
12mm



SERONA

TORSO GOLD





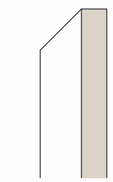
Ivory Body

Size:	1600x3200mm / 63"x126"
Surface:	Milagro
Thickness:	12mm
Typology:	Color Body

SERONA

SANTORINI BLANCA





Ivory Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: Color Body

F-2



Table Room_
Santorini Blanca
1600x3200mm
12mm



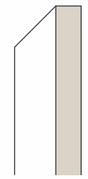


Study_
Travertino Crema
1600x3200mm
12mm



TRAVERTINO CREMA





Ivory Body

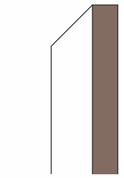
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Surface: Milagro
Thickness: 12mm
Typology: Color Body

F-2

SERONA

DAZZLE BROWN





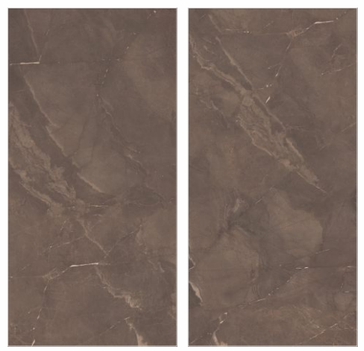
Brown Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: Color Body

F-2

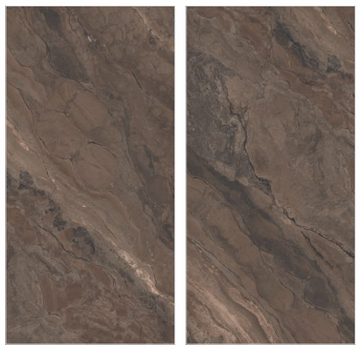


Vanity Area_
Dazzle Brown
1600x3200mm
12mm

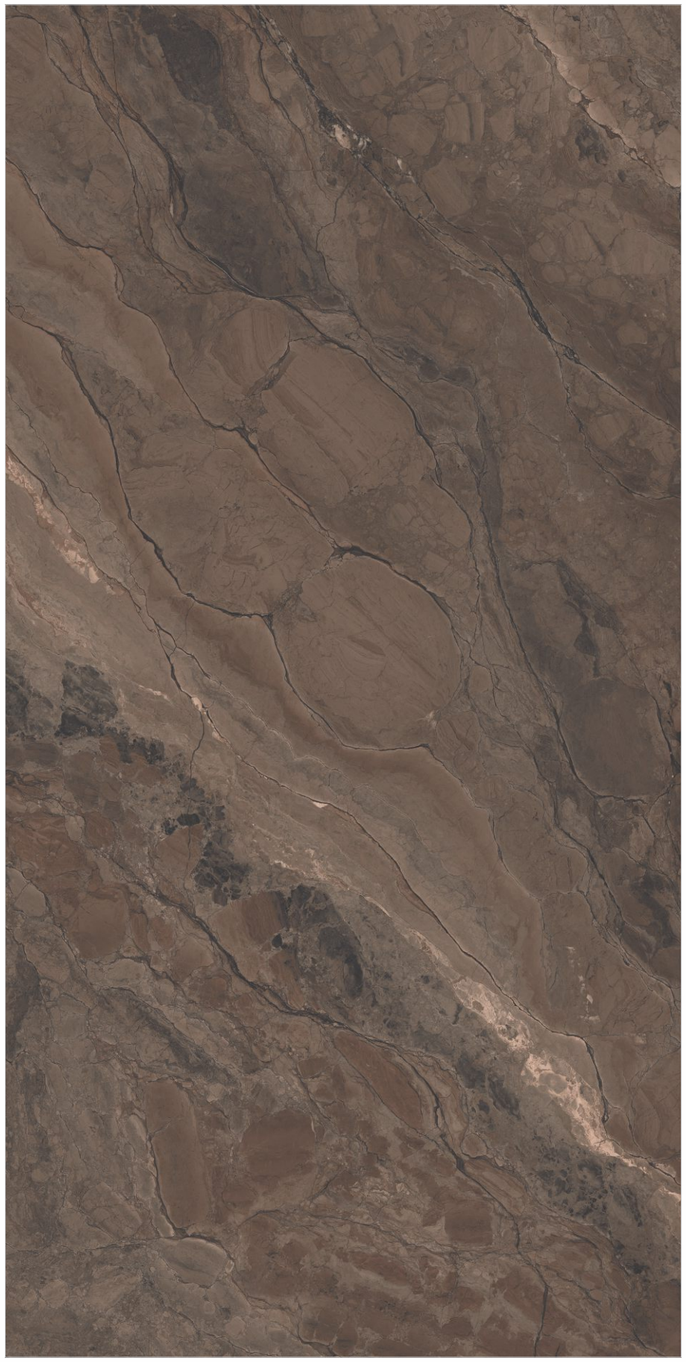


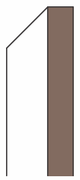


Prep Space_
Illusion Bronze
1600x3200mm
12mm



ILLUSION BRONZE





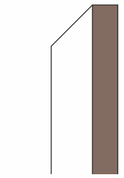
Brown Body

Size:	1600x3200mm / 63"x126"	**F-2**
Surface:	Milagro	
Thickness:	12mm	
Typology:	Color Body	

SERONA

METAALIO RUST





Brown Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: Color Body



Slicing Station_
Metaalio Rust
1600x3200mm
12mm

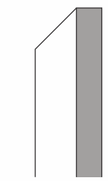


Slicing Station_
Metaalio Rust
1600x3200mm
12mm

SERONA

SLATE PIETRA





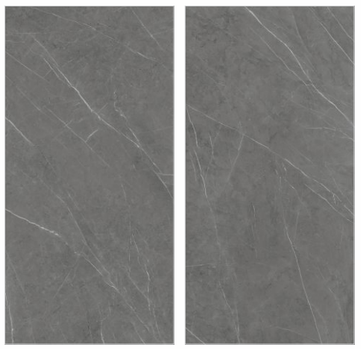
Grey Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: Color Body

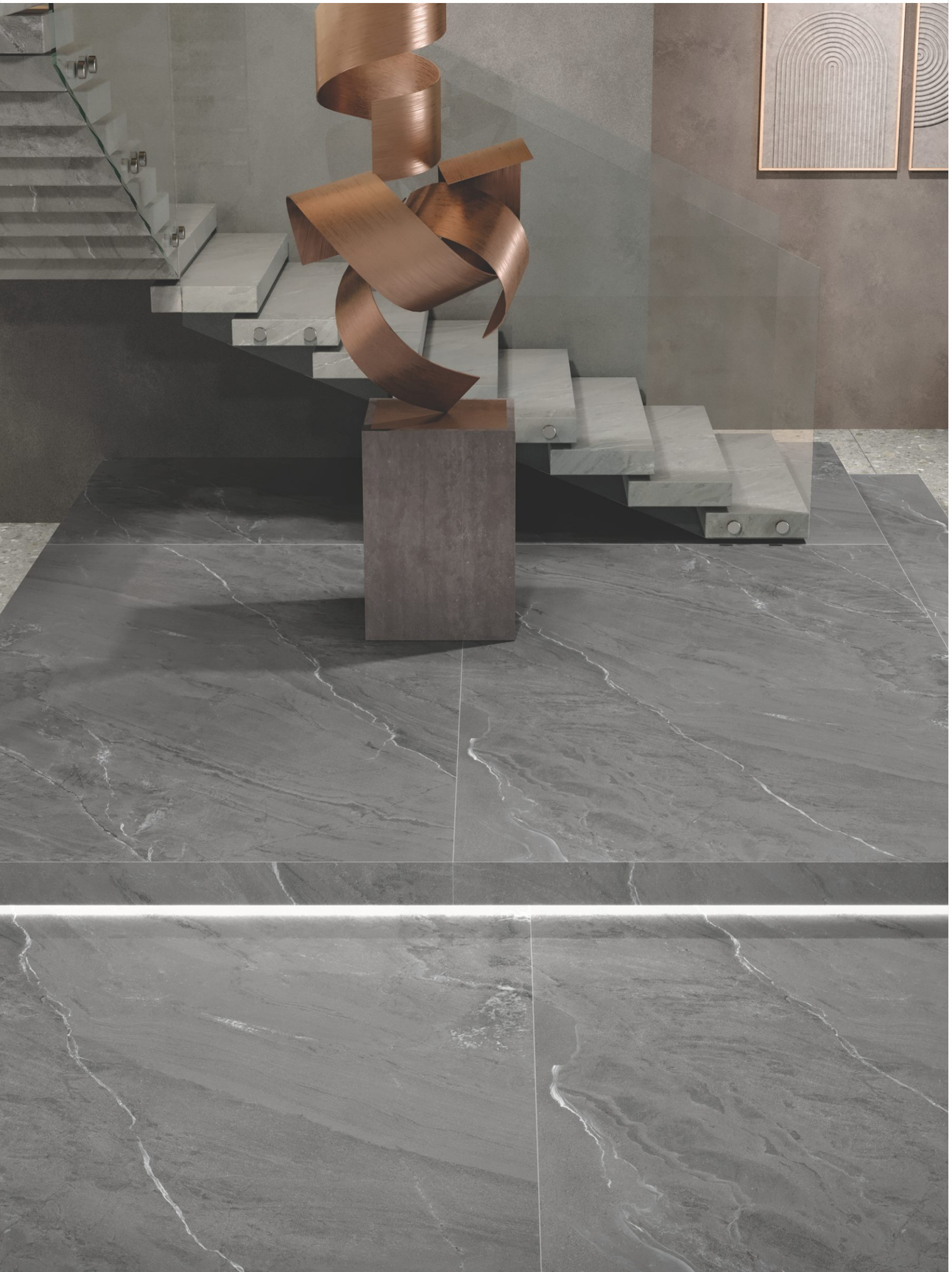
F-2



Cutting Board Area_
Slate Pietra
1600x3200mm
12mm



Elevator Hall_
Grigo Venezia
1600x3200mm
12mm



GRIGO VENEZIA





Grey Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: Color Body

SERONA

SANDSTONE GRIGIO





Grey Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: Color Body



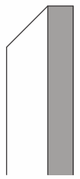
Chopping Nook_
Sandstone Grigio
1600x3200mm
12mm



Cuisine Corner_
Cavalina
1600x3200mm
12mm

CAVALINA





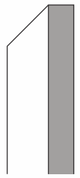
Grey Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: Color Body

SERONA

CHEPPO DI GRANDE





Grey Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: Color Body



Scrubbing Area_
Cheppo Di Grande
1600x3200mm
12mm



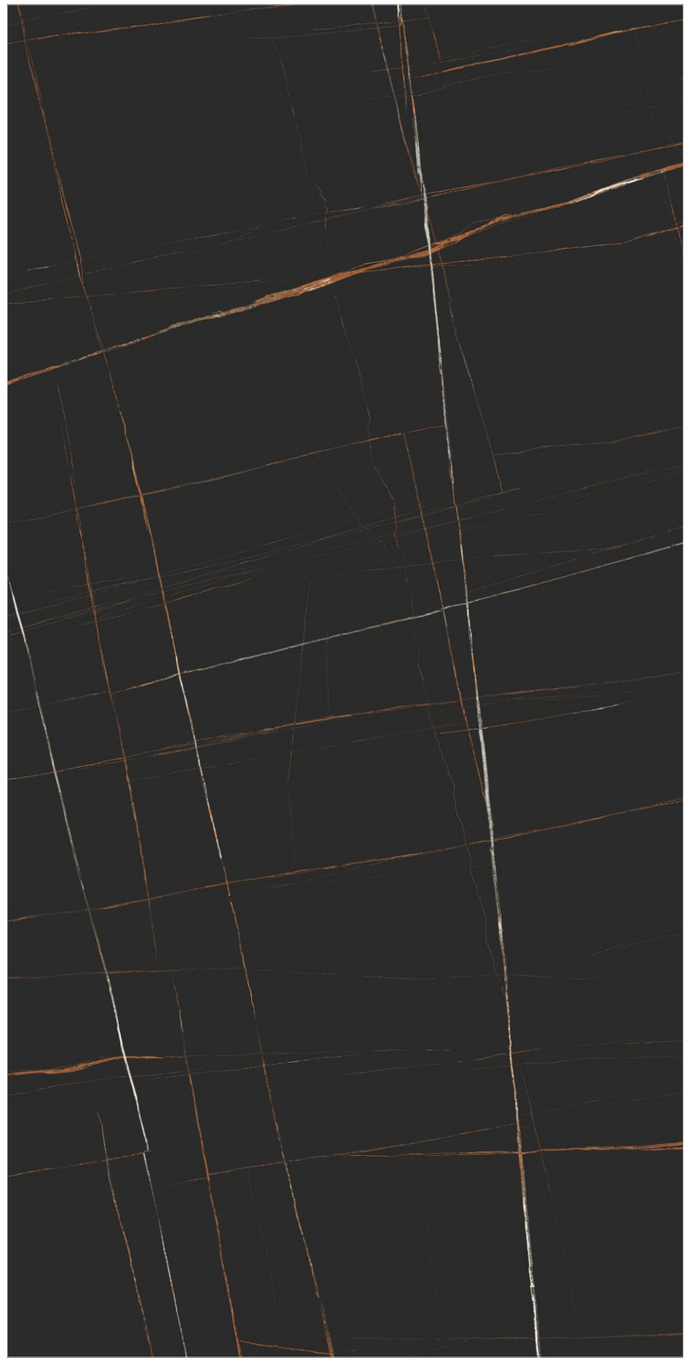
Scrubbing Area_
Cheppo Di Grande
1600x3200mm
12mm



Culinary Bake Area_
Laurent Gold
1600x3200mm
12mm

SERONA

LAURENT GOLD

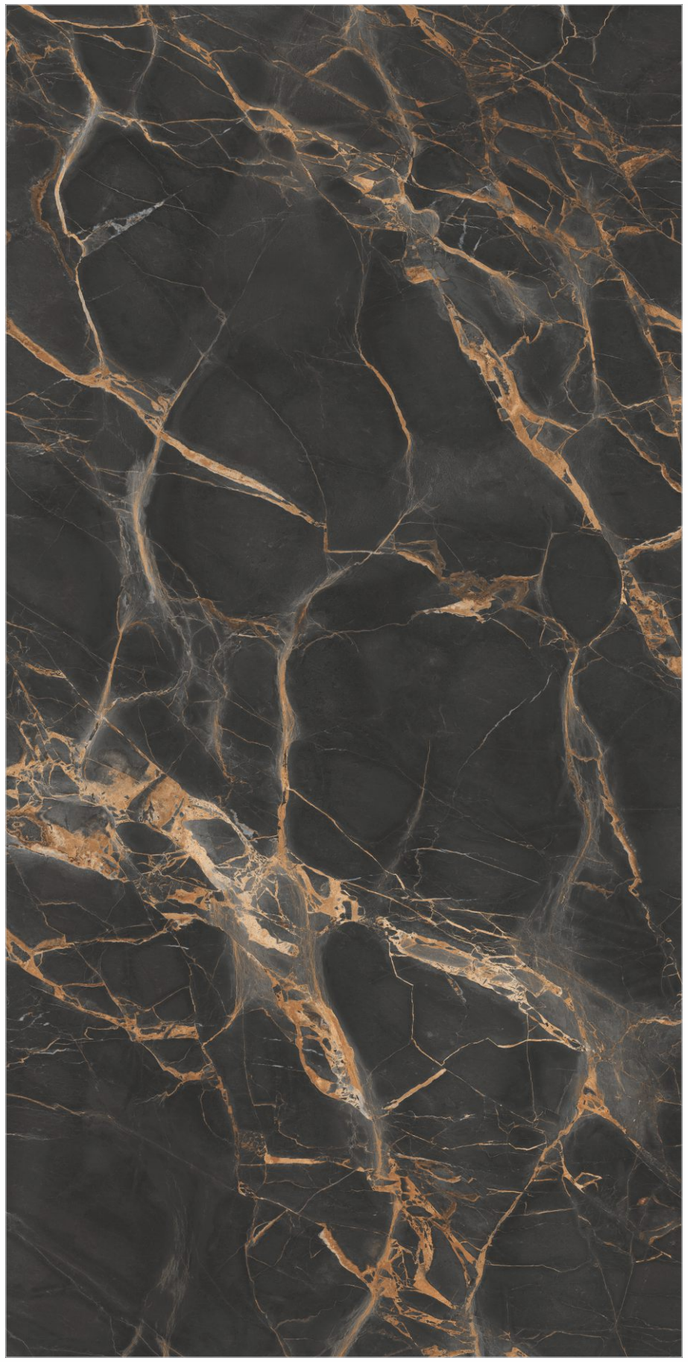


Black Body

Size:	1600x3200mm / 63"x126"
Surface:	Milagro
Thickness:	12mm
Typology:	Color Body

SERONA

MACABUS GOLD



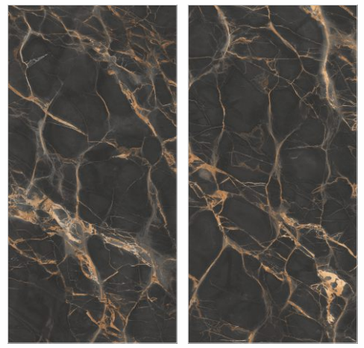
Black Body

Size:	1600x3200mm / 63"x126"
Surface:	Milagro
Thickness:	12mm
Typology:	Color Body

F-2



Cooking Sanctuary_
Macabus Gold
1600x3200mm
12mm



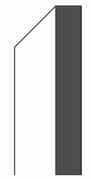
Corridor Heat Hub_
Noir Nero
1600x3200mm
12mm



SERONA

NOIR NERO





Black Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: Color Body



Corridor Heat Hub_
Noir Nero
1600x3200mm
12mm

SERONA

SCURO PIETRA



Black Body

Size: 1600x3200mm / 63"x126"
Surface: Milagro
Thickness: 12mm
Typology: Color Body



Flavor Haven_
Scuro Pietra
1600x3200mm
12mm

Technical Manual

Superior quality raw materials like kaolin, clay, feldspar, silica, and colouring inks are imported from Europe and other parts of the world to manufacture Our Slabs, without compromising on its breaking strength, water absorption, dust, termite and chemical resistance.

Our Slabs are exceptionally hard, resist thermal shock better than any material available today, are virtually nonporous and are a green product. Installation is quicker and easier because of the dimensions of the product. Flooring, wall cladding, kitchen counter tops, vanity tops, steps and risers, and bath surrounds are all possible.

Technical Specifications

CHARACTERISTICS	TEST METHOD	MEAN VALUE OF OUR	STD. AS PER ISO13006:2012/ EN14411 Gr.BIa	STD. AS PER IS15622:2017 Gr.BIa
Regulatory Properties				
Deviation in length and width	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.50 %	± 0.10 %
Deviation in thickness	ISO 10545-2 & IS 13630-1	± 4.00 %	± 5.00 %	± 5.0 %
Straightness in side	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.50 %	± 0.10 %
Rectangularity	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.60 %	± 0.10%
Surface flatness Central Curvature	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.50 %	± 0.50 %
Surface flatness Edge Curvature	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.50 %	± 0.50 %
Surface flatness Warpage	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.50 %	± 0.50 %
Surface Quality	ISO 10545-2 & IS 13630-1	> 95% defects free	> 95% defects free	> 95% defects free
Small Color Difference	ISO 10545-16	No Change	Unaltered	N.A.
Glossiness (With Nano Polished)	Gloss Meter 60°	> 90° **	As per Mfg.	As per Mfg.
Glossiness (Without Polished)	Gloss Meter 60°	7° < Gloss < 14°**	As per Mfg.	As per Mfg.
Glossiness (Satin Finished)	Gloss Meter 60°	15° < Gloss < 25°**	As per Mfg.	As per Mfg.
Structural Properties				
Water absorption	ISO 10545-2 & IS 13630-3	≤ 0.05 %	≤ 0.50 %	≤ 0.80 %
Bulk density	DIN51082 & IS 13630-3	> 2.28 gm/cc	> 2.00 g/cc	Min. 2.20 g/cc
Massive Mechanical Properties				
Modulus of rupture	ISO 10545-4 & IS 13630-6	Min. 37.0 N/mm²	Min. 35.0 N/mm²	Min. 35.0 N/mm²
Breaking strength thickness <7.5	ISO 10545-4 & IS 13630-6	Min. 1000.0 N	Min. 700.0 N	Min. 700.0 N
Breaking strength thickness ≥7.5	ISO 10545-4 & IS 13630-6	Min. 1600.0 N	Min. 1300.0 N	Min. 1100.0 N
Surface Mechanical Properties				
MOH'S hardness	EN 101 & IS 13630-13	Min. 4***	Min. 4	Min. 5
Surface abrasion resistance-Glossy #	ISO 10545-7 & IS 13630-11	Min. Class 2	As per Mfg.	Min. Class II
Surface abrasion resistance-Matt #	ISO 10545-7 & IS 13630-11	Min. Class 3	As per Mfg.	Min. Class II
Thermal Hydrometric Properties				
Moisture expansion	ISO 10545-10 & IS 13630-3	NIL	Max. 0.06	Max. 0.02
Thermal expansion(COE) at 100°C	ISO 10545-8 & IS 13630-4	Max. 6.0 x 10^{-6}	As per Mfg.	Max. 7.0 x 10^{-6}
Thermal shock resistance	ISO 10545-9 & IS 13630-5	Min. 10 Cycle	Min. 10 Cycle	Min. 10 Cycle
Crazing Resistance at 7.5 Bar	ISO10545-11 & IS 13630-9	Min. 6 Cycle	As per Mfg.	Min. 4 Cycle
Impact resistance(COR)	ISO 10545-5 & IS 13630-14	Min. 0.55	As per Mfg.	Min. 0.55
Frost resistance	ISO10545-12 & IS 13630-10	Frost Proof	As per Mfg.	As per Mfg.
Chemical Properties				
**Resistance to Staining Glazed	ISO 10545-14 & IS 13630-8	Min. Class 4 / Min. Class I	Min. Class 3	Min. Class I
**Resistance to Household Chemicals & Swimming Pool Salts Glazed	ISO 10545-13 & IS 13630-8	Min. Class GA / Min. Class AA	Min. Class GB	Min. Class AA
**Resistance to Low / High Concentrate Acid and Alkalis Glazed	ISO 10545-13 & IS 13630-8	Min. Class GLB**** / Min. Class A****	As per Mfg.	As per Mfg.
Safety Properties				
Skid resistance(DCOF-DRY)	ISO 10545-17	> 0.40	As per Mfg.	As per Mfg.
Slip resistance(DCOF)(R value)##	ISO 10545-17	As per surface	As per Mfg.	As per Mfg.
Determination of Lead & Cadmium Release for Glazed Tiles	ISO 10545-15	Dose not yield Pb & Cd	As per Mfg.	N.A.
Fire Resistance	N.A.	Fire Proof	As per Mfg.	As per Mfg.

Glaze tiles Intended for use on floor
As per customer requirement
** Glossiness 90% with nano technology
*** Without nano technology (Unpolished Vitrified tiles)
**** Except Hydrofluoric Acid & it's compound

Pallet & Container Packing

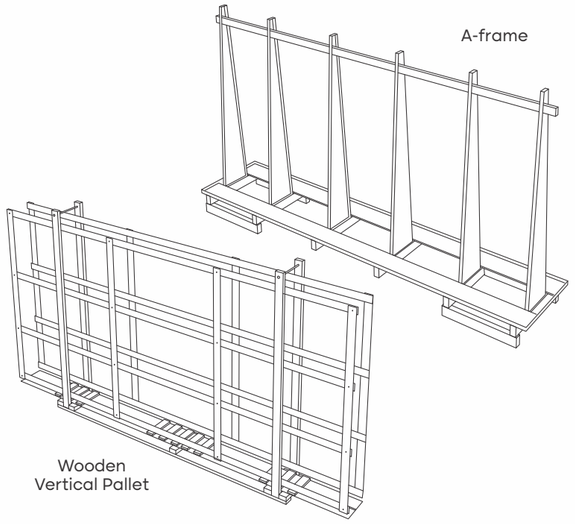
Size	Thickness	sq. mtr / Slab	Weight / Slab	Pallet Type	Slabs / Pallet	Weight / Pallet	Pallet / Container	Slabs / Container	sq. mtr / Container	Weight / Container	Size of Container
3200x1600mm	12mm	5.12	145.0 kg	A-Frame	20 slabs	3010kg	9	180	921.60	27090kg	40 ft
3200x1600mm	12mm	5.12	145.0 kg	Crate	20 slabs	3050kg	7	140	716.80	21350kg	20 ft
3200x1600mm	20mm	5.12	238.0 kg	A-Frame	12 slabs	2966kg	9	108	552.96	26694kg	40 ft

Packaging

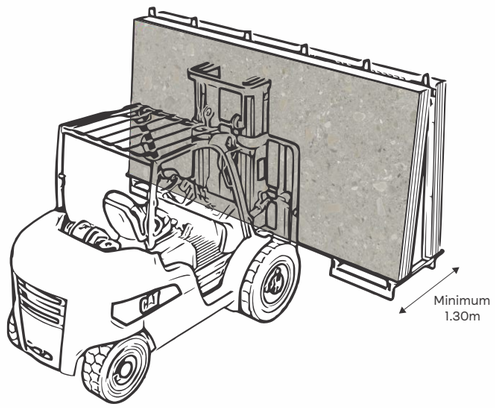
A-frames & Wooden Vertical Pallet

To protect the integrity of the big-slabs during transport, optimized packaging has been specially designed and produced for the products.

The slabs are packed and shipped in specially made Wooden Vertical Pallet and on specific A-frames (specially designed to improve the carriage of these products in containers), taking care to protect every single slab from knocks and scratches as best as possible.

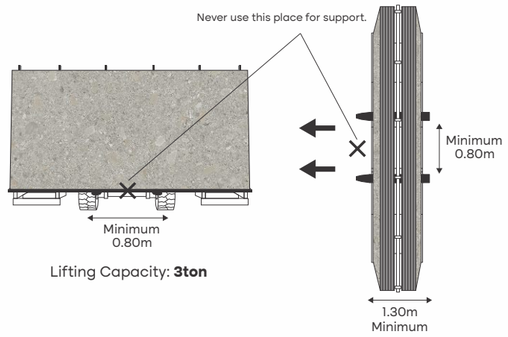


Handling the slabs on the construction site



A-frame handling from long side (A)
(Recommended choice)

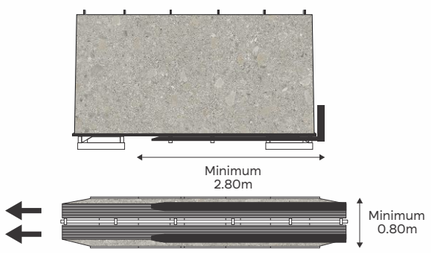
We recommend you use forks with a length of at least 1.30m, widening them to the maximum limit to make the most use possible of the crate's surface.



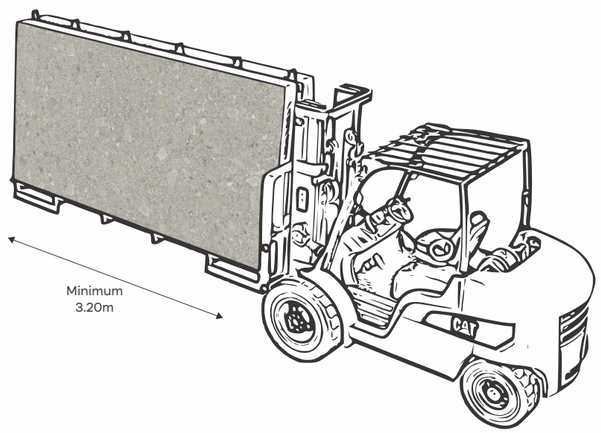
Lifting Capacity: **3ton**

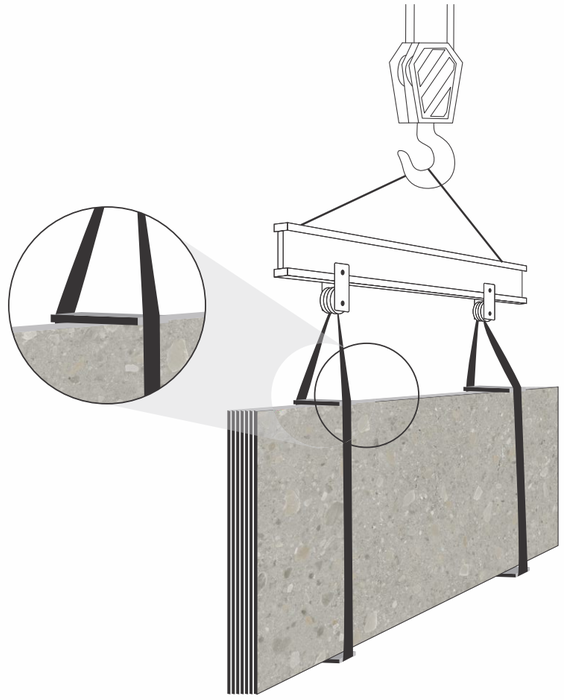
A-frame handling from short side (B)

We recommend you use forks with a length of at least 2.80m, widening them to the maximum limit to make the most use possible of the crate's surface.



Lifting Capacity: **5ton**





Handling with crane

Always pay attention to the movement and handling of the slabs to prevent splintering or breakage. The Size recommends using the following type of clamp for lifting and moving individual slabs:

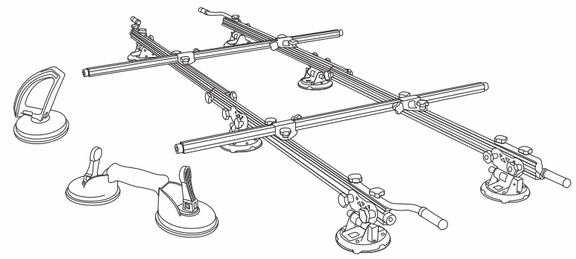
Ensure that for deliveries an oversized stone slab or board is supplied on the steel A-frame as backing support. Strap in Maximum to ensure no horizontal movement occurs during transport.

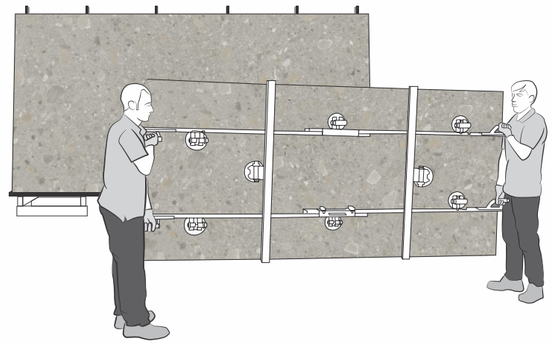
Panels can also be moved with a vertical clamp and overhead crane. To assist the movement of individual mm panels where the clamp doesn't close to 6mm, a rubber saddle can be made up (see photos) or vacuum suction lifters
can be used.

When transporting to site, in particular benchtops with cut outs, always lay bench against a solid substrate such as MDF or similar. Ensure that backing support is at least 2cm wider than the benchtop, strap or tape, or both together, so handling will be easier and will avoid potential damage to panels in particular to cut outs. Always carry panels vertically not horizontally.

Equipment

When handling the slabs, from removing them from the crates through to fitting them on the wall or floor, we recommend you use equipment designed specifically for handling large slabs.





Handling with manual suction cups

In the case of two workers, perform the handling using manual suction cups (preferably equipped with a pressure adjustment function). The workers must remove the slabs by lifting them in the middle, then moving them in an upright position, positioning themselves at the two ends of the long side.

Manual handling

In addition to professional handling machinery, such as pneumatic handling machines or gantries, or the frame stated earlier, the slabs are usually moved (on the construction site and in the warehouse) by workers provided with tools that are commonly available and easy to use.

It is important to remember that manual handling must only be carried out where site conditions are amenable, such as:

- ample room for manoeuvre;
- ground-floor location;
- easy access;
- limited number of slabs to be laid.

IN ANY CASE, THE SLABS MUST ALWAYS BE **HANDLED INDIVIDUALLY** AND **ENSURING THE WORKERS' COMPLETE SAFETY**.

Special cuts & finishes

Tops

Our slabs have a wide range of applications in interior design and both the 12mm versions can be used (after plating with a support panel) and the 20 mm versions, which do not require reinforcement underneath.

Whatever processing is envisaged, it is a good idea to have the final tile made at professional machining centres specializing in this type of product.



Tops CNC machining

Also in this case, the discs and the various tools must be diamond-enhanced for stoneware and water-cooled, with a rotation speed ranging from 1900 to 2500rpm (revolutions per minute) and a travel speed of 1-2 m/minute depending on the type of tool.
With this machine you can make the flush fit finish, which must be scored prior to making the cutout for the sink.
With CNC machines, you can make the flush fit finish by proceeding as stated below:
1. Drill the first hole
2. Make the score
3. Cut out the hole for the sink

Tops disc-cutting

Use water-cooled continuous and segmented rim diamond discs for stoneware, with input and output speeds reduced by 50%.
The rotation speed and the travel direction must be set in based on the disc size and the processing type.
45° cuts are made with machines with tilting discs and, in the case of L-shaped workpieces, it is advisable to make a hole in the corner before proceeding with the linear cuts.
The same diamond discs can be mounted on manual grinders for finishing purposes, using the same procedures. The disc should only protrude from the lower part of the slab, very slightly (1-2 mm).

Tops processing

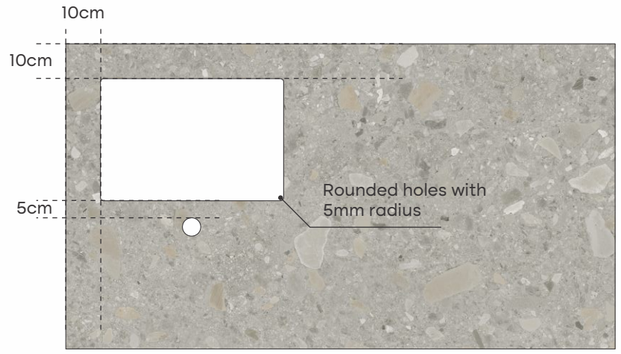
The slabs can be cut, shaped, and transformed with cutouts for sinks or holes for taps, using the professional machines in use at machining centres, such as disc cutters, CNC machines and water jet cutters.

Tops water jet cutting

This is by far the most powerful type of processing and the one that allows the most types of cutting, shaping or holes to be made, and provides the cleanest edge requiring minimum final rounding.

The slabs must rest firmly on the support grid, which must be flat and devoid of residues from prior processing.

The hole for the cutout must be made inside the cutout area using carefully controlled speed and pressure based on the thickness of the slab being cut and the kind of processing required.



Holes for cutouts

During the top design stage, when making the holes for the taps and the cutouts, apply a minimum distance of 10cm from the outer edges, with respect to the edges and in the event of a series of cutouts (double sink or opening for a hob).

The inner corners must have a minimum radius of 5 mm.

The top outer edges must always chamfer.

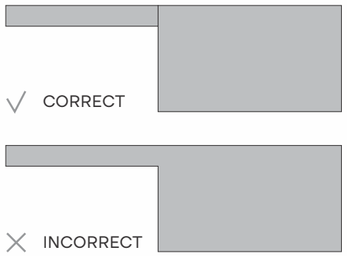
We recommend radiuses of more than 1/4" when the kitchen design allows as it makes the countertop firmer.



The correct way to create a cutout, except with waterjet and digital control bits, is to first drill the corners and then the rest of the cuts.

All cutout corners must have a minimum diameter of 1/4". Never leave 90° angles.

Guidelines for cutouts

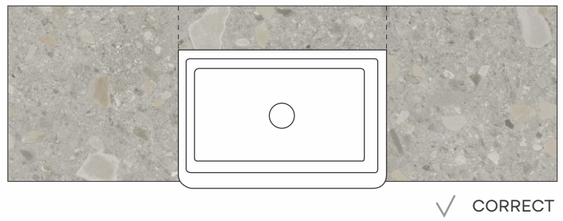


- Two straight cuts must never be joined
- No squared inner corners
- All inner corners must have one radius

If the countertop design so allows, avoid large cutouts. Experienced manufacturers make large cutouts but following their own risk assessment.

If the countertop design so allows, avoid stone countertops with unbalanced weights:

Irregular cuts are also not recommended such as for a "farmhouse sink"; in these cases, add joints to the countertop design:



Observations

L-shaped countertops

Dividing L-shaped countertops into several parts is recommended to avoid 90° corners in one part.

Make sure the furniture is in perfect conditions and level before installing this type of countertop.

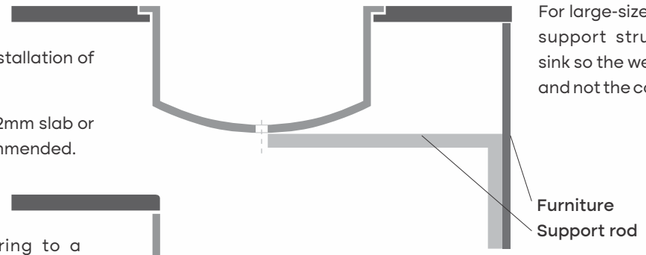


Sinks

Flush sinks

The Size only recommends the installation of flush sinks in 12mm and 20mm.

Removing more than 6mm on a 12mm slab or 10mm on a 20mm slab is not recommended.



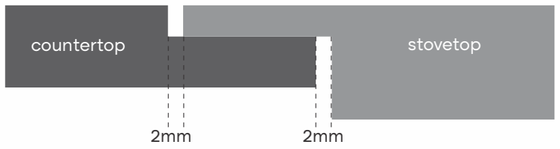
For large-size sinks, place a rod support structure under the sink so the weight is on the rods and not the countertop.

Undermount sinks

To reduce the risk of splintering to a minimum, a round edge with a radius of at least 2mm is recommended.



Glass-ceramic / induction stovetops



The minimum distance between the countertop and a stovetop must be 2mm.

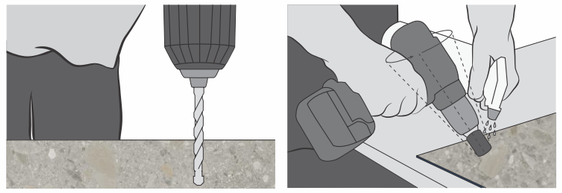
Use the right heat-resistant silicone or the joints supplied by the stovetop manufacturer.

Removing more than 6 mm on a 12 mm slab or 10 mm on a 20 mm slab is not recommended.

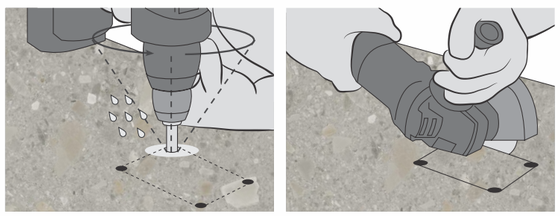
Circular holes

Using a diamond bur, start cutting the hole with the hammer drill function switched off, cutting the slab at an angle of approximately 75°.

Slowly straighten the drill, moving it carefully from side to side and taking care to keep both the bur and the slab wet.



Rectangular holes



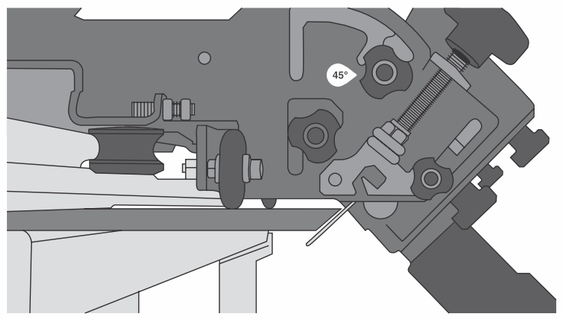
First of all, using a pencil, mark out the rectangular hole required. Using a drill with a diamond bit (6mm to 7mm), start cutting the slab with the hammer drill function switched off, working at an initial angle of approximately 75°. Then proceed to cut out the hole, applying constant pressure and carefully moving the drill from side to side. It is very important to keep both the drill bit and the slab wet. Proceed by cutting along the marked line, using an angle grinder with a diamond disc fitted.

45° Angles

The edge used in this application must then be manually bevelled with a suitable tool, and final-polished (only the 12 mm slabs, i.e. those made of two 6-mm slabs coupled together) using polishing wheels in increasing order of abrasive force.

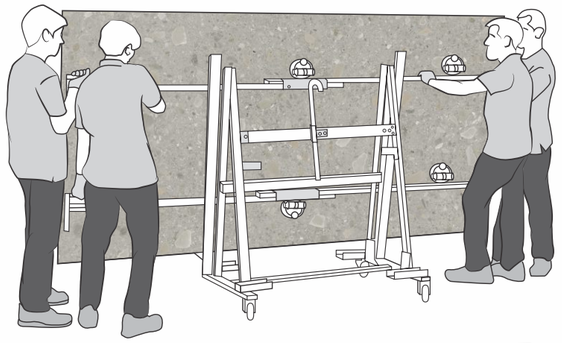
Start cutting the slab with a 45° angle using the cutting bar accessory. Proceed by slowly cutting at a 45° angle, at a constant speed, along the entire edge of the slab.

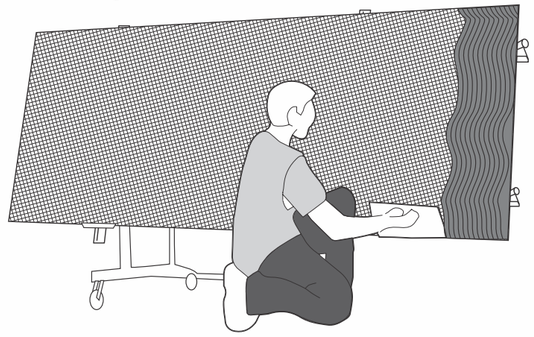
Lastly, hone the slab's sharp edges with a rubber pad or a diamond pad.



Laying & fixing

Before carrying out any process on the slab and installing it, it is necessary to verify conformity of the material and the possibility of matching with shades already present at the building site. We do not accept complaints about materials that have been processed and installed.





Large format Our SLABS always require back-buttering. Back-buttering describes the process of applying a layer of adhesive to the back of the tiles using a trowel.

Using a specialist wheeled transport cart, fix the large format slab in a vertical position on the handling frame with the use of suction cups. Use a 10x10mm square toothed trowel for applying your adhesive to the wall or floor and when back-buttering, use a 3x3mm square toothed trowel for the back of the tile.

Using the handling frame with suction cups, bring the slab into a vertical position and slowly lower it to horizontal. The Our SLABS should be firmly pressed into the adhesive along a straight edge, collapsing all adhesive ridges. Use a levelling system to avoid lippage and frequently checks that your Our SLABS are even using a suitable box level. Levelling systems are available with 2mm 3mm and 5mm tile spacers.

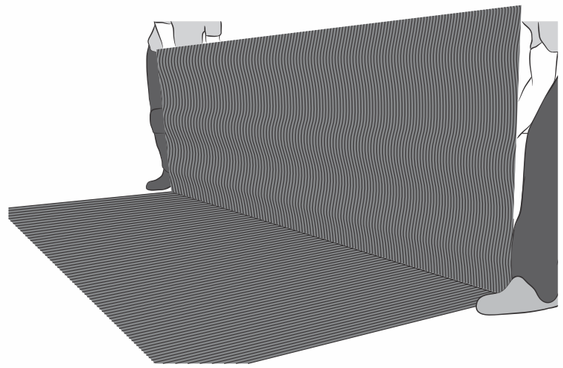
Periodically check the tiles backs to make sure there is full contact between the adhesive and tile. If not, apply additional adhesive to the tile or use a troll with larger notches in your adhesive. As you are working wipe off excess mortar with a wet sponge.

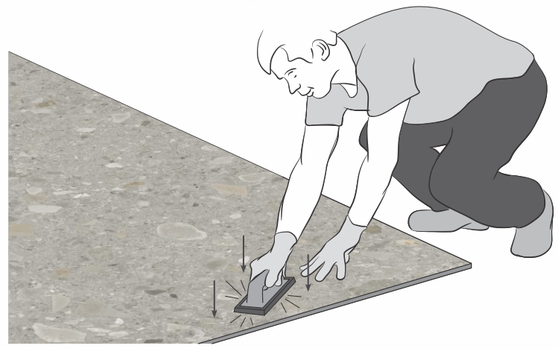
The growth in popularity of large format tiles, with their increased weight and smoother backs, presents new fixing challenges to the professional tiler.

Correct preparation of the subfloor or laying surface is crucial. The laying surface should be rigid, non-flexing and capable of supporting the expected load with minimal or no deflection. A level subfloor is extremely important in order to keep tiles from cracking. Sanding high spots and the use of a levelling compound on low spots is essential. It is also important that Our SLABS are clean and dry, if necessary wash them with clean water and dry them thoroughly before fixing.

Whatever your specific requirements, whether they be for standard or large formats or within the internal or external applications, selecting the appropriate cement-based, fibre-reinforced or ready-mixed adhesive is vital to ensuring the success of your project.

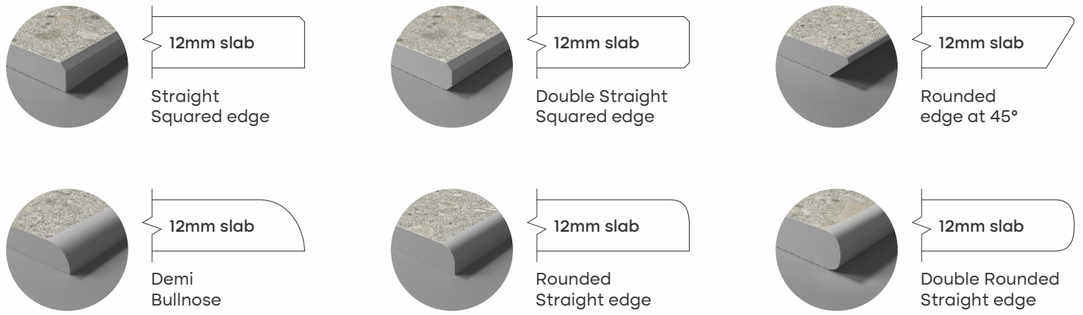
Once your subfloor is clean and dry, spread the adhesive on the surface to be covered with a 10x10mm square toothed trowel, covering an area 5cm to 10cm more than the size of the Our SLABS. Always apply the adhesive in stripes running parallel with the short edge to remove air pockets and bubbles. By using this method, full coverage of the Our SLABS with adhesive is ensured.





Edge profile

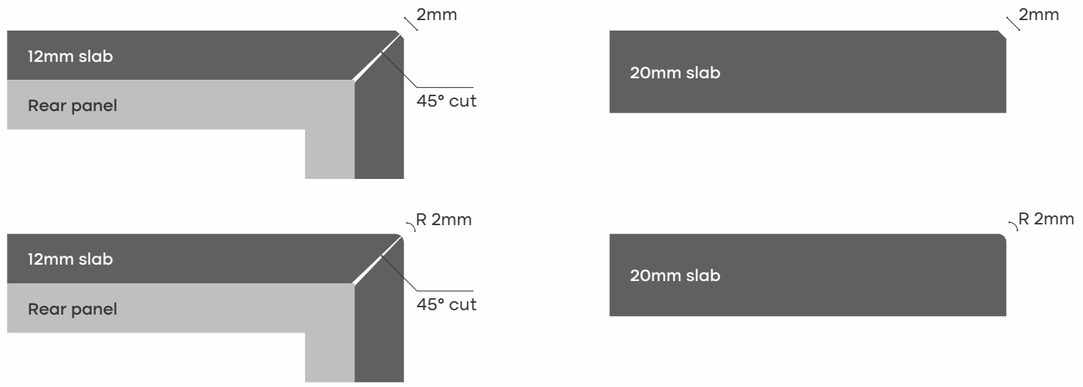
These surfaces boast a 12mm thickness that makes them extra durable and sturdy and the full body offers the possibility of various edge profiles providing complete creative freedom.



Tops edges

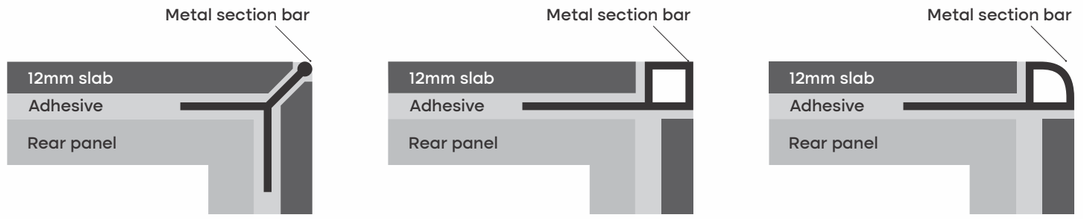
Whatever kind of edge you intend to use will have to be completed with a chamfer or bevel around the perimeter and its finish can be produced using either automatic machines or manually, using suitable discs.

A straight edge must be at least 2mm wide, while rounded edges must have a curvature angle of at least R 2mm, and a third edge can be made with 12mm thick with an angle of less than 30-35° and an upper finish as specified.



Metal section bars

Alternatively and depending on style requirements, metal section bars can be used for the thinner slabs which are quite commonplace nowadays.



Cleaning, maintenance & care

The slabs are extremely easy to clean and do not require particular maintenance work.

The production process (involving very high-quality raw materials and high firing temperatures) makes the finishes of slabs non-absorbent and their surfaces almost completely non-porous, which means that cleaning operations are simple and efficient.

In fact, the ceramic structure does not allow dirt to penetrate inside the slab.

Post-installation cleaning

After processing and gluing the material, clean the ceramic surface to remove any contaminants (patinas, residues of fillers or adhesive, etc.) that may be present. It is crucial to perform this step properly because it may cause halos if done incorrectly.

To clean structure surfaces, we advise quickly removing stains with plenty of water and a liquid vacuum cleaner to remove the dirt that could deposit on the surface structure.
It is important to complete the cleaning phase before the adhesive hardens completely because, give the surface structure, it would be more difficult to remove the adhesive after it has hardened completely.

For correct cleaning, always follow the specific instructions provided by producers of cementitious and epoxy fillers and adhesives used to install slabs to find out which products to use plus methods and waiting times.

If installing slabs outdoors, we suggest cleaning up right after installation during the coolest hours of the day.
Do not use abrasive substances or equipment. Under no circumstances use hydrofluoric acid or products that contain it.

The indications listed in this paragraph are not valid for series and finishes. Consult paragraphs 14.1.1 for instructions for these finishes.
Any inability to remove residues of materials used during installation after they have dried cannot be considered a material defect.

During installation and cleaning, sweep the glossy finished products frequently to avoid surface scratches.

Type of dirt	Type of detergent
Beer, wine, coffee	Sodium hypochlorite (bleach) in solution or alkaline detergent
Ice cream	Sodium hypochlorite (bleach) in diluted solution
Tyre rubber	Organic solvent (trichloroethylene)
Greases and oil	Alkali-based detergent
Inks	Sodium hypochlorite (bleach) in solution or alkaline detergent
Indelible felt-tip	Organic solvent (trichloroethylene acetone)
Resins	Organic solvent (turpentine, white spirit, thinner)
Lines from aluminium	Acid detergent or abrasive cream/powder detergent
Rust	Acid-based detergent
Fruit juices	Sodium hypochlorite (bleach) in diluted solution
Other stains	Abrasive cream detergent

WARNINGS:

- Always comply with the dosages and times recommended by the producer and test in advance on uninstalled material or hidden parts of the installed surface.
- If using acid detergents, before cleaning wet the grouts with plenty of water or protect them from the detergent's corrosive action.
- In a location requiring special cleaning parameters (kitchens, hospitals, shops, etc) or with particularly stubborn types of dirt (outdoor pavings, workshops, etc.), the cleaning procedures recommended above should be combined with scrubber-drier machines and specific products.
- Before starting cleaning procedures, always read the technical datasheets provided in the catalogues for each collection with great care.

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