

asiano
THE PREMIUM TILES

BOOK MATCH COLLECTION

**1600X
3200MM**

asiano

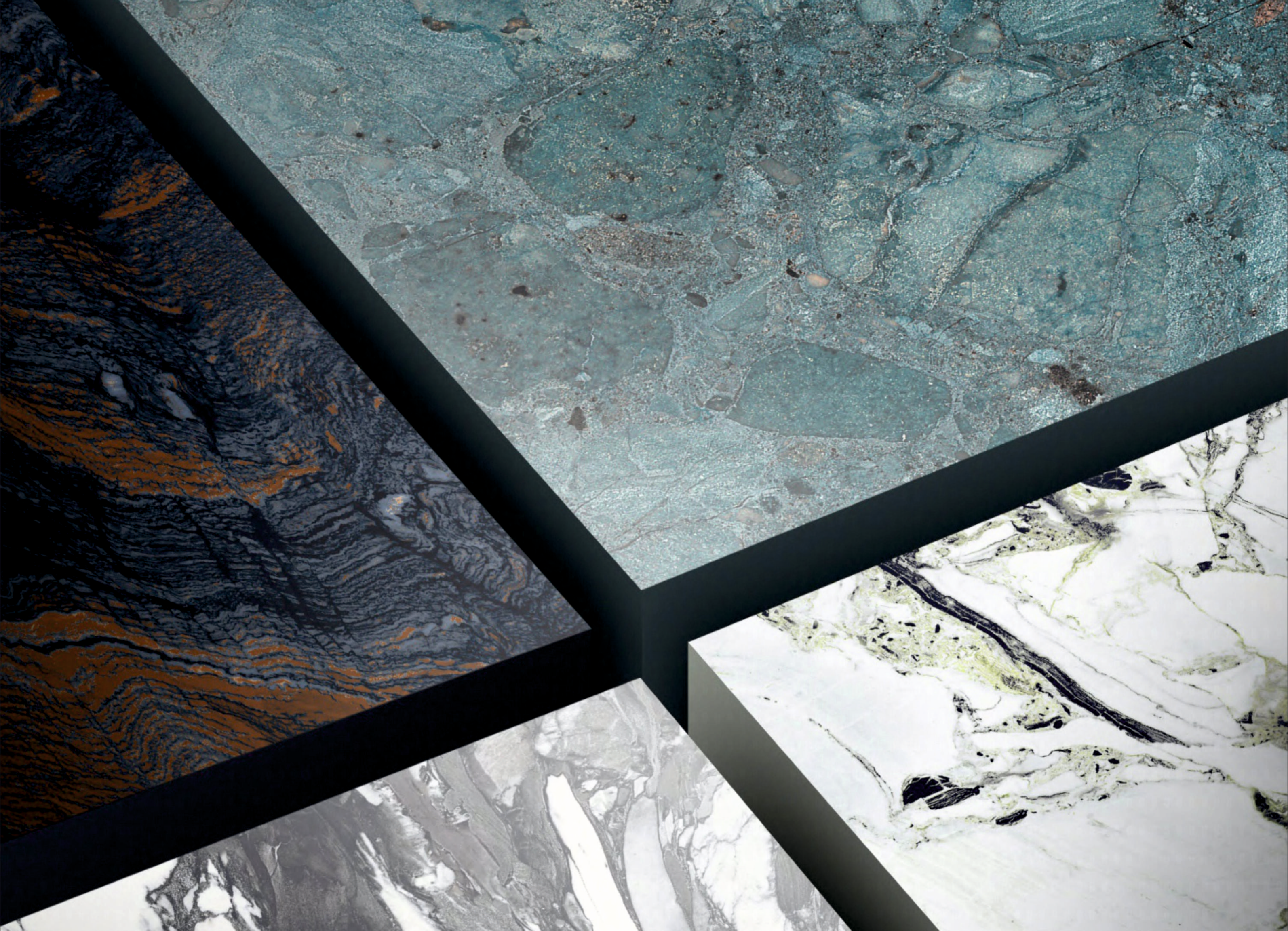
THE PREMIUM TILES

illuminating your world with unparalleled
beauty and glamour.

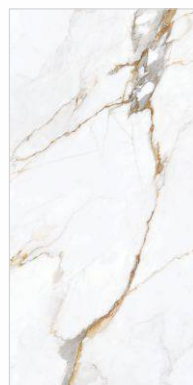
Transform your living spaces into palatial retreats
with our exquisite Asiano Ceramic tiles. Craed with
precision and designed to mesmerize, these tiles are
the epitome of luxury and sophistication.

G O L D E N H U E S T H A T
**REFLECT
THE RICHNESS**

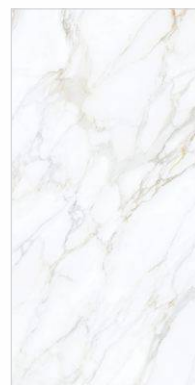




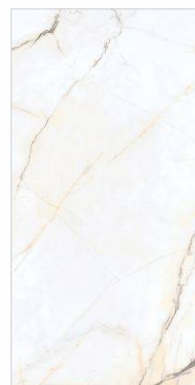
INDEX



Apollo
White



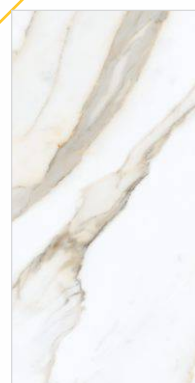
Carrara
Gold



Lincoln
Oro



Calacatta
Belisimo



Calacutta
Royale



Calacatta
Luccicoso



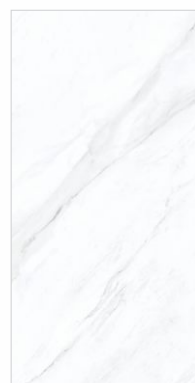
Calacutta
Light



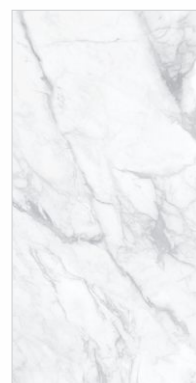
Atlantic
Bianco



Statuario
Natural



Statuario
Platina



Ariston
Bianco



Michel
Bookmatch



Oyster
Bianco



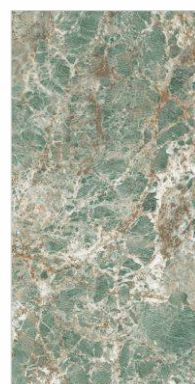
Patagonia
Crystallo



Patagonia
Classic



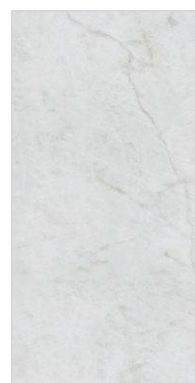
Royal Panda
Bookmatch



Amezonite
Rust



Illusion
Bronze



Ice
Bianco



Scot
Onyx



Sand
Onyx



Linux
Onyx



Onice
Blue



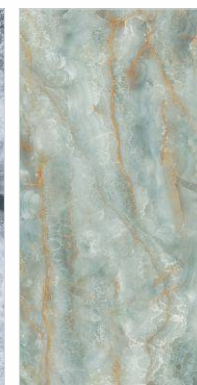
Onice
Menta



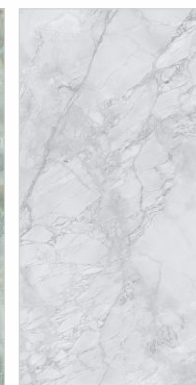
Oceano
Onyx



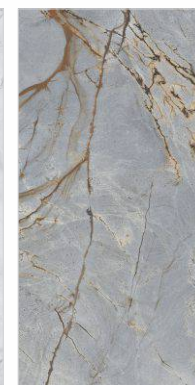
Agate
Blu



Onice Sea
Green



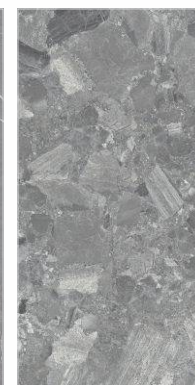
Victoria
Grey



Roma
Blue



Slate
Pietra



Sonata
Grey



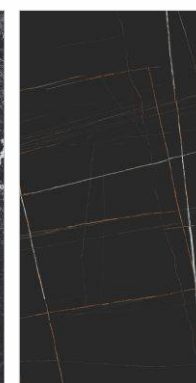
Agate
Charcoal



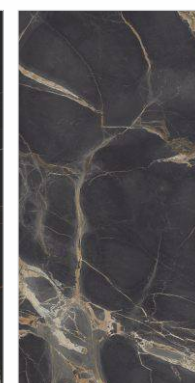
Black
Gold



Black
Panther



Laurent
Gold



Macabus
Gold



Marqus
Aqua



Verde
Alpi



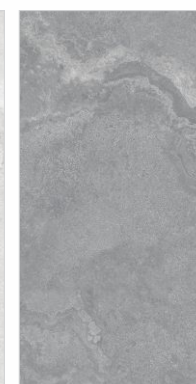
Travertino
Sand



Travertino
Ash



Pluto
Smoke



Pluto
Gris



Cement
Grey



Marrazi
Sand



Marrazi
Grey



Dazzle
Brown



Dazzle
Nero



Teak
Almond



Woodland
Redice



Woodland
Walnut



APOLLO WHITE

APOLLO WHITE



asiano

THE PREMIUM TILES

APOLLO
WHITE

Elevate your home's aesthetic with tile finishes, adding a touch of glamour and sophistication.

F2 Bookmatch



APOLLO WHITE

SIZE : 1600x3200mm | 63"x126"

BODY : WHITE

SURFACES : STARLIGHT, SPECULUM, HONED, MILAGRO, BRILLO, LEGACY

Thickness

☒ 12mm

☒ 20mm



F1



F2



CARRARA GOLD

CARRARA GOLD



asiano

THE PREMIUM TILES

CARRARA GOLD

Add depth and dimension to every corner with tile accents turning ordinary spaces into a work of art.

CARRARA GOLD

SIZE : 1600x3200mm | 63"x126"
BODY : WHITE

SURFACES : STARLIGHT, SPECULUM, HONED, MILAGRO, BRILLO, LEGACY

Thickness
☒ 12mm
☒ 20mm



F1



F2



LINCOLN ORO



asiano

THE PREMIUM TILES

LINCOLN
ORO

Make a bold statement with the striking tile patterns, designed to add drama and personality.

F3 Bookmatch



LINCOLN ORO

SIZE : 1600x3200mm | 63"x126"

BODY : WHITE

SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO, LEGACY

Thickness

☒ 12mm

☒ 20mm



F1



F2



F3



AMEZONITE RUST





CALACUTTA ROYALE

Step into a world of endless inspiration and immerse every corner with brilliance.

F3 Bookmatch



CALACUTTA ROYALE

SIZE : 1600x3200mm | 63"x126"
BODY : WHITE

SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO, LEGACY

Thickness
☒ 12mm
☒ 20mm



F1



F2



F3



ICE BIANCO

SAND ONYX



asiano

THE PREMIUM TILES

SAND
ONYX

Explore a fusion of timeless charm
and modern functionality.

SAND ONYX

SIZE : 1600x3200mm | 63"x126"
BODY : IVORY

SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO, LEGACY

Thickness
☑ 12mm
☑ 20mm



F1



F2



ATLANTIC BIANCO

ATLANTIC BIANCO

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ATLANTIC BIANCO

Infuse your space with a touch of nostalgia with vintage-inspired tile selections.

F2 Bookmatch

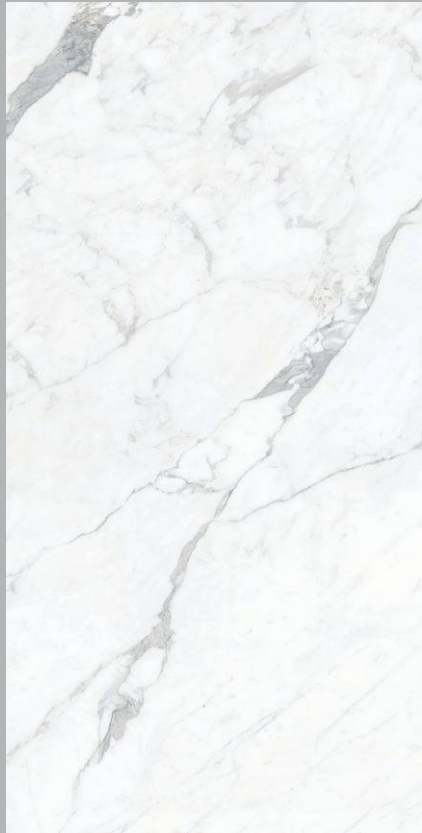


ATLANTIC BIANCO

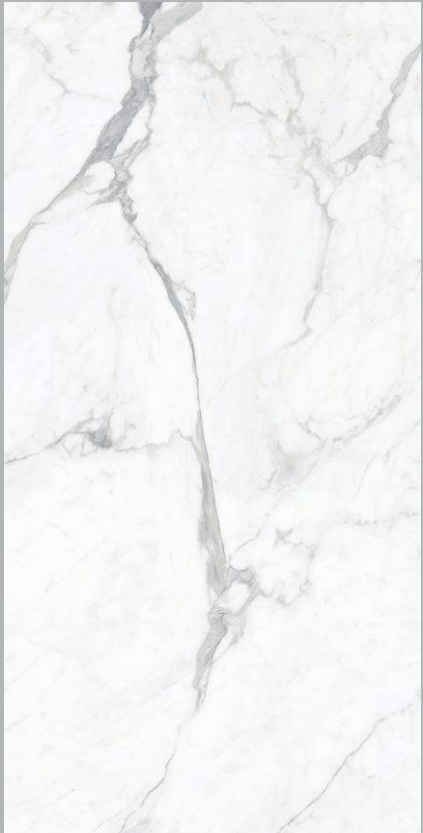
SIZE : 1600x3200mm | 63"x126"
BODY : WHITE

SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO, LEGACY

Thickness
☒ 12mm
☒ 20mm



F1



F2



OCEANO ONYX





STATUARIO PLATINA

Elevate your home with testament
of excellence and quality.

F1 Bookmatch



STATUARIO PLATINA

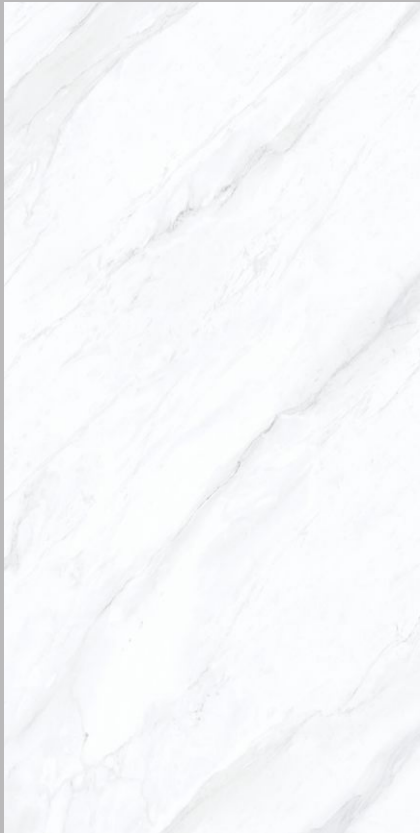
SIZE : 1600x3200mm | 63"x126"
BODY : WHITE

SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO, LEGACY

Thickness
☒ 12mm
☒ 20mm



F1



F2



ONICE SEA GREEN



MICHEL BOOKMATCH

MICHEL BOOKMATCH

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MICHEL BOOKMATCH

Discover the artistry of intricately
crafted designs with bespoke
elegance.

MICHEL BOOKMATCH

SIZE : 1600x3200mm | 63"x126"
BODY : WHITE

SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO

Thickness
☒ 12mm
☒ 20mm



FA

FB







PATAGONIA CRYSTALO

PATAGONIA CRYSTALO

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PATAGONIA CRYSTALO

Infuse your space with character
and charm with unique tile design.

PATAGONIA CRYSTALO

SIZE : 1600x3200mm | 63"x126"
BODY : WHITE

SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO, LEGACY

Thickness
☒ 12mm
☒ 20mm



F1

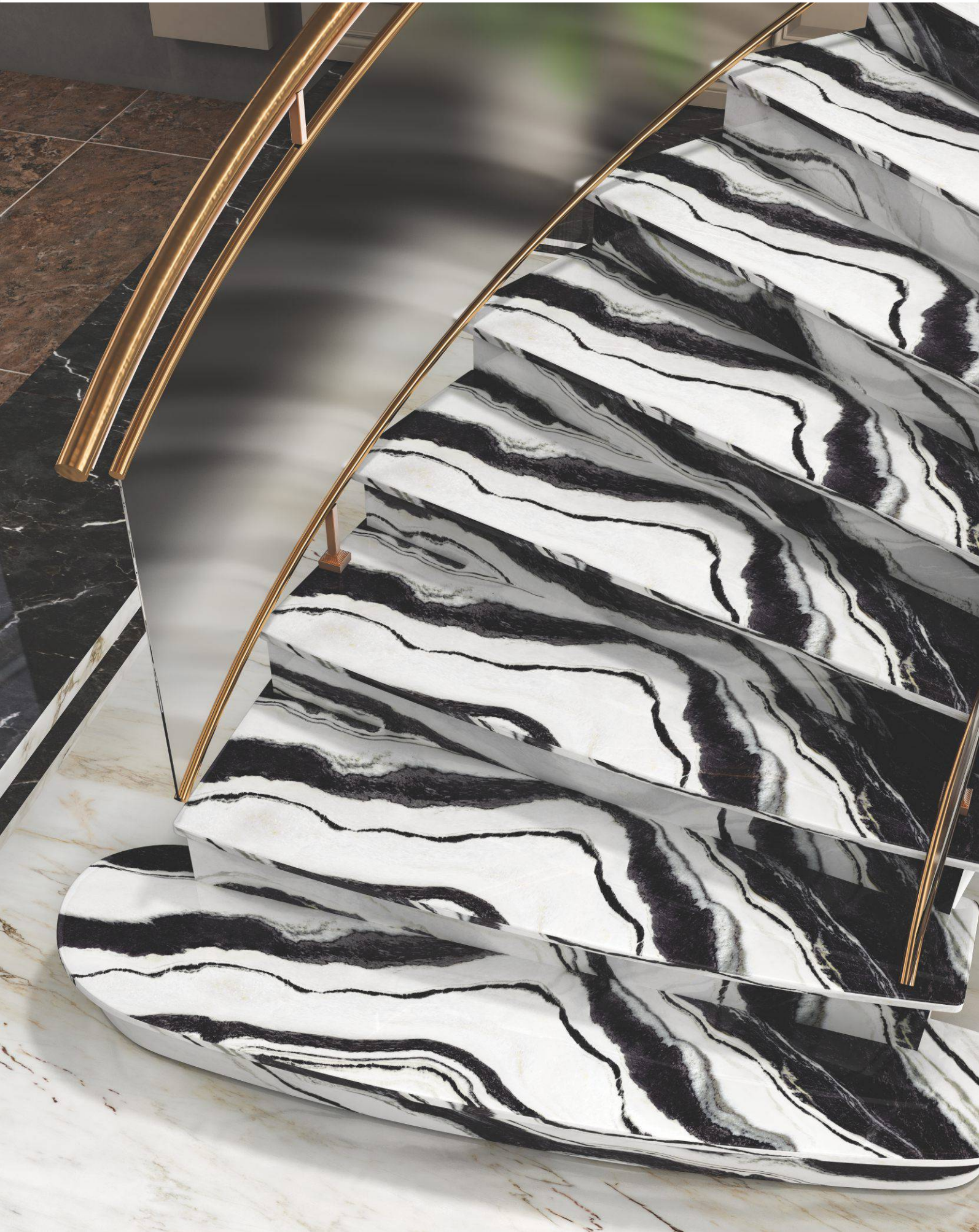


CALACATTA BELISIMO



ROYAL PANDA BOOKMATCH

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ROYAL PANDA BOOKMATCH

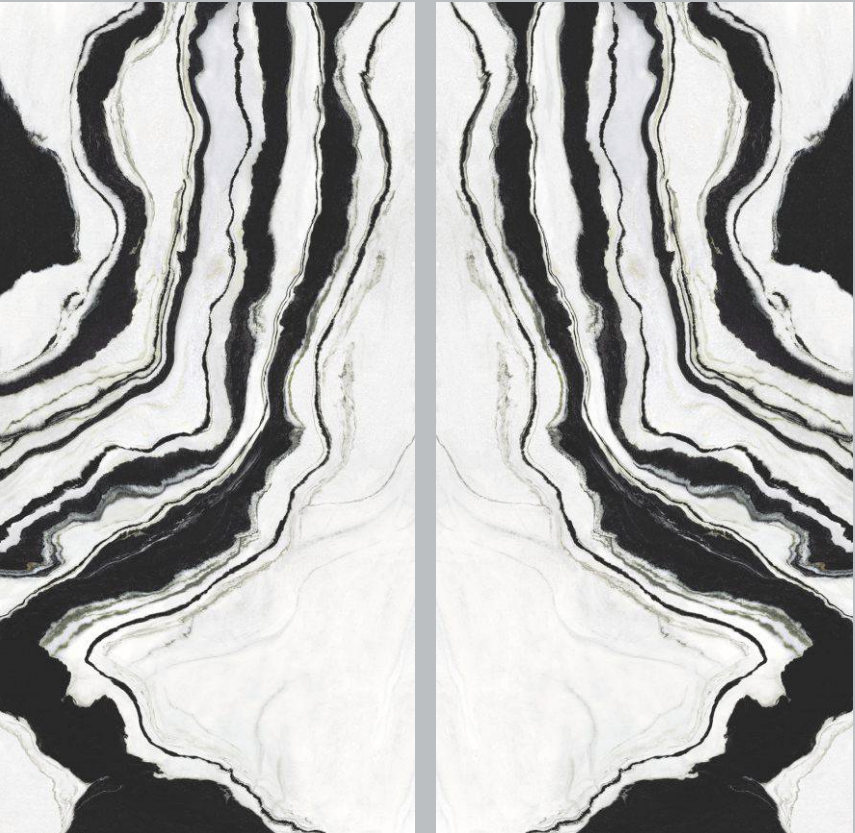
Create a sanctuary of style and comfort with unique & innovative tiles.

ROYAL PANDA BOOKMATCH

SIZE : 1600x3200mm | 63"x126"
BODY : WHITE

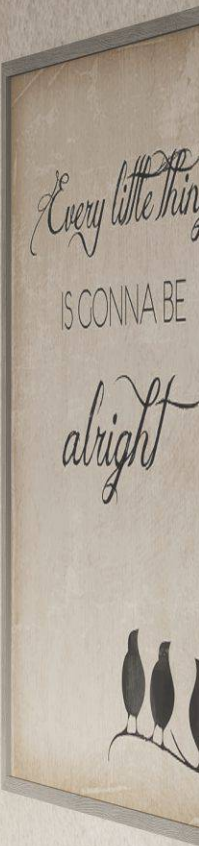
SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO

Thickness
☒ 12mm
☒ 20mm





CALACATTA LUCCICOSO



ILLUSION BRONZE

ILLUSION BRONZE

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ILLUSION BRONZE

Transform your space into a sanctuary of style imbued with unique character.

ILLUSION BRONZE

SIZE : 1600x3200mm | 63"x126"
BODY : BROWN

SURFACES : STARLIGHT, SPECULAM, HONED, MILAGRO, BRILLO, LEGACY

Thickness
☒ 12mm
☒ 20mm



F1



F2



CALACUTTA LIGHT



SCOT ONYX

SCOT ONYX

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SCOT ONYX

Step into the future of design with
our innovative tile options.

SCOT ONYX

SIZE : 1600x3200mm | 63"x126"
BODY : WHITE

SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO, LEGACY

Thickness
☒ 12mm
☒ 20mm



F1



F2





LINUX ONYX

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LINUX ONYX

Attain balance within your living space and enhance it to reach a higher standard of quality.

LINUX ONYX

SIZE : 1600x3200mm | 63"x126"
BODY : IVORY

SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO, LEGACY

Thickness
☒ 12mm
☒ 20mm



F1



F2





ONICE MENTA

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ONICE MENTA

Experience opulence like never before, epitomizing luxury and exclusivity.

ONICE MENTA

SIZE : 1600x3200mm | 63"x126"
BODY : WHITE

SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO

Thickness
☒ 12mm
☒ 20mm



F1



F2



OYSTER BIANCO



AGATE BLU

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AGATE BLU

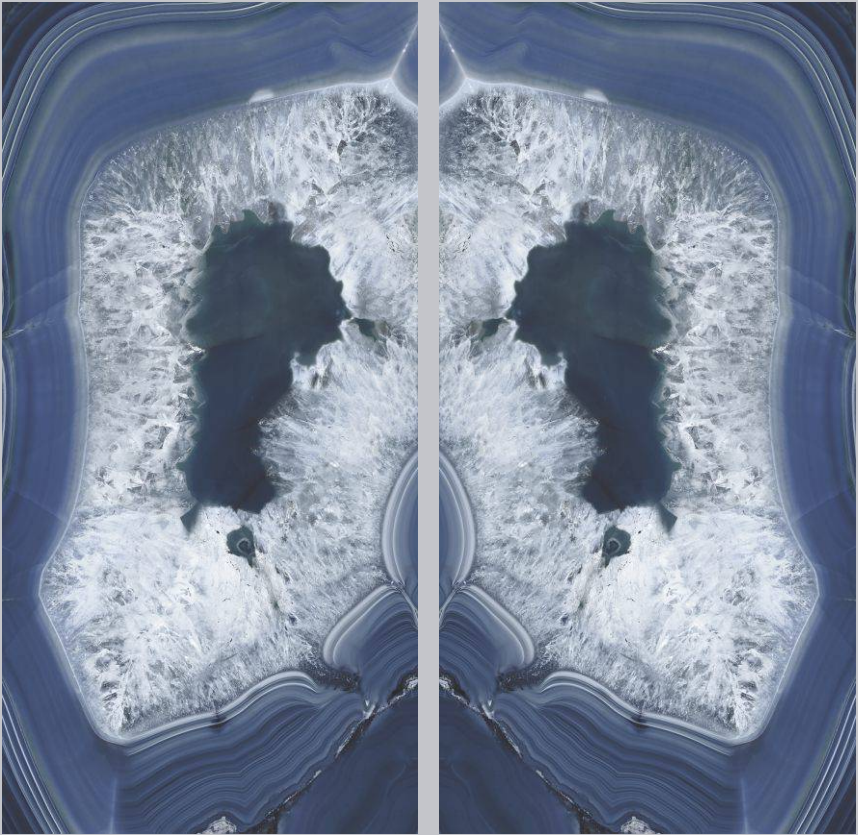
Attribute your space with a dreamy
appeal of the surface with
unmatched allure.

AGATE BLU

SIZE : 1600x3200mm | 63"x126"
BODY : WHITE

SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO

Thickness
☒ 12mm
☒ 20mm







VICTORIA GREY

VICTORIA GREY

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VICTORIA GREY

Infuse your surroundings with contemporary charm effortlessly and redefine every corner.

VICTORIA GREY

SIZE : 1600x3200mm | 63"x126"
BODY : GREY

SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO, LEGACY

Thickness
☒ 12mm
☒ 20mm



F1



F2



SLATE PIETRA

SLATE PIETRA

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SLATE PIETRA

Discover the awe-inspiring allure of surfaces with impeccable style & sophistication.

SLATE PIETRA

SIZE : 1600x3200mm | 63"x126"
BODY : GREY

SURFACES : STARLIGHT, SPECULUM, HONED, MILAGRO, BRILLO, LEGACY

Thickness
☒ 12mm
☒ 20mm



F1



F2



SONATA GREY

SONATA GREY

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SONATA GREY

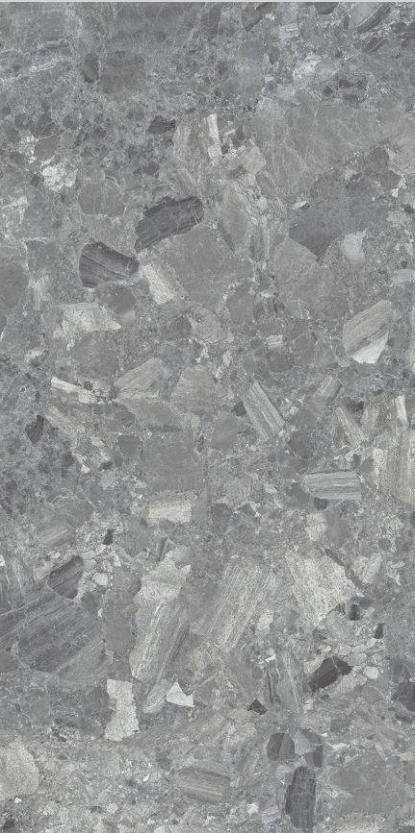
Create a sense of balance and
elevate your space's overall appeal
to a new level of elegance.

SONATA GREY

SIZE : 1600x3200mm | 63"x126"
BODY : GREY

SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO, LEGACY, LEATHER

Thickness
☒ 12mm
☒ 20mm



F1



F2



TRAVERTINO ASH



BLACK GOLD

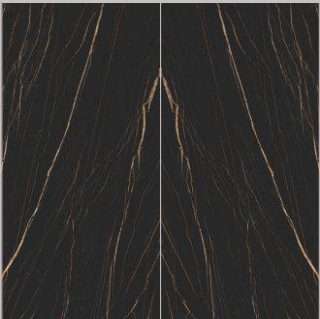
BLACK GOLD

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BLACK GOLD

Effortlessly create a contemporary
& chic environ with impressive
designs & patterns.

F1 Bookmatch

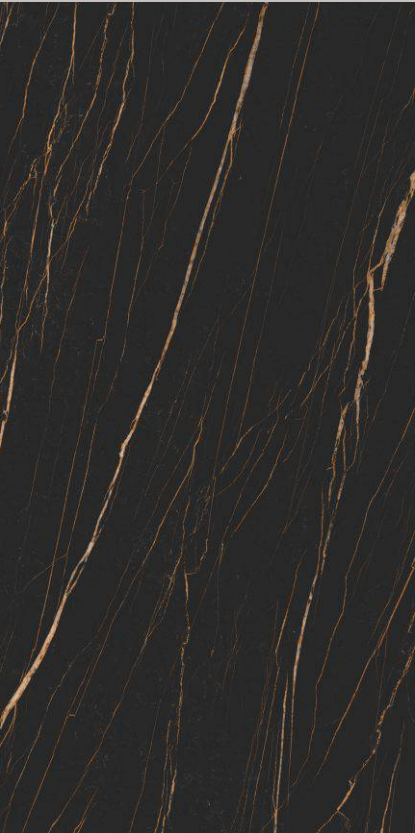


BLACK GOLD

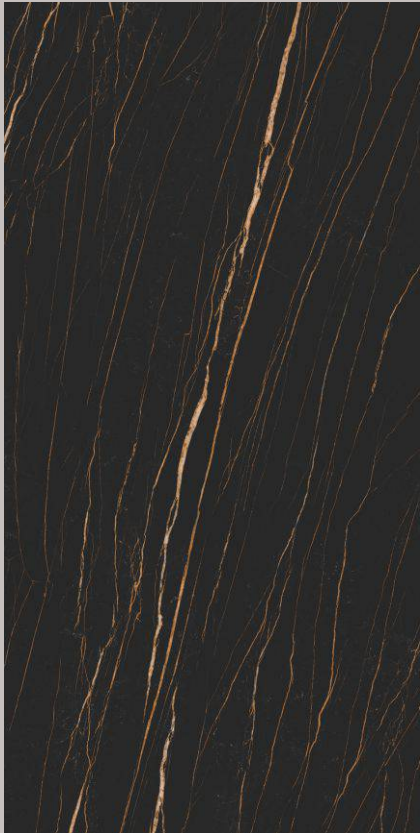
SIZE : 1600x3200mm | 63"x126"
BODY : BLACK

SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO, LEGACY

Thickness
☒ 12mm
☒ 20mm



F1



F2





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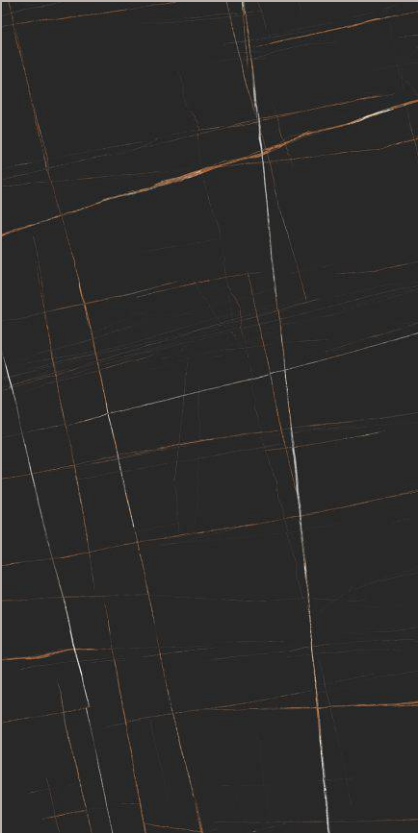
LAURENT GOLD

Elevate your dining experience with tiles offering the perfect blend of organic beauty and modern convenience.

LAURENT GOLD

SIZE : 1600x3200mm | 63"x126"
BODY : **BLACK**

SURFACES : **STARLIGHT, SPECULUM, HONED, MILAGRO, BRILLO, LEGACY**



F1

Thickness
☒ 12mm
☒ 20mm





MARQUS AQUA

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MARQUS AQUA

Tiles that enhance the aesthetic appeal of your home but also ensure longevity.

MARQUS AQUA

SIZE : 1600x3200mm | 63"x126"
BODY : **BLACK**

SURFACES : **STARLIGHT, SPECULUM, HONED, BRILLO**

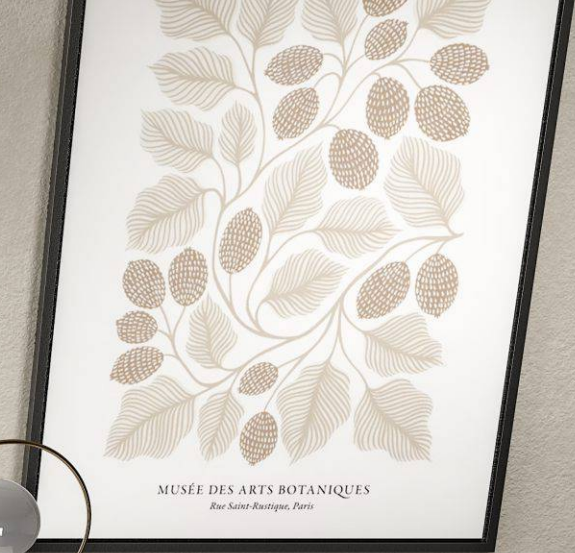


F1

Thickness
☒ 12mm
☒ 20mm



DAZZLE BROWN



TRAVERTINO SAND

TRAVERTINO SAND

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TRAVERTINO SAND

Step into a world where tradition meets innovation in architectural design.

TRAVERTINO SAND

SIZE : 1600x3200mm | 63"x126"
BODY : IVORY

SURFACES : STARLIGHT, SPECULUM, HONED, BRILLO, LEGACY, LEATHER

Thickness
☒ 12mm
☒ 20mm



F1



F2



AGATE CHARCOAL

Grand Place



PLUTO SMOKE



PLUTO SMOKE

Redefine sophistication with tiles that capture the essence of nature & instill everlasting charm.

PLUTO SMOKE

SIZE : 1600x3200mm | 63"x126"
BODY : WHITE

SURFACES : LEGACY, LEATHER

Thickness
☒ 12mm
☒ 20mm



F1

F2



BLACK PANTHER



CEMENT GREY

CEMENT GREY

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CEMENT GREY

Transform your space into a sanctuary of opulence with tiles that embody contemporary chic.

CEMENT GREY

SIZE : 1600x3200mm | 63"x126"
BODY : GREY

SURFACE : LEGACY



FI

Thickness
☒ 12mm
☒ 20mm



MACABUS GOLD



MARRAZI GREY

MARRAZI GREY

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MARRAZI GREY

This neoclassic marvel is a testament to contemporary architectural excellence.

MARRAZI GREY

SIZE : 1600x3200mm | 63"x126"
BODY : GREY

SURFACES : LEGACY, LEATHER



F1



F2

Thickness
☒ 12mm
☒ 20mm



VERDE ALPI



DAZZLE NERO



DAZZLE NERO

Experience the artistry of design
and spark inspiration in every
corner.

DAZZLE NERO

SIZE : 1600x3200mm | 63"x126"
BODY : **BLACK**

SURFACES : **LEGACY, LEATHER**

Thickness
☒ 12mm
☒ 20mm



F1



F2



TEAK ALMOND

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TEAK ALMOND

Discover the excellent choice for
defining modern aesthetics.

TEAK ALMOND

SIZE : 1600x3200mm | 63"x126"
BODY : IVORY

SURFACES : LEGACY

Thickness
☒ 12mm
☒ 20mm



F1

F2



WOODLAND REDICE

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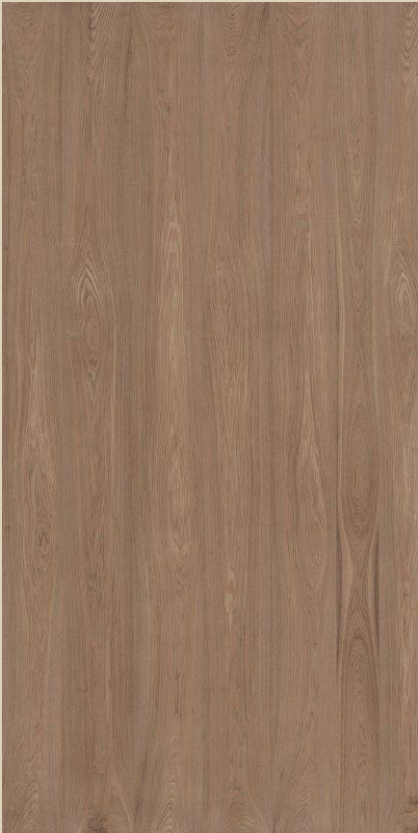
WOODLAND REDICE

Get the natural beauty indoors with wood-look surfaces.

WOODLAND REDICE

SIZE : 1600x3200mm | 63"x126"
BODY : **BROWN**

SURFACES : **LEGACY**



F1

Thickness
☒ 12mm
☒ 20mm



WOODLAND WALNUT

WOODLAND WALLNUT

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WOODLAND WALLNUT

Say hello to the elegance of wood
with the practicality of tiles.

WOODLAND WALLNUT

SIZE : 1600x3200mm | 63"x126"
BODY : BROWN

SURFACE : LEGACY



F1

Thickness
☒ 12mm
☒ 20mm

Models only

available for projects



Acropolis Grano
Book Match



Arbesccato



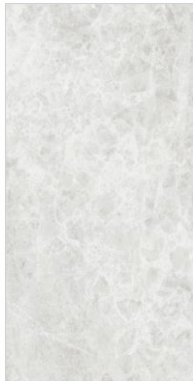
Calacutta
Venato



Calacutta
Oro



Cloudy
Onyx



Calsite
Onyx



Dubai



Himalaya
Crystal



Lasa
White



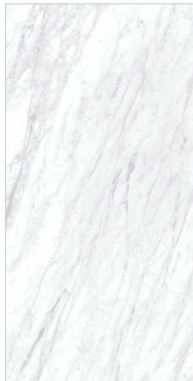
Onyx
Dove



Patagon
Stone



Patagonia
Bianco



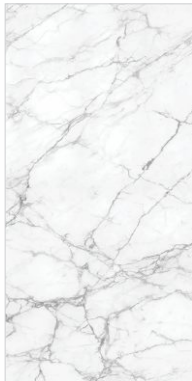
Pearl
White



Statuario
Oreo



Statuario
Toh



Torso
Bianco



Veronic
Arbesque



Honey
Onyx



Tajmahal



Torso
Gold



Turkey
Onyx



Amazonite



Baobob
Furry



Botanic
Blue



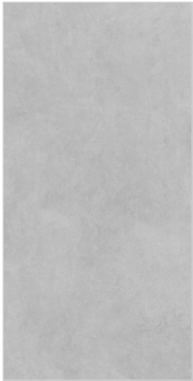
Ferero
Silver



Imperio
Armani Grey



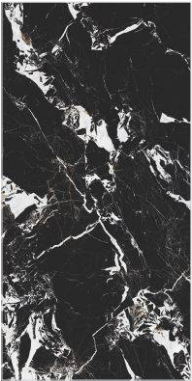
Empradore
Light



Java
Gris



William
Grey



Antico
Black



Atlas
Neo



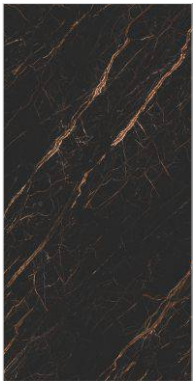
Belgiun
Black



Black
Noir



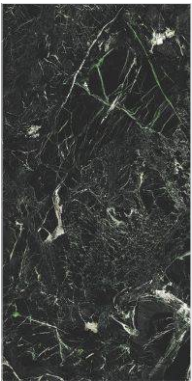
Botanic
Black



Magma
Black



Maqaina
Black



Marmo
Forest



William
Nero



Imperio
Armani Mocha



Java
Camel



Java
Crema



Java
Tobbaco



Java
Burly



Java
Coffee



Novotone
Bistre



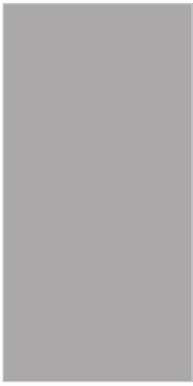
Novotone
Bronze



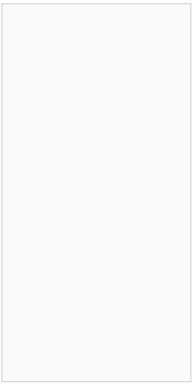
Novotone
Steel



Novotone
Harbor



Novotone
Pewter



Solid
Bianco



Venta
Black

Full Body

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 these 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 specification

CHARACTERISTIC	TEST METHOD	MEAN VALUE	STD. AS PER ISO13006:2012/ EN14411 Gr.Bla	STD. AS PER IS15622:2017 Gr.Bla
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/mm ²	Min. 35.0 N/mm ²	Min. 35.0 N/mm ²
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 Chem- icals & 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

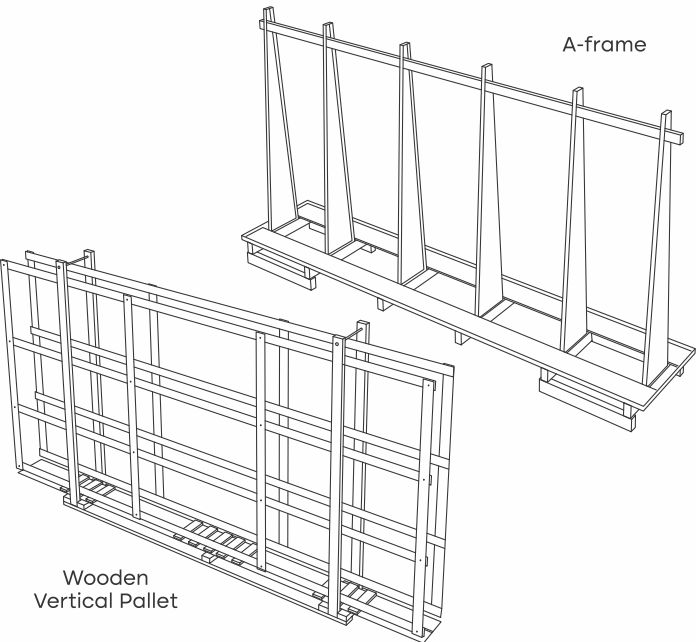
Size	Thickness	sq. mtr / Slab	Weight / Slab	Pallet Type	Slabs / Pallet	Weight / Pallet	Pallet / Container	Slabs / Container	sq. mtr / Container	Weight / Container	Size of Container
3200x1600mm	12mm	5.12	145.0 kg	A-Frame	20 slabs	3010kg	9	180	921.60	27090kg	40 ft
3200x1600mm	12mm	5.12	145.0 kg	Crate	20 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

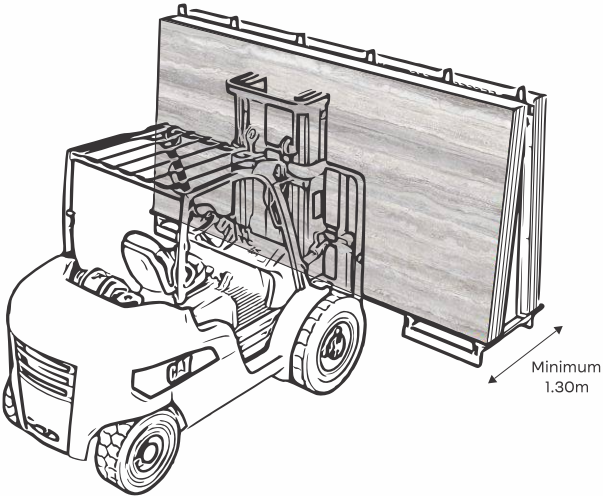
A-frames & Wooden Vertical Pallet

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.

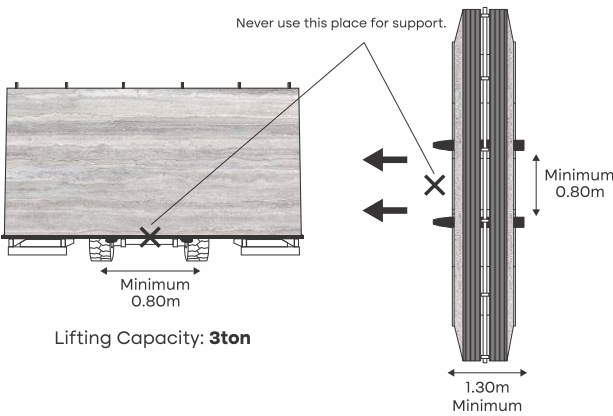


Handling the slabs on the construction site



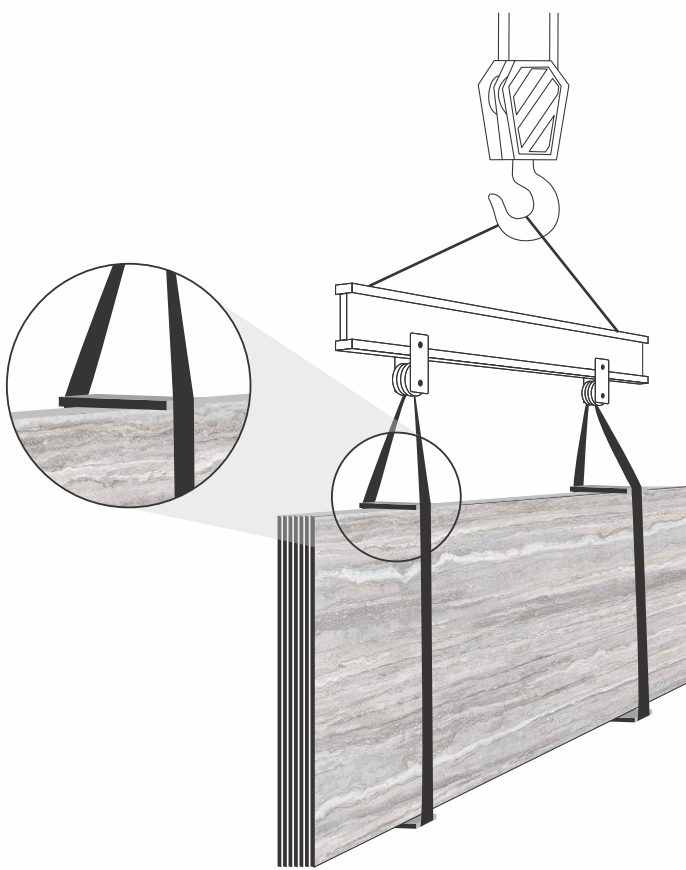
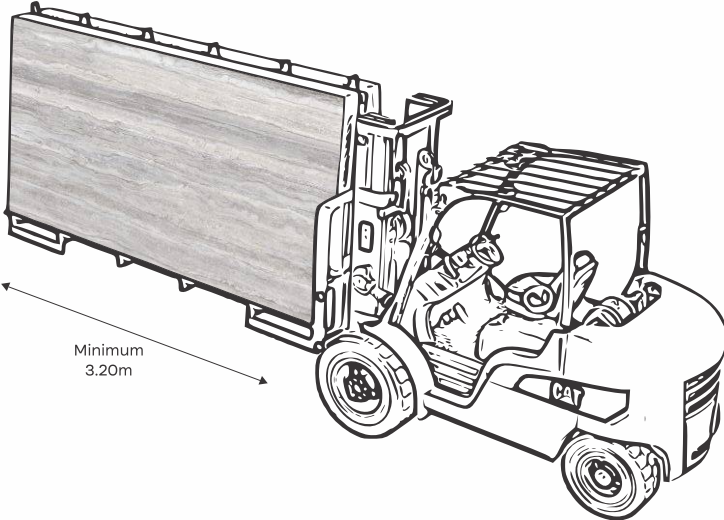
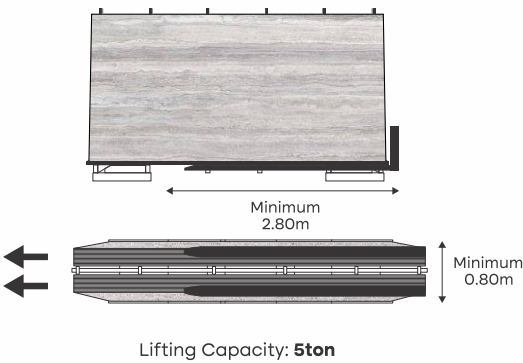
A-frame handling from long side (A) (Recommended choice)

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.



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.



Handling with crane

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

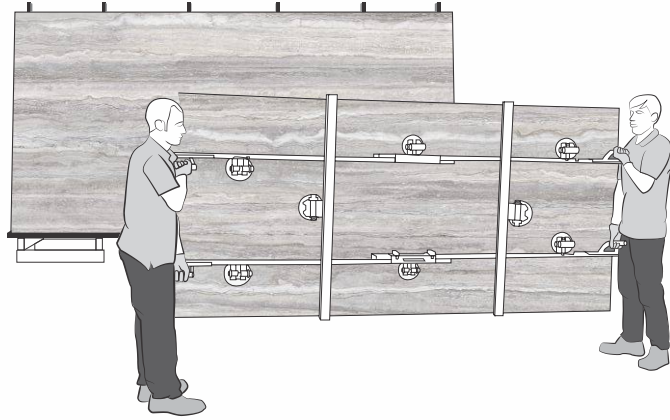
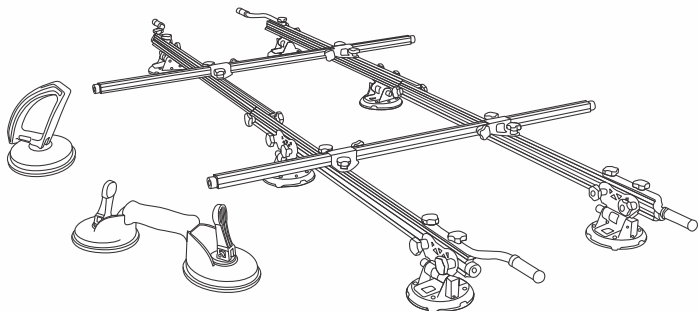
Ensure that for deliveries an oversized stone slab or board is supplied on the steel A-frame as backing support. Strap in Maximum to ensure no horizontal movement occurs during transport.

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

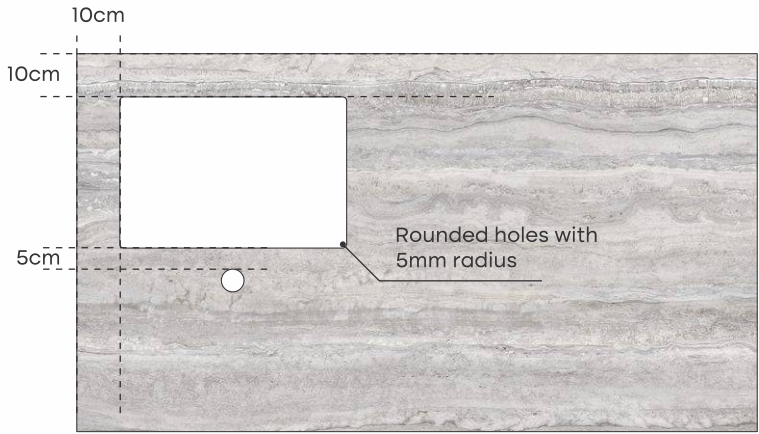
The slabs can be cut, shaped, and transformed with cutouts for sinks or holes for taps, using the professional machines in use at machining centres, such as disc cutters, CNC machines and water jet cutters.

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.

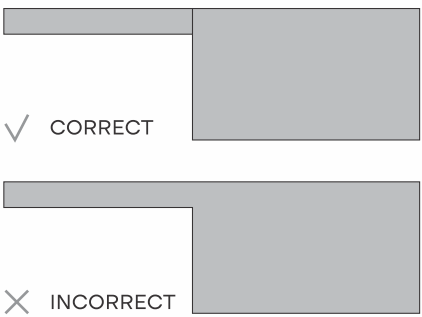
We recommend radiuses of more than 1/4" when the kitchen design allows as it makes the countertop firmer.



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

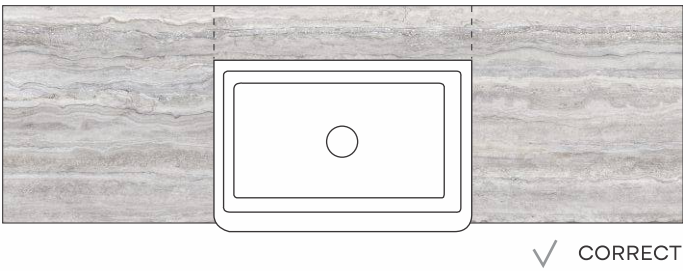


- Two straight cuts must never be joined
- No squared inner corners
- All inner corners must have one radius

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

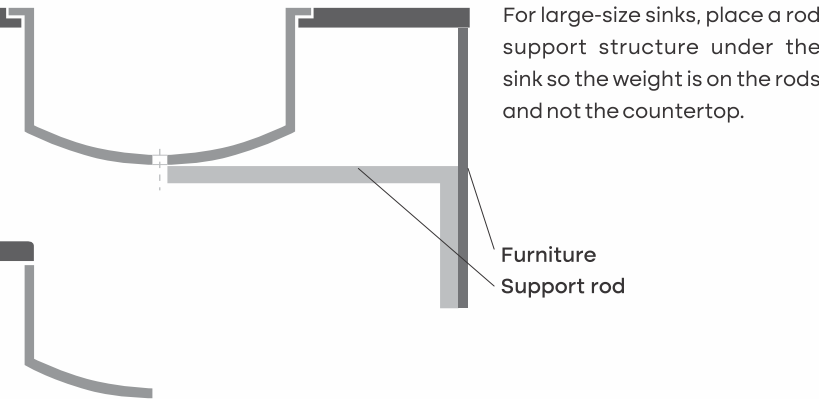
Flush sinks

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.

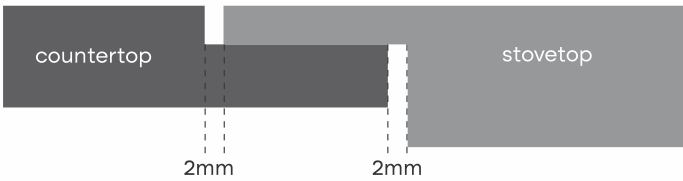
Undermount sinks

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



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

Glass-ceramic / induction stovetops



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

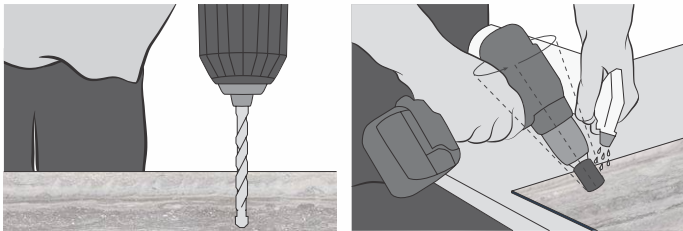
Use the right heat-resistant silicone or the joints supplied by the stovetop manufacturer.

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

Circular holes

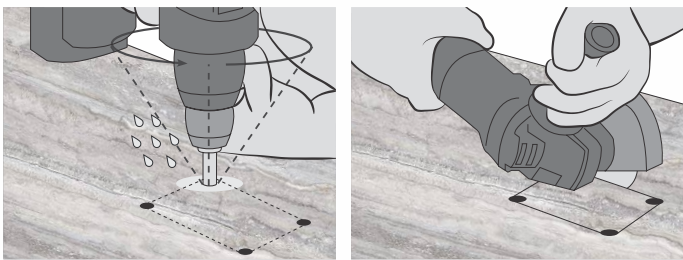
Using a diamond bur, start cutting the hole with the hammer drill function switched off, cutting the slab at an angle of approximately 75°.

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.

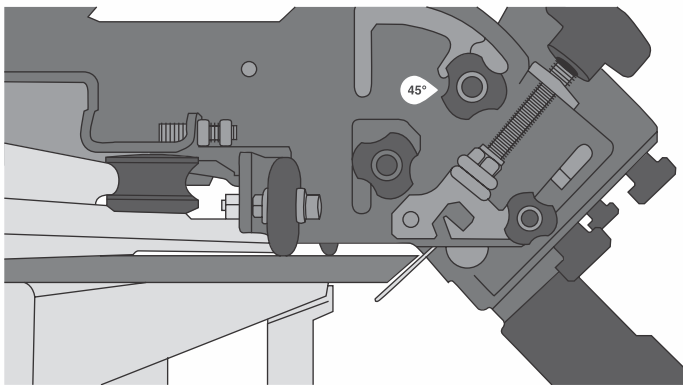


45° Angles

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.

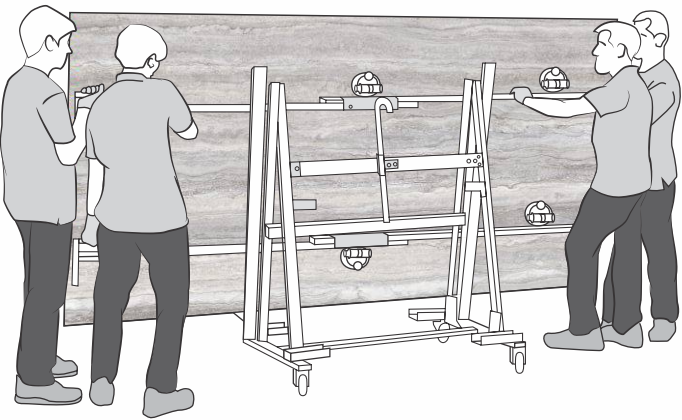
Start cutting the slab with a 45° angle using the cutting bar accessory. Proceed by slowly cutting at a 45° angle, at a constant speed, along the entire edge of the slab.

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 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. These 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 SLABS are even using a suitable box level. Levelling systems are available with 2mm 3mm and 5mm tile spacers.

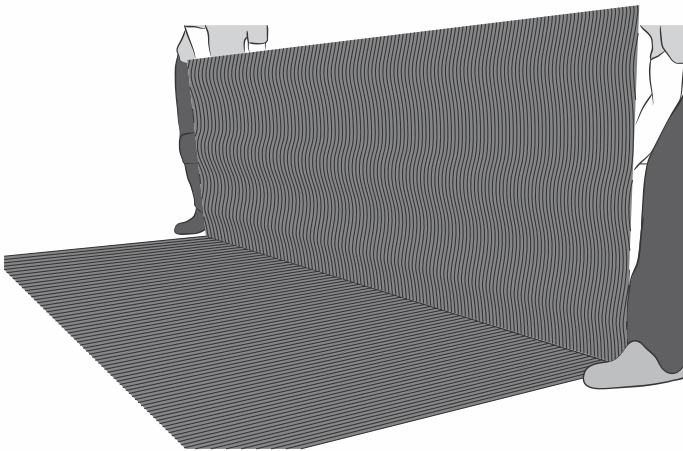
Periodically check the tiles backs to make sure there is full contact between the adhesive and tile. If not, apply additional adhesive to the tile or use a troll with larger notches in your adhesive. As you are working wipe off excess mortar with a wet sponge.

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 the SLABS are clean and dry, if necessary wash them with clean water and dry them thoroughly before fixing.

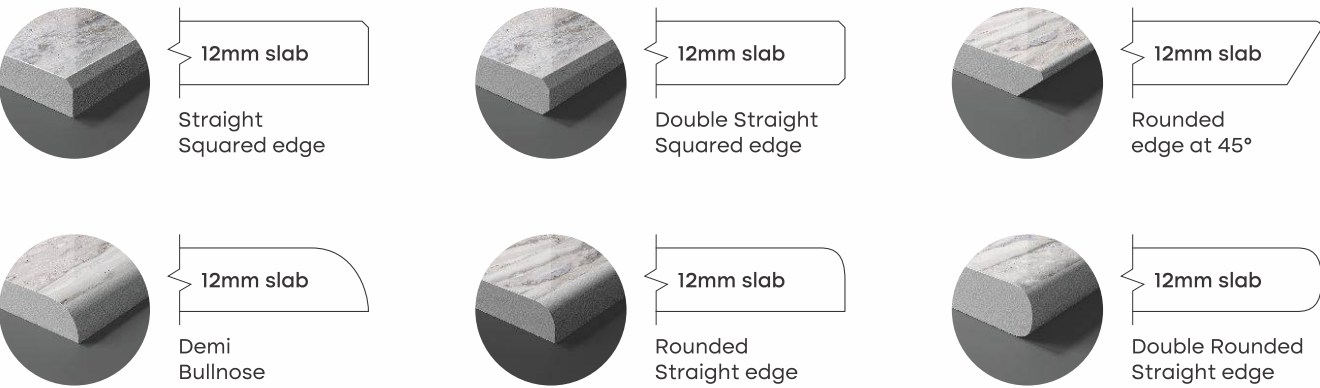
Whatever your specific requirements, whether they be for standard or large formats or within the internal or external applications, selecting the appropriate cement-based, fibre-reinforced or ready-mixed adhesive is vital to ensuring the success of your project.

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 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 SLABS with adhesive is ensured.



Edge profile

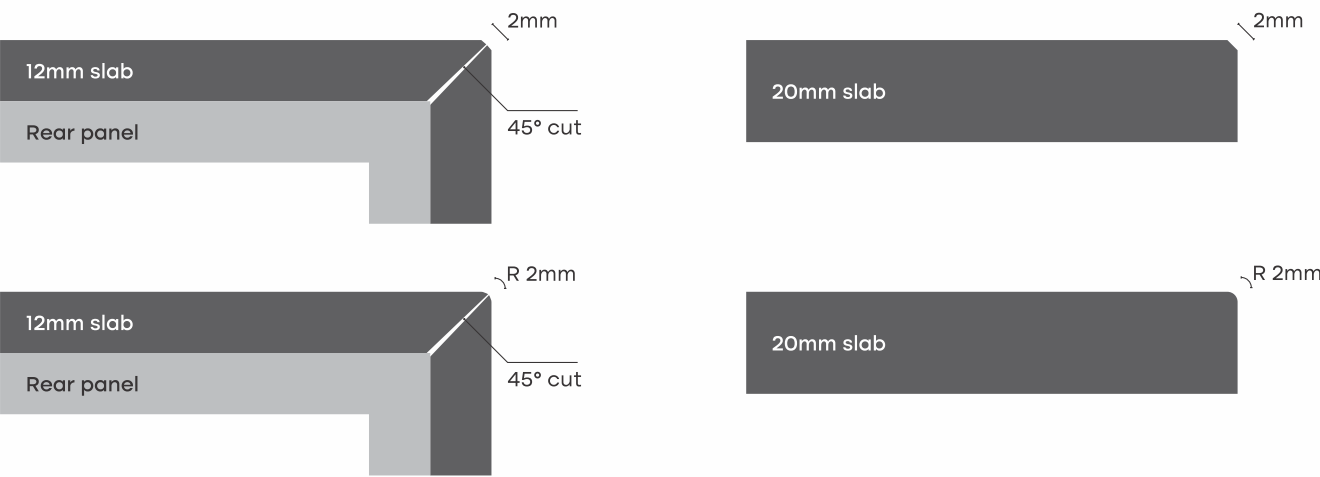
These surfaces boast a 12mm thickness that makes them extra durable and sturdy and the full body offers the possibility of various edge profiles providing complete creative freedom.



Tops edges

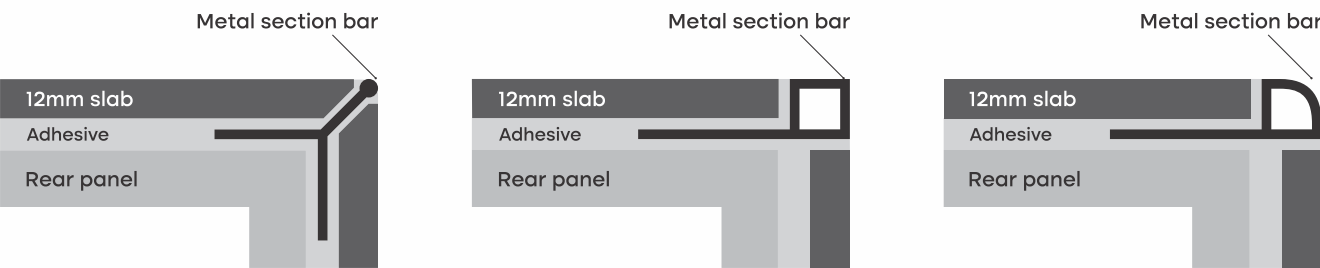
Whatever kind of edge you intend to use will have to be completed with a chamfer or bevel around the perimeter and its finish can be produced using either automatic machines or manually, using suitable discs.

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.

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.

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.

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.

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.

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.

Technology

Delivering modern problems their modern solutions with modern technology along with an innovative approach is the need of the hour.



Quality accreditations



Export country

WORLD-CLASS
QUALITY READY
TO EXPLORE
MARKETS

Exceptional products
are ready to rule the
domestic and
international market.

Our superior product range consisting of innovative products and excellent quality are ready to put their mark on the domestic and international market. The expertise, spectacular range, premium offering, and quality will soon rule markets with extensive domestic and worldwide exports.

- | | | |
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| USA | Iraq | Uzbekistan |
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| Kenya | Thailand | Cypras |
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Note



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