

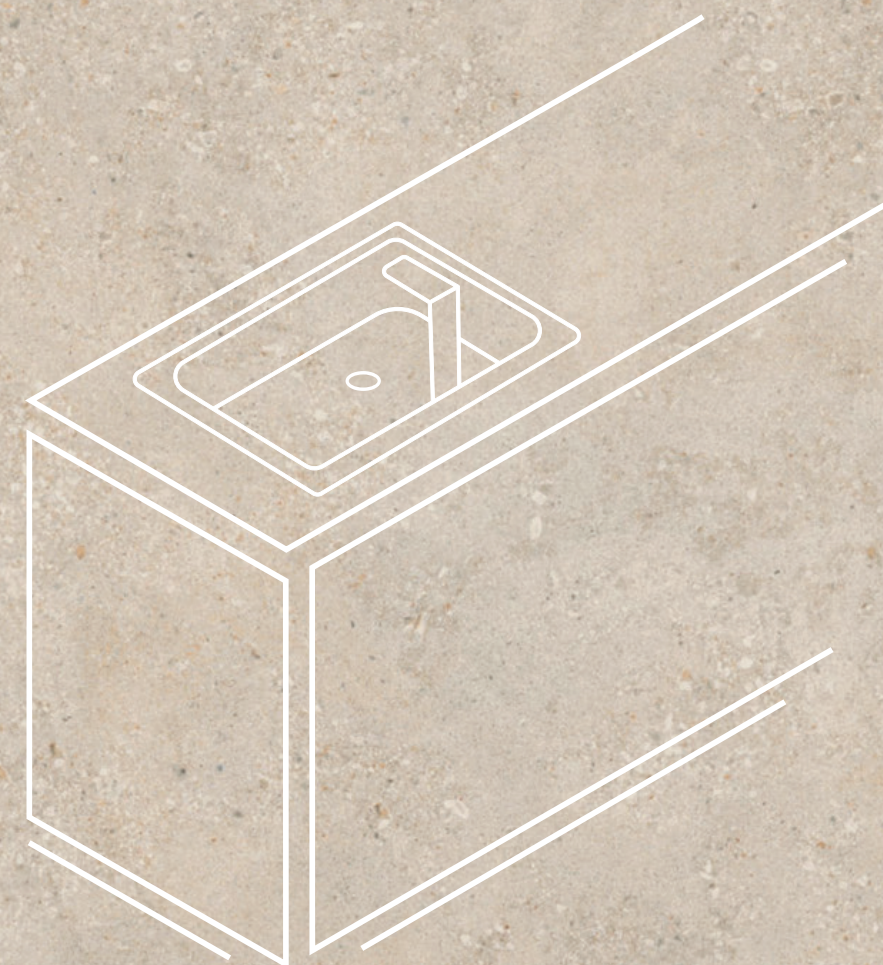


Pure Surface Solutions Ltd

 07407048979

 Info@puresurface.co.uk

 www.puresurface.co.uk



MULTI PURPOSE
PORCELAIN SLABS

3200x1600mm | • | 2600x1200mm



LUXURIOUS PORCELAIN FOR AN UNMATCHED LIFESTYLE

EMBRACE LUXURIOUS LIVING WITH AN
EXCEPTIONAL COLLECTION OF ITALIAN-INSPIRED
PORCELAIN SLABS IN EXTRAVAGANT SIZES &
GRANDEUR.

Our spaces serve as windows into our mindset, tastes, and worldview, reflecting how we interpret and engage with the world around us. These spaces tell a narrative about our journey—the places we've visited, the people we've encountered, and the life we aspire to create. They are a reflection of who we are, mirroring the beauty we perceive and strive to bring into existence.

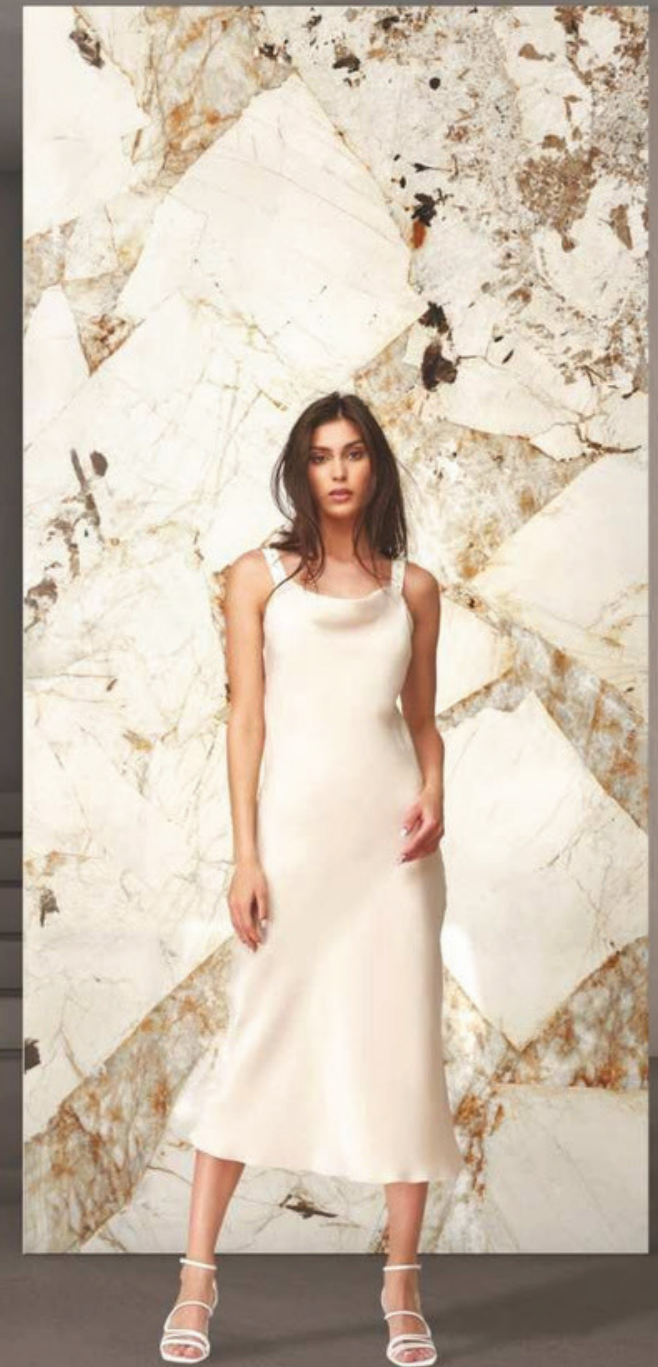
Designing spaces that reflect your memories, vision, and unique design sensibilities is essential, and selecting the right materials is key to bringing those spaces to life. These choices help create environments that express your personality and translate your worldview into your home, shaping a space that truly embodies your perspective and aspirations.

Bayshield offers a luxurious collection of surfaces, inspired by the artistic excellence of Italian ceramics, to help bring your vision to life and achieve the lifestyle you desire. This opulent collection combines the grandeur of exquisite surfaces with impressive, oversized dimensions, creating an unparalleled ambience in any space.

A tapestry of poetry woven into each surface, this collection tells its own story while offering you the tools to express yours within your spaces. It's a perfect blend of extraordinary aesthetics and exceptional quality, with grand dimensions that can effortlessly transform any space into a lavish masterpiece.



UNMATCHED EXTRAVAGANCE



Creating luxurious, timeless spaces that endure is no easy feat, and at Bayshield, we embrace this challenge with dedication. We offer surface solutions that are both classic and contemporary, stylish yet sturdy, reliable, and resilient. Our collection is unmatched.

With different sizes, thicknesses, finishes and endless design possibilities, we will help you craft spaces that's reflect your unique vision.



CRAFTED ELEGANTLY FOR SPACES EXCELLENT

The Bayshield Surface Collection is meticulously crafted to transform spaces into truly remarkable and unique environments that stand apart from the ordinary. These surfaces are designed with an extraordinary touch, created to elevate spaces to the same level of distinction. To achieve this, we turned to the ultimate source of inspiration – Mother Nature herself.



The surfaces and slabs of this exclusive collection are inspired by nature, an endless wellspring of beauty and creativity. Drawing from the aesthetic richness of history, the mystery of time, and nature's diverse landscapes; like cascading waterfalls, the intricate veins of marble, towering mountain ranges, verdant meadows, and the deep hues of natural stones - this collection encapsulates the

simplicity and abundance found in nature.

These elements come to life in surfaces that embody eternal elegance and modern sophistication, crafting a seamless dialogue between the natural and contemporary worlds. This collection offers more than just decoration; it provides timeless works of art that infuse spaces with natural grace and

brilliance. It also takes inspiration from nature's enduring strength, from age-old mountains to resilient stones, resulting in surfaces that are not only aesthetically sublime but also functional, blending artistry and durability in a way that is truly unmatched.



Surface Tech

THE ULTIMATE PORCELAIN INNOVATION

The remarkable slab collection from Bayshield is driven by cutting-edge technology and extensive industry expertise. This collection benefits from years of experience, technical proficiency, research and development, and the innovative Surface Tech technology. Surface Tech seamlessly integrates traditional and modern porcelain techniques, resulting in surfaces that excel in both beauty and functionality.

This technology integrates carefully controlled processes to guarantee optimal colour consistency, flawless finishes, dimensional stability in large slabs, and precise raw material processing that ensures exceptional durability and strength. By combining advanced ceramic technology derived from Spain with traditional ceramic craftsmanship, it delivers the perfect blend of innovation and time-tested techniques.

CERAMIC TECHNOLOGY





WITNESS UNPARALLELED COLOSSAL EMINENCE

To achieve a perfect balance between opulence & practicality, Bayshield presents an exceptional collection of slabs

available in a range of sizes and thicknesses ranging from 6mm to 20mm. It offers versatile solutions for various applications, catering to

different requirements.

3200x
1600mm

2600x
1200mm

Thicknesses

- ✕ 6mm
- ✕ 12mm
- ✕ 20MM

Finishes Variants

- Gloss
- Matt
- Silk



REDEFINING BEAUTY REDEFINING UTILITY

Devoiding your spaces and interiors of mediocracy, the collection brings exceptional solutions and aesthetic brilliance to the forefront for spaces to redefine beauty and utility at the same time without any compromise in any of the aspects.

FEATURES



**Anti-microbial
hygienic surface**

Exceptionally non-porous surface discourages microbial growth, offering spaces hygienic and safe for contact with food and more.



**Ultra-high
heat resistance**

Higher tolerance to heat and heated objects, the surface retains its colors and shape while under moderate use in kitchen & dining spaces.



**Superior stain
resistance**

The non-porous surface paired with quality glazing through a special process offers surfaces superior resistance towards stains and decoloration.



**Extensive
possibilities**

The size options, thickness options, and multiple finishes paired with a plethora of options open new horizons to extensive application possibilities.



**Resists
UV
rays**

Unlike other surfaces, the surfaces of this collection are resistant to impairment resulting from UV rays like decoloration and more, offering spaces longer life and beauty.

At Bayshield, we believe that resilience and beauty are inseparable. Our surfaces are designed to not only be visually stunning but also to maintain their beauty over time through exceptional durability. Thus, each surface in our collection is crafted to be highly resilient, ensuring a longer lifespan and minimal maintenance while retaining its aesthetic appeal.



**Low maintenance
needs**

The glaze, raw material, processes, and non-porosity make the surfaces easy to maintain, needing only regular cleaning.



**Stable &
non-fading colors**

The quality of materials and dyes offers colorfastness and resistance, making the colors stable and non-fading over time.



**Exceptional
scratch resistance**

The premium quality glaze and the process lend exceptional scratch resistance to the surface, making them newer looking for longer.



**Easy to
clean**

The low-maintenance surface, resistant to stains and scratches, is really easy to clean with just simple and regular cleaning.



**Lasts a
lifetime**

The durable build, premium raw material, expertly crafted size and thickness, and resistant qualities make the surfaces of the collection long-lasting.

EMBRACE
FUNCTIONALITY
AESTHETICALLY



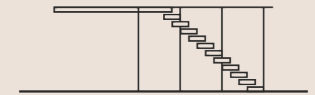
APPLICATIONS



**Doors &
Sliding Walls**



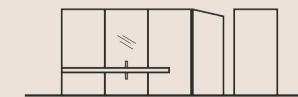
**Kitchen
Tops**



**Floors,
Walls & Stairs**



**Ventilated
Facades**



**Bathroom
Vanities**



**Backlit
Aesthetics**



**Interior
Designs**



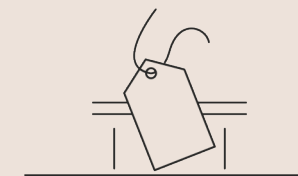
**Curved
Surfaces**



**Shelves &
Consoles**



Residential



Shops



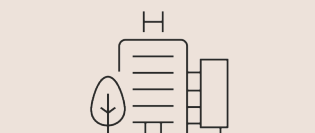
Malls



**Public
Spaces**



**Offices &
Commercial Areas**



Hospitals



Restaurants



Airports



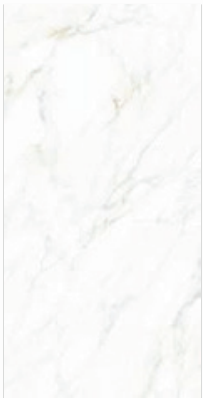
**Train
Stations**

INDEX

1600MM 1200MM



CALACATTA LIGHT



CARRARA GOLD



OYSTER BIANCO



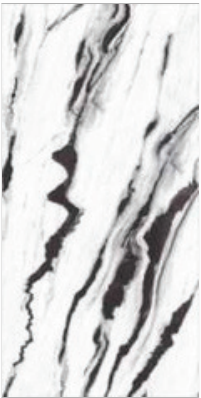
PEARL WHITE



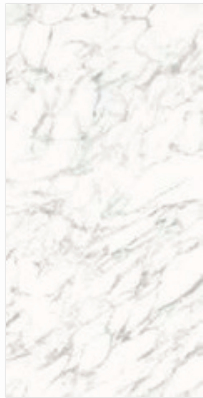
CALACATTA
BELLISSIMO



CALACATTA
ROYALE



PANDA WHITE
BOOKMATCH



ARABESCATO



VERONICA
ARABESQUE



BIANCO ONYX



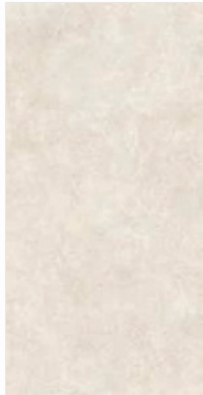
CREAM ONYX



JAVA CREMA



TRAVERTINO SAND



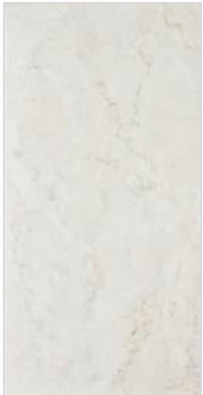
KONKRETE



TAJ MAHAL



MARRAZI GREY



REPOLANO



HIMALAYA CRYSTAL



CRYSTAL ONYX



ESTILLO ONYX



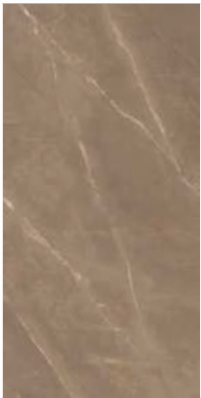
OROBICO



PIETRA NERO



IMPERIO ARMANI
GREY



IMPERIO ARMANI
MOCHA



METAALIO RUST



BOTANIC BLACK



BOTANIC BLUE



OCEANO ONYX



THUNDER NIGHT



ONICE SEA GREEN



AMAZONITE



BELGIUM BLACK



BLACK NOIR



LAURENT GOLD



BLACK GOLD



BLACK FUSION



MAGMA BLACK
BOOK MATCH



BLACK PANTHER

CALACATTA LIGHT



CARRARA GOLD

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		✓	-	-
Silk		-	-	-
BODY TYPE	White	✓	✓	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-

CALACATTA LIGHT

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		✓	-	-
Silk		-	-	-
BODY TYPE	White	✓	✓	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-

OYSTER BIANCO



PEARL WHITE

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	-
Matt		✓	-	✓
Silk		-	-	-
BODY TYPE	White	✓	✓	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-



OYSTER BIANCO

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	-
Matt		✓	-	✓
Silk		-	-	-
BODY TYPE	White	✓	✓	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-

CALACATTA BELLISSIMO



CALACATTA BELLISSIMO

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		✓	-	-
Silk		-	-	-
BODY TYPE	White	✓	✓	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-

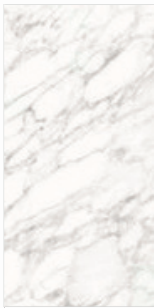
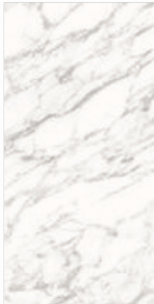


CALACATTA ROYALE

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	-	-
Matt		✓	✓	✓
Silk		-	-	-
BODY TYPE	White	✓	✓	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-

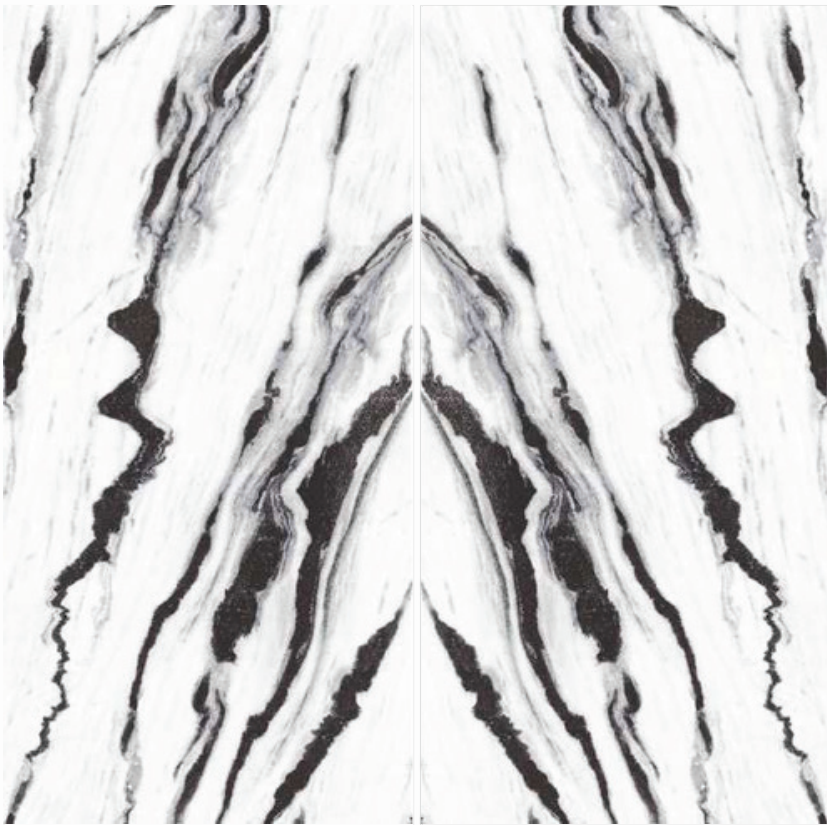


PANDA WHITE



ARABESCATO

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		✓	-	-
Silk		-	-	-
BODY TYPE	White	✓	✓	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-



PANDA WHITE
BOOKMATCH

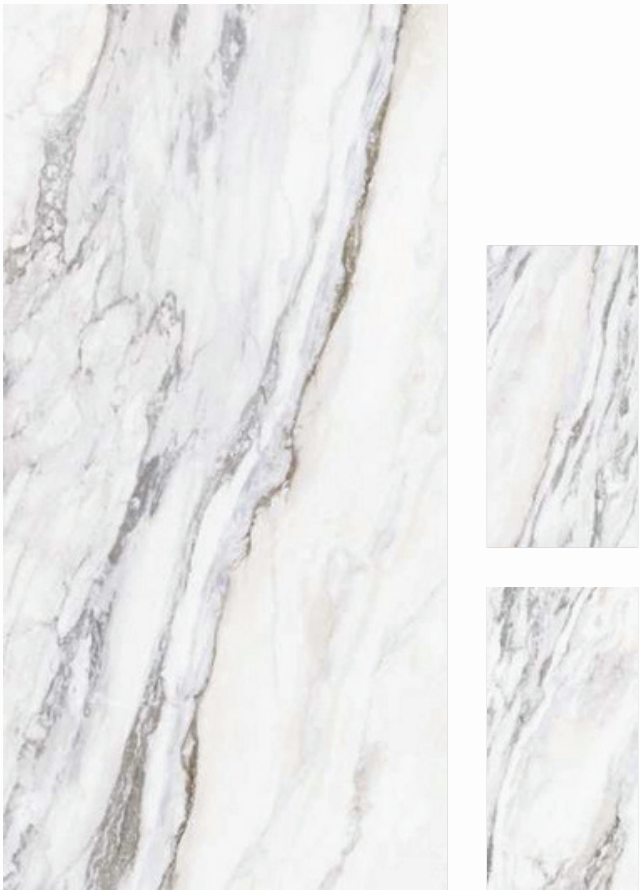
SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	-
Matt		-	-	✓
Silk		-	-	-
BODY TYPE	White	-	✓	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-

BIANCO ONYX



BIANCO ONYX

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	-	✓
Matt		✓	✓	-
Silk		-	-	-
BODY TYPE	White	✓	✓	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-



VERONICA ARABESQUE

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		-	-	-
Silk		-	-	-
BODY TYPE	White	-	✓	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-



CREAM ONYX



CREAM ONYX

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		✓	-	-
Silk		-	-	-
BODY TYPE	White	-	✓	✓
	Ivory	✓	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-

JAVA CREMA

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	-	-
Matt		-	✓	-
Silk		-	-	-
BODY TYPE	White	-	✓	-
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-



TRAVERTINO SAND

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	-
Matt		-	-	-
Silk		-	-	-
BODY TYPE	White	-	-	-
	Ivory	-	✓	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-



KONKRETE Full Body + Print

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	-	-
Matt		-	✓	-
Silk		-	-	-
BODY TYPE	White	-	✓	-
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-

KONKRETE



MARRAZI GREY

MARRAZI GREY

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	-	-
Matt		✓	-	✓
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	✓	-	-
	Black	-	-	-

TAJ MAHAL

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	-	-
Matt		✓	-	-
Silk		-	-	-
BODY TYPE	White	-	-	-
	Ivory	✓	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-



HIMALAYA CRYSTAL



REPOLANO

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	-	-
Matt		-	✓	-
Silk		-	-	-
BODY TYPE	White	-	✓	-
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-

HIMALAYA CRYSTAL

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	-
Matt		✓	-	✓
Silk		-	-	-
BODY TYPE	White	✓	✓	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-

ESTILLO ONYX



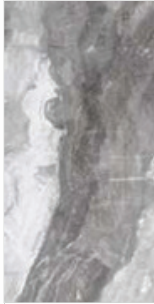
CRYSTAL ONYX

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		-	-	-
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	✓	-
	Black	-	-	-

ESTILLO ONYX

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		-	-	-
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	✓	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-

PIETRA NERO



OROBICO

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	-
Matt		-	-	✓
Honed		✓	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	✓	✓	-
	Black	-	-	-



PIETRA NERO

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	-	-
Matt		✓	✓	✓
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	✓	✓	-
	Black	-	-	-

IMPERIO ARMANI MOCHA

IMPERIO ARMANI MOCHA

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	-	-
Matt		✓	✓	✓
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	✓	✓	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-

IMPERIO ARMANI GREY

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	-
Matt		✓	-	✓
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	✓	✓	-
	Black	-	-	-



METAALIO RUST



METAALIO RUST

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	-	-
Matt		✓	✓	✓
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	✓	✓	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	-	-

BOTANIC BLACK



BOTANIC BLACK

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		-	-	-
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	✓	-



BOTANIC BLUE

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		-	-	-
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	✓	-
	Black	-	-	-

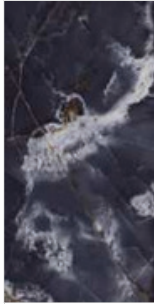
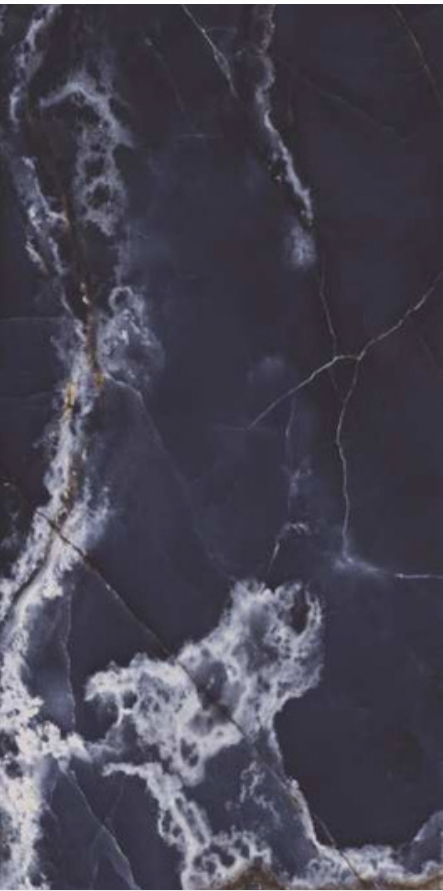


THUNDER NIGHT



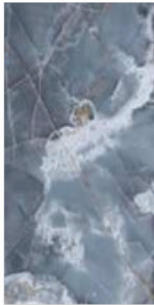
THUNDER NIGHT

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		-	-	-
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	-	✓	-



OCEANO ONYX

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		-	-	-
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	✓	-
	Black	-	-	-



VERONIC ARBESQUE



ONICE SEA GREEN

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	-	✓
Matt		-	✓	-
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	✓	-
	Brown	-	-	-
	Green	-	-	-
	Grey	-	-	-
	Black	-	-	-

AMAZONITE

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		-	-	-
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	✓	-
	Black	-	-	-

BLACK NOIR



BELGIUM BLACK

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		✓	-	-
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	✓	✓	-

BLACK NOIR

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		✓	-	-
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	✓	✓	-

BLACK GOLD



LAURENT GOLD

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	-
Matt		✓	-	✓
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	✓	✓	-

BLACK GOLD

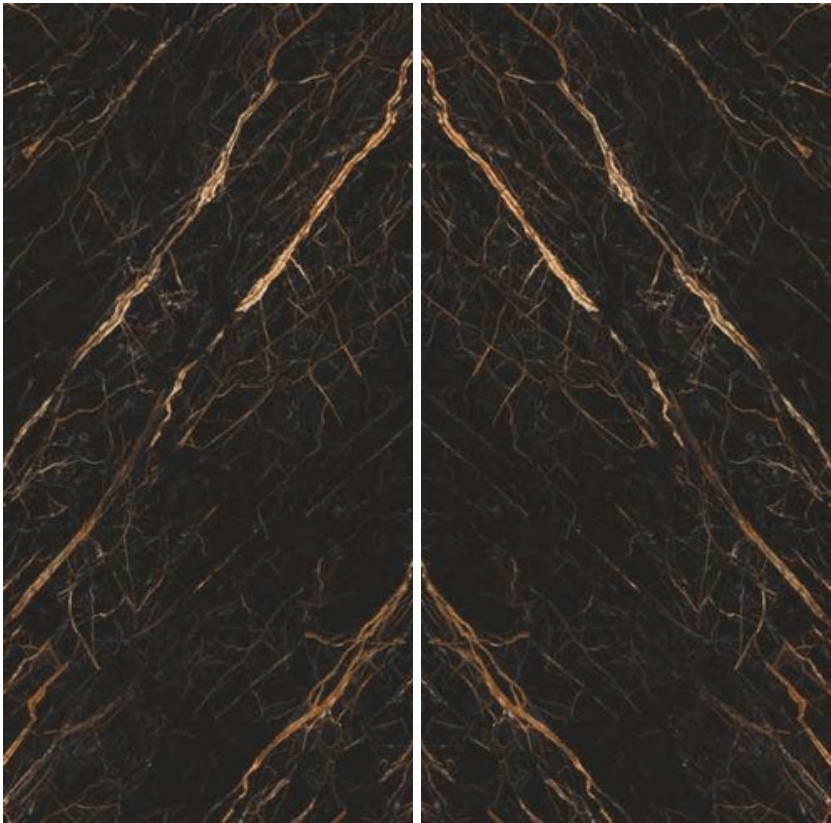
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THICKNESS		20mm	12mm	6mm
Gloss		-	-	✓
Matt		✓	✓	-
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	✓	✓	-

BLACK FUSION



BLACK FUSION

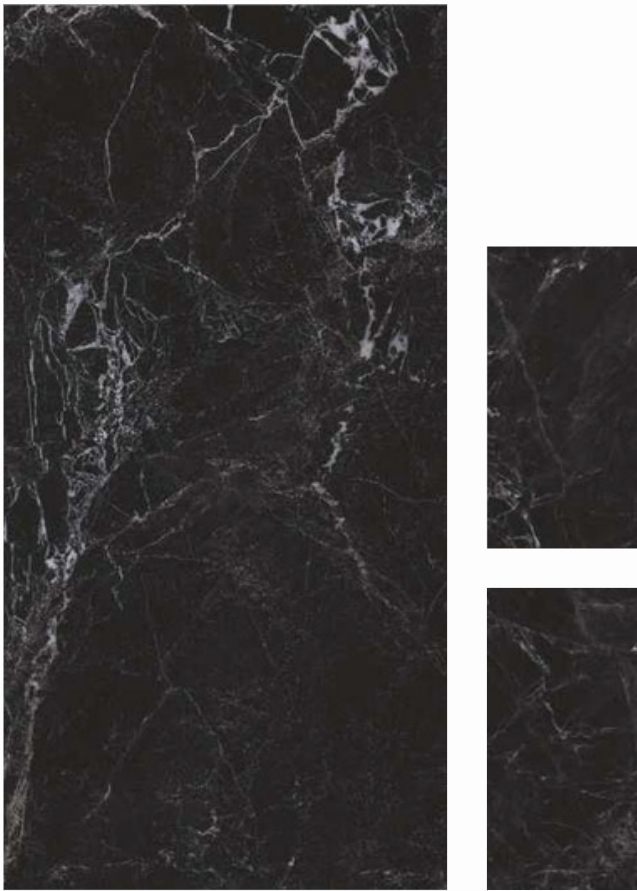
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THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		-	-	-
Honed		✓	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	✓	✓	-



MAGMA BLACK
BOOKMATCH

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		-	-	-
Honed		✓	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	✓	✓	-

BELGIUM BLACK



BLACK PANTHER

SIZE		3200x1600mm		2600x1200mm
THICKNESS		20mm	12mm	6mm
Gloss		-	✓	✓
Matt		✓	-	-
Silk		-	-	-
BODY TYPE	White	-	-	✓
	Ivory	-	-	-
	Brown	-	-	-
	Blue	-	-	-
	Grey	-	-	-
	Black	✓	✓	-



Sizes
3200x1600mm

Thickness
20mm 12mm

Sizes
2600x1200mm

Thickness
6mm

AVAILABLE IN ALL FINISH



SPECIAL ORDER PRODUCT

APPLICATIONS



BASIN &
FURNITURE



WORKTOP



STAIRCASE



DINING
TABLETOP



COUNTERTOP



WINDOW &
DOOR FRAME



LIFT FRAME



FIREPLACE

FLAWLESS FEATURES



SUPERIOR
STRENGTH



FLEXIBLE
BODY



NON-RESIN
PRODUCT



HYGIENIC
SURFACES



THERMAL SHOCK
RESISTANCE



SCRATCH
RESISTANT



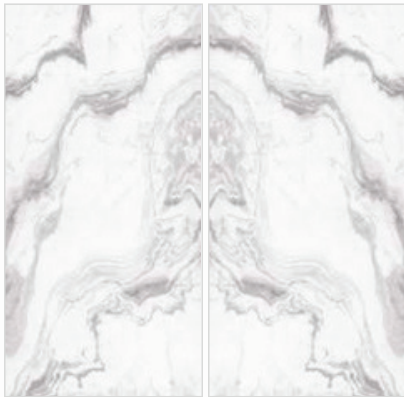
FIRE
RESISTANT



STAIN
RESISTANT

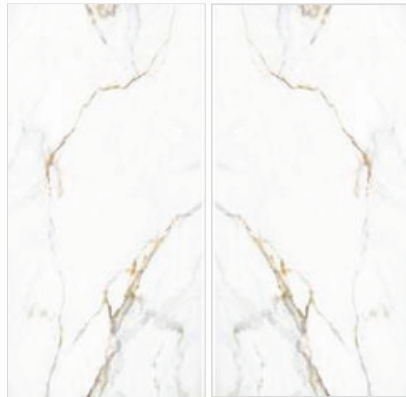
INDEX

1600MM 1200MM



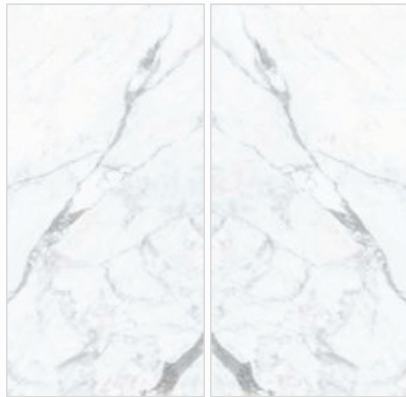
ACROPOLIS
GRANO
BOOK MATCH A

ACROPOLIS
GRANO
BOOK MATCH B



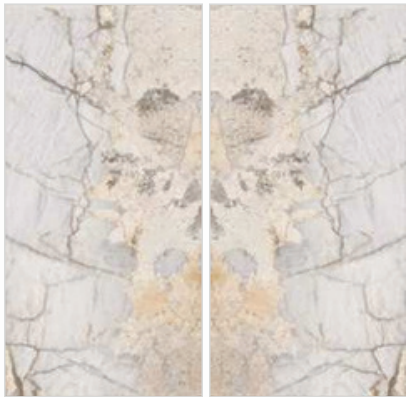
APOLLO WHITE
BOOK MATCH A

APOLLO WHITE
BOOK MATCH B



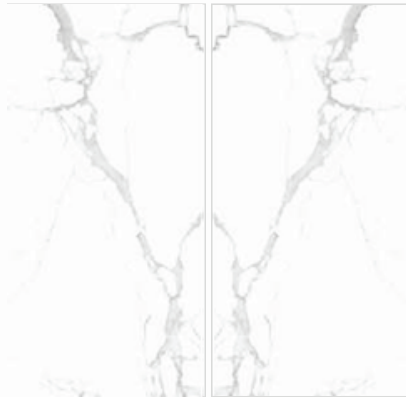
ATLANTIC BIANCO
BOOKMATCH A

ATLANTIC BIANCO
BOOKMATCH B



PATAGONIA
BIANCO
BOOK MATCH A

PATAGONIA
BIANCO
BOOK MATCH B



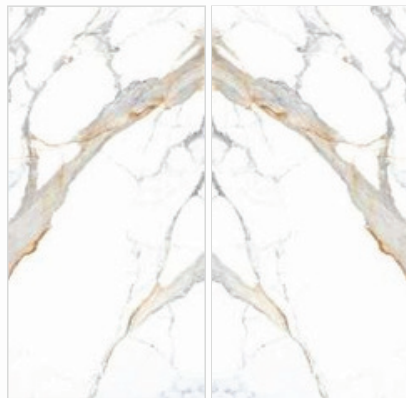
STATUARIO
NATURAL
BOOK MATCH A

STATUARIO
NATURAL
BOOK MATCH B



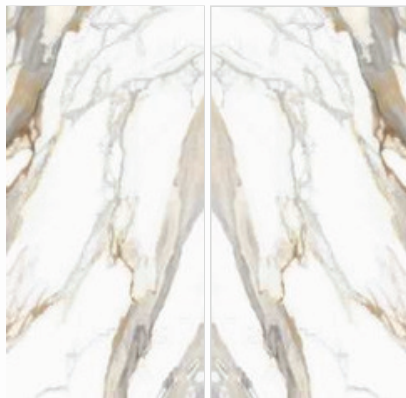
TAJMAHAL
BOOK MATCH A

TAJMAHAL
BOOK MATCH B



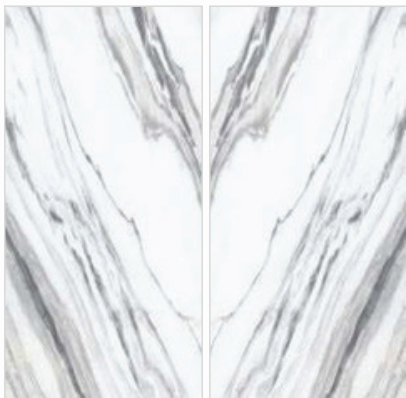
CALACATTA
BELISIMO
BOOK MATCH A

CALACATTA
BELISIMO
BOOK MATCH B



CALACUTTA
ROYALE
BOOK MATCH A

CALACUTTA
ROYALE
BOOK MATCH B



STATUARIO
SYMPHONY
BOOK MATCH A

STATUARIO
SYMPHONY
BOOK MATCH A



STATUARIO GOLD
BOOK MATCH A

STATUARIO GOLD
BOOK MATCH B



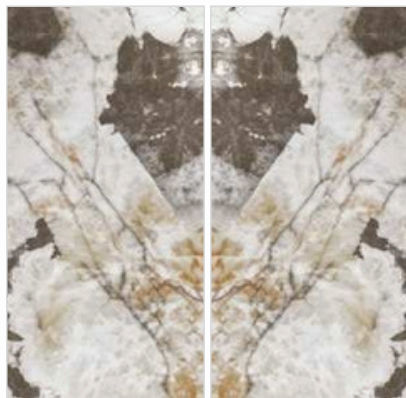
MICHEL
BOOKMATCH A

MICHEL
BOOKMATCH B



MICHEL ANGELO
BOOK MATCH A

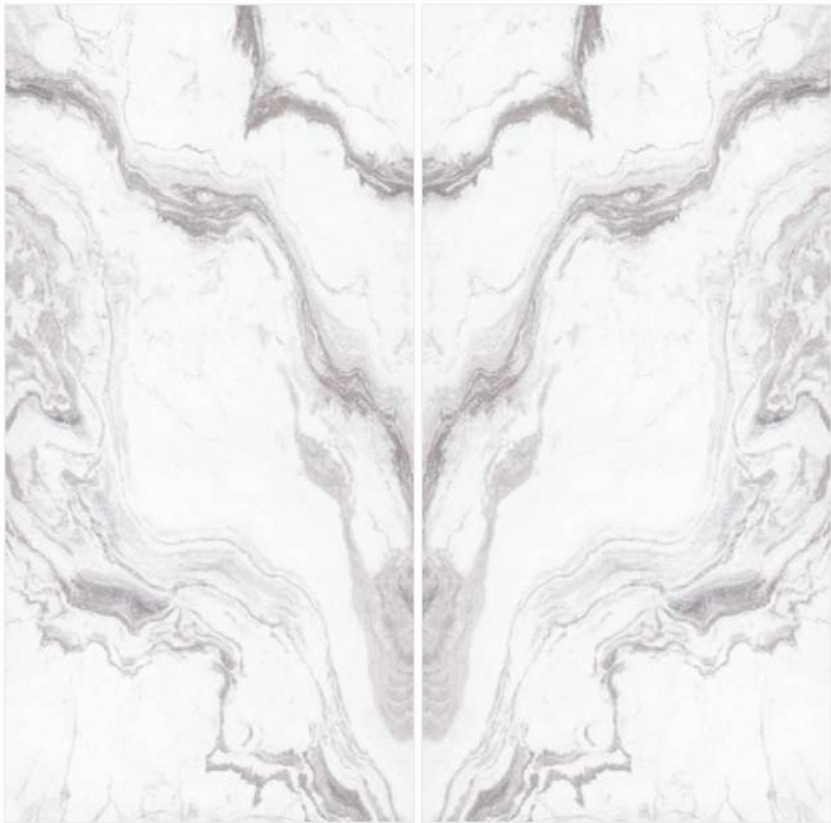
MICHEL ANGELO
BOOK MATCH B



PATAGON STONE
BOOK MATCH A

PATAGON STONE
BOOK MATCH B

3200X1600MM | 2600X1200MM



ACROPOLIS GRANO
BOOK MATCH



APOLLO WHITE
BOOK MATCH

ACROPOLIS GRANO BOOK MATCH



3200X1600MM | 2600X1200MM



TAJMAHAL
BOOK MATCH

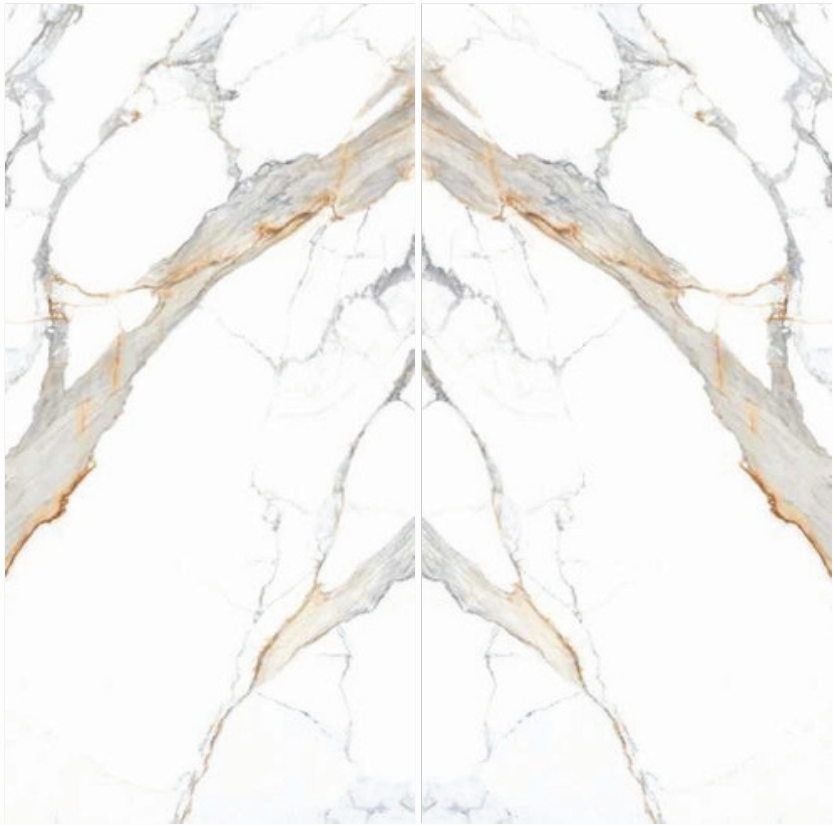


ATLANTIC BIANCO
BOOKMATCH

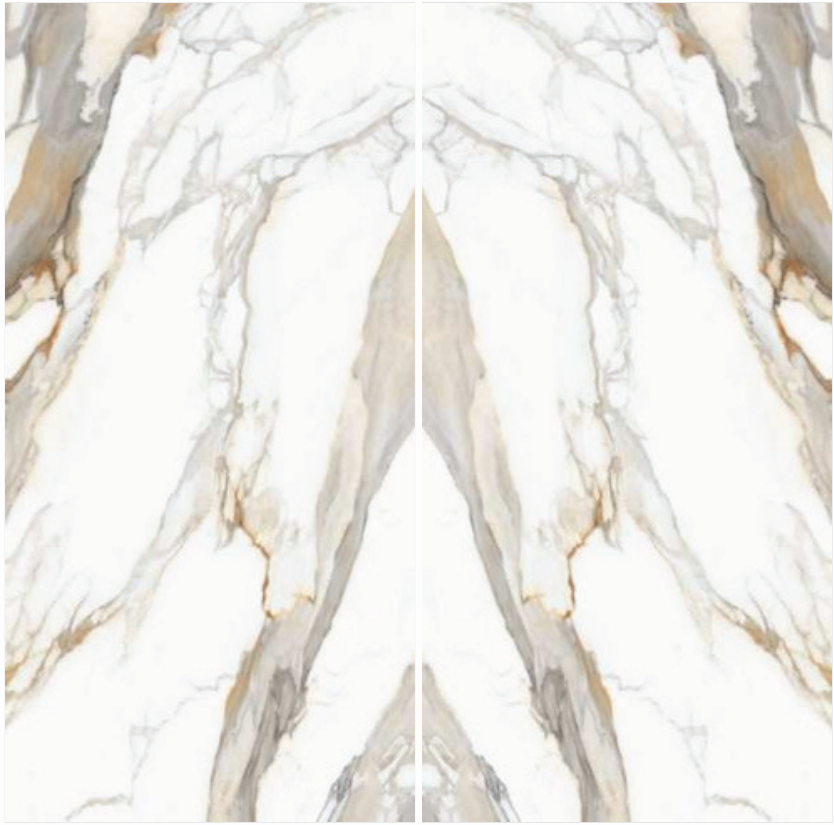
TAJMAHAL



3200X1600MM | 2600X1200MM



CALACATTA BELISIMO
BOOK MATCH



CALACUTTA ROYALE
BOOK MATCH

CALACUTTA ROYALE





MICHEL
BOOK MATCH

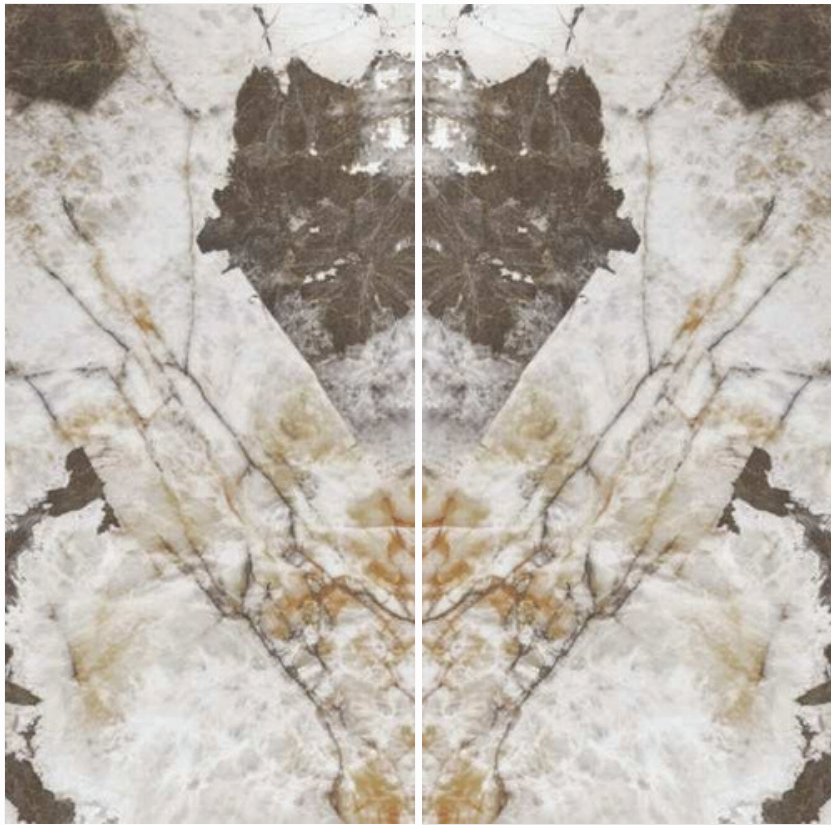


MICHEL ANGELO
BOOK MATCH

MICHEL BOOK MATCH



PATAGON STONE BOOK MATCH



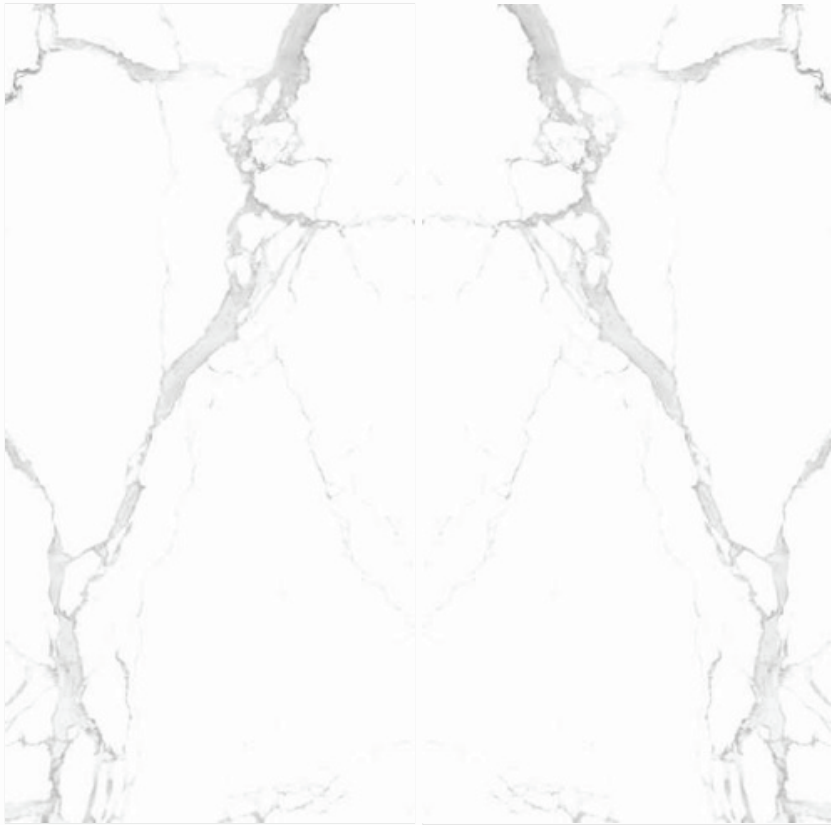
PATAGON STONE
BOOK MATCH



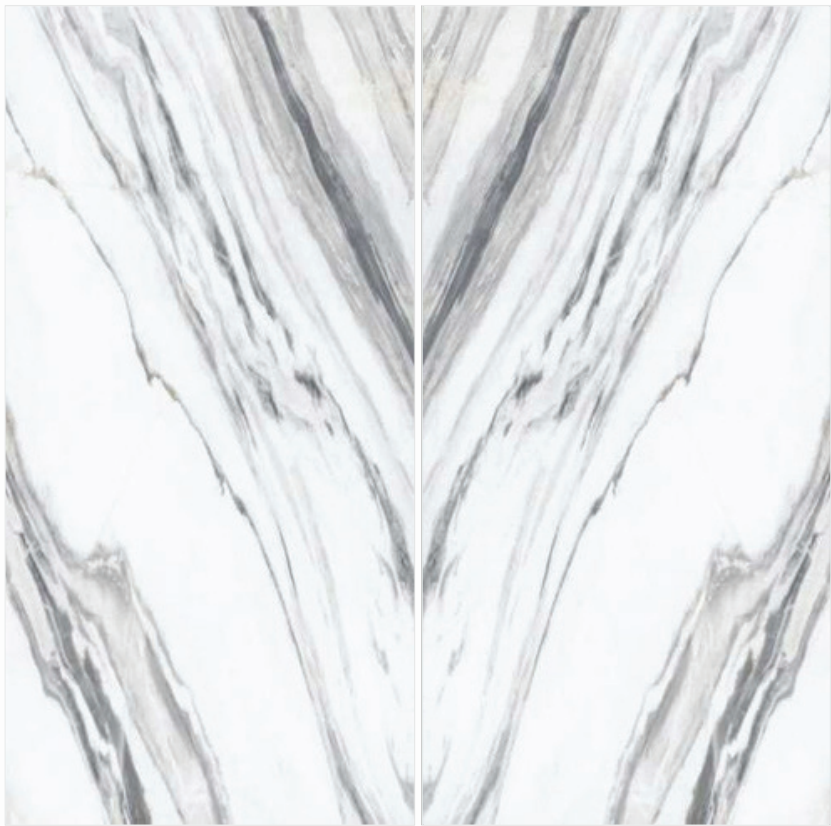
PATAGONIA BIANCO
BOOKMATCH



STATUARIO SYMPHONY BOOKMATCH



STATUARIO NATURAL
BOOK MATCH



STATUARIO SYMPHONY
BOOKMATCH



3200X1600MM | 2600X1200MM



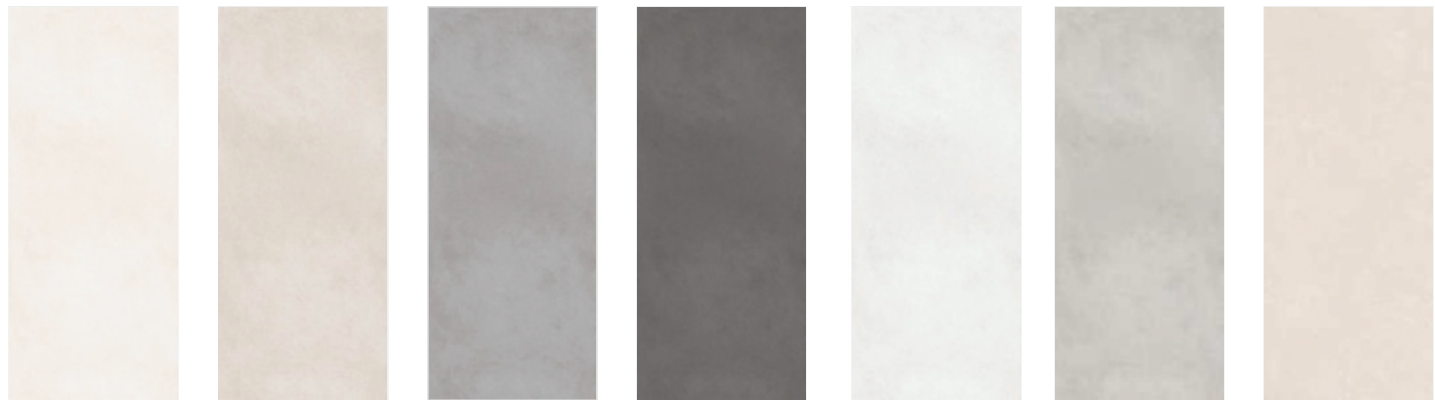
STATUARIO GOLD
BOOK MATCH

STATUARIO GOLD BOOK MATCH

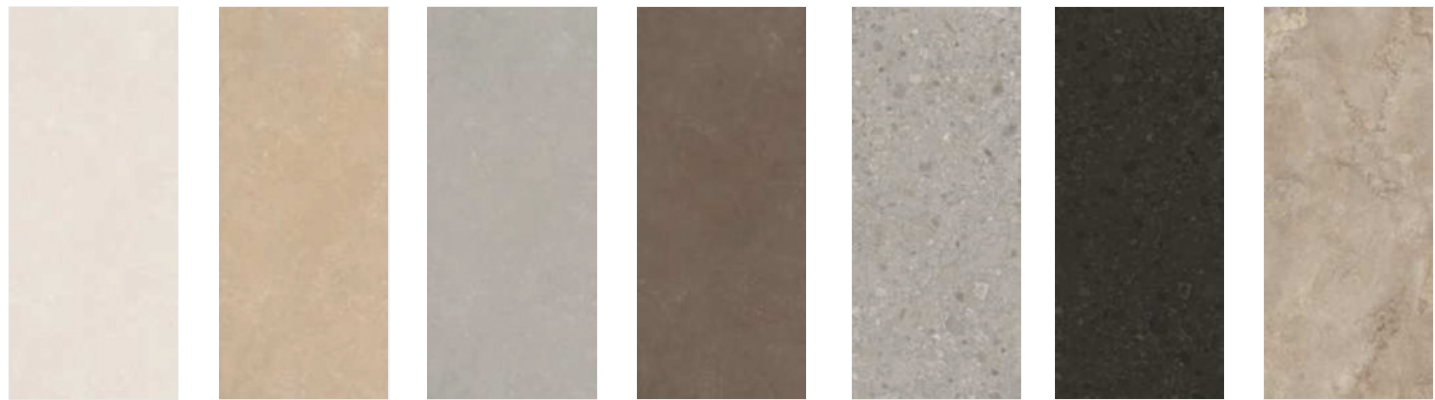


INDEX

3200X 2600X
1600MM 1200MM



BETON BIANCO BETON BONE BETON GREY BETON NERO BETON PEARL BETON SILVER CAVALINA CREMA



CAVALINA DESERT CAVALINA GINGER CAVALINA GREY CAVALINA MOKA CHEPPO DI GRIGIO CHEPPO DI NERO MARRAZI SAND



MARRAZI BIANCO METALLO GRAPHITE METALLO ASH METALLO NERO METALLO SEABLU HONEY ONYX SAND ONYX



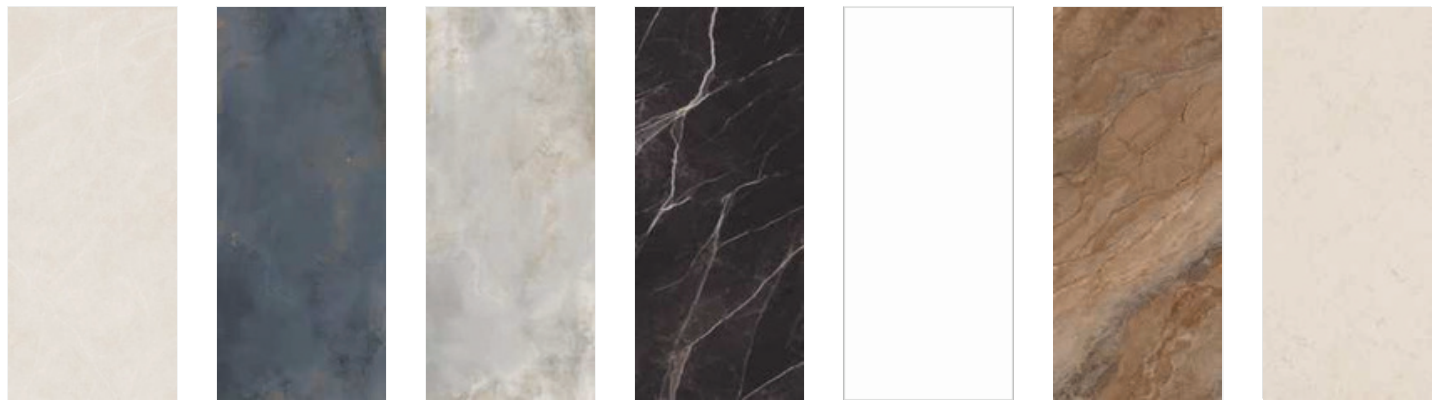
LINUX ONYX CLOUDY ONYX ARVALI ONYX AZUR ONICE BLUE APOLLO WHITE STATUARIO BIANCO



STATUARIO NATURAL STATUARIO MAGIA PATAGONIA BIANCO PATAGONIA CLASSIC PATAGONIA CRYSTALO TRAVERTINO AOVARIO TRAVERTINO SAND

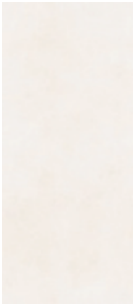


TRAVERTINO SILVER SANTORINI BLANCA SANDSTONE BUTTER SANDSTONE MILKY SANDSTONE SOUR SANDSTONE STORM PIAMONTE ASH

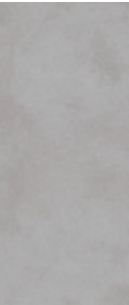
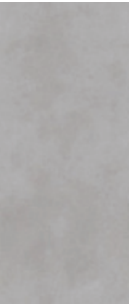


PIAMONTE SAND OXIDE BLUEBERRY OXIDE GRIGIO ATLAS NEO SPARKLE BIANCO ILLUSION BRONZE LIMESTONE BEIGE

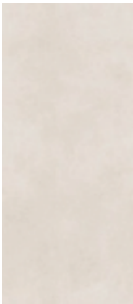
BETON BONE



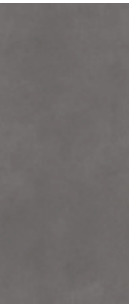
BETON BIANCO



BETON GREY



BETON BONE



BETON NERO

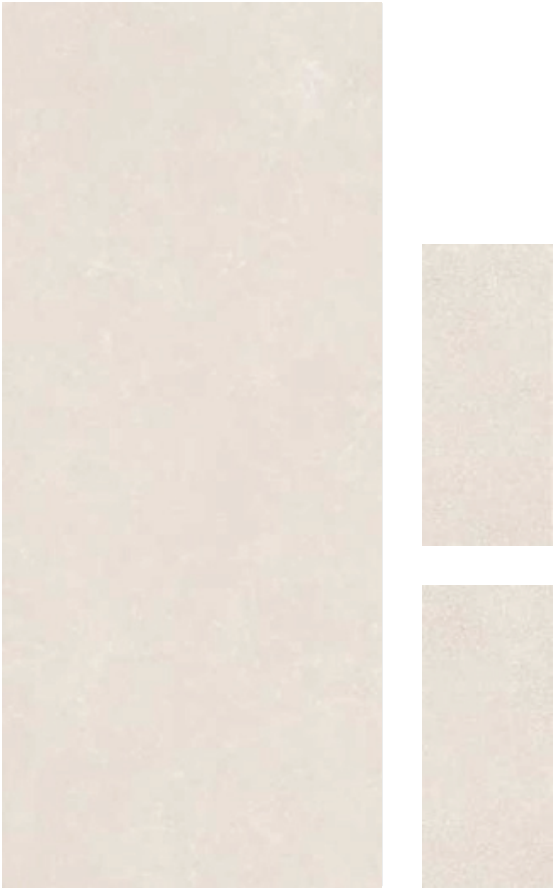
BETON SILVER



BETON PEARL



BETON SILVER



CAVALINA DESERT



CAVALINA CREMA



CAVALINA GINGER



CAVALINA MOKA

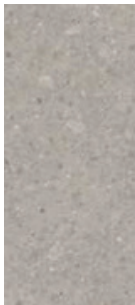
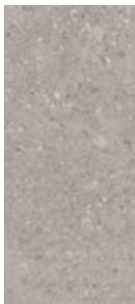


CAVALINA GREY

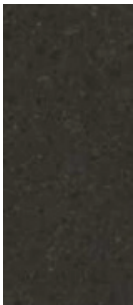
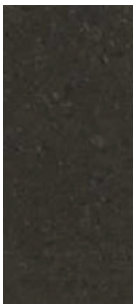
CAVALINA GINGER



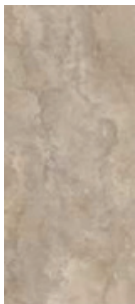
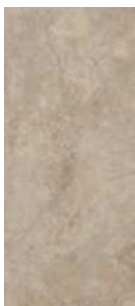
CHEPPO DI GRIGIO



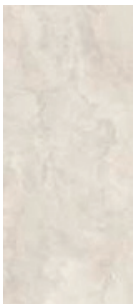
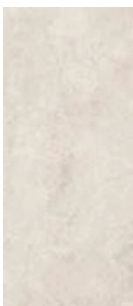
CHEPPO DI GRIGIO



CHEPPO DI NERO



MARRAZI SAND



MARRAZI BIANCO



METALLIO ASH



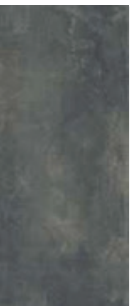
METALLIO GRAPHITE



METALLIO ASH



METALLIO NERO



METALLIO SEABLUE

HONEY ONYX



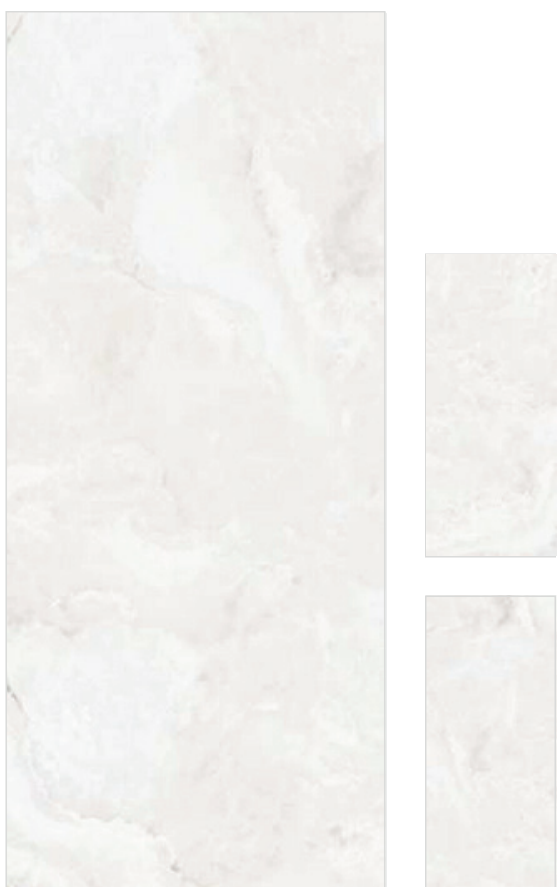
HONEY ONYX



SAND ONYX

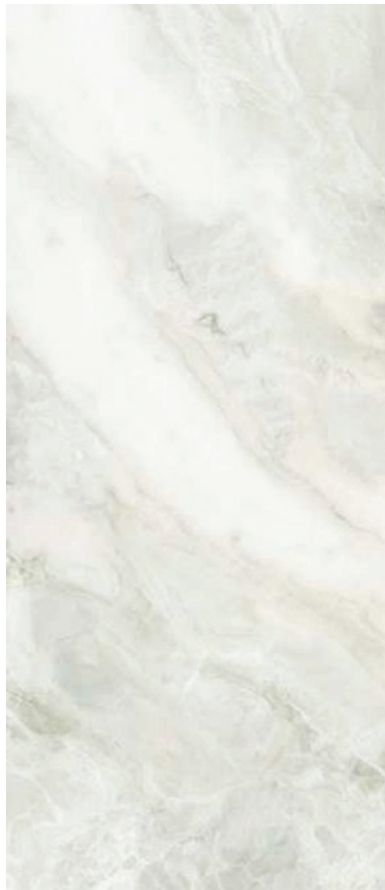


LINUX ONYX



CLOUDY ONYX

ARVALI ONYX

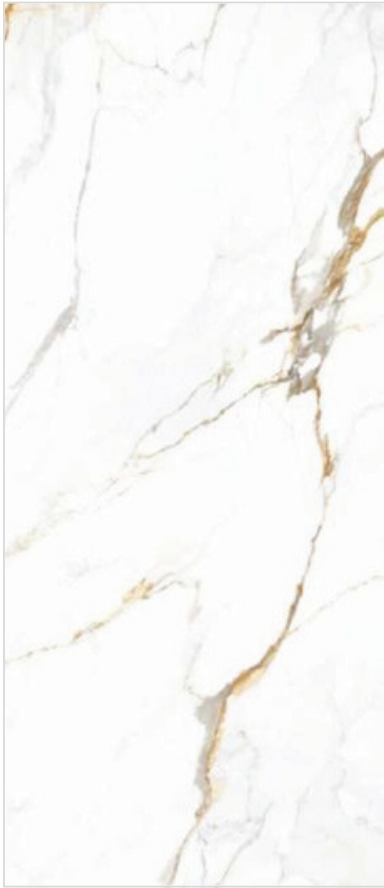


AZUR



ONICE BLUE

STATUARIO NATURAL



APOLLO WHITE



STATUARIO BIANCO

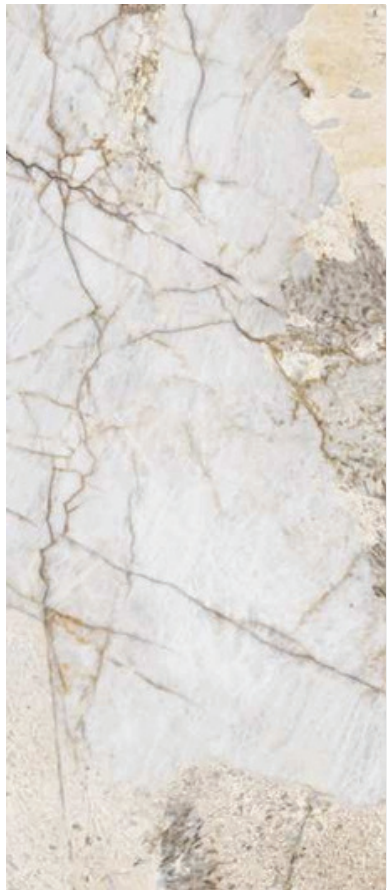


STATUARIO NATURAL



STATUARIO MAGIA

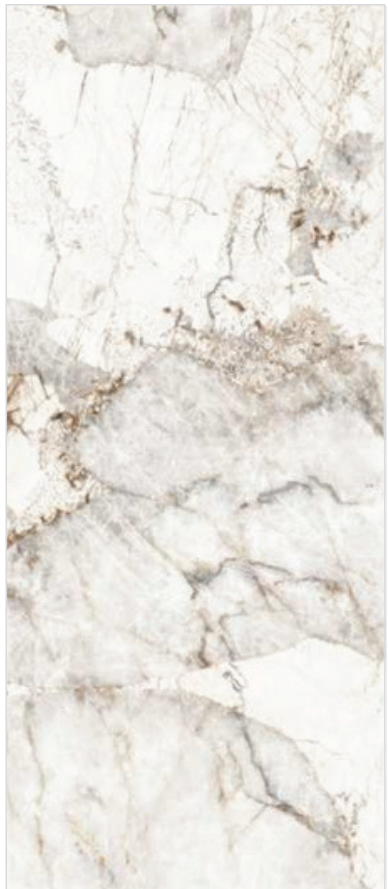
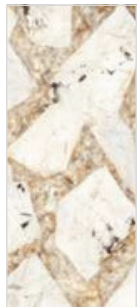
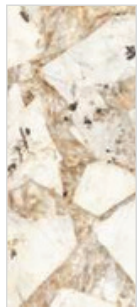
PATAGONIA CRYSTALO



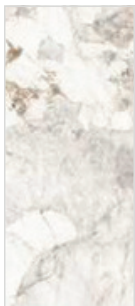
PATAGONIA BIANCO



PATAGONIA CLASSIC



PATAGONIA CRYSTALO



TRAVERTINO SAND



TRAVERTINO AOVARIO



TRAVERTINO SAND

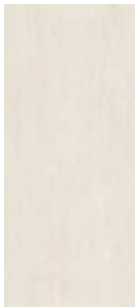
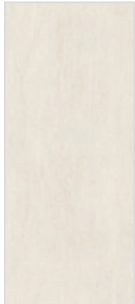


TRAVERTINO SILVER

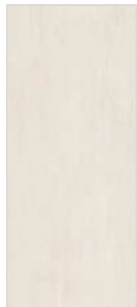
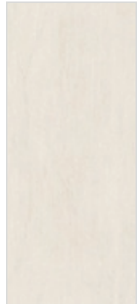


SANTORINI BLANCA

SANDSTONE STORM



SANDSTONE BUTTER



SANDSTONE MILKY



SANDSTONE SOUR



SANDSTONE STORM

PIAMONTE SAND



PIAMONTE ASH



PIAMONTE SAND



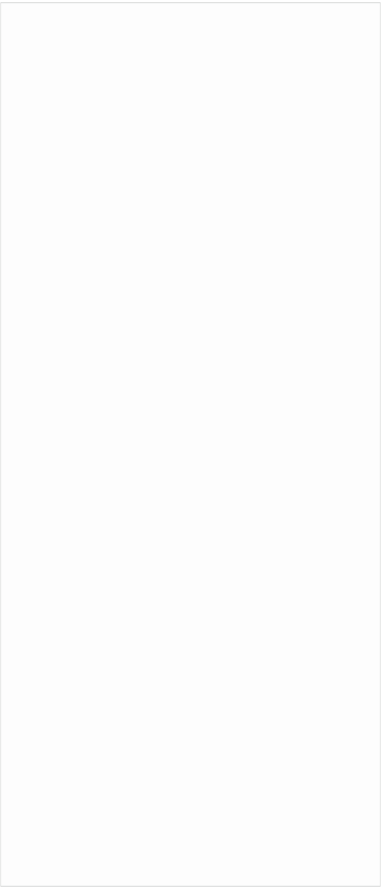
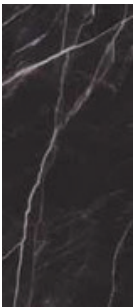
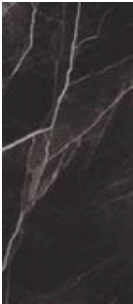
OXIDE BLUEBERRY



OXIDE GRIGIO



ATLAS NEO



SPARKLE BIANCO

BLACK GOLD



ILLUSION BRONZE



LIMESTONE BEIGE



ILLUSION BRONZE

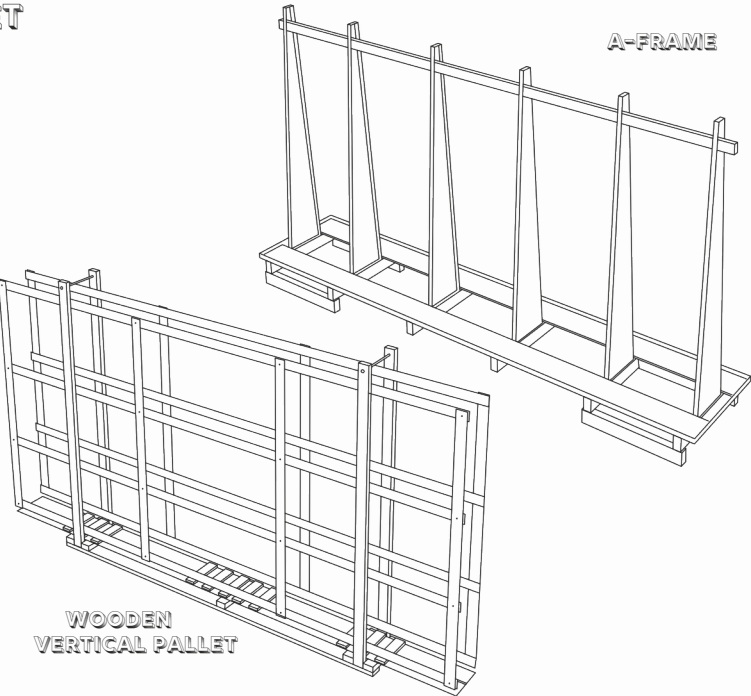


PACKAGING

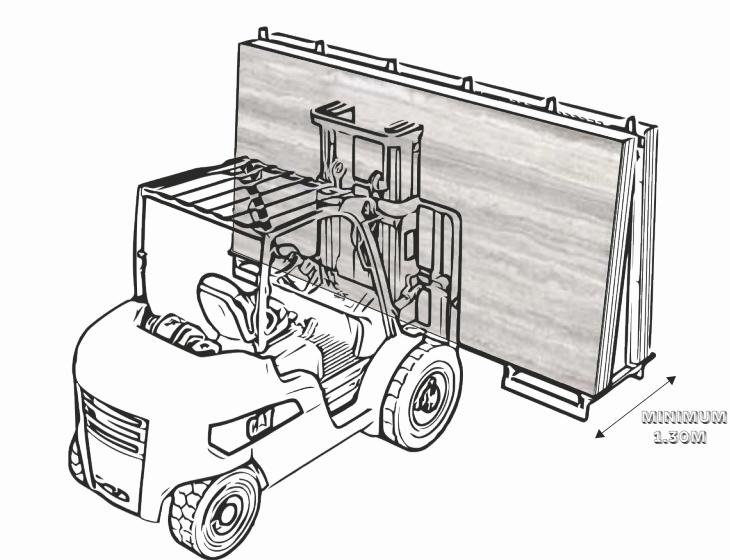
A-FRAMES & WOODEN VERTICAL PALLET

TO PROTECT THE INTEGRITY OF THE BIG-SLABS DURING TRANSPORT, OPTIMISED 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.

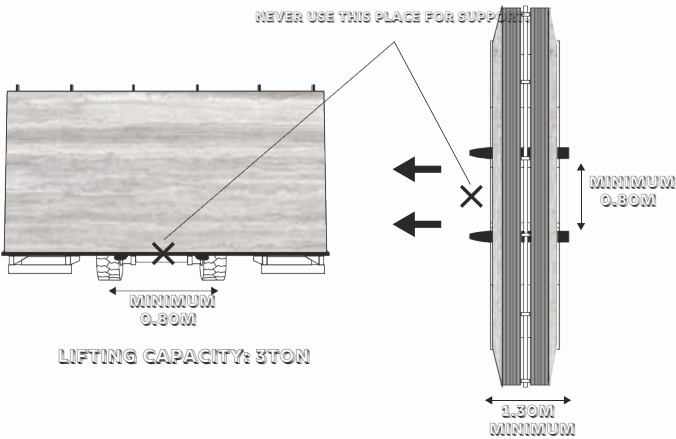


HANDLING THE SLABS ON THE CONSTRUCTION SITE



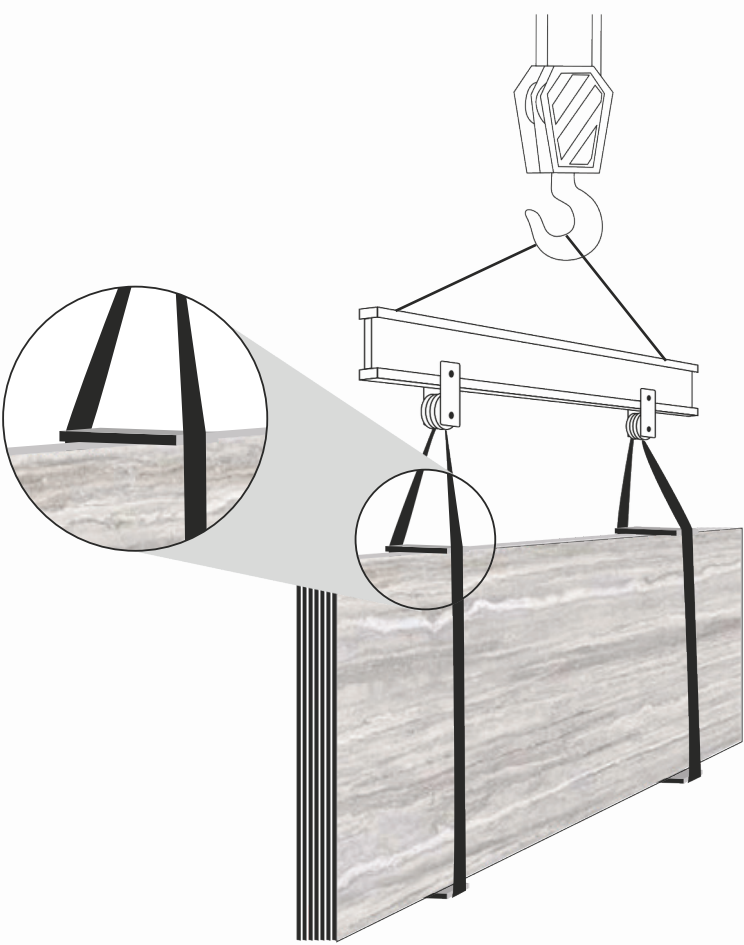
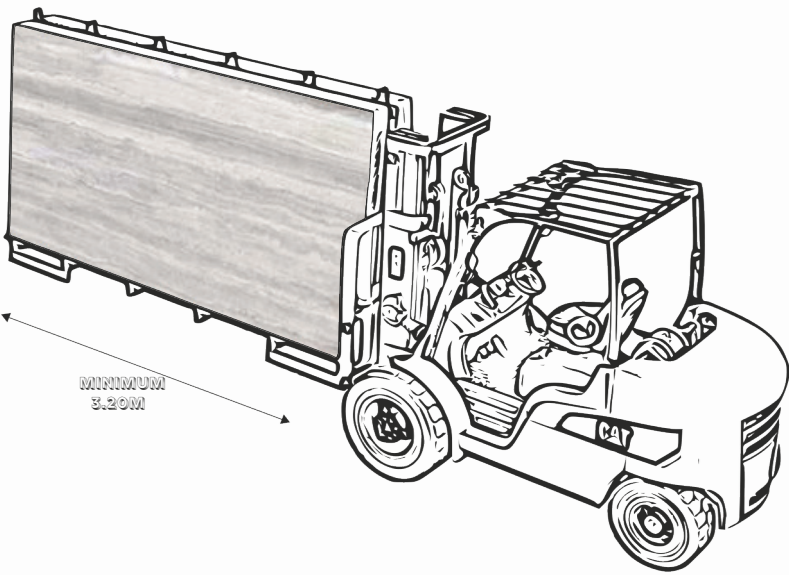
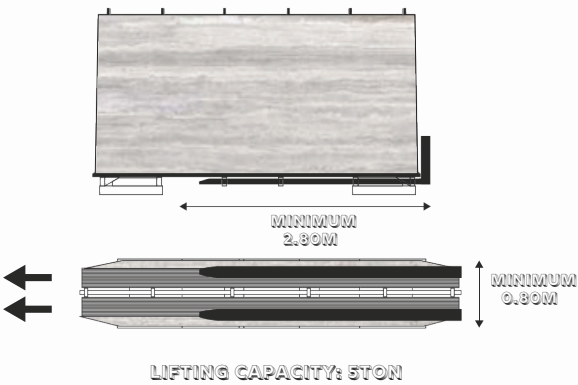
A-FRAME HANDLING FROM LONG SIDE (A)
(RECOMMENDED CHOICE)

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 GRATE'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 GRATE'S SURFACE.



HANDLING WITH CRANE

ALWAYS PAY ATTENTION TO THE MOVEMENT AND HANDLING OF THE SLABS TO PREVENT SPLINTERING OR BREAKAGE. IT IS RECOMMENDED USING THE FOLLOWING TYPE OF CLAMP FOR LIFTING AND MOVING INDIVIDUAL SLABS:

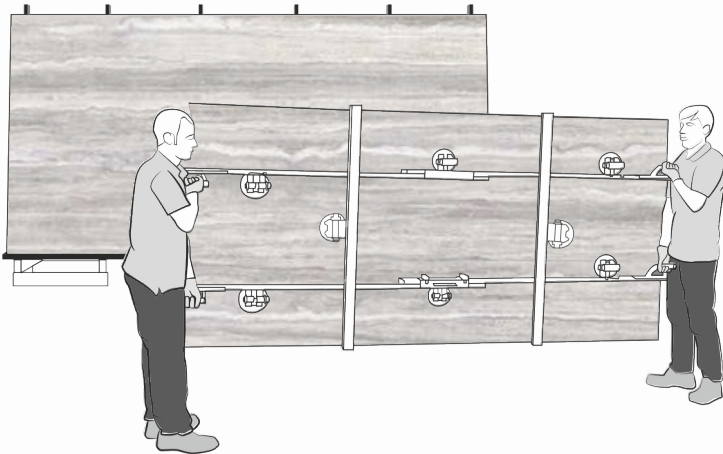
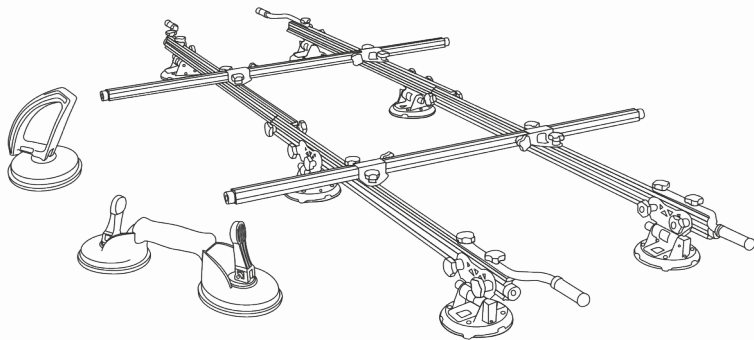
ENSURE THAT FOR DELIVERIES AN OVERSIZED STONE SLAB OR BOARD IS SUPPLIED ON THE STEEL A-FRAME AS BACKING SUPPORT. STRAP IN MAXIMUM TO ENSURE NO HORIZONTAL MOVEMENT OCCURS DURING TRANSPORT.

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 3MM, 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 GRATES THROUGH TO FITTING THEM ON THE WALL OR FLOOR, WE RECOMMEND YOU USE EQUIPMENT DESIGNED SPECIFICALLY FOR HANDLING LARGE SLABS.



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.

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.

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

SPECIAL CUTS & FINISHES

TOPS

BAYSHIELD 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

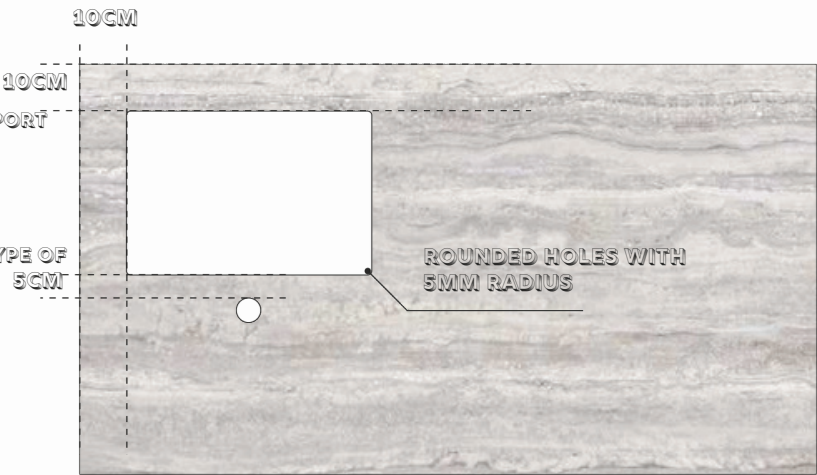
THE SLABS CAN BE CUT, SHAPED, AND TRANSFORMED WITH CUTOUTS FOR SINKS OR HOLES FOR TAPS, USING THE PROFESSIONAL MACHINES IN USE AT MACHINING CENTRES, SUCH AS DISC CUTTERS, CNC MACHINES AND WATER JET CUTTERS.

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.

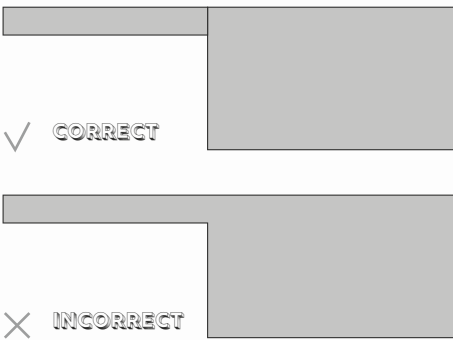
WE RECOMMEND RADIUSES OF MORE THAN 1/4" WHEN THE KITCHEN DESIGN ALLOWS AS IT MAKES THE COUNTERTOP FIRMER.



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

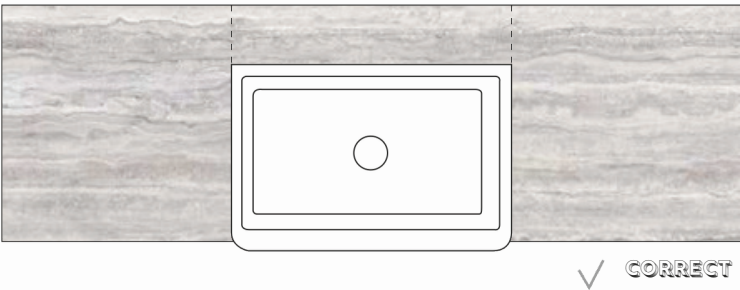


- TWO STRAIGHT CUTS MUST NEVER BE JOINED
- NO SQUARED INNER CORNERS
- ALL INNER CORNERS MUST HAVE ONE RADIUS

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.

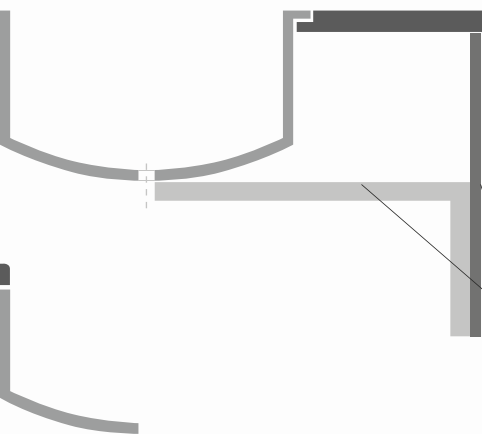


SINKS

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.

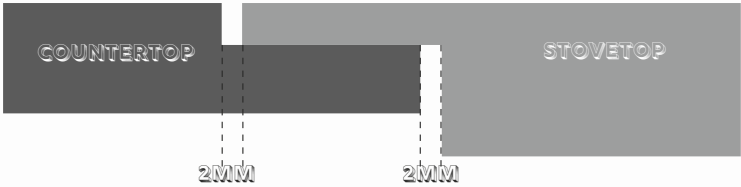


FOR LARGE-SIZE SINKS, PLACE A ROD SUPPORT STRUCTURE UNDER THE SINK SO THE WEIGHT IS ON THE RODS AND NOT THE COUNTERTOP.

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.

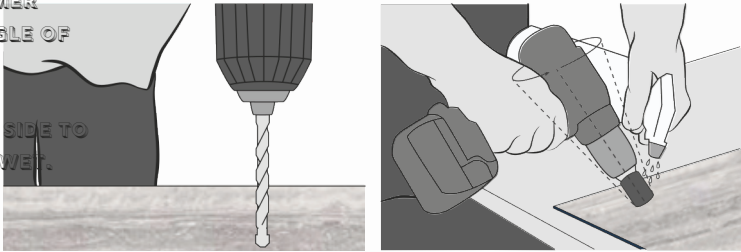
USE THE RIGHT HEAT-RESISTANT SILICONE OR THE JOINTS SUPPLIED BY THE STOVETOP MANUFACTURER.

REMOVING MORE THAN 6 MM ON A 12 MM SLAB OR 10 MM ON A 20 MM SLAB IS NOT RECOMMENDED.

CIRCULAR HOLES

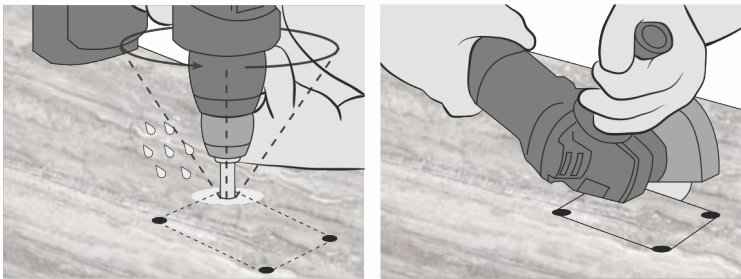
USINGADIAMONDBUR,START CUTTING THE HOLE WITH THE HAMMER DRILL FUNCTION SWITCHED OFF, CUTTING THE SLAB AT AN ANGLE OF APPROXIMATELY 75°.

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

FIRSTOF ALL, USING A PENCIL, MARKOUT 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.



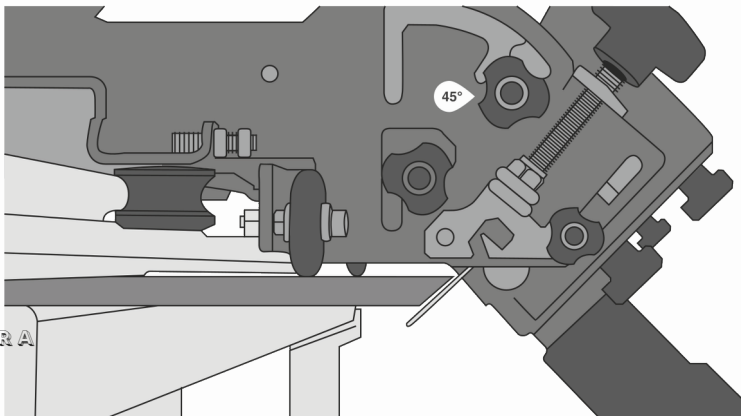
45° ANGLES

THEEDGE USED IN THISAPPLICATION 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.

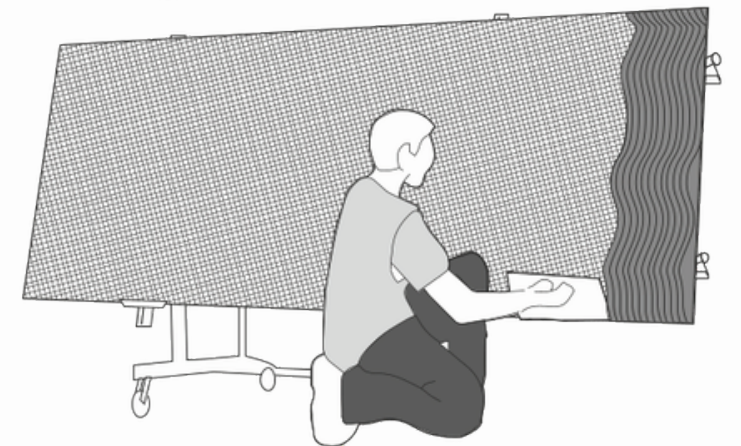
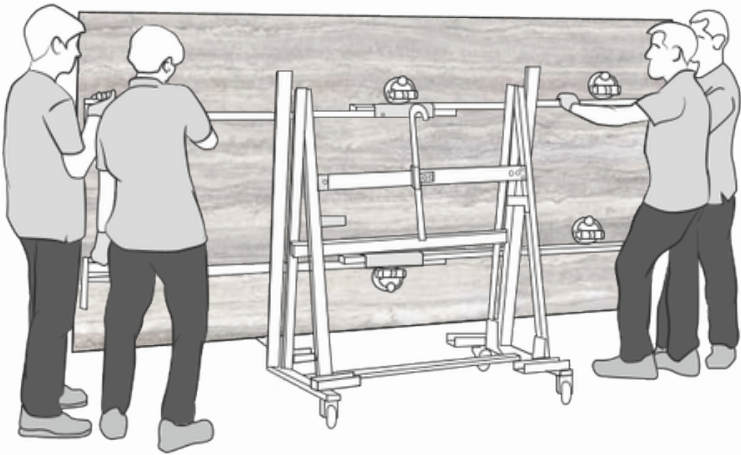
START CUTTING THE SLAB WITH A 45° ANGLE USING THE CUTTING BAR ACCESSORY. PROCEED BY SLOWLY CUTTING AT A 45° ANGLE, AT A CONSTANT SPEED, ALONG THE ENTIRE EDGE OF THE SLAB.

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 POSSIBLE PRESENCE OF SHADES ALREADY PRESENT AT THE BUILDING SITE. WE DO NOT ACCEPT COMPLAINTS ABOUT MATERIALS THAT HAVE BEEN PROCESSED AND INSTALLED.



LARGE FORMAT BAYSHIELD 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 3X6MM 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 BAYSHIELD 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 BAYSHIELD SLABS ARE EVEN USING A SUITABLE BOX LEVEL. LEVELLING SYSTEMS ARE AVAILABLE WITH 2MM 3MM AND 5MM TILE SPACERS.

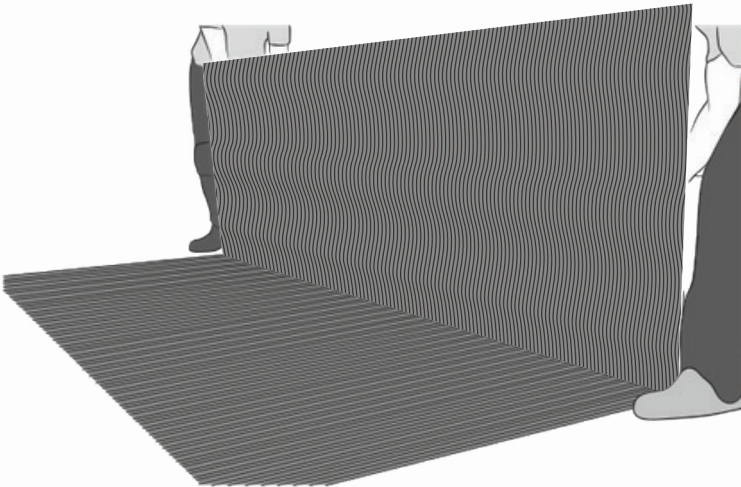
PERIODICALLY CHECK THE TILES BACKS TO MAKE SURE THERE IS FULL CONTACT BETWEEN THE ADHESIVE AND TILE. IF NOT, APPLY ADDITIONAL ADHESIVE TO THE TILE OR USE A TROLL WITH LARGER NOTCHES IN YOUR ADHESIVE. AS YOU ARE WORKING WIPE OFF EXCESS MORTAR WITH A WET SPONGE.

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 BAYSHIELD 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 BAYSHIELD 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 BAYSHIELD SLABS WITH ADHESIVE IS ENSURED.



EDGE PROFILE

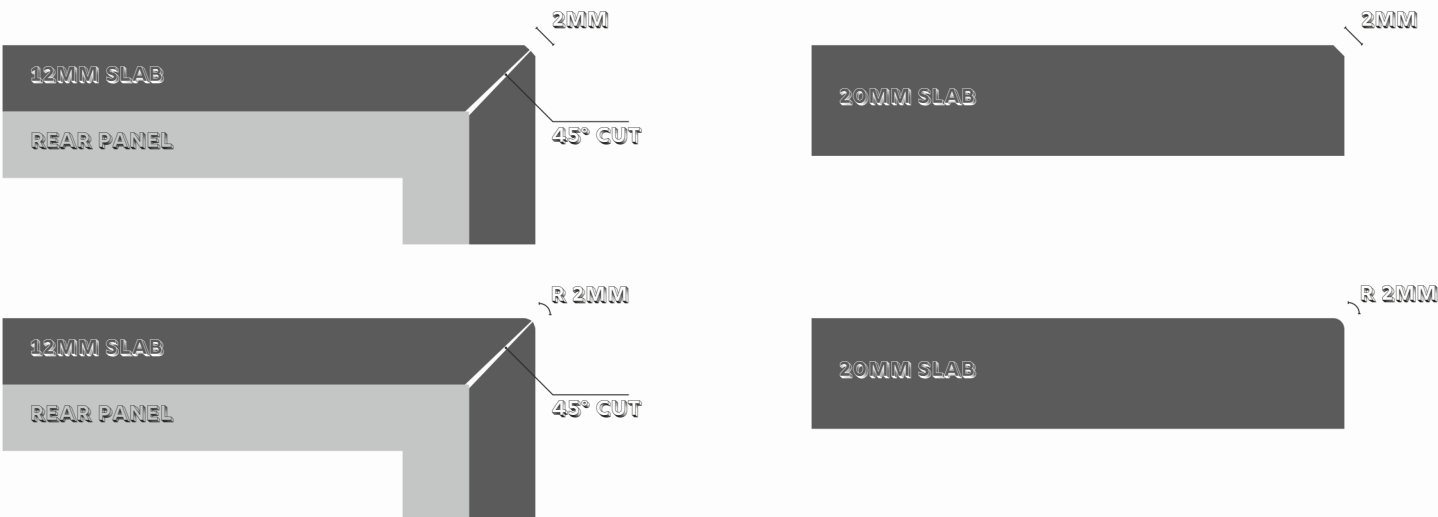
THESE SURFACES BOAST A 12MM THICKNESS THAT MAKES THEM EXTRA DURABLE AND STURDY AND THE FULL BODY OFFERS THE POSSIBILITY OF VARIOUS EDGE PROFILES PROVIDING COMPLETE CREATIVE FREEDOM.



TOPS EDGES

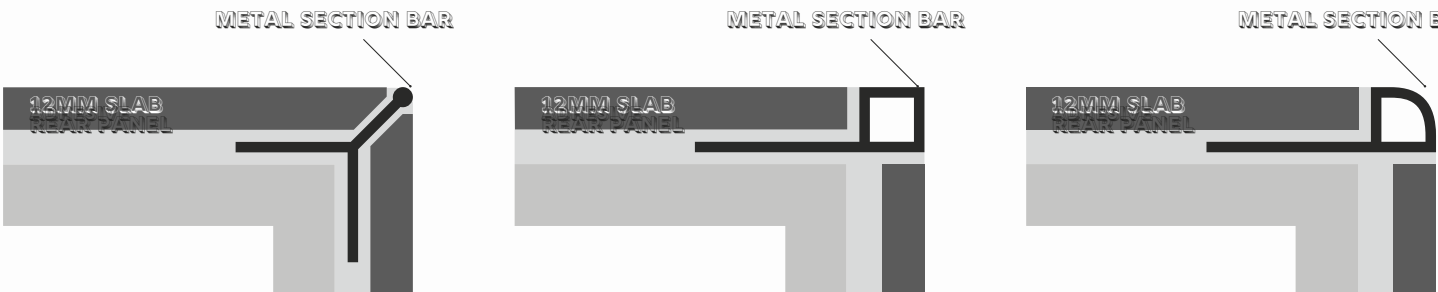
WHATEVER KIND OF EDGE YOU INTEND TO USE WILL HAVE TO BE COMPLETED WITH A CHAMFER OR BEVEL AROUND THE PERIMETER AND ITS FINISH CAN BE PRODUCED USING EITHER AUTOMATIC MACHINES OR MANUALLY, USING SUITABLE DISCS.

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-POROUS 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.

Technical Specification

CHARACTERISTIC	STANDARD ASPER ISO13006:2018/ EN14411 Gr.B1a	STANDARD AS PER IS 15622:2017 Gr.B1a	MEAN VALUE OF BAYSHIELD	METHOD OF TESTING
Regulatory Properties				
Deviation in LengthandWidth	±0.30 % (±1.00 mm)	±0.10 %	±0.10 %	ISO 10545-2/IS 13630-1
Deviation in Thickness	±5.0 % (±0.50 mm)	±5.0 %	±5.0 %	ISO 10545-2/IS 13630-1
Straightness in Side	±0.30 % (±0.80 mm)	±0.10 %	±0.10 %	ISO 10545-2/IS 13630-1
Rectangularity	±0.30 % (±1.50 mm)	±0.10%	±0.10 %	ISO 10545-2/IS 13630-1
Surface Flatness Central Curvature	±0.40 % (±1.80 mm)	±0.50 %	±0.20 %	ISO 10545-2/IS 13630-1
Surface Flatness Edge Curvature	±0.40 % (±1.80 mm)	±0.50 %	±0.20 %	ISO 10545-2/IS 13630-1
Surface Flatness Warpage	±0.40 % (±1.80 mm)	±0.50 %	±0.10 %	ISO 10545-2/IS 13630-1
Surface Quality	>95%defects free	>95%defects free	>95%defects free	ISO 10545-2/IS 13630-1
Small Color Difference (For Plain Colour)	ΔE <1.00	N.A.	ΔE <0.80	ISO 10545-16
Glossiness (Polished)	As per Manufacturer	As per Manufacturer	≥90	Gloss Meter 60°
Glossiness (Satin)	As per Manufacturer	As per Manufacture	7 ≤Gloss Value ≤25	Gloss Meter 60°
Structural Properties				
Water Absorption	≤0.50 %	≤0.080 %	≤0.080 %	ISO 10545-3/IS 13630-2
Bulk Density	As per Manufacturer	Min 2.20 gc/c	>2.28 gmc/c	ISO 10545-3/IS 13630-2
Massive Mechanical Properties				
Modulus ofRupture	Min. 35.0 N/mm	Min. 35.0 N/mm	Min. 40.0 N/mm	SO 10545-4/IS 13630-6
Breaking Strength Thickness ≥7.5 mm	Min 1300.0 N	Min 1300.0 N	Min 6000.0 N	ISO 10545-4/IS 13630-6
Surface Mechanical Properties				
Mohs Hardness #	As per Manufacturer	Min. 5	Polished Min 4**/ Satin &Posh Min 6	BS EN 15771/IS 13630-
Surface Abrasion Resistance #	As per Manufacturer	Min. Class II	Polished Min II**/ Satin &Posh Min III	13 ISO 10545-7/IS 13630-11
Thermal Hygrometric Properties				
Thermal ExpansionC(OE)at 100°C	Max 0.06%(.6 mm/m)	Max 0.02 mm/m	Max 0.02 mm/m	ISO 10545-10/IS 13630-3
Thermal Shock Resistance	As per Manufacturer	Max. 6.0 x 10-6	Max. 6.0 x 10-6	ISO 10545-8/IS 13630-4
Impact ResistanceC(OR)#	Min 10 Cycles	Min 10 Cycles	Min 10 Cycles	ISO 10545-9/IS 13630-5
Frost Resistance	Min. 0.55	Min 0.55	Min 0.55	ISO 10545-5/IS 13630-14
Crazing Resistance at 7.5 bar	As per Manufacturer	As per Manufacturer	Frost Proof	ISO 10545-12/IS 13630-10
	4 Cycles	4 Cycles	4 Cycles	ISO 10545-11/IS 13630-9
Chemical Properties				
Resistance to Staining Glazed				
Resistance to Household Chemicals & Swimming Pool Salts Glazed	Min. Class 3	Min Class 1	Min. Class 3/Min. Class 1	ISO 10545-14/IS 13630-8
Resistance to Low Concentrate Acid and Alkalis Glazed	Min Class GB	Min Class AA	Min Class GB/Min Class AA	ISO 10545-13/IS 13630-8
Resistance to High Concentrate Acid and Alkalis Glazed	As per Manufacturer	As per Manufacturer	Min Class GLB ***/ Min Class A***	ISO-10545-13/IS 13630-8
	As per Manufacturer	As per Manufacturer	Min Class GHB***/ Min Class A***	ISO-10545-13/IS 13630-8
Safety Properties				
Slip Resistance - (DCOF-WET PENDULUM)##	As per Manufacturer	As per Manufacturer	Glossy ≥P0,Satin,Posh ≥P1	BS 7976-2
Slip Resistance -Satin/Posh (DCOF- R Value)##	As per Manufacturer	As per Manufacturer	R9 to R10	DIN 51130
Lead and Cadmiumrelease	As per Manufacturer	N.A.	Does not yield Pb &Cd	ISO-10545-15

Packing Detail

SIZE	THICKNESS	PCS/BOX	AREA/BOX	BOX/WT.
1600x3200mm	20mm	1 pc	5.12	238 kg
1600x3200mm	12mm	1 pc	mt	145 kg
1200x2600mm	6MM	1 pc	5.12	43 kg

WORLD-CLASS
QUALITY READY
TO EXPLORE
MARKETS

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

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

Export country

 Albania	 Djibouti	 Kenya	 Niger	 South Korea
 Angola	 Dominican Republic	 Kosovo	 Nigeria	 Spain
 Argentina	 EL Salvador	 Kuwait	 Oman	 Sri Lanka
 Australia	 Ethiopia	 Lebanon	 Palestine	 Suriname
 Bahrain	 Fiji	 Liberia	 Panama	 Switzerland
 Bangladesh	 France	 Madagascar	 Papua New Guinea	 Syria
 Barbados	 Germany	 Malawi	 Paraguay	 Taiwan
 Benin	 Ghana	 Maldives	 Peru	 Tanzania
 Bhutan	 Greece	 Malta	 Poland	 Thailand
 Botswana	 Guatemala	 Mauritania	 Puerto Rico	 Trinidad & Tobago
 Brazil	 Guyana	 Mauritius	 Qatar	 Tunisia
 Burkina Faso	 Honduras	 Mayotte	 Romania	 Turkey
 Canada	 Indonesia	 Mexico	 Russia	 U.A.E.
 Chile	 Iran	 Morocco	 Saudi Arabia	 Uganda
 China	 Iraq	 Mozambique	 Senegal	 UK
 Colombia	 Israel	 Myanmar	 Serbia	 Ukraine
 Congo	 Italy	 Nepal	 Seychelles	 USA
 Costa Rica	 Ivory Coast	 Netherlands	 Sierra Leone	 Vietnam
 Croatia	 Jamaica	 New Zealand	 Somalia	 Yemen
 Cuba	 Jordan	 Nicaragua	 South Africa	 Zambia

