



MASTER
CATALOGUE

LIOLI CERAMICA PVT. LTD.

MANUFACTURING
PLANT

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Lioli Ceramica Pvt Ltd

Lioli Ceramica Pvt. Ltd.

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LIOLI

BY

caesarstone®

ARCHITECTURE IS THE THOUGHTFUL
MAKING OF SPACE



Every architectural endeavor begins with a vision - A vision that seeks to transcend the mundane and embrace the sublime. Architects, as the custodians of this vision, embark on a journey of exploration and discovery,

navigating the intricate interplay of light, texture, scale, and proportion. architecture is a testament to the human spirit—an expression of our boundless imagination and relentless quest for meaning.



WHO WE ARE

The Story of Unsurpassed Beauty and Innovation :

In the world of architectural design, where every detail tells a story, one name resonates with the promise of innovation, quality, and the ethereal beauty of nature: Lioli Ceramica. Our journey is not just about creating porcelain products; it is about sculpting masterpieces that transform ordinary spaces into realms of luxurious splendor.



Nature's Inspiration Meets Innovative Craftsmanship :

At Lioli Ceramica, we fuse a deep reverence for nature with a commitment to innovation. Each porcelain slab is a tribute to the earth's beauty, capturing its subtle patterns and intricate elegance. Drawing inspiration from nature's canvas, we meticulously craft designs that are not just functional but are also striking expressions of art. Our relentless pursuit of excellence drives us to embrace the latest technologies and pioneer new techniques, setting benchmarks in the industry. With a dedication to using only the finest raw materials, we ensure that every Lioli Ceramica product embodies innovation and quality. Our unique textures and designs enable our clients to create spaces that stand apart from the ordinary, setting new standards of sophistication and style.

A Global Tapestry of Elegance :

Lioli Ceramica elevates Indian craftsmanship to global prominence, infusing diverse cultural influences into our designs. From New York's skyscrapers to Mediterranean resorts, our porcelain slabs epitomize style and luxury, turning every project into a landmark of sophistication.

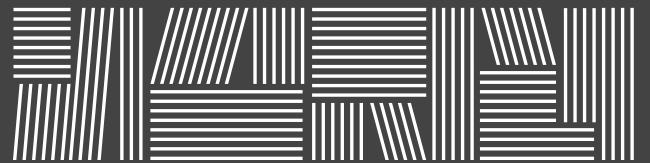


The Lioli Promise: Sustainability and Excellence :

At Lioli Ceramica, we redefine spaces with awe-inspiring beauty while prioritizing sustainability. Our manufacturing processes reflect the essence of nature, preserving the environment. This balance ensures our products are superior in design and respect for the planet.

Choose excellence. Choose innovation. Choose Lioli Ceramica.

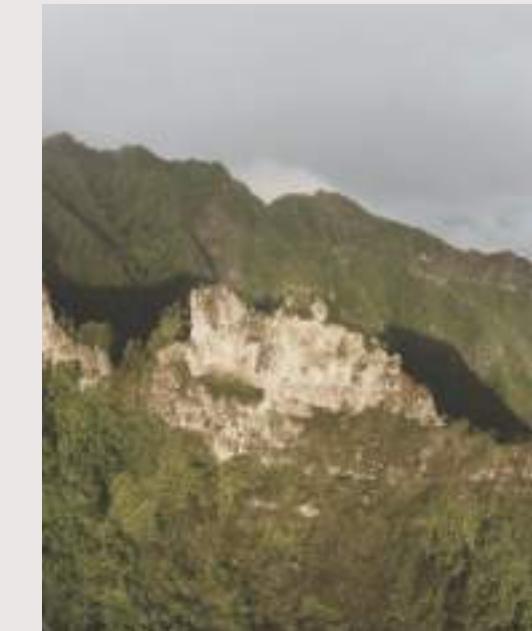
Embrace the unmatched beauty and durability of Lioli Ceramica and transform your vision into reality.

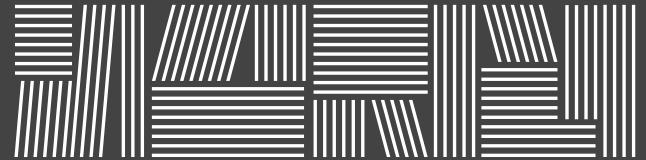


INSPIRATION

Just as nature adapts and evolves, so do our designs. We strive to create tiles that are not only beautiful but also sustainable, reflecting our commitment to preserving the planet for future generations. Our slabs are more than just a material. They are a reflection of our connection to the earth - a reminder of the beauty that surrounds us.

In the depths of the earth, where time has sculpted stone into masterpieces of elegance, lies the marble quarry - a realm of awe and inspiration. From this majestic landscape, artisans and designers draw upon the essence of nature to create tiles that capture every aspect of beauty and sophistication.





PRODUCTION



We always desire to explore bigger and bigger. Under the flagship of TechnoSLAB

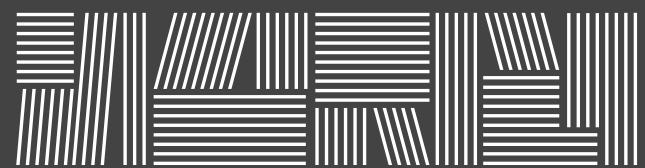
With a production capacity of 13000 sq. meters per day, we are a globally recognized slab manufacturing company based in Morbi, India. We have set a benchmark in the slab industry with our unparalleled porcelain slabs, suitable for both traditional and modern applications in architecture, furnishing, and design. Lioli is the answer to all your architectural requirements.

With our dynamic capability to render amazing slab solutions with world-class technology and unmatched proficiency, Lioli is a pioneer porcelain slab manufacturer of 1600*3200mm size slabs in India. Inspired by the spectacles of nature, we offer better alternatives to marble slabs by combining design and excellent craftsmanship.



Our commitment to use latest technology and achieving excellence in every product sets us apart from others.

Our expertise and passion for creating unique designs distinguish us from the competition.



SUSTAINABILITY



It's a core value woven into the fabric of everything we do. We recognize the critical importance of preserving our planet for future generations, and we are committed to minimizing our environmental footprint at every stage of our operations. To innovate, to inspire, and to create a better world for generations to come. At Lioli Ceramica, we are proud to lead the way towards a more sustainable future. As stewards of the earth, we recognize our responsibility to tread lightly and leave a lasting legacy of sustainability.





SIZES AND FINISHES

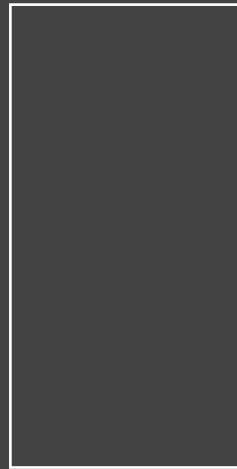
1600 X 3200 mm



1600 X 1600 mm

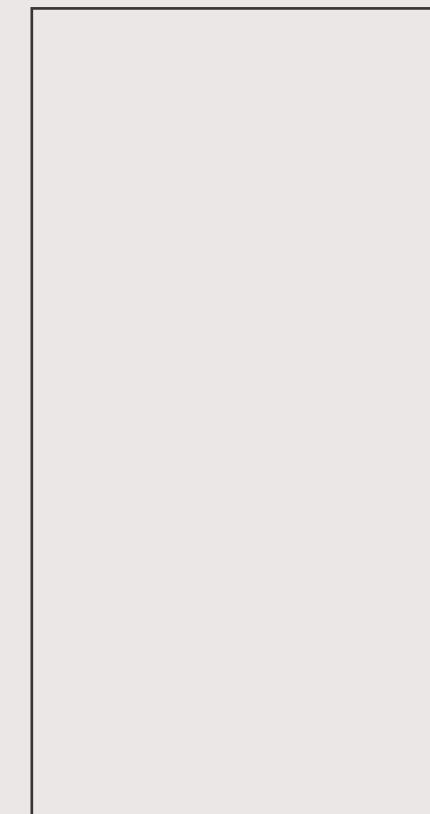


800 X 1600 mm

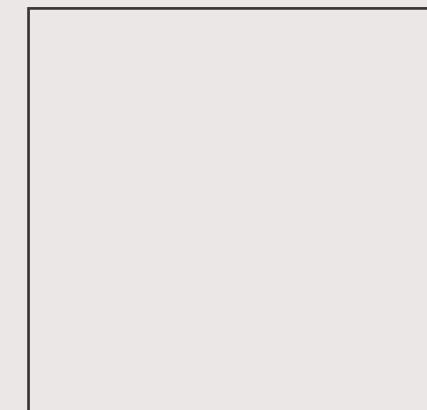


Lioli is a top player in the porcelain slab manufacturing industry, dedicated to creating and fulfilling the needs of modern architectural design and crafting amazing spaces for its customers. When you choose us, you choose an experience that enriches your living like never before.

1200 X 2400 mm



1200 X 1200 mm



with a range of collections that are tailored to meet individual requirements. All the slabs are made of high-quality material and are available in different colours and textures.

We believe that every space deserves to be adorned with the finest materials. With our exquisite range of finishes, you can unleash your creativity and bring your design vision to life. Experience the beauty and versatility of Lioli Ceramica finishes and elevate your space to new heights of style and sophistication.

**Crystalline | Lustrous | Rustic matt | Structure matt | Orgatech |
Sparkling Polished Surface**



HYGIENIC SURFACE



SCRATCH &
ABRASION
RESISTANCE



CHEMICAL
RESISTANCE



HEAVY
DUTY



UV & HEAT
RESISTANCE



STAIN
RESISTANCE

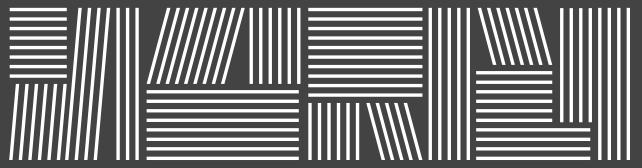


FROST
RESISTANCE



DIMENSIONAL
STABILITY

WHAT'S NEW



SPS COLLECTION

(FIRST TIME IN SINTERED STONE)

W I T N E S S S O M E T H I N G N E W

In the vast expanse of the cosmos, where stars twinkle and galaxies swirl in mesmerizing patterns, lies an endless source of inspiration. Lioli Ceramica, draws upon this cosmic inspiration to introduce SPS, a collection that transcends

earthly boundaries to bring the magic of outer space into interior design. It's a journey that invites us to explore the beauty of the universe within the comfort of our own homes and spaces.

1200 X 2400 mm | Sparkling Polished Surfaces

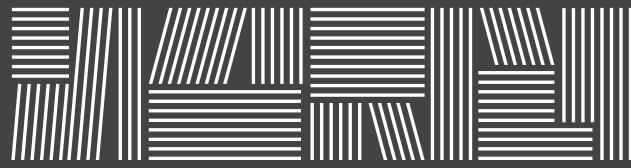
Explore more at page no. 133 to 152



The primary allure of sparkling polished finish tiles lies in their ability to transform light into a mesmerizing dance. Natural or artificial light sources become the protagonists, bouncing off the polished surface, creating a dazzling play of highlights and shadows.



WHAT'S NEW

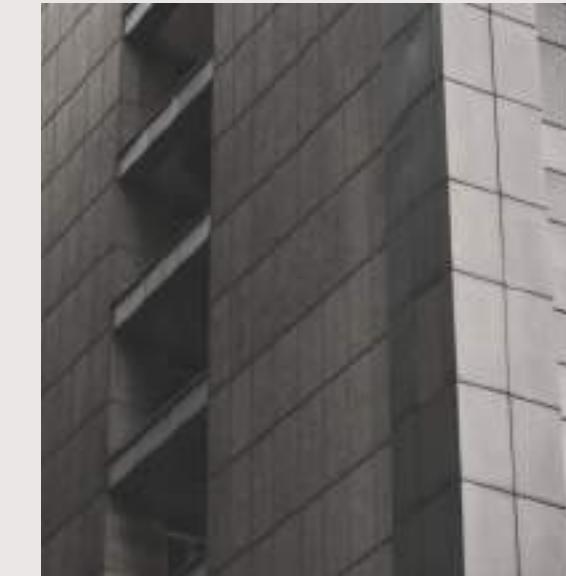


ESTERNA COLLECTION

Crafted with meticulous attention to detail and a commitment to excellence, the ESTERNA Collection stands at the forefront of architectural evolution. Its fusion of cutting-edge technology and artistic ingenuity results in a range of facade slabs that transcend mere functionality to become true works of art. Inspired by the fluidity of nature and the dynamic interplay of light and shadow, allowing architects to unleash their creativity without limits.

1200 X 2400 mm | Rustic matt & Structure matt

Explore more at page no. 153 to 174



One of the defining features of the ESTERNA Collection is its innovative material composition. Engineered to withstand the rigors of outdoor

exposure, these slabs boast exceptional durability and weather resistance, ensuring longevity without compromising on visual appeal.



Modern designs inspired by minimalist chic, immerse your self in a symphony of texture and color. Let Lioli Ceramica transform your space into a canvas of boundless creativity and timeless sophistication.

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STRATUM PORTORO		<input type="checkbox"/>				79
DIOR GOLD		<input type="checkbox"/>				80

LIOU[®]
ESTHETIC MARMORÉAL

MARBLE
&
ONYX
Collection



EVEREST WHITE

1600x3200mm
1200x2400mm
1600x1600mm
1200x1200mm

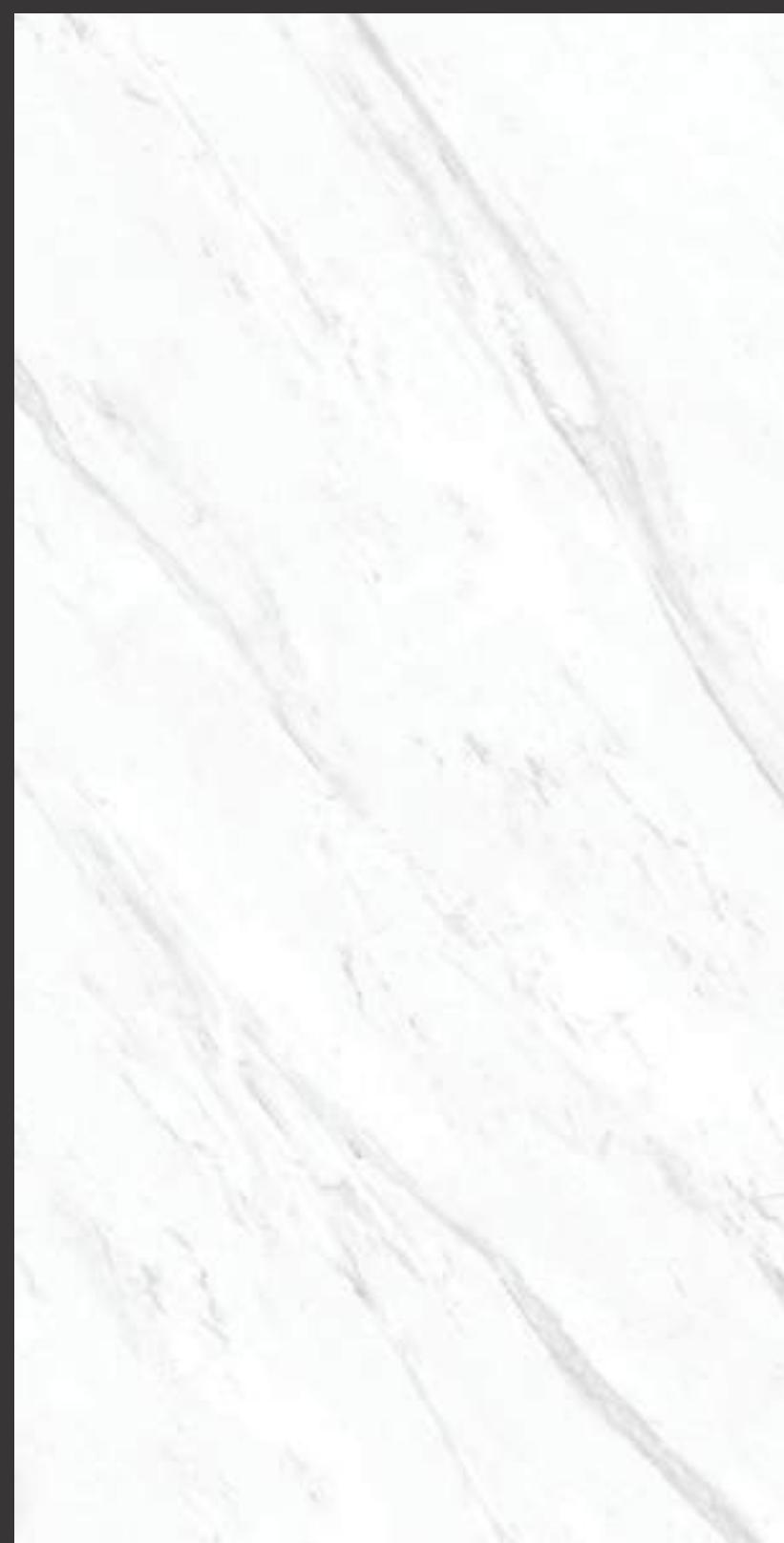
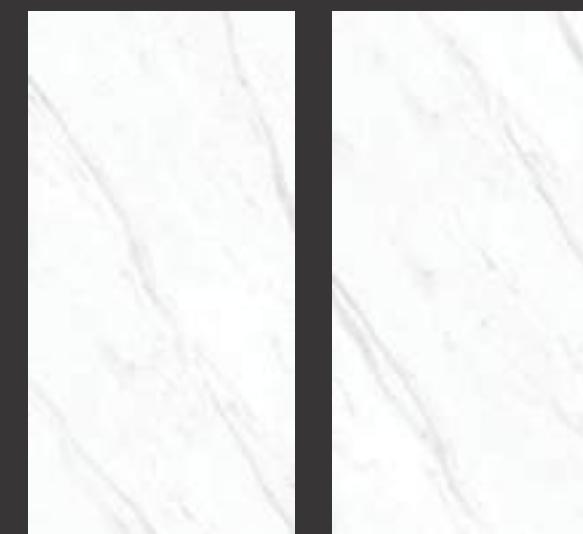
CRYSTALLINE | LUSTROUS
RUSTIC MATT
Thickness : 9mm | 12mm



STATUARIO PLATINA

1600x3200mm
1200x2400mm
800x1600mm

CRYSTALLINE | LUSTROUS
RUSTIC MATT
Thickness : 9mm | 12mm



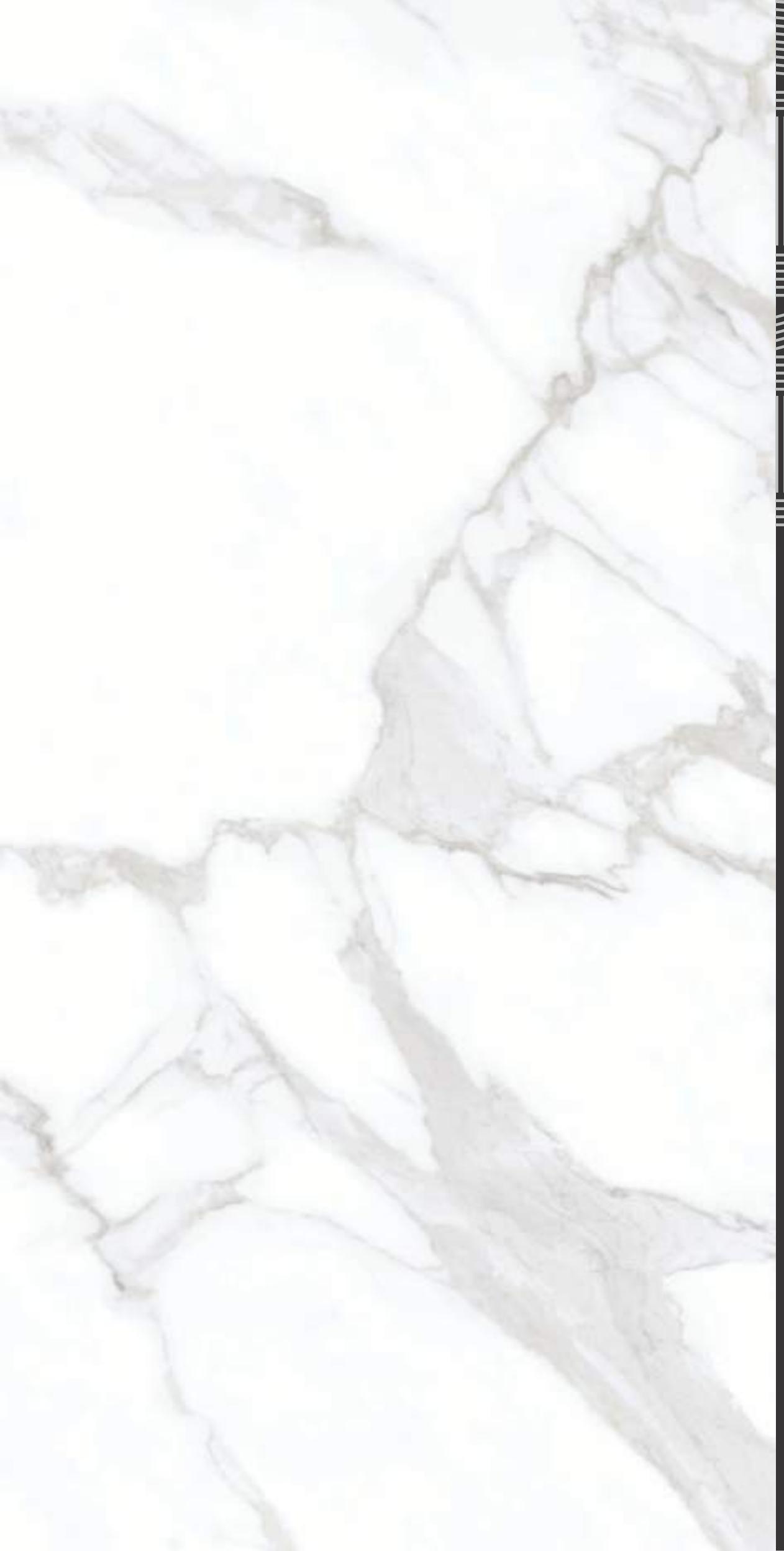


STATUARIO PLATINA

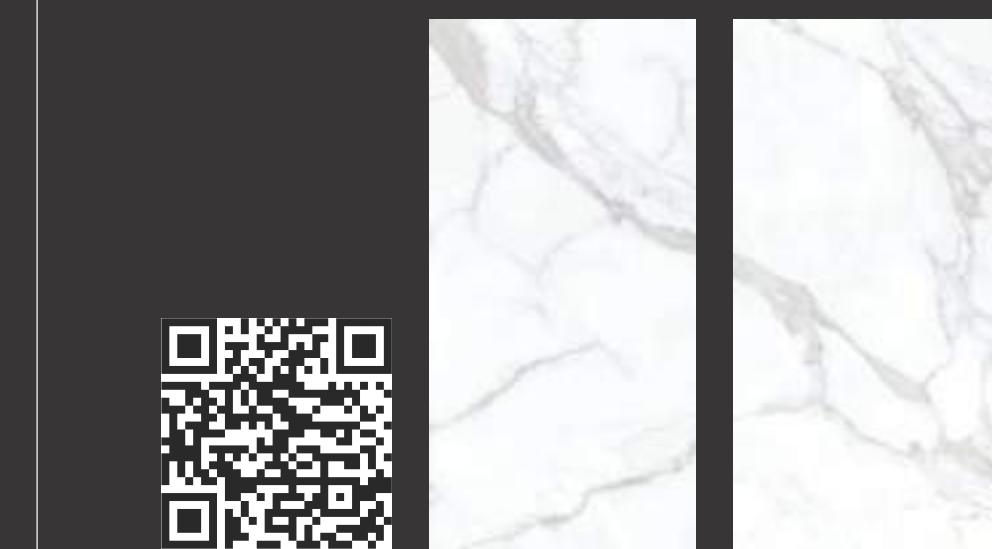
Used in floor

The name "Statuario Platina" evokes images of opulence and refinement, with a prestigious appearance and platinum-like sheen. The platinum-toned veining against the white background adds a touch of glamour and visual interest,

creating a striking focal point in any bathroom. The luminous quality of Statuario Platina reflects light, creating a sense of spaciousness and brightness in the bathroom.



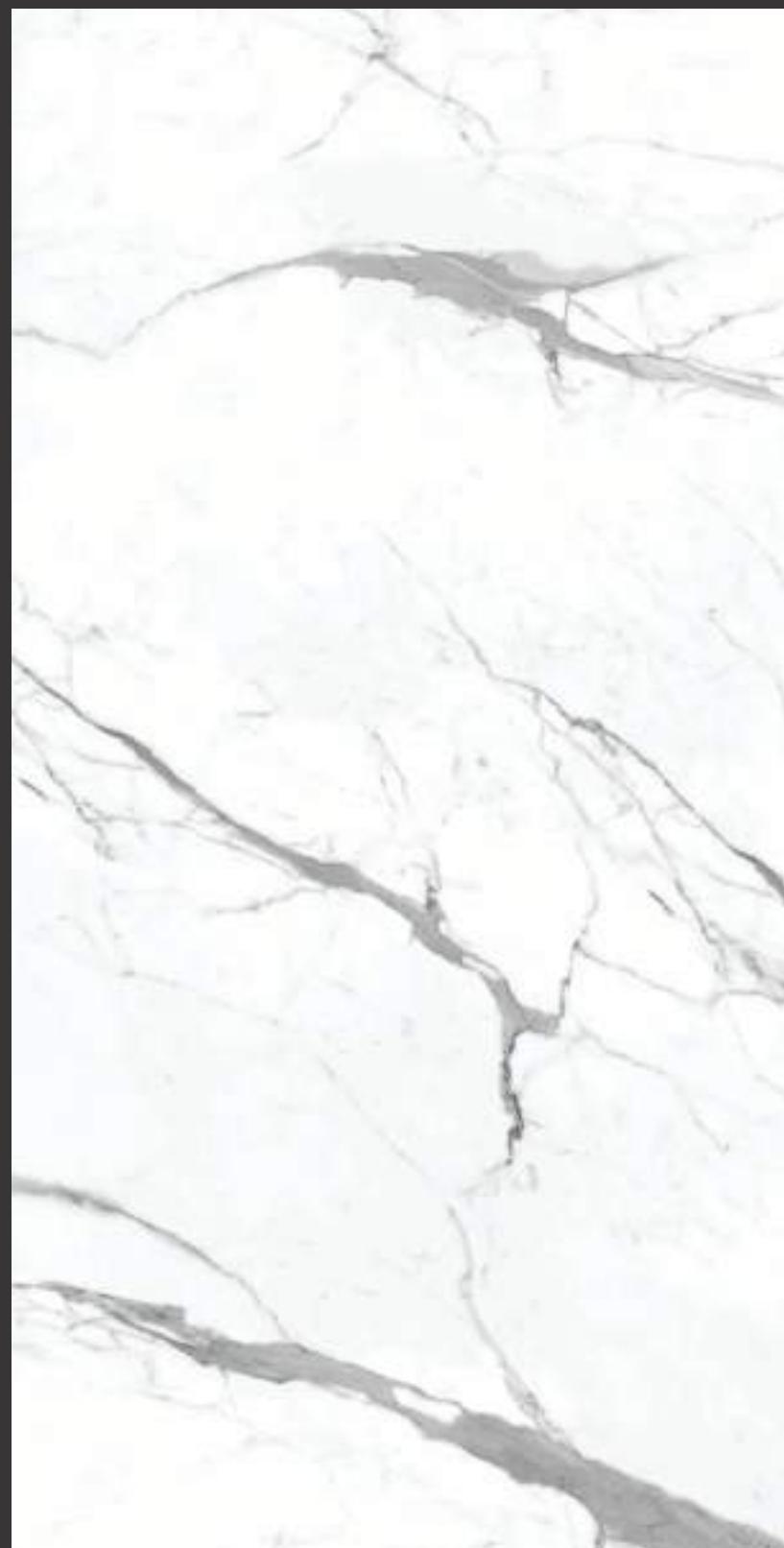
LIOU
ESTHETIC MARMOREAL



STATUARIO VENETIAN

1600x3200mm
1200x2400mm
1600x1600mm
1200x1200mm

CRYSTALLINE | LUSTROUS
RUSTIC MATT
Thickness : 9mm | 12mm



STATUARIO NORWELL

1600x3200mm
1200x2400mm
1600x1600mm
800x1600mm

CRYSTALLINE | LUSTROUS
RUSTIC MATT
Thickness : 9mm | 12mm



STATUARIO

1600x3200mm
1200x2400mm

CRYSTALLINE | LUSTROUS
RUSTIC MATT
Thickness : 9mm | 12mm





CALACATTA BORGHINI

1600x3200mm
1200x2400mm
800x1600mm

CRYSTALLINE | LUSTROUS
RUSTIC MATT
Thickness : 9mm | 12mm



MONT BLANC CRYSTAL

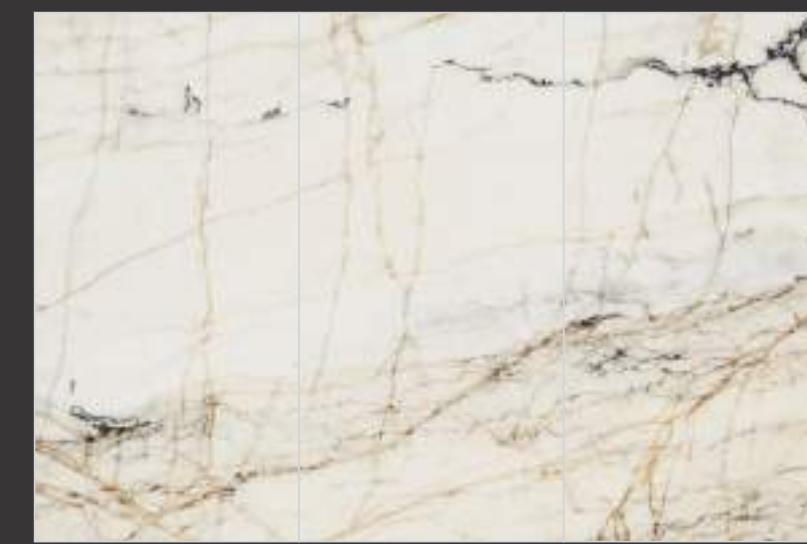
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1200x2400mm
1600x1600mm

CRYSTALLINE | LUSTROUS
RUSTIC MATT
Thickness : 9mm | 12mm





LIOU
ESTHETIC MARMOREAL



AFYON WHITE

1600x3200mm
1200x2400mm

CRYSTALLINE
LUSTROUS
Thickness : 9mm | 12mm

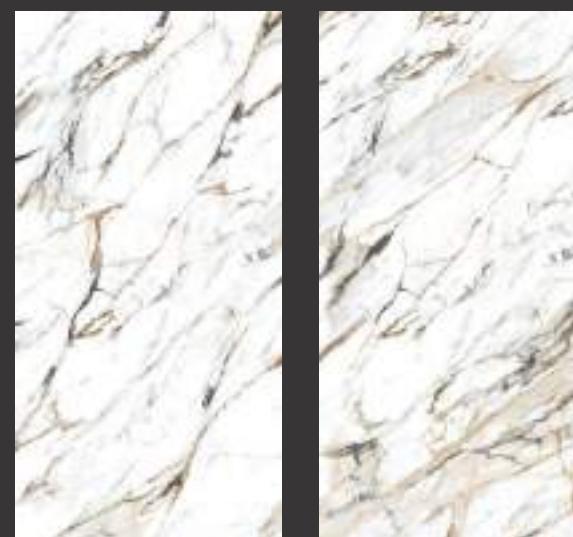




CALACATTA LUXE

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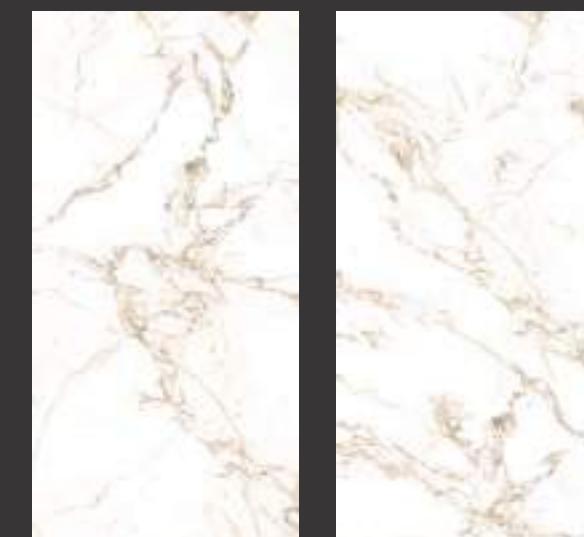
CRYSTALLINE | LUSTROUS
RUSTIC MATT
Thickness : 9mm | 12mm



CALACATTA MACCHIA VECCHIA

1600x3200mm
1200x2400mm

CRYSTALLINE | LUSTROUS
RUSTIC MATT
Thickness : 9mm | 12mm



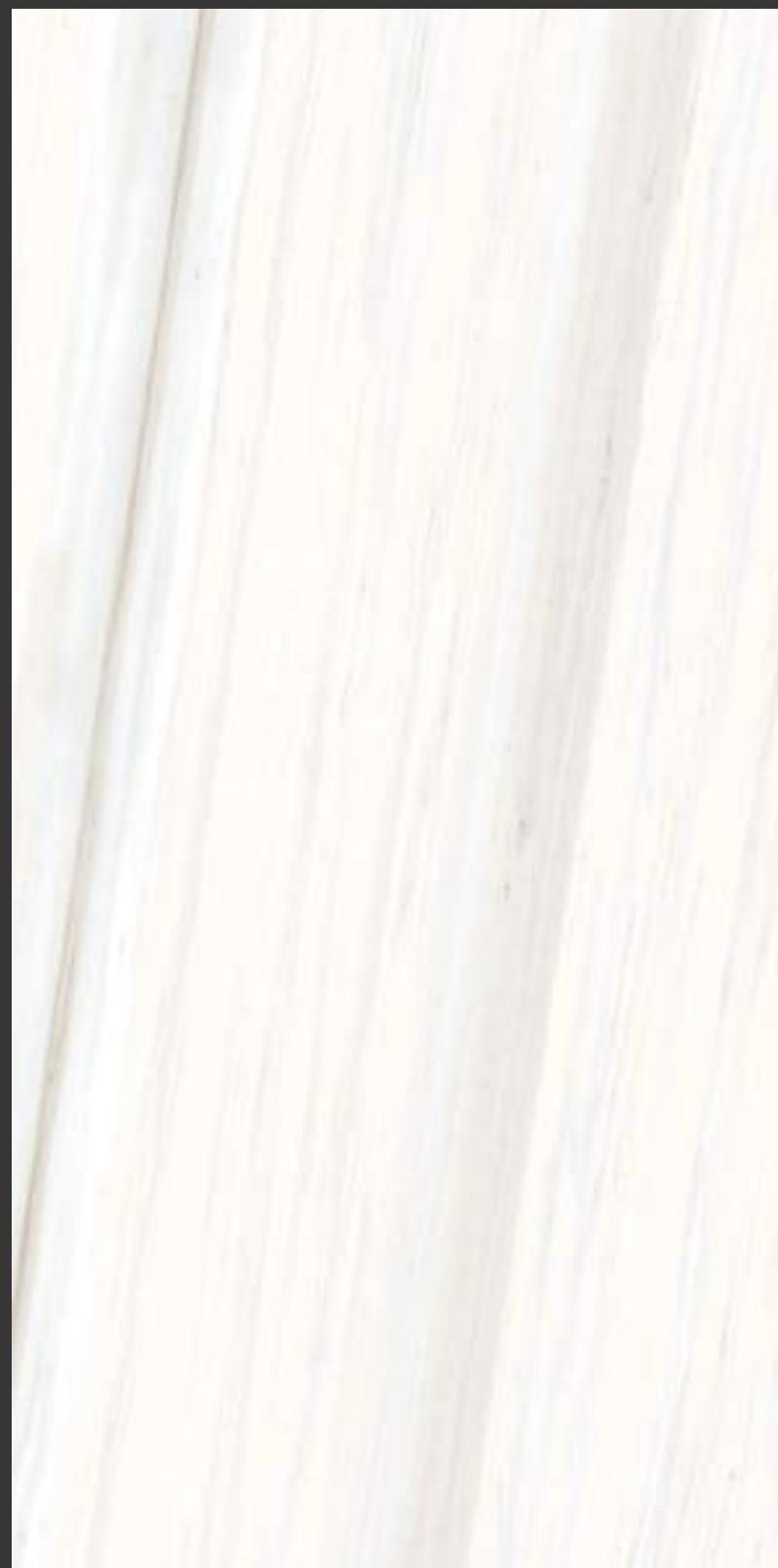


CALACATTA MACCHIA VECCHIA

Used in kitchen top

Calacatta Macchia Vecchia, with its striking white background and bold, dramatic veining, transforms any kitchen into a masterpiece.

Each slab is a unique work of art, ensuring that no two kitchens are alike. The natural patterns create a sense of depth and movement, making your kitchen both inviting and visually captivating.



BIANCO LASA

1600x3200mm
1200x2400mm
800x1600mm

CRYSTALLINE | LUSTROUS
RUSTIC MATT
Thickness : 9mm | 12mm



CALACATTA BIANCO ORO

1600x3200mm
1200x2400mm
1600x1600mm
1200x1200mm

CRYSTALLINE | LUSTROUS
RUSTIC MATT
Thickness : 9mm | 12mm



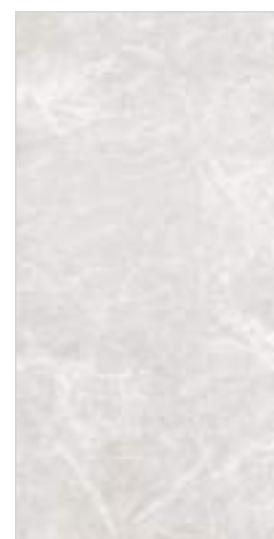


HEARMS GREY

1200x2400mm
1600x1600mm

LUSTROUS

Thickness : 9mm



WHITE BOLGHER

1200x2400mm

LUSTROUS

Thickness : 9mm





SUPER WHITE QUARTZITE

1600x3200mm
1200x2400mm
800x1600mm

CRYSTALLINE
LUSTROUS
Thickness : 9mm | 12mm



OPERA GREY

1200x2400mm
800x1600mm

LUSTROUS

Thickness : 9mm





SUPER WHITE QUARTZITE

Used in kitchen top

Super White Quartzite captivates with its stunning visual appeal. With a light grey to white background accented by subtle yet striking veins of grey and black.

This natural stone mimics the elegance of marble while offering unique character and depth.



PACIFIC GREY

1200x2400mm
800x1600mm

LUSTROUS

Thickness : 9mm



CLAROS GREY

1200x2400mm
800x1600mm

LUSTROUS

Thickness : 9mm





SILVER ARMANI

1200x2400mm

LUSTROUS

Thickness : 9mm



ARMANI GREY

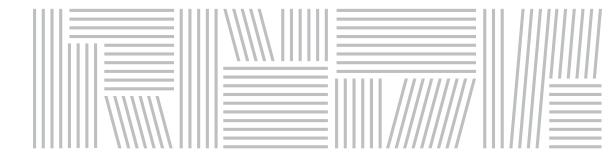
1200x2400mm
1600x1600mm
1200x1200mm

LUSTROUS

RUSTIC MATT

Thickness : 9mm





CELIO

1200x2400mm
1600x1600mm
800x1600mm

LUSTROUS

Thickness : 9mm



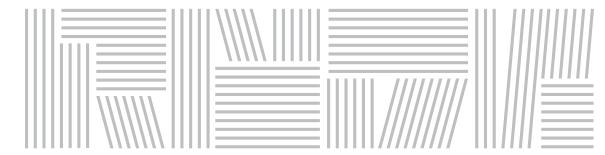
BOTTICINO FIORITO

1200x2400mm
1200x1200mm

LUSTROUS

Thickness : 9mm



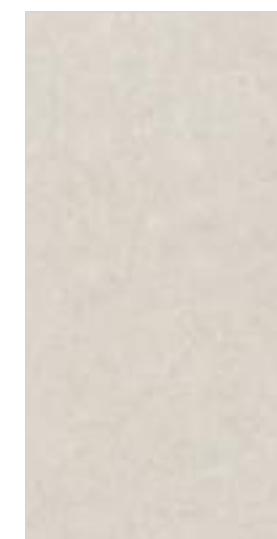


CARNARVON BEIGE

1200x2400mm

LUSTROUS

Thickness : 9mm



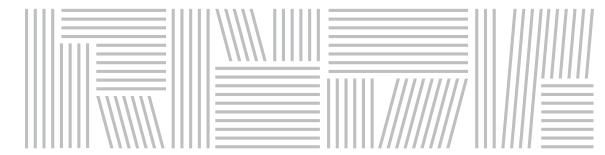
CLAROS BEIGE

1200x2400mm
800x1600mm

LUSTROUS

Thickness : 9mm





OMANI

1200x2400mm
1200x1200mm

LUSTROUS

Thickness : 9mm



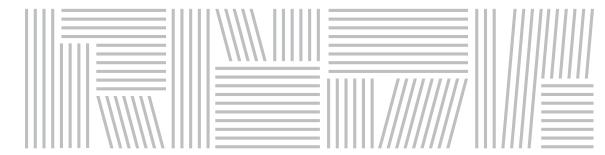
EMPERADOR LIGHT

1200x2400mm
1600x1600mm
1200x1200mm

LUSTROUS

Thickness : 9mm





TRAVERTINE BEIGE

1200x2400mm
1200x1200mm

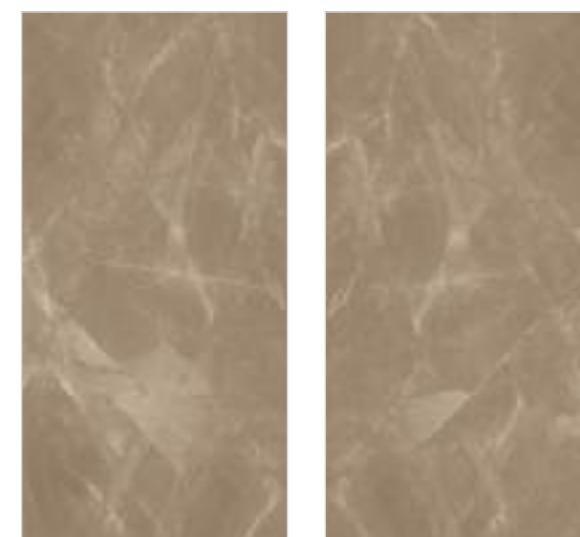
LUSTROUS
RUSTIC MATT
Thickness : 9mm



ARMANI GOLD

1200x2400mm
1600x1600mm
1200x1200mm

LUSTROUS
RUSTIC MATT
Thickness : 9mm





SILVER RIVER

1600x3200mm
1200x2400mm
1600x1600mm
800x1600mm

CRYSTALLINE | LUSTROUS
RUSTIC MATT
Thickness : 9mm | 12mm



IRISH BROWN

1200x2400mm

LUSTROUS

Thickness : 9mm





LIOLI
ESTHETIC MARMORÉAL



CLAROS MOCHA

1200x2400mm
800x1600mm

LUSTROUS

Thickness : 9mm



PIETRA GREY

1600x3200mm
1200x2400mm
1200x1200mm
800x1600mm

CRYSTALLINE | LUSTROUS
RUSTIC MATT
Thickness : 9mm | 12mm



DAMASTA GREY

1600x3200mm
1200x2400mm
1600x1600mm

CRYSTALLINE | LUSTROUS
RUSTIC MATT
Thickness : 9mm | 12mm





SAHARA BROWN

1200x2400mm
800x1600mm

LUSTROUS

Thickness : 9mm



BASALTINA

1200x2400mm

LUSTROUS

Thickness : 9mm



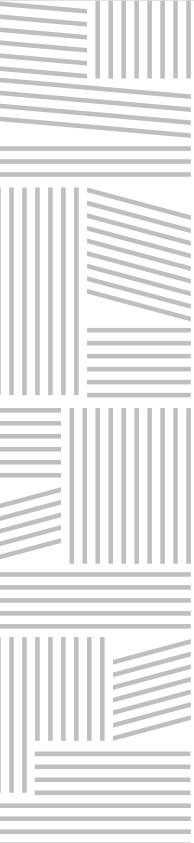
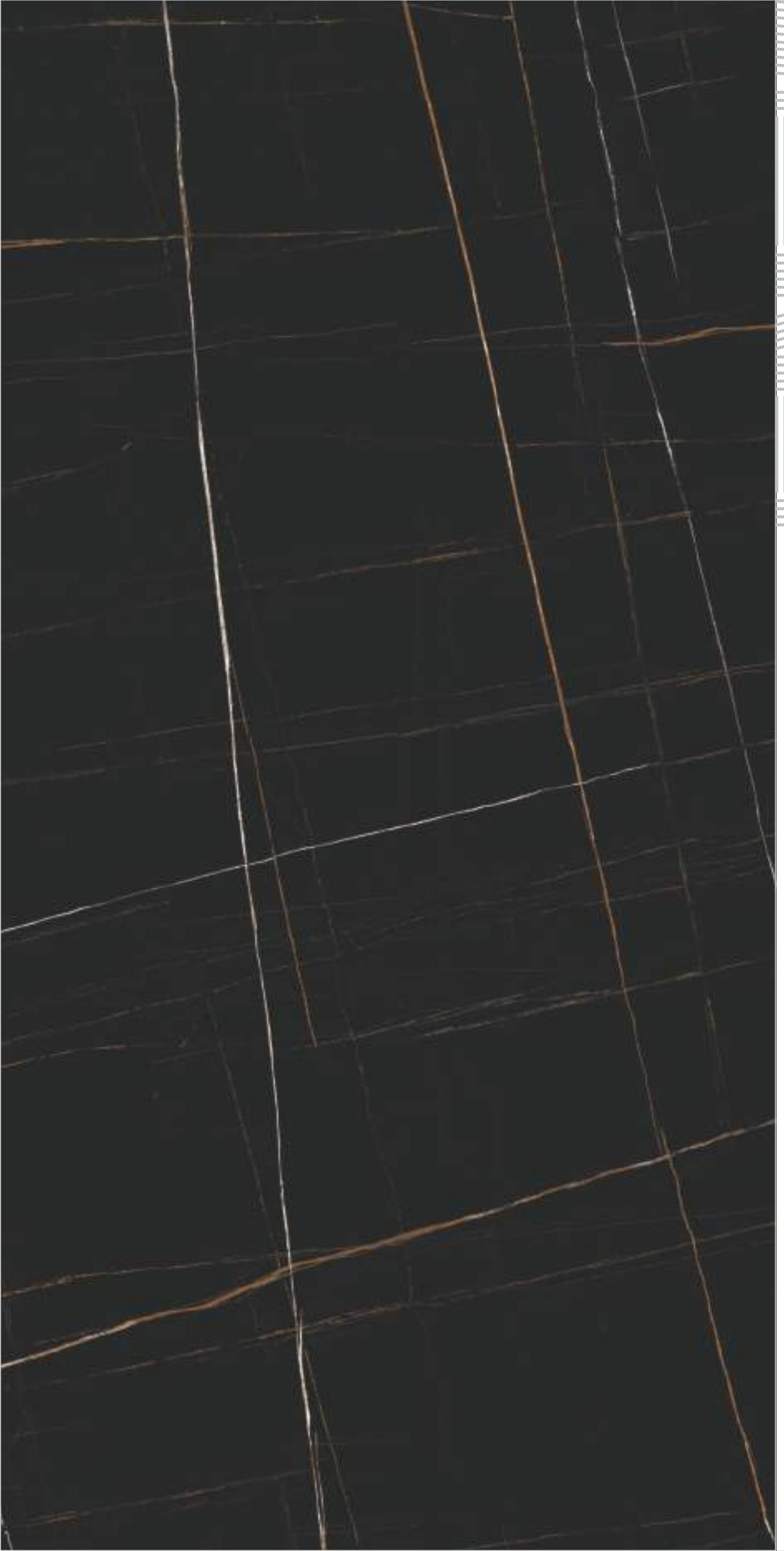


BASALTINA

Used in Wall

Its smooth, fine-grained texture and consistent grey tones create a sleek and modern look that can elevate any space.

The subtle variations in its surface add depth and interest, making it an ideal backdrop for a wide range of merchandise, from high-end fashion to artisanal goods.



LIOLI
ESTHETIC MARMORÉAL



SAINT LAURENT

1600x3200mm
1200x2400mm
1200x1200mm

CRYSTALLINE | LUSTROUS | STRUCTURE MATT
RUSTIC MATT | ORGATECH
Thickness : 9mm | 12mm

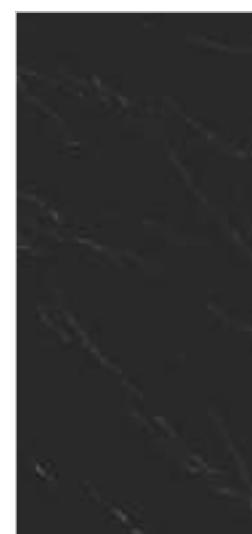




NERO MARQUINA

1600x3200mm
1200x2400mm
1200x1200mm

CRYSTALLINE | LUSTROUS
RUSTIC MATT | ORGATECH
Thickness : 9mm | 12mm

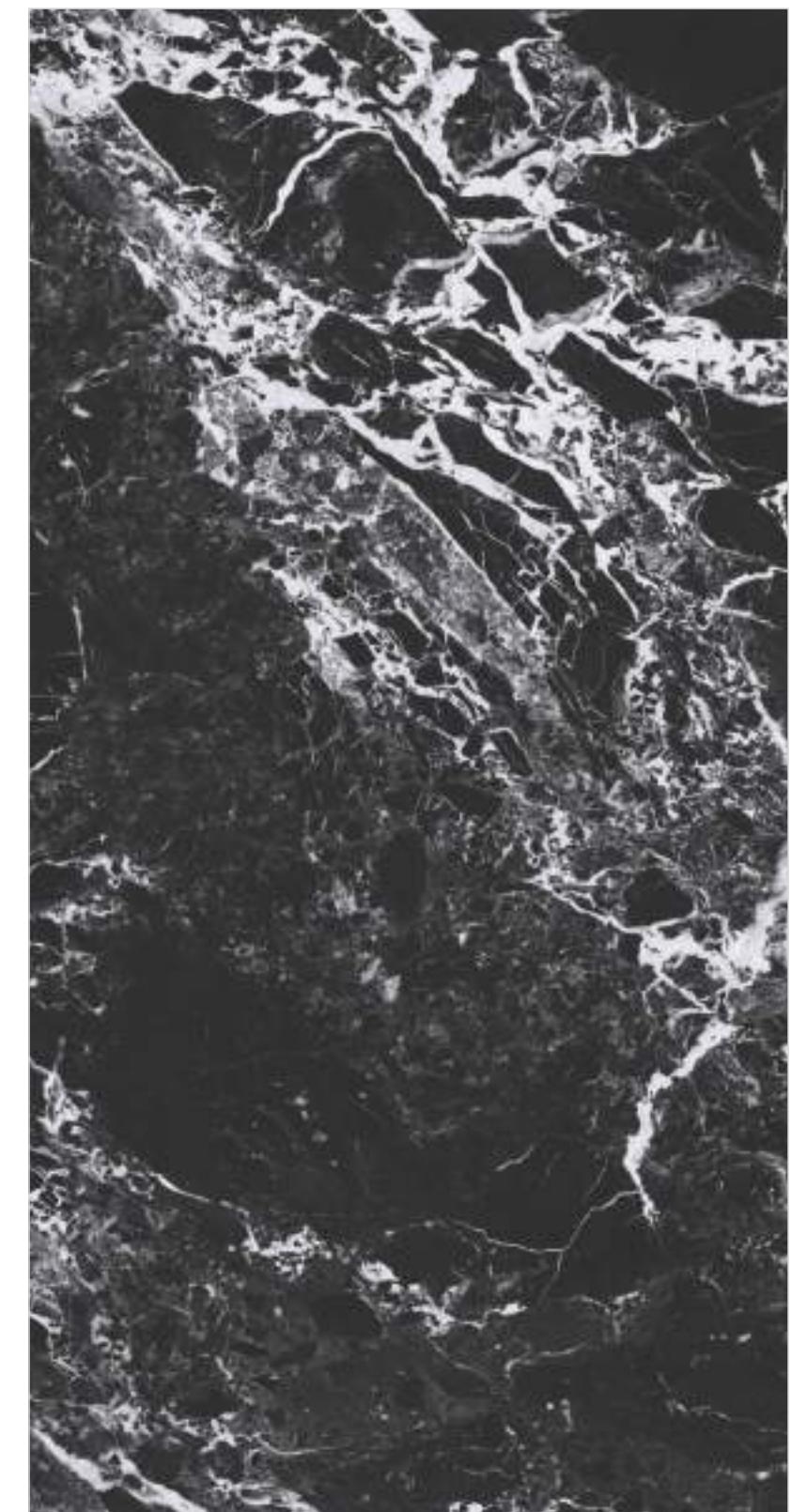
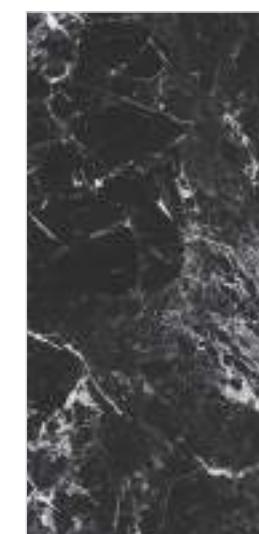


ASHFORD BLACK

1200x2400mm

LUSTROUS

Thickness : 9mm

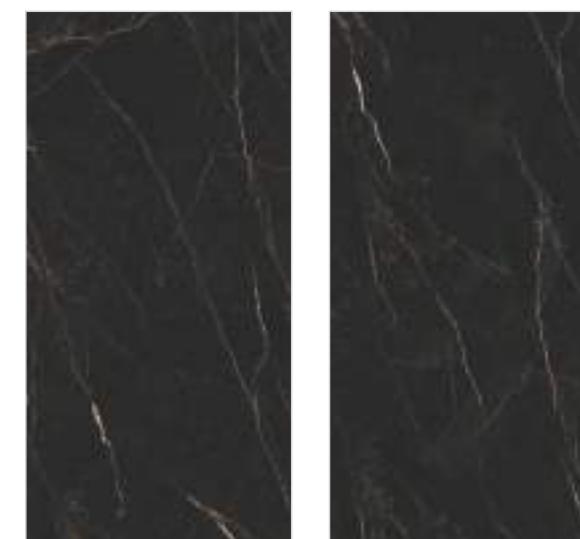




STRATUM PORTORO

1600x3200mm
1200x2400mm
800x1600mm

CRYSTALLINE | LUSTROUS
ORGATECH
Thickness : 9mm | 12mm

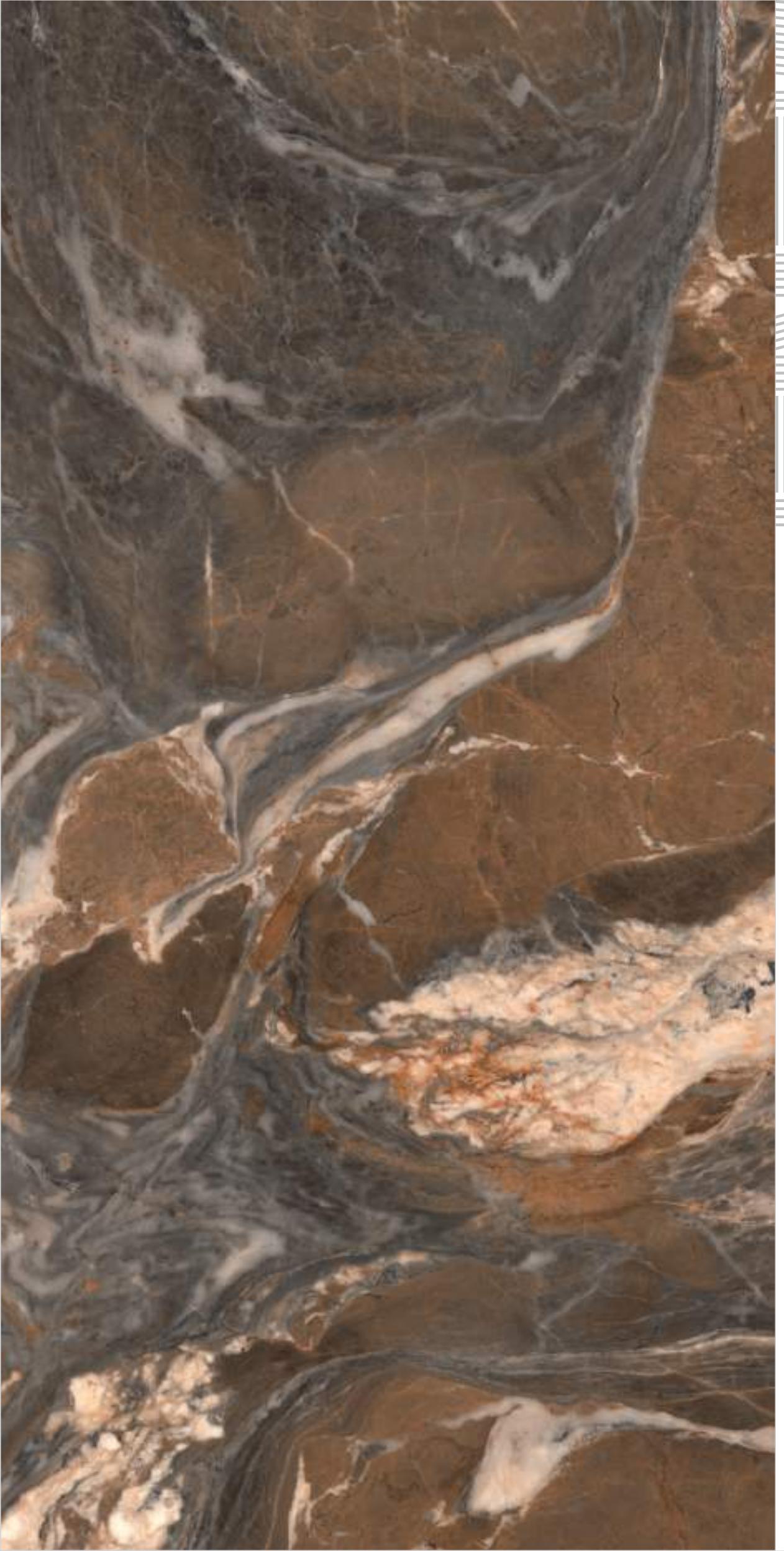


DIOR GOLD

1600x3200mm
1200x2400mm

CRYSTALLINE | LUSTROUS
ORGATECH
Thickness : 9mm | 12mm





LIOLI
ESTHETIC MARMORÉAL



FUSION BERRY

1200x2400mm

LUSTROUS

Thickness : 9mm





REGAL BEIGE

1200x1200mm

LUSTROUS

Thickness : 9mm





ONICE BIANCO

1200x2400mm
800x1600mm

LUSTROUS

Thickness : 9mm



FANTASY ONYX

1200x2400mm
1200x1200mm

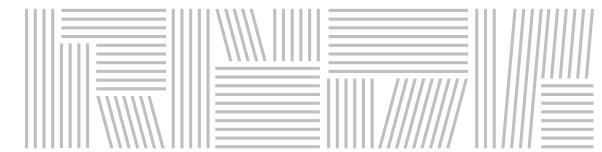
LUSTROUS

Thickness : 9mm



LIOU[®]
ESTHETIC MARMORÉAL

STONE
&
Concrete
&
TERRAZZO
Collection
&
WOODEN



CORDOSO SILVER

1200x2400mm
1600x1600mm
800x1600mm

STRUCTURE MATT
RUSTIC MATT
Thickness : 9mm

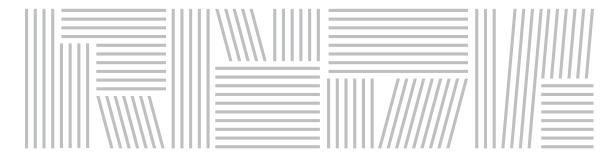


CORDOSO GREY

1200x2400mm
1600x1600mm
800x1600mm

STRUCTURE MATT
RUSTIC MATT
Thickness : 9mm





ARDESIA SILVER

1200x2400mm

STRUCTURE MATT

Thickness : 9mm



ARDESIA GRIGIO

1200x2400mm

STRUCTURE MATT

Thickness : 9mm



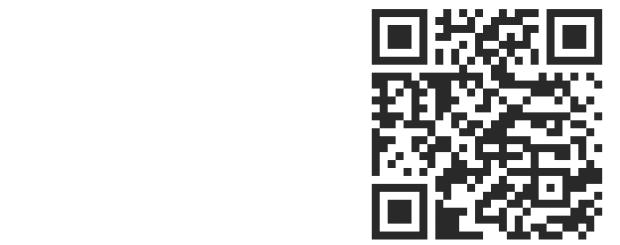


MOUNTAIN COIN

1200x2400mm
800x1600mm

RUSTIC MATT

Thickness : 9mm

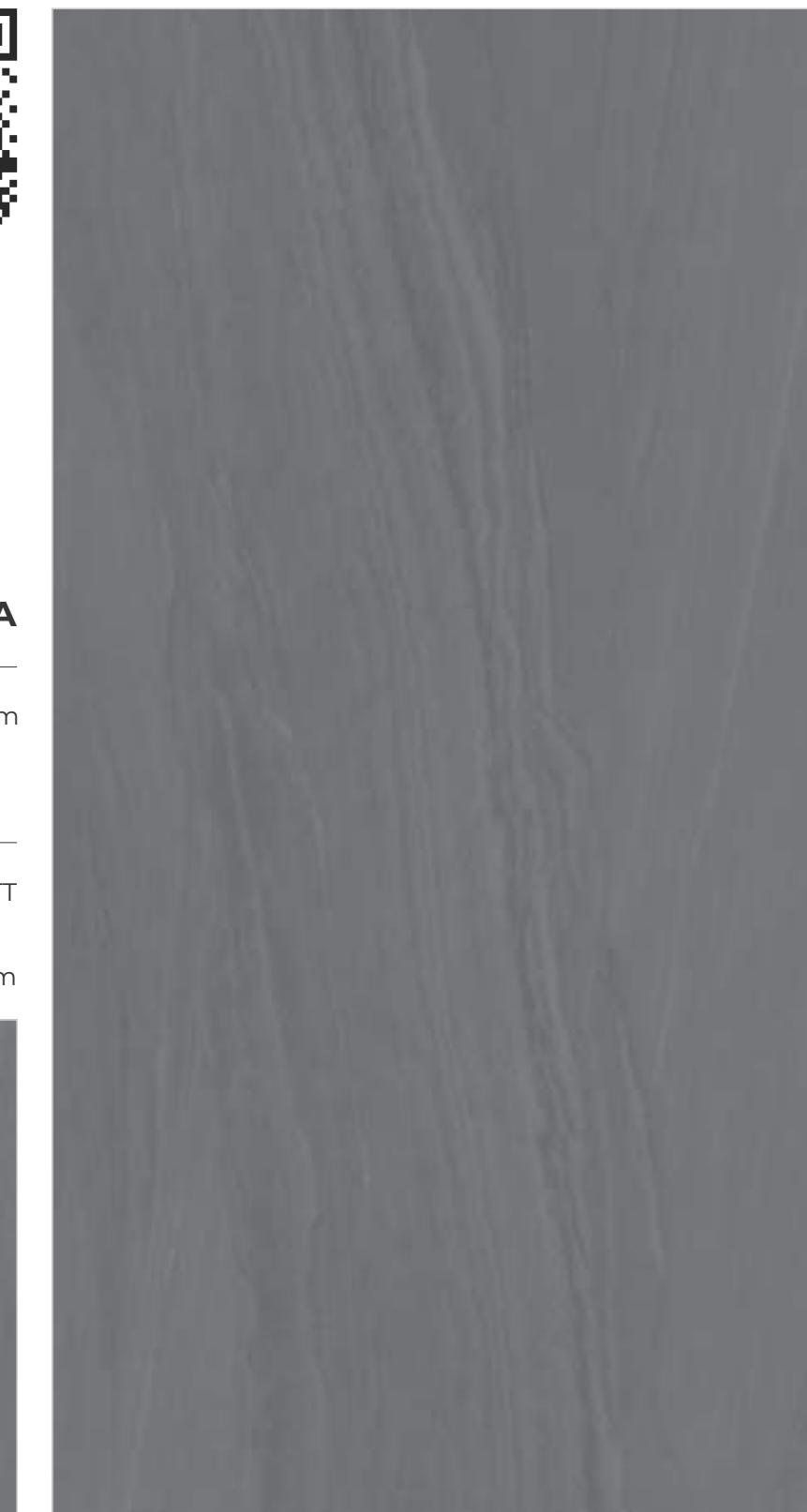


MOUNTAIN TORTORA

1200x2400mm

RUSTIC MATT

Thickness : 9mm





LIOU
ESTHETIC MARMORÉAL



BELGIUM STONE

1600x3200mm

STRUCTURE MATT

Thickness : 12mm



NEGRESCO LATTE

1600X1600mm

RUSTIC MATT

Thickness : 9mm



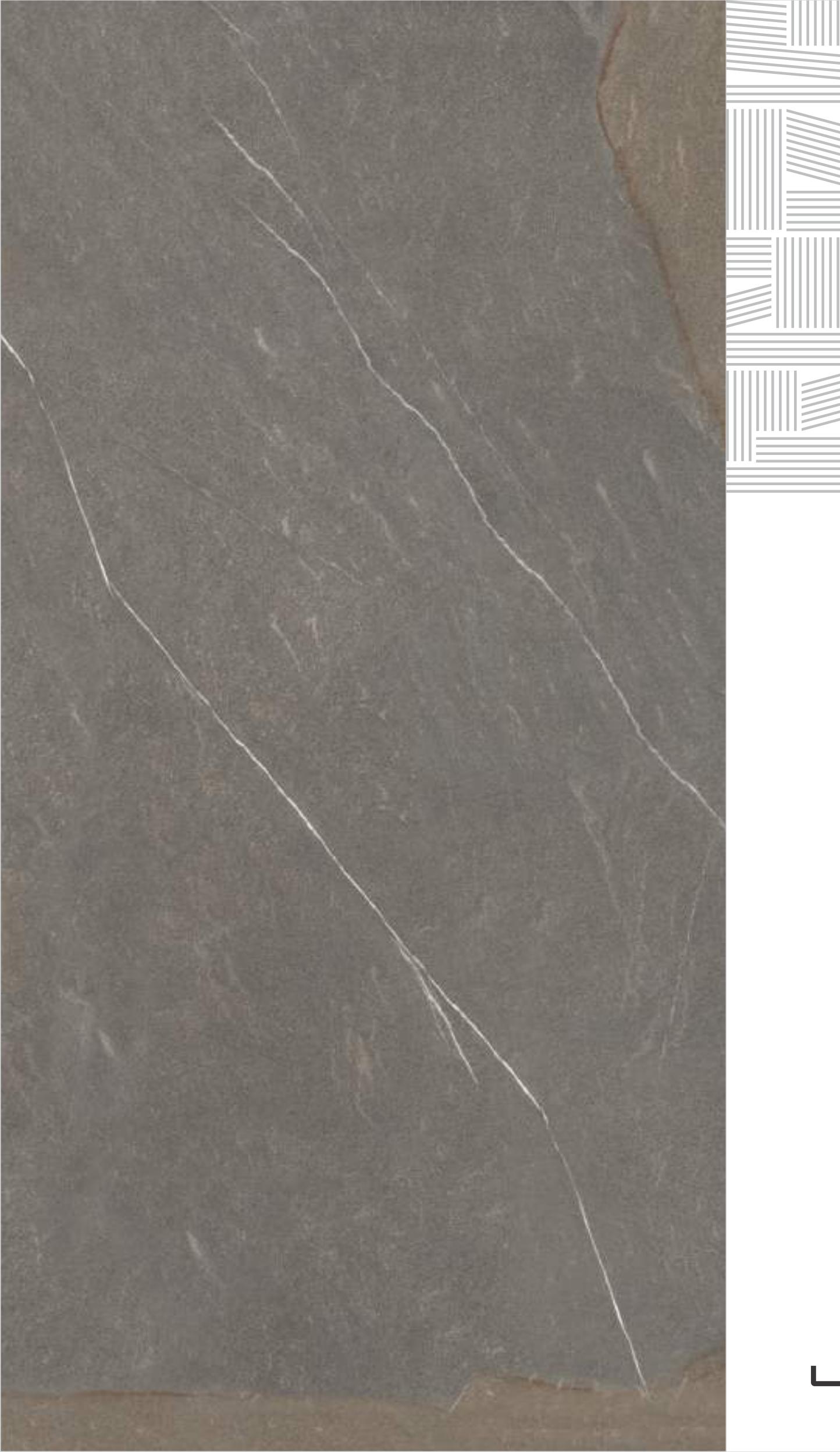
NEGRESCO GRIGIO

1600x1600mm

RUSTIC MATT

Thickness : 9mm





LIOLI
ESTHETIC MARMORÉAL

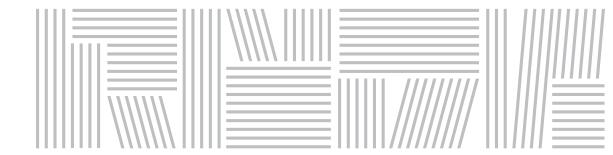


PIASENTINA

1600x3200mm
1200x2400mm

STRUCTURE MATT

Thickness : 9mm | 12mm



LITHIC COIN

1600x3200mm
1200x2400mm
1200x1200mm

STRUCTURE MATT
RUSTIC MATT
Thickness : 9mm | 12mm

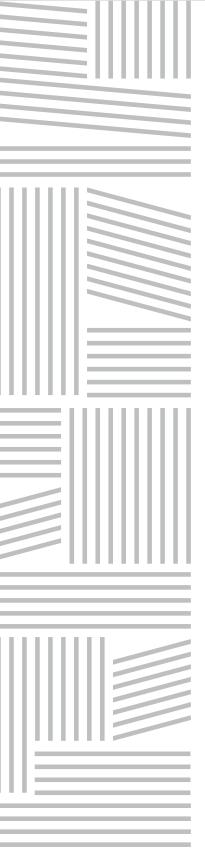
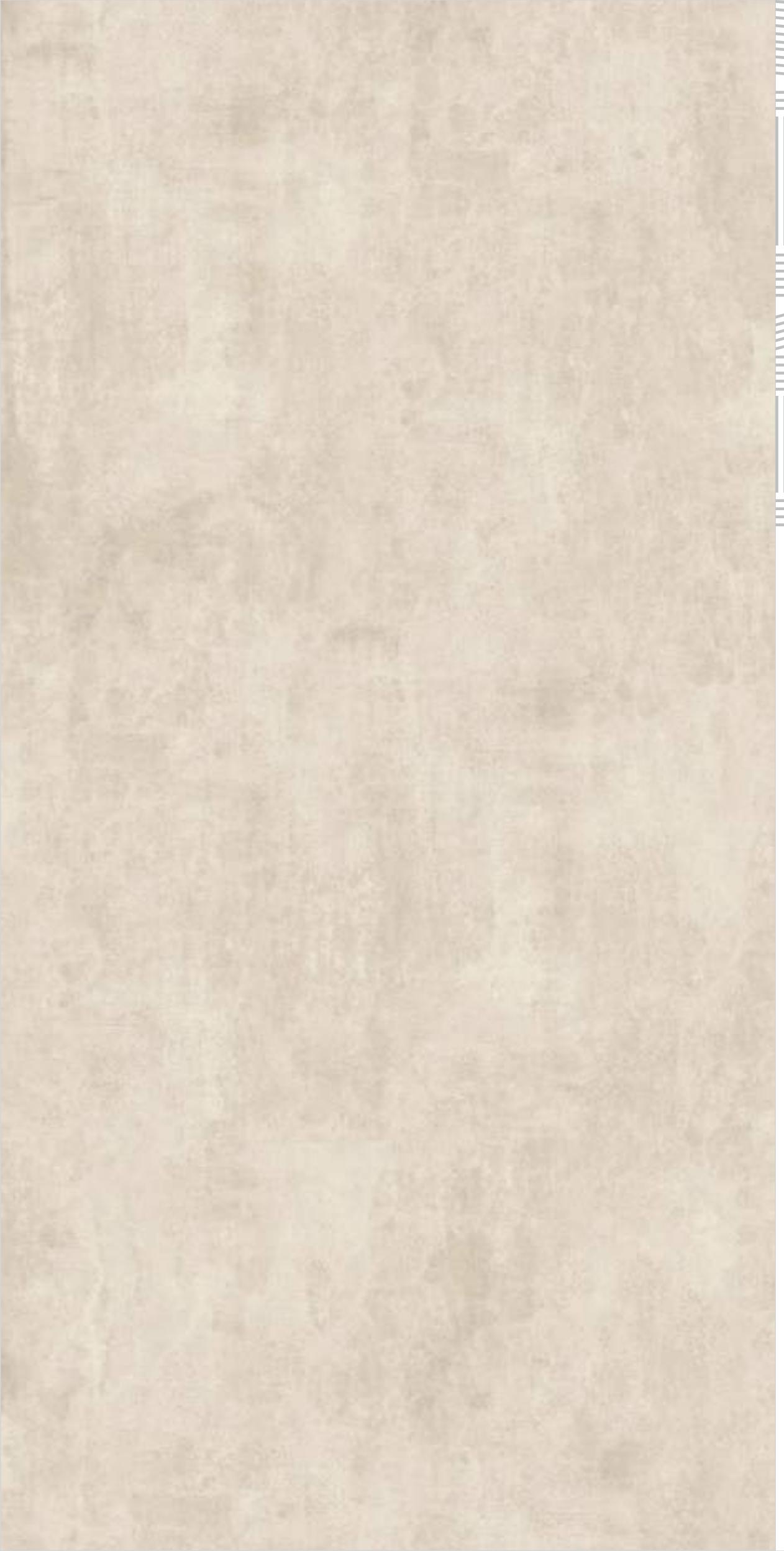


LITHIC ANTRACITE

1600x3200mm
1200x2400mm
1200x1200mm

STRUCTURE MATT
RUSTIC MATT
Thickness : 9mm | 12mm





LIOLI
ESTHETIC MARMORÉAL

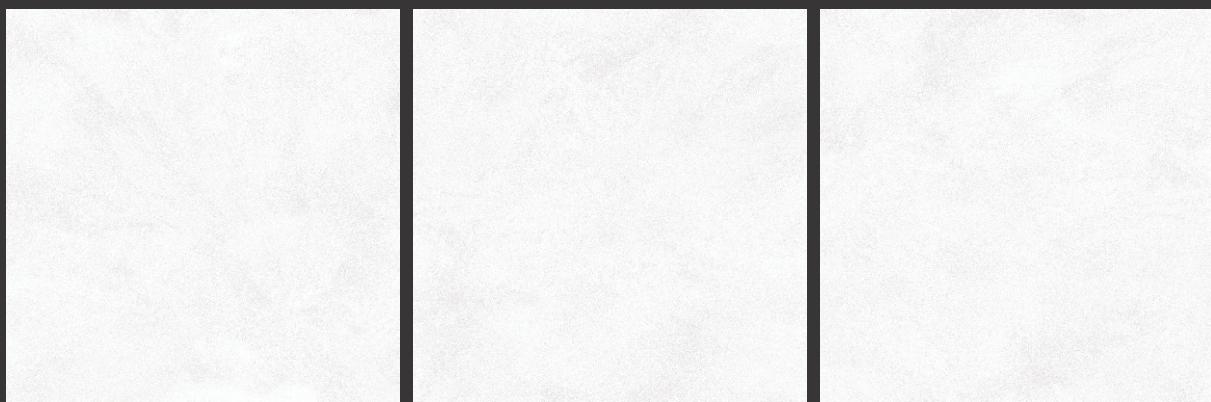


LITHIC LATTE

1200x2400mm
1200x1200mm

RUSTIC MATT

Thickness : 9mm



CEMENTO BIANCO

1600x1600mm

RUSTIC MATT

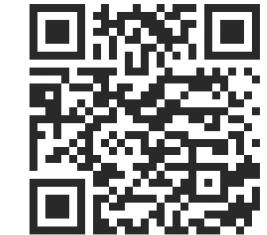
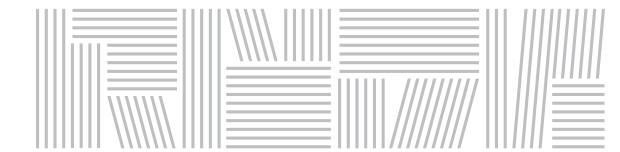
Thickness : 9mm

CEMENTO ANTRACITE

1600x1600mm

RUSTIC MATT

Thickness : 9mm





CEMENTO BEIGE

1600X1600mm

RUSTIC MATT

Thickness : 9mm



CEMENTO TORTORA

1600x1600mm

RUSTIC MATT

Thickness : 9mm





BETON FLAKES GREY

1200x2400mm
1600x1600mm
1200x1200mm

RUSTIC MATT

Thickness : 9mm



BRUNO FLAKES

1200x2400mm
1200x1200mm

RUSTIC MATT

Thickness : 9mm





CEMENTO FLAKES

1200x2400mm

RUSTIC MATT

Thickness : 9mm



TERRA FLAKES

1200x2400mm

RUSTIC MATT

Thickness : 9mm





CONCRITO WOOD

1200x2400mm

RUSTIC MATT

Thickness : 9mm



HERRINGBONE WOOD

1200x2400mm

RUSTIC MATT

Thickness : 9mm





MEEK ARCTIC

1600x3200mm

CRYSTALLINE
RUSTIC MATT
Thickness : 12mm

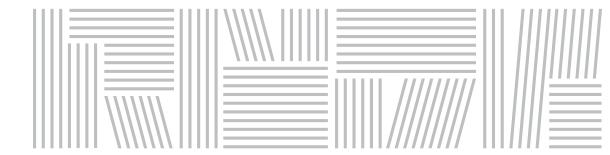


MEEK SMOKE

1600x3200mm

RUSTIC MATT
Thickness : 12mm





MEEK ASH

1600x3200mm

RUSTIC MATT

Thickness : 12mm



MEEK COAL

1600x3200mm

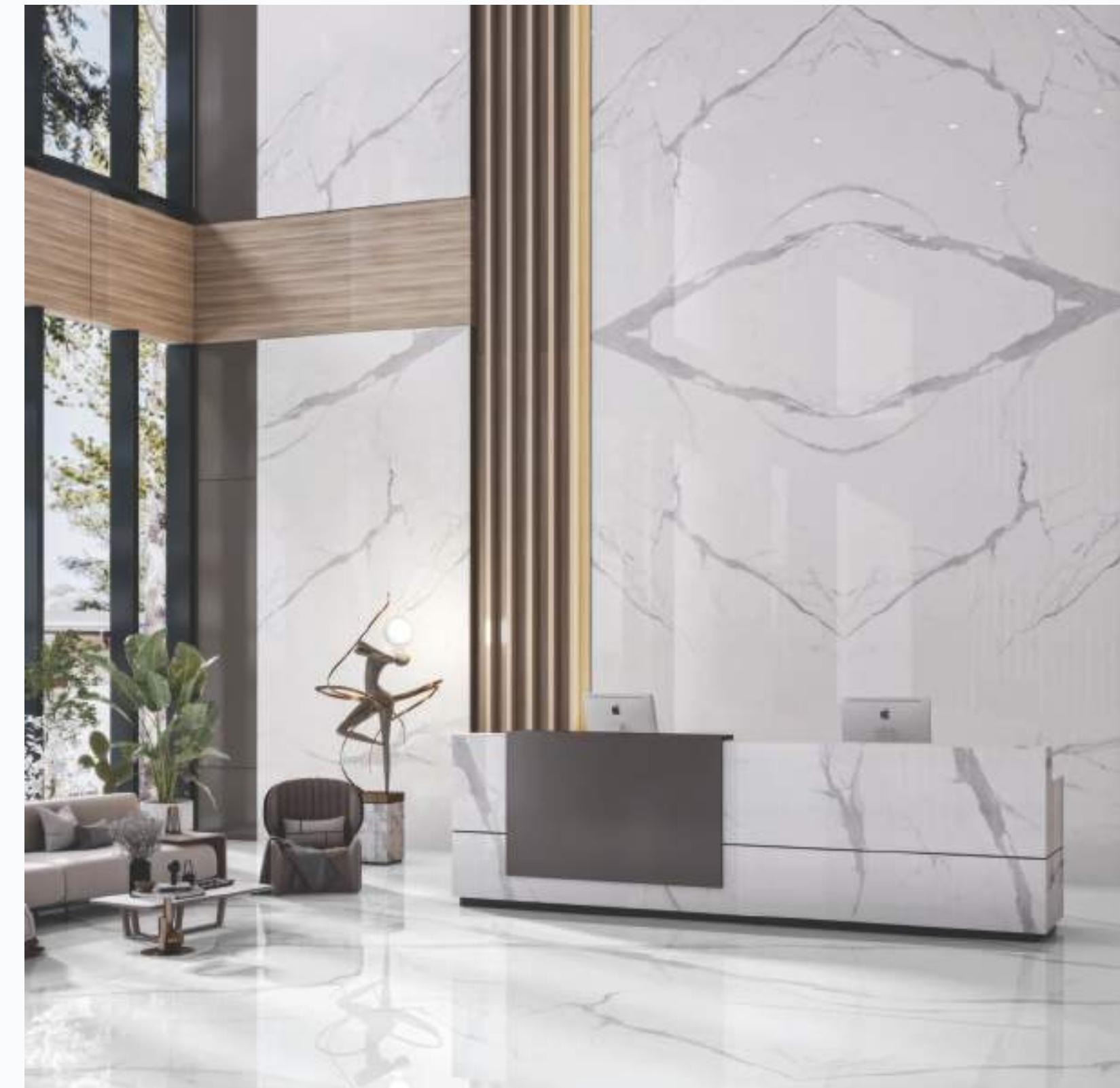
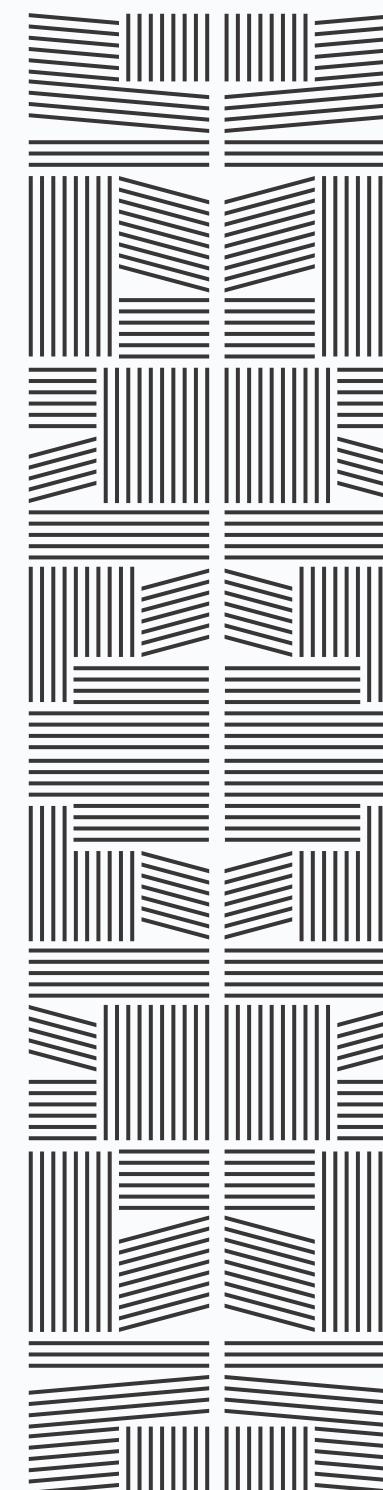
RUSTIC MATT

Thickness : 12mm

BOOK MATCH :

Bookmatch slab are designed to create a mirror-like effect, where adjacent slabs reflect each other, forming a seamless continuous pattern. This technique draws inspiration from the traditional bookmatching of marble slabs.

By replicating the natural beauty of stone with advanced manufacturing techniques, LIOLI offers a product that is not only visually stunning but also practical and sustainable.



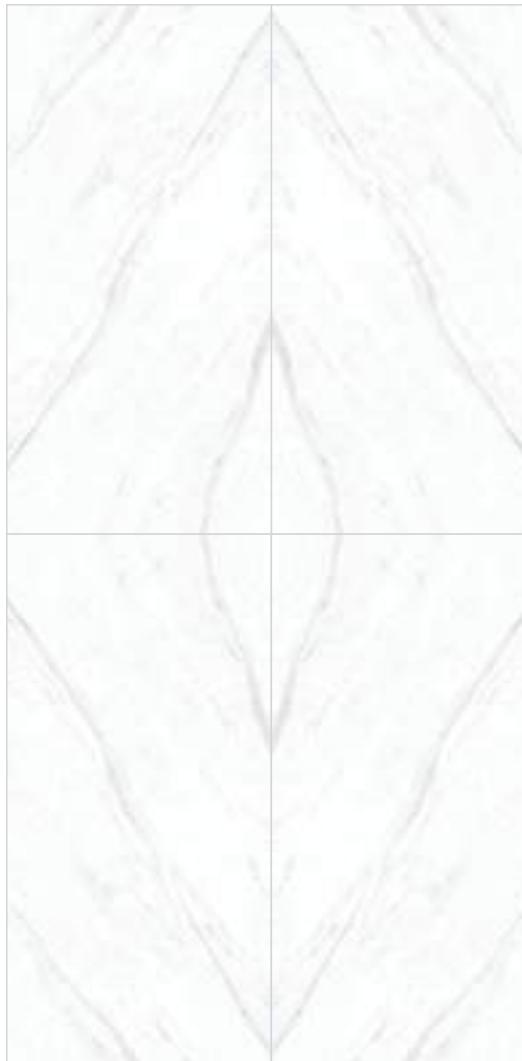


STATUARIO PLATINA

1600x3200mm

CRYSTALLINE | RUSTIC MATT

Thickness : 12mm

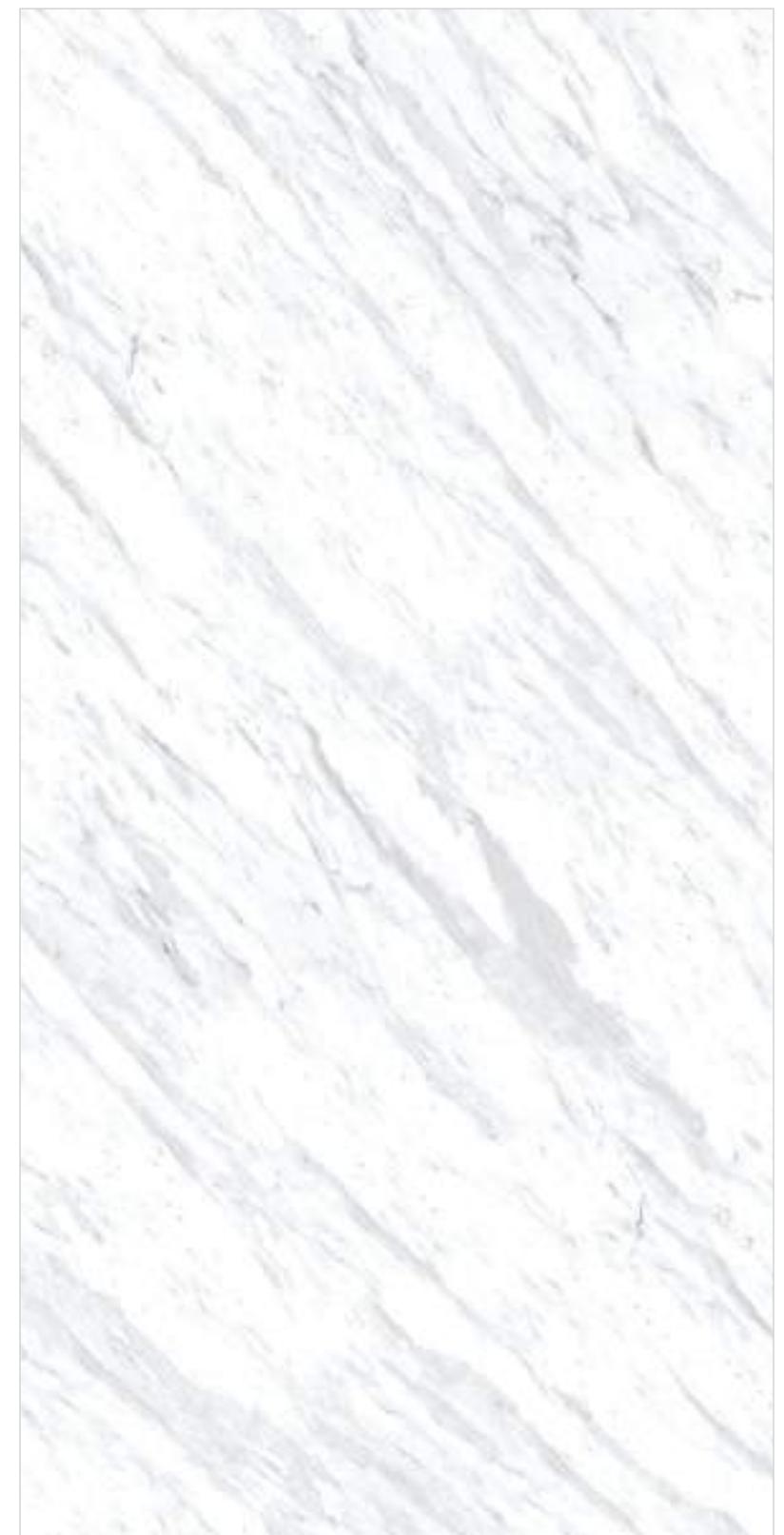


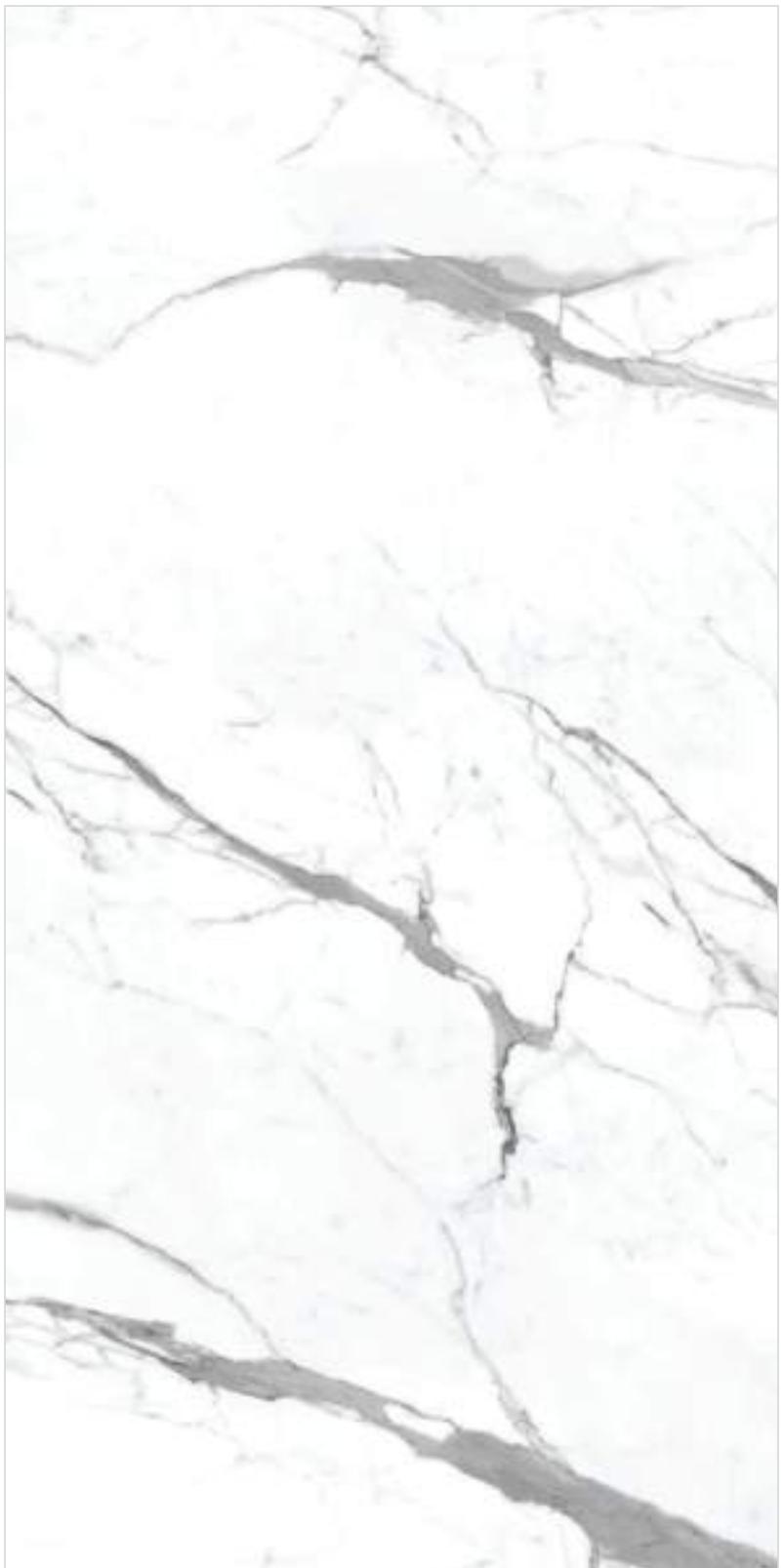
CARRARA

1600x3200mm

CRYSTALLINE | RUSTIC MATT

Thickness : 12mm



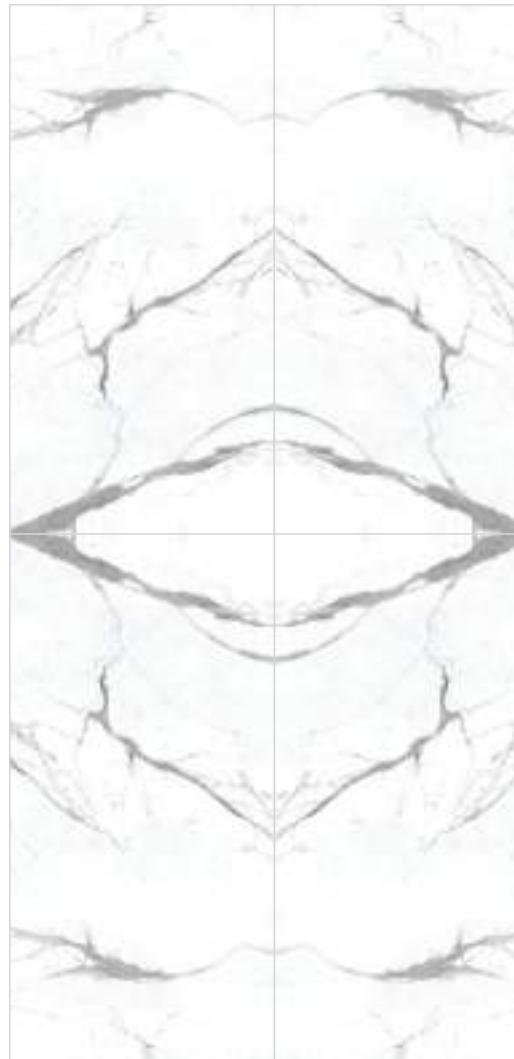


STATUARIO NORWELL

1600x3200mm

CRYSTALLINE | RUSTIC MATT

Thickness : 12mm

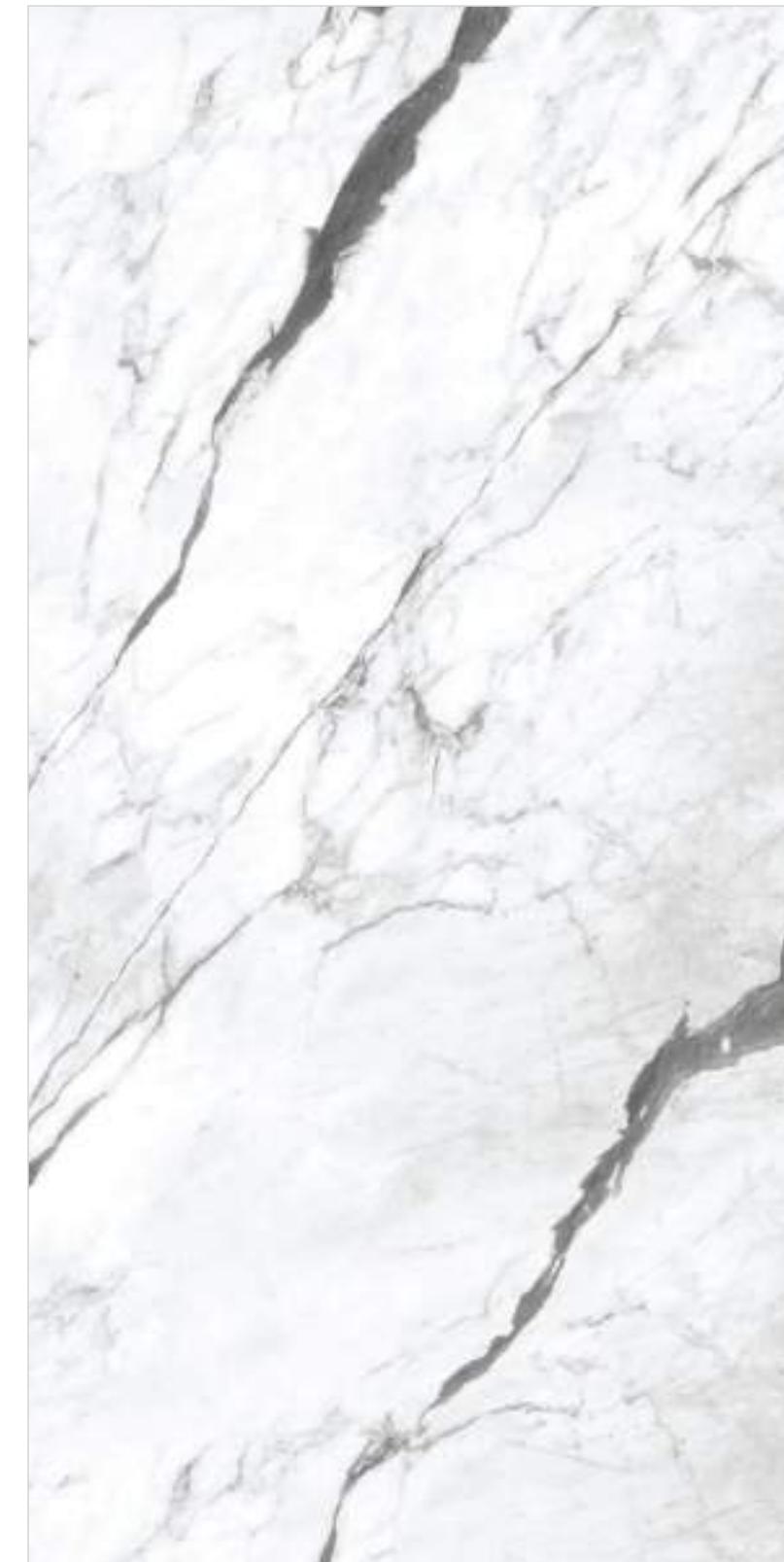
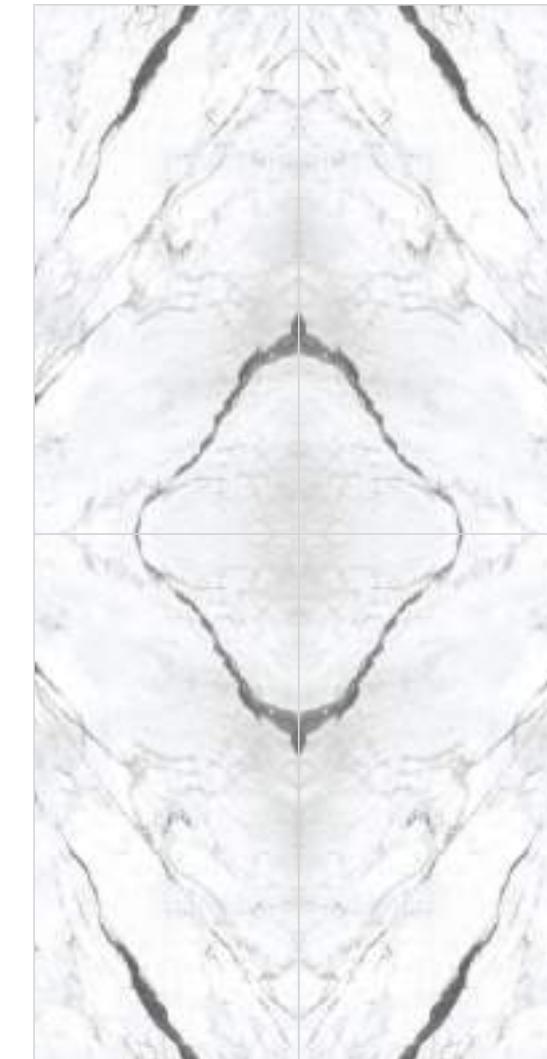


STATUARIO

1600x3200mm

CRYSTALLINE | RUSTIC MATT

Thickness : 12mm





BIANCO LASA

1600x3200mm

CRYSTALLINE | RUSTIC MATT
Thickness : 12mm



CALACATTA MACCHIA VECCHIA

1600x3200mm

CRYSTALLINE | RUSTIC MATT
Thickness : 12mm





GRAPHITE ONYX

1200x2400mm

LUSTROUS
Thickness : 9mm



CALACATTA BORGHINI

1600x3200mm

CRYSTALLINE | RUSTIC MATT
Thickness : 12mm





DOLCE GREY

1200x2400mm

LUSTROUS

Thickness : 9mm



MERIDIANA MARRON

1200x2400mm

LUSTROUS

Thickness : 9mm





LIOLI
ESTHETIC MARMORÉAL



FLORA MOSAIC

1200x2400mm

LUSTROUS
Thickness : 9mm





W I T N E S S S O M E T H I N G N E W



DESIGN INSPIRED BY THE ENIGMATIC BEAUTY OF THE COSMOS

In the vast expanse of the cosmos, where stars dance in an eternal ballet and galaxies swirl with mystique, there exists a sublime beauty that captivates the imagination. It is in the depths of outer space, amidst the celestial wonders, that we find the inspiration for SPS - a marvel of design that mirrors the brilliance of the cosmos.

With its celestial allure and earthly elegance, SPS is more than just a design choice - it is a tribute to the timeless wonder of the cosmos, inviting us to journey beyond the stars and discover the beauty that lies within and without.





POLARIS

1200x2400mm

SPS

Thickness : 9mm

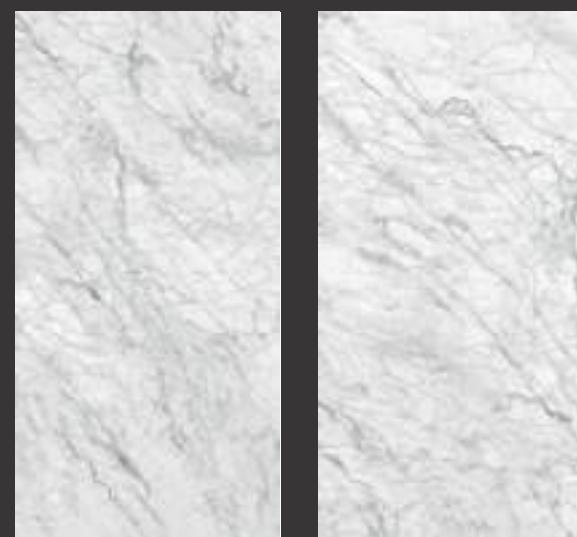


SIRIUS

1200x2400mm

SPS

Thickness : 9mm





LUNAR WHITE

1200x2400mm

SPS

Thickness : 9mm



NEPTUNE

1200x2400mm

SPS

Thickness : 9mm





EUROPA

1200x2400mm

SPS

Thickness : 9mm



SATURN

1200x2400mm

SPS

Thickness : 9mm





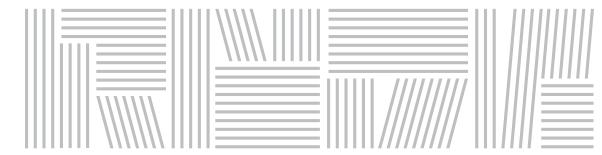
www.lioliceramica.com

SATURN

Used in wall and kitchen counter top

The name and colors are inspired by the planet Saturn, featuring various shades of yellows, browns, and golds. The hues of Saturn can evoke feelings of elegance, making them suitable for a variety of spaces. It infuses culinary spaces with an ethereal ambiance that transcends the mundane.

Whether admiring the radiant glow of its sparkling surface or marveling at its celestial inspired design, it elevates the kitchen into a space of unparalleled sophistication and wonder.



HESPERUS

1200x2400mm

SPS

Thickness : 9mm

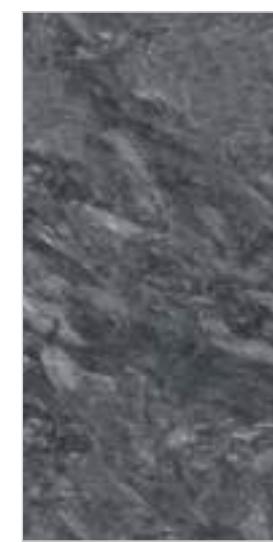
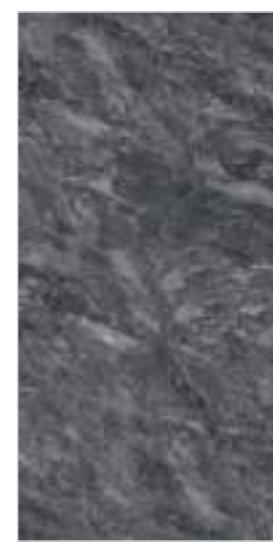


MERCURY GRAPHITE

1200x2400mm

SPS

Thickness : 9mm





MERCURY GRAPHITE

Used in wall and floor

Mercury Graphite emulates the cosmic allure of the planet Mercury, offering a dazzling visual experience that captivates the imagination.

It is crafted with a precision that mirrors the cosmic forces, sparkling with a polished finish that seems to capture the very essence of starlight, creating a spectacle that transcends the ordinary.



GALACTIC

1200x2400mm

SPS

Thickness : 9mm

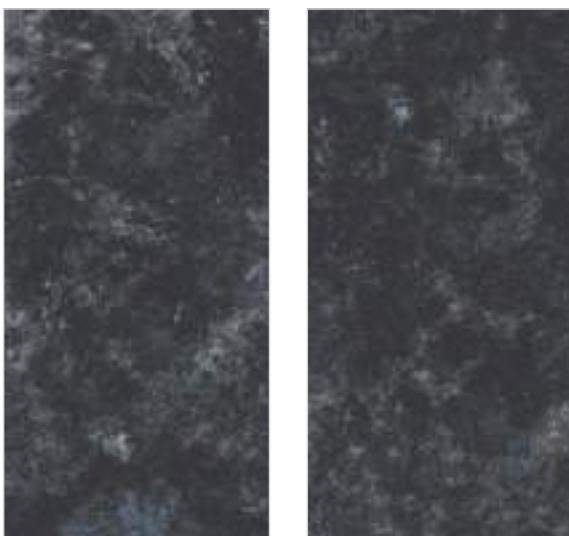


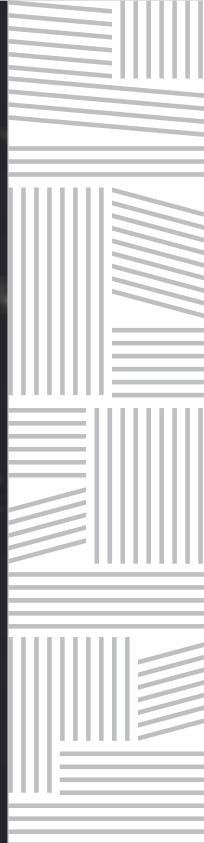
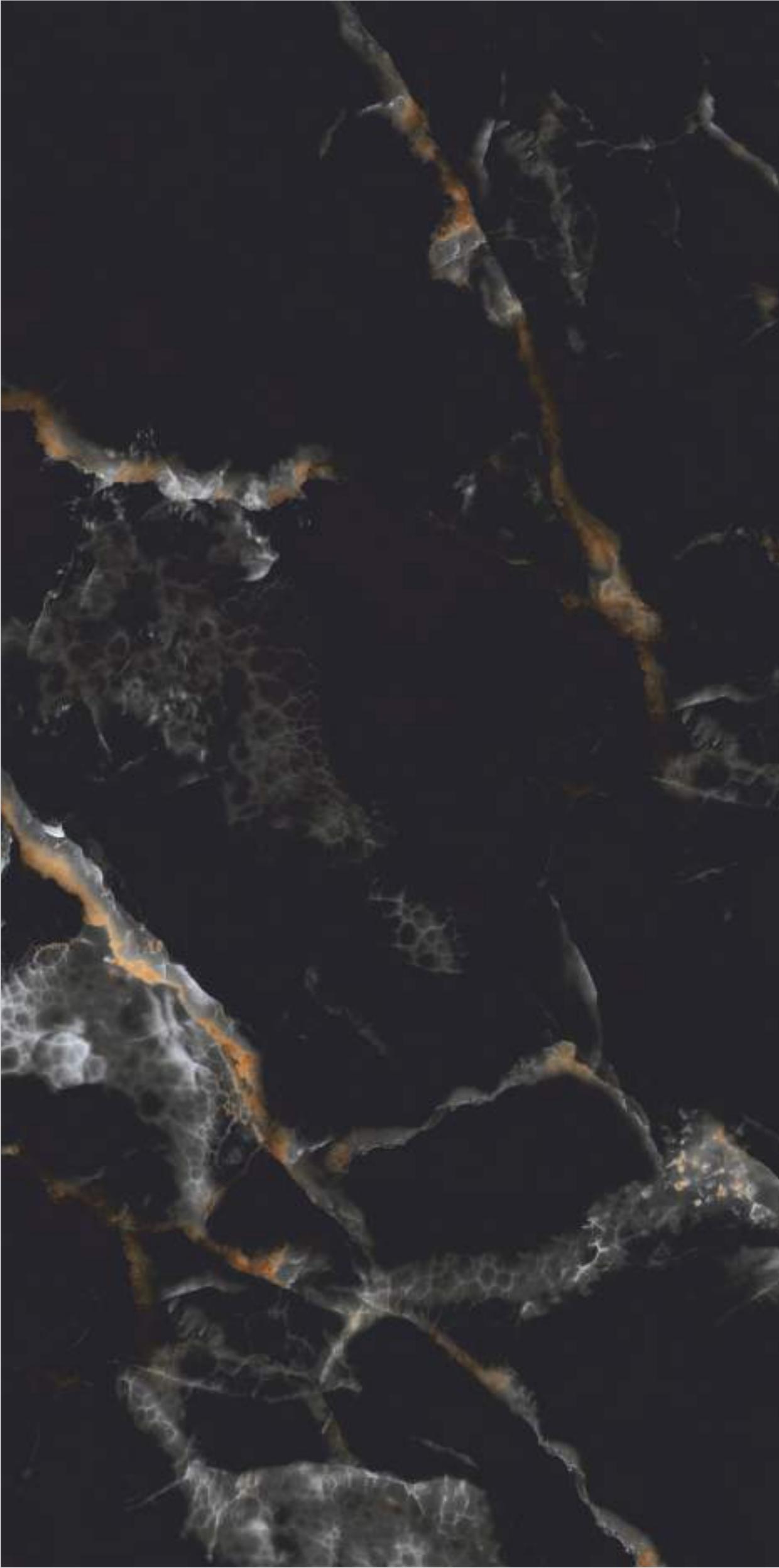
ANDROMEDA

1200x2400mm

SPS

Thickness : 9mm





LIOLI
ESTHETIC MARMORÉAL



NEBULA

1200x2400mm

SPS

Thickness : 9mm



CALISTO

1200x2400mm

SPS

Thickness : 9mm



COSMOS

1200x2400mm

SPS

Thickness : 9mm

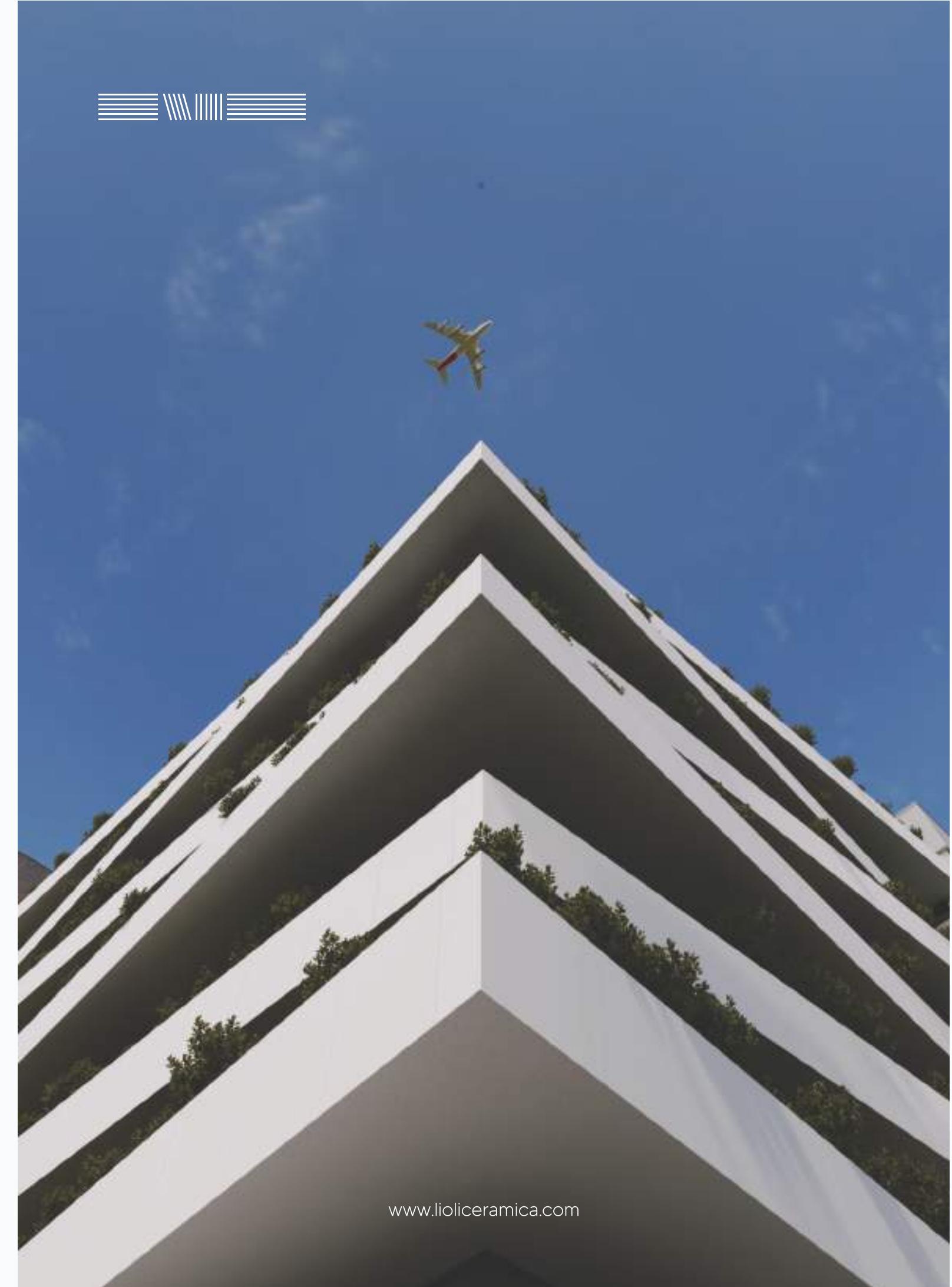


ESTERNA

C O L L E C T I O N

Crafted with meticulous attention to detail and a commitment to excellence, the ESTERNA Collection stands at the forefront of architectural evolution. Its fusion of cutting-edge technology and artistic ingenuity results in a range of facade slabs that transcend mere functionality to become true works of art. Inspired by the fluidity of nature and the dynamic interplay of light and shadow,

allowing architects to unleash their creativity without limits. Offering a versatile canvas for creativity and innovation. Whether you seek to evoke the tranquility of nature, the allure of heritage, or the excitement of urban living, there's a design to suit every style and preference.





EVEREST WHITE

1200x2400mm

RUSTIC MATT

Thickness : 6mm



CEMENTO BIANCO

1200x2400mm

RUSTIC MATT

Thickness : 6mm





EVEREST WHITE

Used in façade wall

Imparting a sense of timeless elegance and architectural refinement. Inspired by the purity and grandeur of snow-capped peaks, it features a crisp white hue that exudes.

A sense of serenity and sophistication. The pristine white color adds a touch of modernity and freshness to the façade, enhancing its curb appeal and visual impact.



LITHIC COIN

1200x2400mm

RUSTIC MATT

Thickness : 6mm

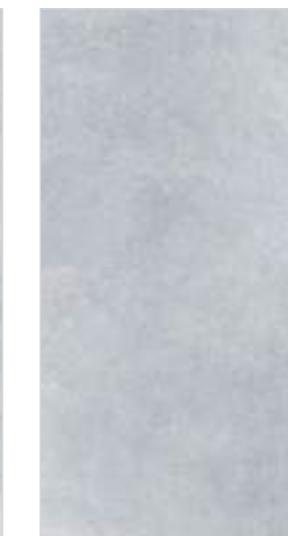


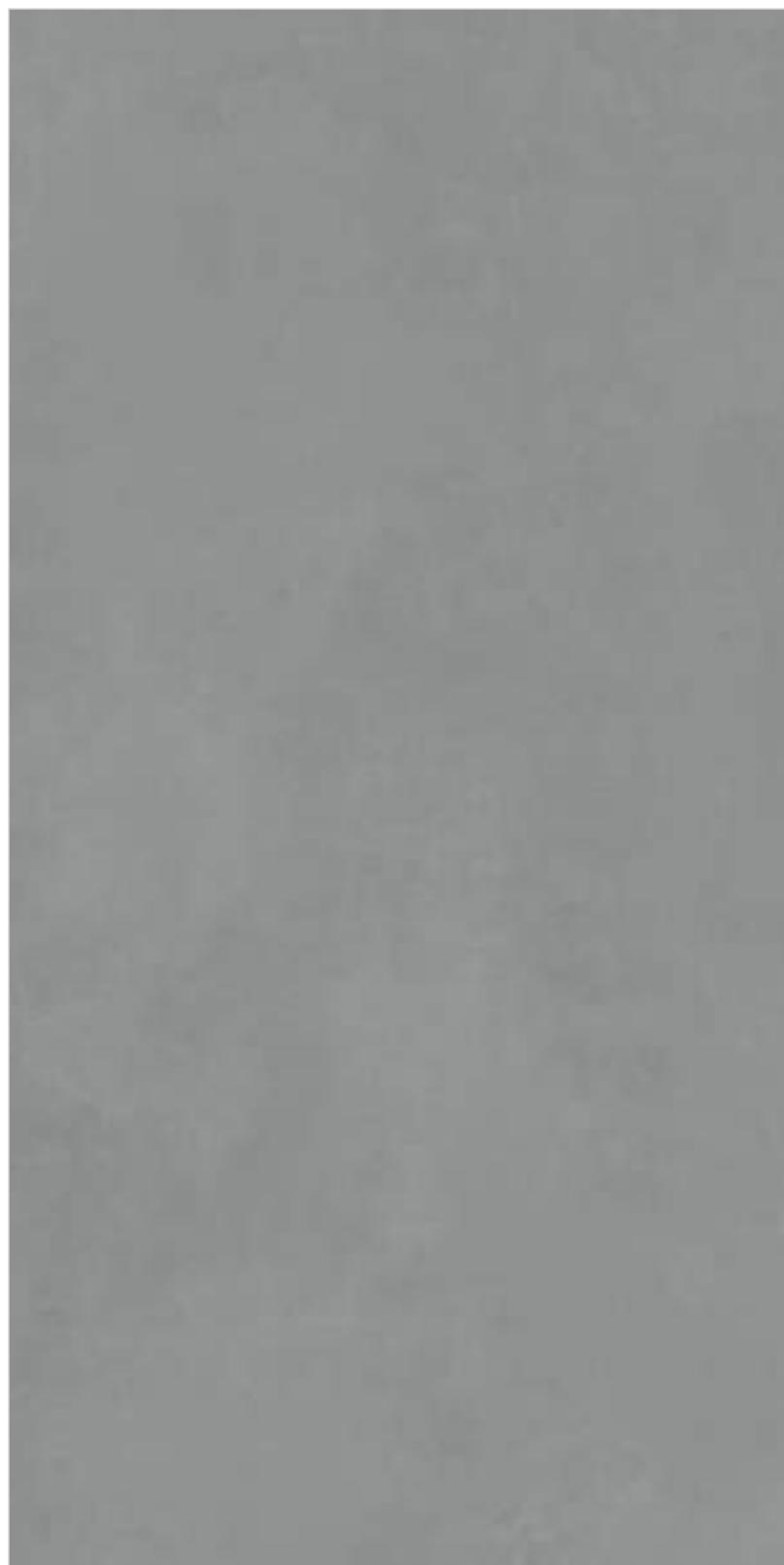
ARDESIA SILVER

1200x2400mm

STRUCTURE MATT

Thickness : 6mm



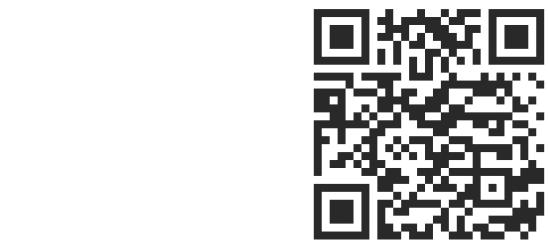


ECF COIN

1200x2400mm

RUSTIC MATT

Thickness : 6mm

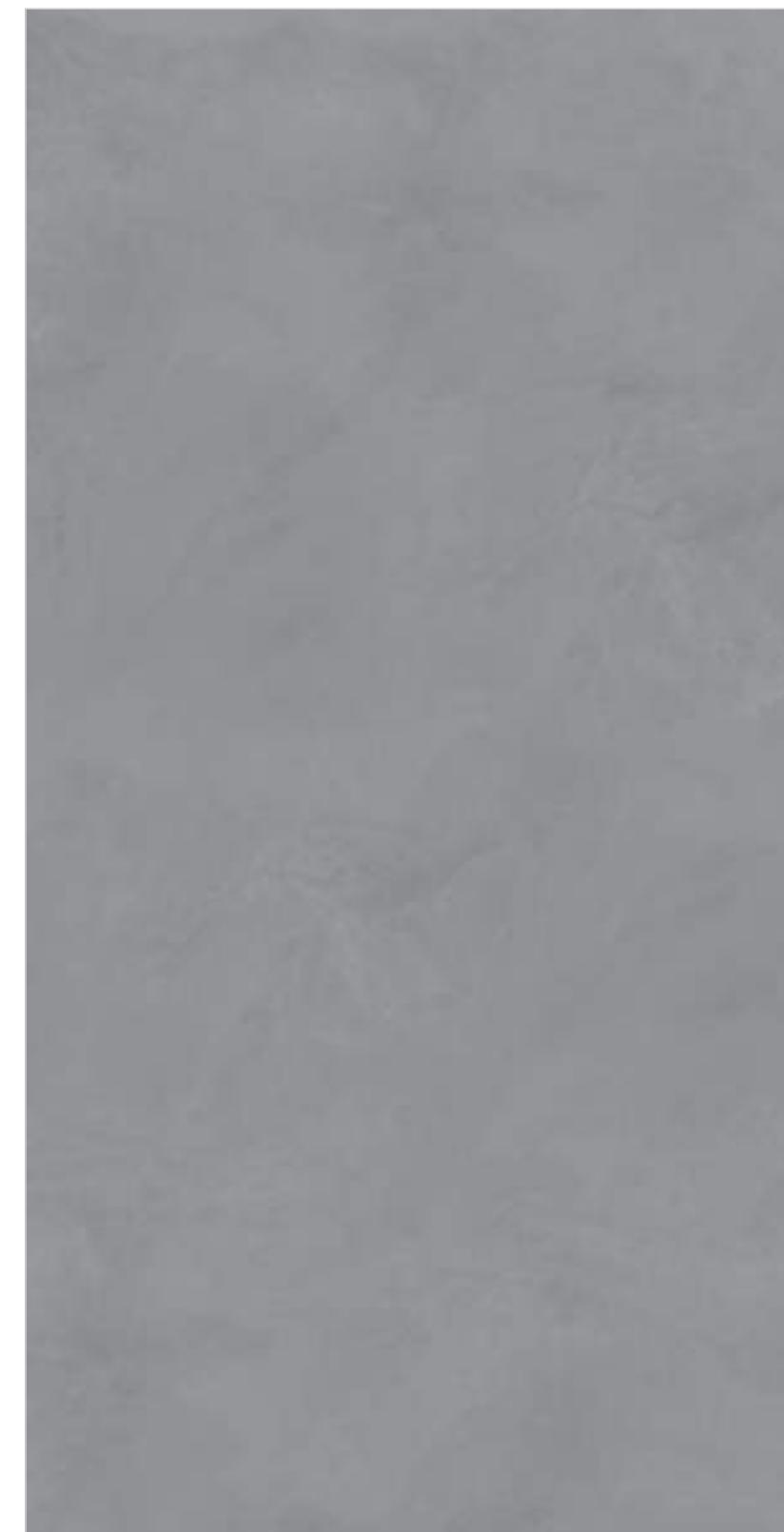


CEMENTO ANTRACITE

1200x2400mm

RUSTIC MATT

Thickness : 6mm



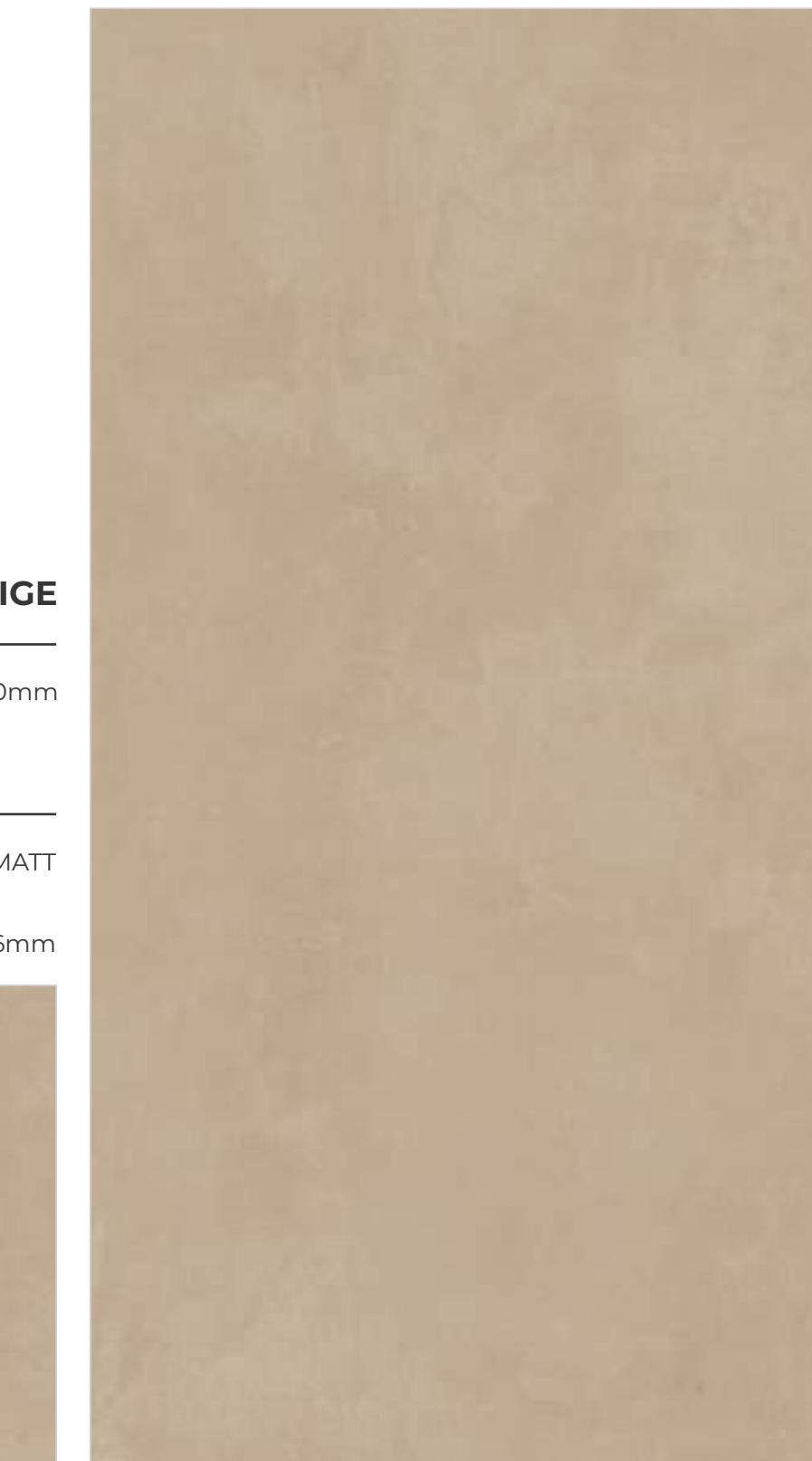


LITHIC NERO

1200x2400mm

RUSTIC MATT

Thickness : 6mm



ECF BEIGE

1200x2400mm

STRUCTURE MATT

Thickness : 6mm





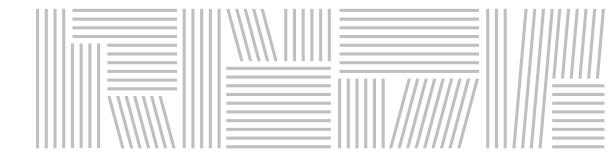
www.lioliceramica.com

ECF BEIGE

Used in façade wall

It offers a singular and innovative touch for revamping the exterior of residential homes. Embracing the raw essence of exposed concrete, ECF Beige introduces a warm beige hue, injecting a contemporary charm into outdoor spaces.

Transforming the residential façade into a canvas of contemporary elegance, it makes a definitive statement, reflecting the homeowner's distinctive taste and appreciation for innovative design.



CEMENTO BEIGE

1200x2400mm

RUSTIC MATT

Thickness : 6mm



TRAVERTEINE BEIGE

1200x2400mm

RUSTIC MATT

Thickness : 6mm





BLACK FOREST

1200x2400mm

STRUCTURE MATT

Thickness : 6mm



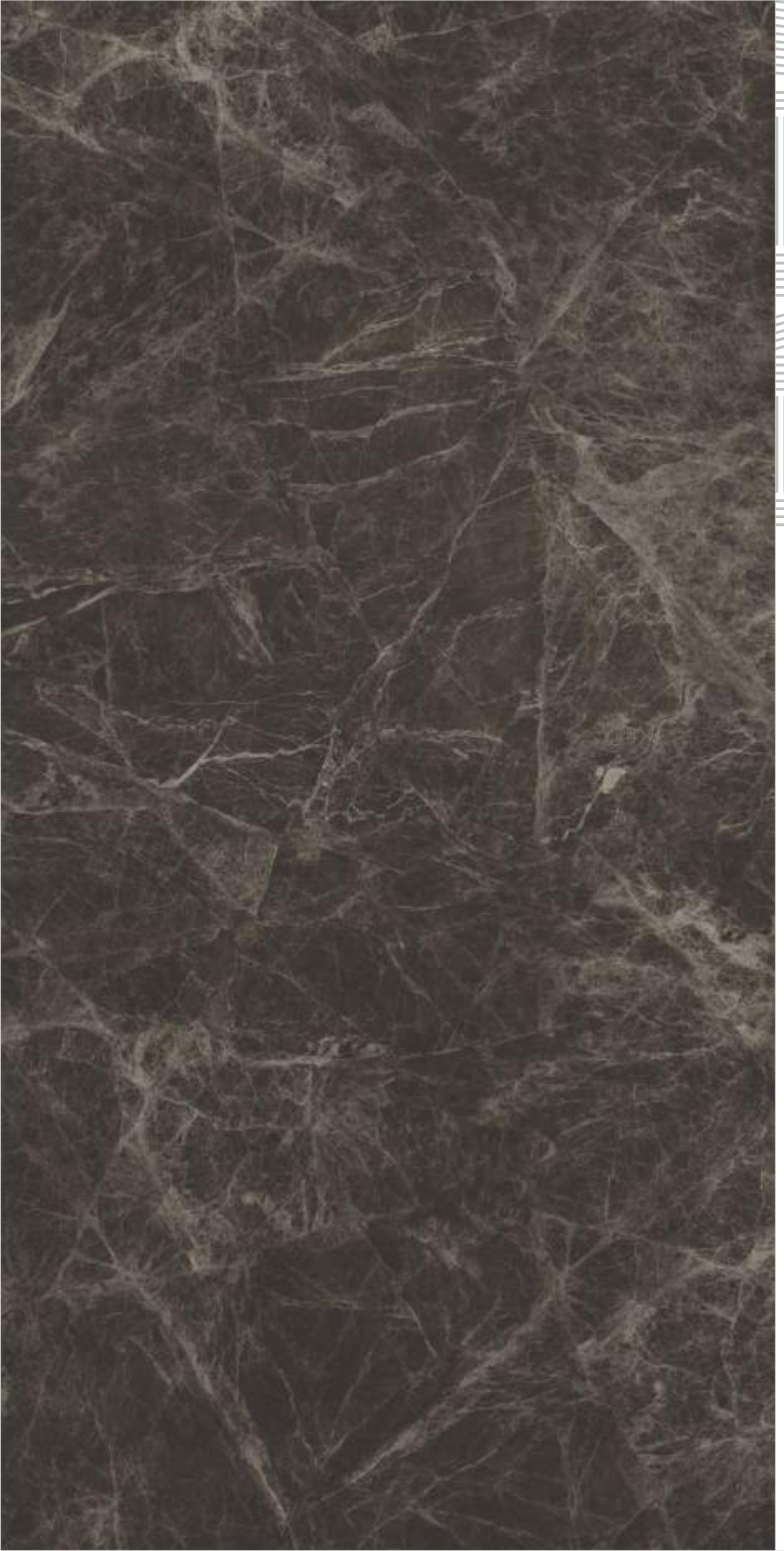
MEEK COAL

1200x2400mm

RUSTIC MATT

Thickness : 6mm





LIOU
ESTHETIC MARMORÉAL

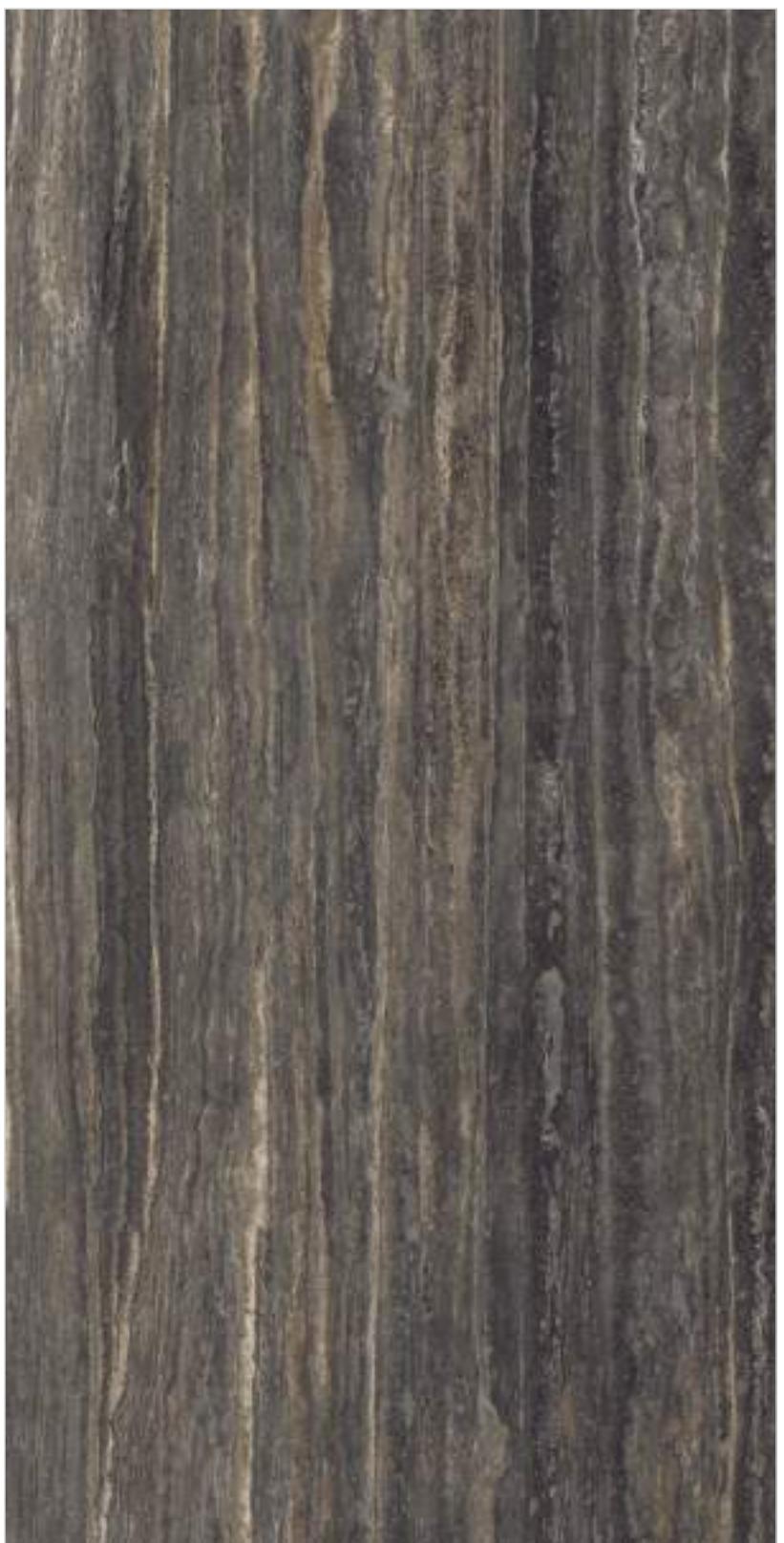


EMPERADOR

1200x2400mm

STRUCTURE MATT

Thickness : 6mm



BLACKGOLD TRAVERTINE

1200x2400mm

RUSTIC MATT

Thickness : 6mm



SF METALICA

1200x2400mm

STRUCTURE MATT

Thickness : 6mm

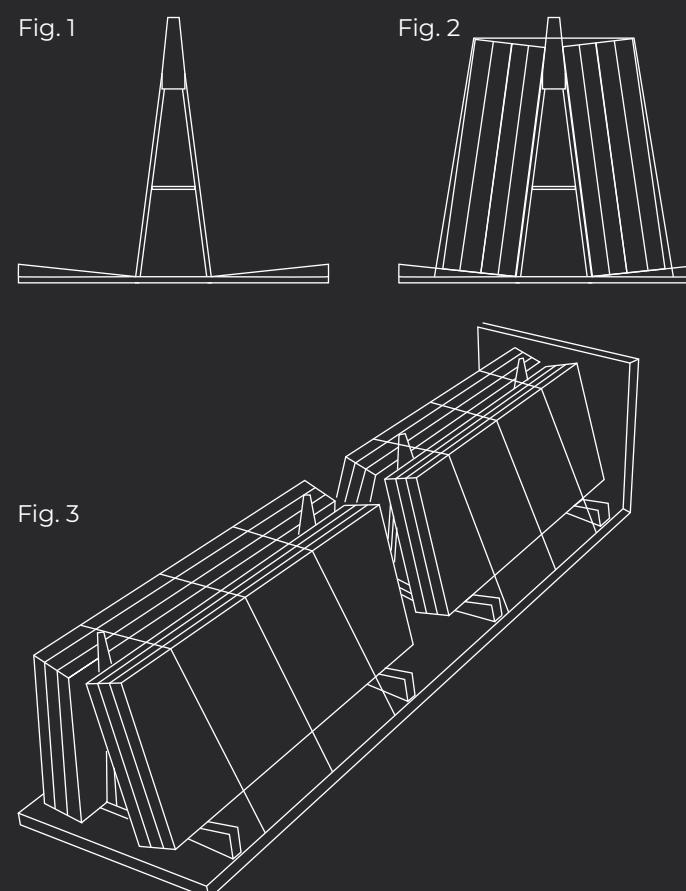


03.1 Transportation & Handling

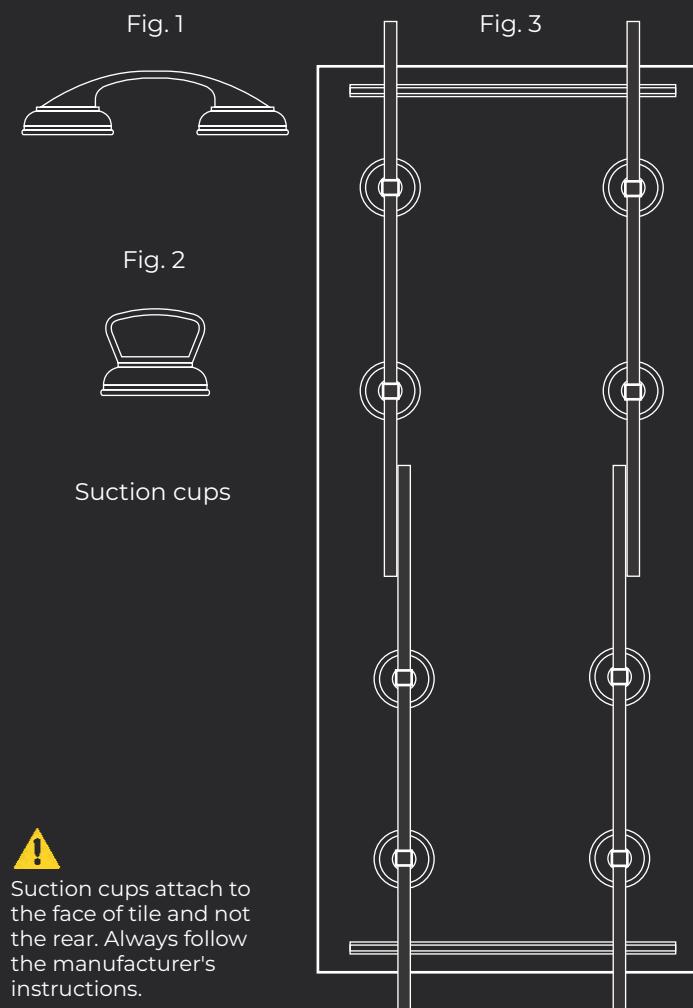
03.1.1 Transporting TechnoSLAB

Following is a common slab storage situation; it highlights problems that can result from improper securing. The cargo transport unit of TechnoSLAB is formed on two "A - shaped" frames, provided by us. (Fig. 1 & 2)

Research into regulatory guidance from other sources did not uncover any recommendations specifically concerning natural stone slabs and road transportation, but the Swedish National Road and Transport Research (VT I) Institute issued recommendations for the transportation of panels more than 15 years ago, which are illustrated in (Fig. 3)



03.1.2 Manually transporting a TechnoSLAB



Typical suction cups (Fig. 2) of different kinds are a prime aid, although a couple of workers will be needed to carry the tiles and these may still get deformed.

To allow the extraction of the slabs in a safe and easy way, it is recommended to position the pallets in a suitable area where the lift truck can be moved round all sides of the pallet.

In the case of tiles with a textured surface, soft rubber suction pads (Fig. 1) should be used to ensure a strong grip. Suction pads fixed to a lifting bar will make it easier to handle the products and prevent them from becoming deformed. By using two of these bars, all kind of operations can be performed by just two people.

However, the best solution is to use a rigid lifting frame (Fig. 3) with suction cups that grip the tile on all four sides.

The lifting frame can be designed to adapt to all tile formats, sizes or cut sections, keeping the tiles undamaged and allowing them to be handled by fewer people.

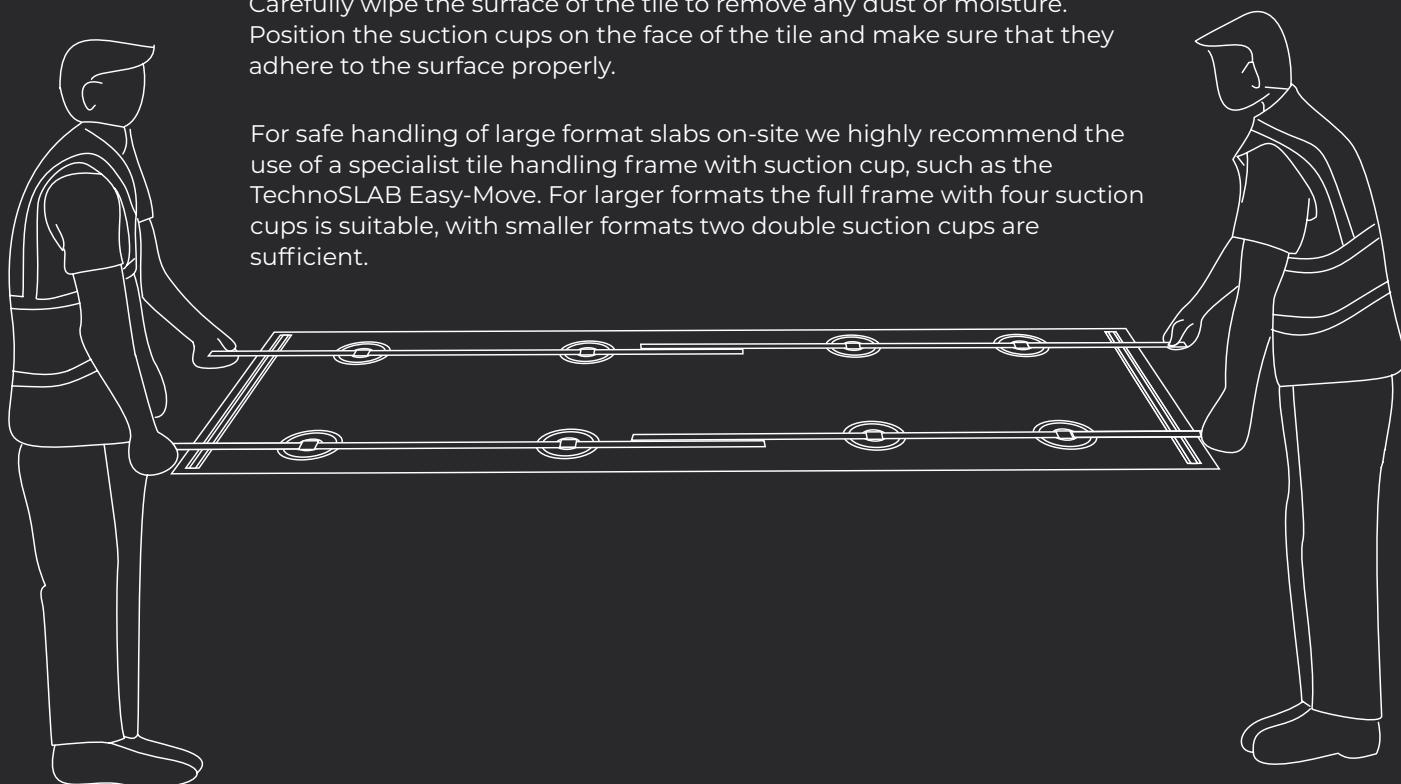
Possible operations

1. To remove the tiles from the box
2. To place them on the work table
3. To carry them anywhere on the work site
4. To spread cement-based adhesive on the underside
5. To help lay them

03.1.3 Manually transporting a TechnoSLAB

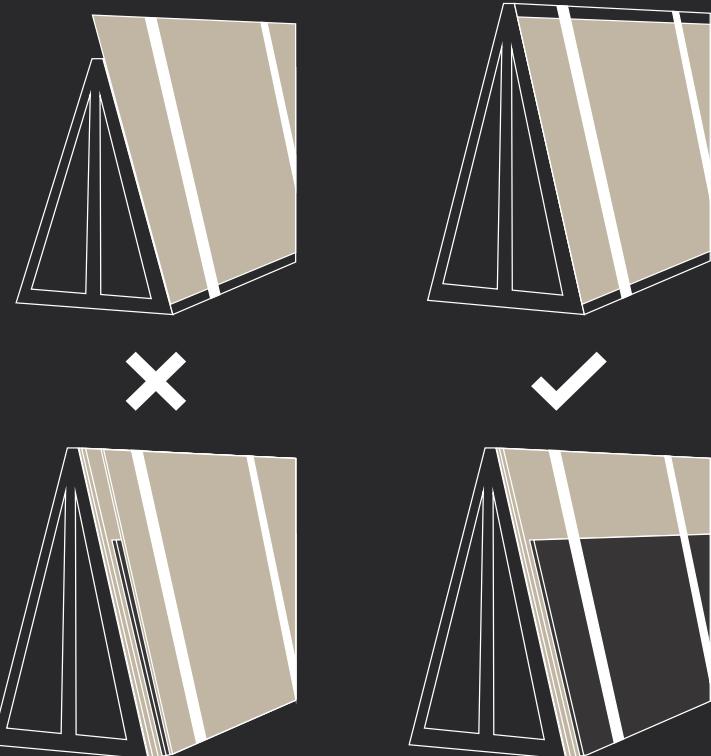
TechnoSLAB is extremely heavy and may have sharp edges. It is therefore necessary to wear protective gloves at all times. We recommend the use of single or double suction cups which help to ensure the integrity of the tile is maintained and the operators' safety is not compromised. Carefully wipe the surface of the tile to remove any dust or moisture. Position the suction cups on the face of the tile and make sure that they adhere to the surface properly.

For safe handling of large format slabs on-site we highly recommend the use of a specialist tile handling frame with suction cup, such as the TechnoSLAB Easy-Move. For larger formats the full frame with four suction cups is suitable, with smaller formats two double suction cups are sufficient.



03.2 Storage

The supports must be able to hold the entire surface of the part during transport. Too small supports may cause the part to break:



Avoid positioning large slabs against smaller slabs:

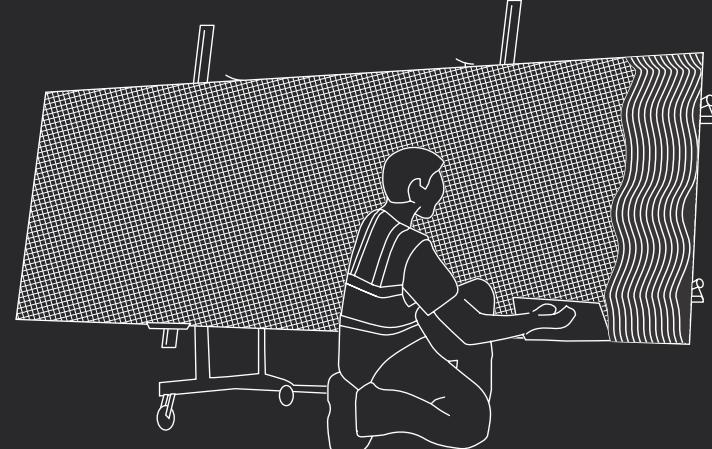
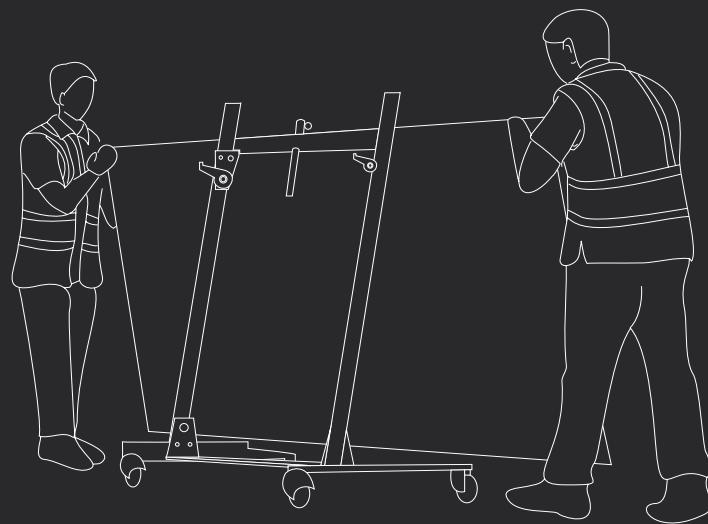
03.3 Laying & Fixing

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 TechnoSLAB 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 format TechnoSLAB within 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 TechnoSLAB. 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 TechnoSLAB with adhesive is ensured.

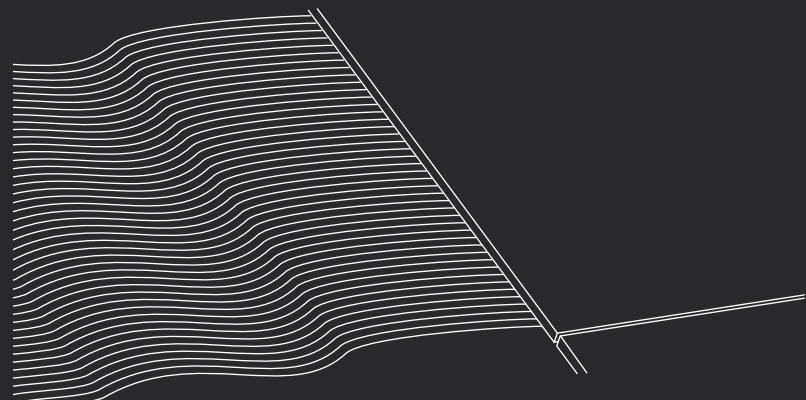
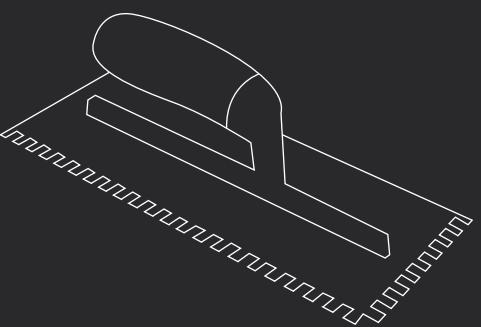


Large format TechnoSLAB always require back-buttering. Back-buttering describes the process of applying a layer of adhesive to the back of the tiles using a trowel.

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

Using the handling frame with suction cups, bring the slab into a vertical position and slowly lower it to horizontal. The TechnoSLAB 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 TechnoSLAB are even using a suitable box level. Levelling systems are available With 2mm 3mm and 5mm tile spacers.

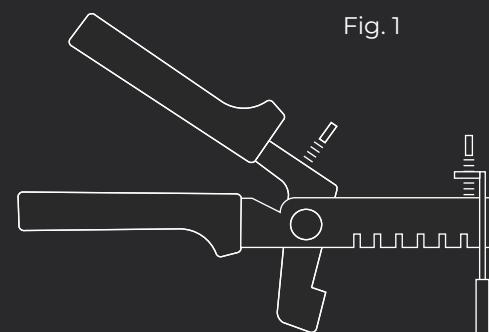
Periodically check the tiles backs to make sure there is full contact between the adhesive and tile. If not apply additional adhesive to the tile or use a troll with larger notches in your adhesive. As you are working wipe off excess mortar with a wet sponge.



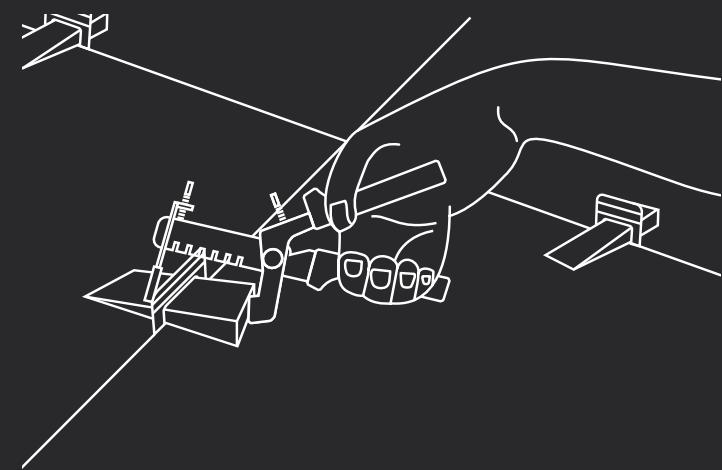
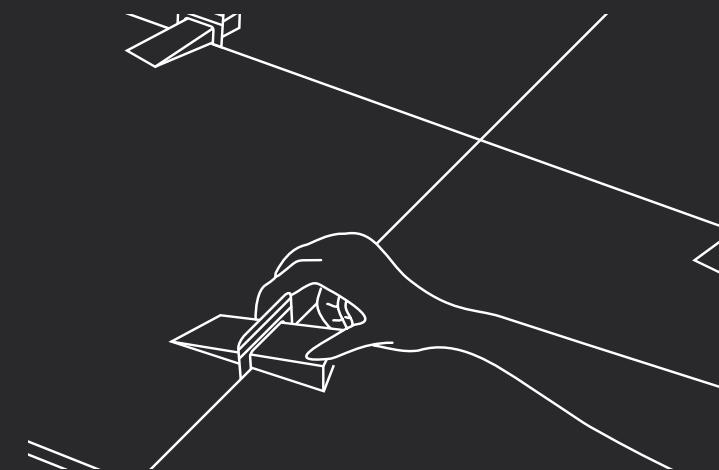
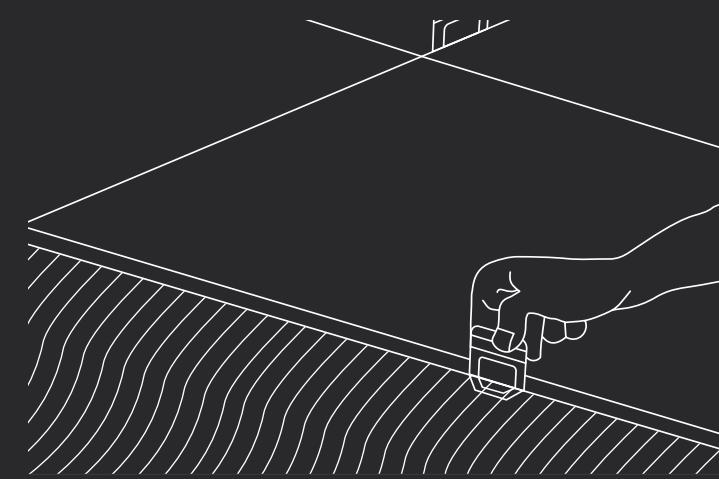
03.4 Levelling

Tile levelling systems are now commonly used. With large-format TechnoSLAB, they are absolutely essential. Given the size of the TechnoSLAB and their slimline thickness, unless a levelling system is used, it will result in lippage.

After the first TechnoSLAB has been laid and levelled, before proceeding to lay the second one, insert levelling clips below the first (Fig. 2). Then lay the next TechnoSLAB and tap it to ensure a firm bond. Next, adjust the level(Fig. 3) of both TechnoSLABs by pushing the wedges into place 5 with the levelling pliers (Fig. 1).



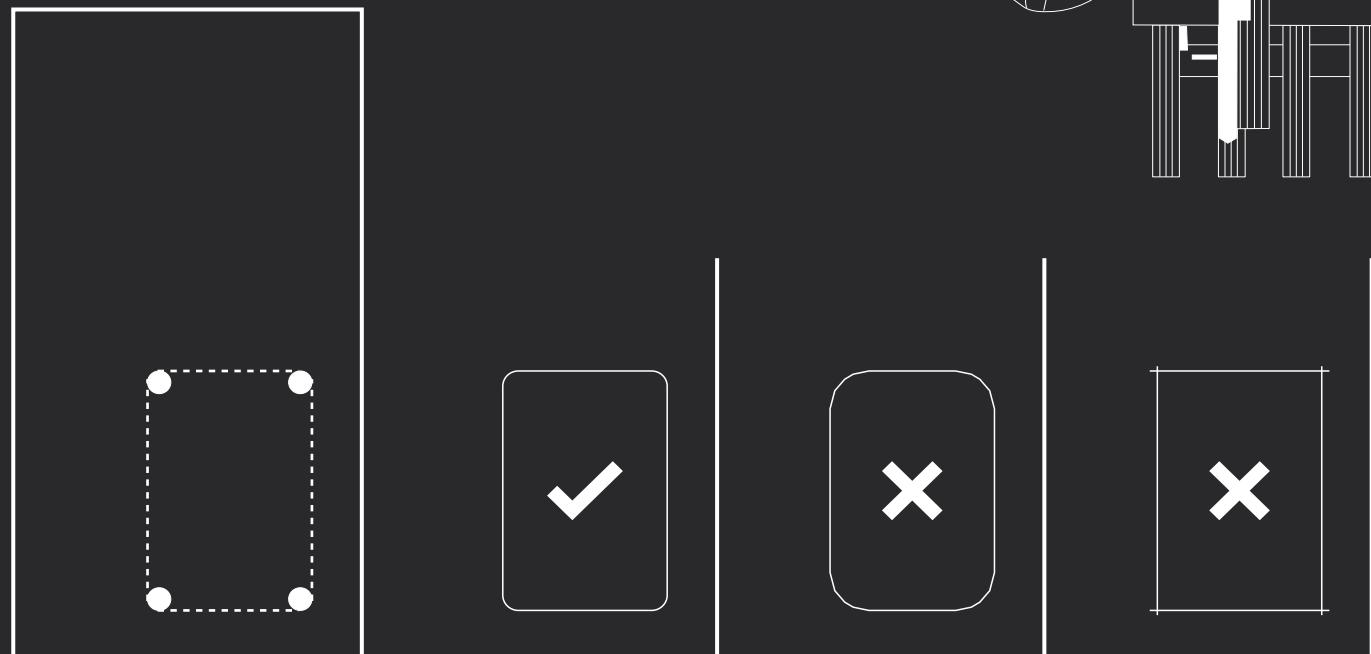
The contributing factors to what causes TechnoSLAB lippage are how much warpage the TechnoSLAB has, the width of the grout, how flat the substrate is, and the expertise of the tile installer. We recommend that lippage should not be greater than 2mm at the most for this type of installation.



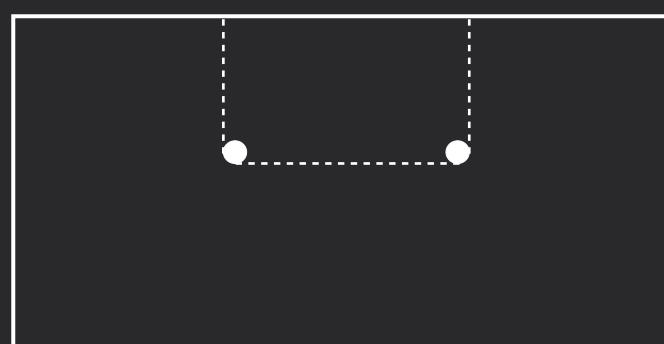
In order to ensure a uniform surface and produce a surface with acceptable lippage, make use a levelling system to avoid lippage and frequently check that your TechnoSLAB are even using a suitable box level. Levelling systems are available with 2mm, 3mm and 5mm tile spacers.

03.5 Cutting

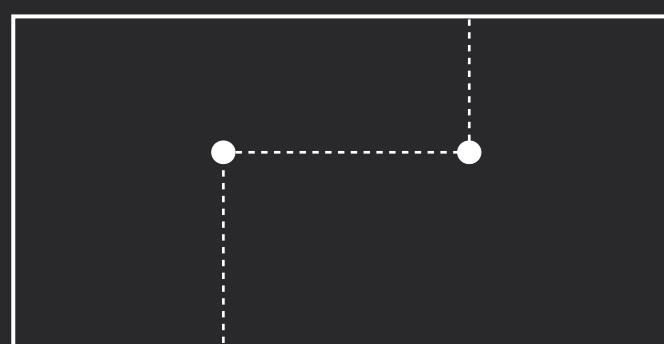
Mark the portion to be removed at the ends of the TechnoSLAB with a pencil. Position the cutting guide with cutting carriage so that the references on the guide coincide with the lines marked on the panels. Lock the cutting guide with the cutting carriage in place using the suction cups. To guarantee correct scoring, the pressure and movement of the cutting carriage must be constant along the whole length of the cut. Score one end of the panel by 15cm pushing the cutting carriage towards the edge of the panel. Complete the scoring up to the opposite end of the panel.



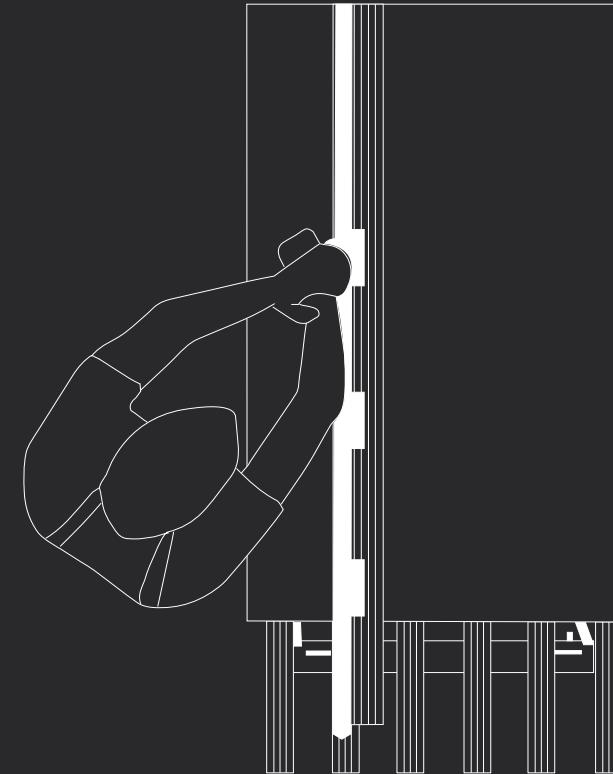
Prepare the holes on all inner corners, minimum 3mm bit diameter.



When cutting a "U" shaped piece, mark and drill relief holes where the cut lines intersect, always making the shortest cut first.

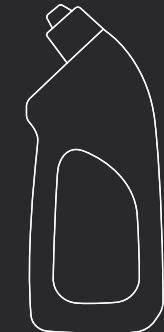


When cutting an "L" countertop, drill relief holes where the cut lines intersect, always making the shortest cut first.



03.6 Cleaning

03.6.1 Cleaning after laying



We suggest a good initial cleaning after the laying on the floor or wall, this is very important for removing residual grouting and the normal dirt coming from the building works.

We suggest the use of a cementitious descaler, that is a lightly acid product that doesn't emit fumes that are harmful for the user and that can attack joints. In case of material laid with epoxy or resinous grouting, we recommend to clean after laying with specific detergent.

03.6.2 Regular maintenance



For a good cleaning of the floor we suggest the use of a natural detergent with a high cleaning power. In case of strong dirty and encrusted by the time, we recommend to consult the following scheme to find the perfect solution to every situation

TYPE OF DIRT	PRODUCT
Cement, Kalkstein, metal tracer, rust	Cementitious descaler
Residuals, stains and halos of epoxi joints	Epoxi descaler
Grease, tire marks, colours, marker, etc.	Non soap degrease
Graffiti	Acetone and antigraffiti star

03.6.3 Recommendations

Drying process

Once the tiles have been grouted and any excess grout cleaned off, it is important to wait the stipulated time before using the tiled surface; in other words, any cleaning should wait until the tiled surface is completely dry. We recommend waiting 5 days before cleaning in readiness for full use.

Protection from liquid

The newly tiled surface must be protected from water and damp while the adhesive and grouting materials are maturing and hardening. This is particularly important in outside spaces and areas where there is a risk of freezing.

Damage prevention

Measures should also be taken to protect the newly tiled surface against mechanical or chemical damage resulting from subsequent work by other professionals or later installations. Damage can be prevented by covering the floor tiles with thick cardboard or similar material.

Cleaning products

For the final cleaning of the tiled surface, the products used should be compatible with the chemical resistance of the tiles. Avoid solid detergents with abrasive particles and solutions containing hydrofluoric acid, which attacks the glaze and causes irreversible damage to the ceramic tile.

03.7 Technical specification

CHARACTERISTIC	TEST METHOD	MEAN VALUE OF LIOLI	STD. AS PER ISO13006:2012/ EN14411 Gr.Bla	STD. AS PER IST5622:2017 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				
	ISO 10545-2 & IS 13630-3	≤ 0.50 0/0	≤ 0.50 %	≤ 0.80 %
	DIN51082 & IS 13630-3	> 2.28 gm/cc	> 2.00 g/cc	Min. 2.20 g/cc
Massive Mechanical Properties				
	ISO 10545-4 & IS 13630-6	Min. 37.0 N/mm²	Min. 35.0 N/mm²	Min. 35.0 N/mm²
	ISO 10545-4 & IS 13630-6	Min. 1000.0 N	Min. 700.0 N	Min. 700.0 N
	ISO 10545-4 & IS 13630-6	Min. 1600.0 N	Min. 1300.0 N	Min. 1100.0 N
Surface Mechanical Properties				
	EN 101 & IS 13630-13	Min. 4**	Min. 4	Min. 5
	ISO 10545-7 & IS 13630-11	Min. Class 2	As per Mfg.	Min. Class II
	ISO 10545-7 & IS 13630-11	Min. Class 3	As per Mfg.	Min. Class II
Thermal Hydrometric Properties				
	ISO 10545-10 & IS 13630-3	NIL	Max. 0.06	Max. 0.02
	ISO 10545-8 & IS 13630-4	Max. 6.0 x 10⁻⁶	As per Mfg.	Max. 7.0 x 10⁻⁶
	ISO 10545-9 & IS 13630-5	Min. 10 Cycle	Min. 10 Cycle	Min. 10 Cycle
	ISO 10545-11 & IS 13630-9	Min. 6 Cycle	As per Mfg.	Min. 4 Cycle
	ISO 10545-5 & IS 13630-14	Min. 0.55	As per Mfg.	Min. 0.55
	ISO 10545-12 & IS 13630-10	Frost Proof	As per Mfg.	As per Mfg.
Chemical Properties				
	ISO 10545-14 & IS 13630-8	Min. Class 4/ Min. Class I	Min. Class 3	Min. Class I
	ISO 10545-13 & IS 13630-8	Min. Class GA/ Min. Class AA	Min. Class GB	Min. Class AA
	ISO 10545-13 & IS 13630-8	Min. Class GLB**** / Min. Class A ****	As per Mfg.	As per Mfg.
Safety Properties				
	ISO 10545-17	> 0.40	As per Mfg.	As per Mfg.
	ISO 10545-17	N.A.	As per Mfg.	As per Mfg.
	ISO 10545-15	Dose not yield Pb & Cd	As per Mfg.	N.A.
	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 & its compound

03.8 Container packing details

Size	Thickness	Weight /Slab	No. of Bundles or A-frames	Total Slabs or Box	Slabs / Container	sq mtr / Container	Weight/Container	Size of Container
** 3200x1600mm	6mm	73.5 kg	7	40 slabs	280	1433.60	21.5 t	20 ft
## 3200x1600mm	6mm	73.5 kg	3	40 slabs	120	614.40	9.82 t	20 ft
## 3200x1600mm	6mm	73.5 kg	9	40 slabs	360	1843.20	27.6 t	40 ft
** 3200x1600mm	9mm	110.0 kg	7	26 slabs	182	931.84	20.2 t	20 ft
## 3200x1600mm	9mm	110.0 kg	9	26 slabs	234	1198.08	25.7 t	40 ft
** 3200x1600mm	12mm	147.0 kg	7	20 slabs	140	716.80	21.5 t	20 ft
## 3200x1600mm	12mm	147.0 kg	3	20 slabs	60	307.20	9.8 t	20 ft
## 3200x1600mm	12mm	147.0 kg	9	20 slabs	180	921.60	27.4 t	40 ft
* + # 2400x1200mm	6mm	41.5 kg	8' + 4"	56* + 24"	544	1566.72	23.0 t	20 ft
## 2400x1200mm	6mm	41.5 kg	4	40 box	320	921.60	14.0 t	20 ft
# 2400x1200mm	6mm	41.5 kg	12	24 slabs	288	829.40	13.1 t	20 ft
* 2400x1200mm	6mm	41.5 kg	11* + 1*	56* + 24*	640	1843.20	27.0 t	40 ft
## 2400x1200mm	6mm	41.5 kg	8	80 slabs	640	1843.20	27.0 t	40 ft
# 2400x1200mm	6mm	41.5 kg	24	24 slabs	576	1658.90	26.3 t	40 ft
* + # 2400x1200mm	9mm	62 kg	8* + 4"	34* + 16"	336	967.68	21.4 t	20 ft
## 2400x1200mm	9mm	62 kg	4	50 box	200	576.00	12.8 t	20 ft
# 2400x1200mm	9mm	62 kg	12	16 slabs	192	552.90	13.1 t	20 ft
* 2400x1200mm	9mm	62 kg	12* + 1*	34* + 12* box	420	1209.6	26.5 t	40 ft
## 2400x1200mm	9mm	62 kg	8	50 box	400	1152.00	25.4 t	40 ft
# 2400x1200mm	9mm	62 kg	24	16 slabs	384	1105.90	26.2 t	40 ft
## 1600x1600mm	9mm	55 kg	6	48 slabs	288	737.28	17.0 t	20 ft
## 1600x1600mm	9mm	55 kg	11	48 slabs	528	1351.68	27.2 t	40 ft
* + # 1200x1200mm	9mm	62 kg	13* + 4"	26* + 21"	422	1215.36	27.0 t	20 ft
# 1200x1200mm	9mm	62 kg	17	26 slabs	422	1215.36	27.0 t	40 ft

** = Bundle I * = Vertical Pallet I ## = A-Frame I # = Horizontal Crate

Note:

1. Horizontal Crates: Slabs will be available without box packing for horizontal crates.

2. 3200x1600mm: will be available without box packing only.

3. 2400x1200mm: 6mm thickness slabs available in 2 pcs box packing & 9mm thickness slabs available in 1 pcs box packing.

4. 1600x1600mm: 9mm thickness slabs available in 1 pcs box packing.

5. 1200x1200mm: 9mm thickness slabs available in 2 pcs box packing.

Quality accreditations



Note

Note

LIO LI

By

 caesarstone®