







Our Vision:

To exceed Client's dreams and market expectations.

Our Mission:

To be an icon in tiles creativity and build excellence.

Our Values:

Uniqueness, Excellence, Innovation, Functionality, Teamwork, Professionalism.





Elevating Standards, Crafting Excellence

In an epoch where global standards benchmark quality, Aximer endeavors to transcend. Anchored by our avant-garde quality control lab, each ceramic piece evolves into a paragon of perfection. Our alliance with the standards organization amplifies our commitment. At Aximer, we don't chase standards; we generate them.



CE marking is an administrative marking that indicates conformity with health, safety, and environmental protection standards for products sold within the European Economic Area.



Modena Centro Prove s.r.l. è un laboratorio di prova che opera nel settore delle analisi chimiche e dei servizi tecnologici.



Laboratorio Cerámico Sebastián Carpi was the first national laboratory tests to be created for the evaluation of the quality of ceramic tiles.



European standard that defines terms and specifications of ceramic tiles



ISO 900

ISO 9001 is the international standard for quality management system





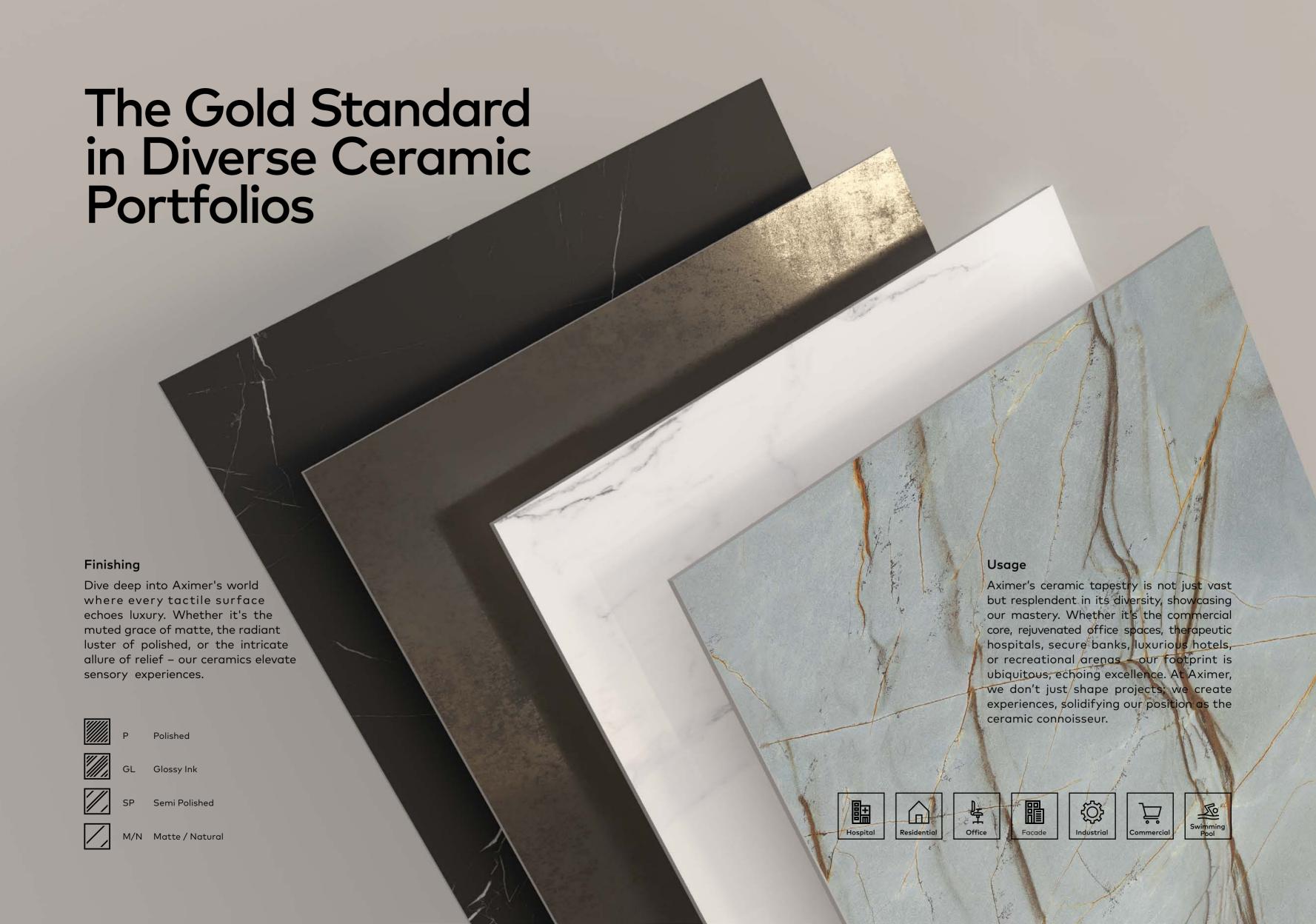


120x280 cm 120x240 cm 120x120 cm 100x100 cm

Variety of Sizes

To Create an Architectural Dream

Aximer celebrates the uniqueness of every architectural narrative. Our porcelain ceramics span a breathtaking spectrum of sizes, ensuring every design ambition materializes. With Aximer, embrace boundless possibilities.



General Index

Products		20x120 cm	60x120 cm	80x160 cm	100x100 cm	120x120 cm	120x240 cm	120x280 cm	160x320 cm	60x60 cm
Marble Effect	24									
Exotic	27							✓		
Onyx Avorio	31		✓					✓		
Onice	34		✓							
Pacific	40		✓					✓		
Blue Roma	45		✓	✓				✓	✓	
Euphoria Gold	49		✓					✓		
Marmi White	54		✓							
Splendor	61		✓							
Labradorite	66		✓							
Angelite	74		✓							
Volcano Marble	81		✓							
Ocean Blue	87							✓		
Perla Venata	90							✓		
Miracle Green	94							✓		
Vena Vecchia	98							✓		
Aurora	102							✓		
Polaris	106			√				✓	✓	
Mystic Black	111							✓		
Invisible Gold	114							✓		
Atlantis Black	118							√		
Fantastic Grey	123							√		
Panda	127							√		
Liquid Marble	131							✓		
Grace	134					√		✓		
Pantheon Marble	138		✓	✓	✓			✓		
Calacatta Gold	143		✓	✓	✓	✓	✓	✓		
Elegant Blue	149			✓				✓		
Golden Black	153		✓							
Saint Laurent	156			✓			✓	✓	✓	
Statuario Extra	161		✓					✓		
Nero Marquina	166		✓	✓			✓	✓	✓	
Elegant Grey	171							✓		
Calacatta Silva	174		✓	√	~	✓	✓	~	✓	

Products		20x120 cm	60x120 cm	80x160 cm	100x100 cm	120x120 cm	120x240 cm	120x280 cm	160x320 cm	60x60 cm
Diamond	178		✓			√				
Pietra Grey	182		✓							
Cement Effect	186									
Natural Concrete	189		✓	✓	✓	✓	✓	✓	✓	✓
Level	219		✓							
Beton Art	227		✓							
Deep Effect	231									
Mountain	233							✓		
Metal Wind	241							✓		
Marquina Wind	244							✓		
Stone Effect	248									
Travertino	250							✓		
Native	255		✓					✓		
Stonetech	258		✓							
Riven Slate	262							✓		✓
Lithos	267		✓							
Monocolor Effect	270									
Monocolor Night	273		✓							
Metal Effect	276									
Oxide	278							✓		
Metallic Blue	283			✓						
Reflection	287		✓							
Wood Effect	292									
Maxiwood	294	✓								

Technical Information 299

Use And Maintenance303

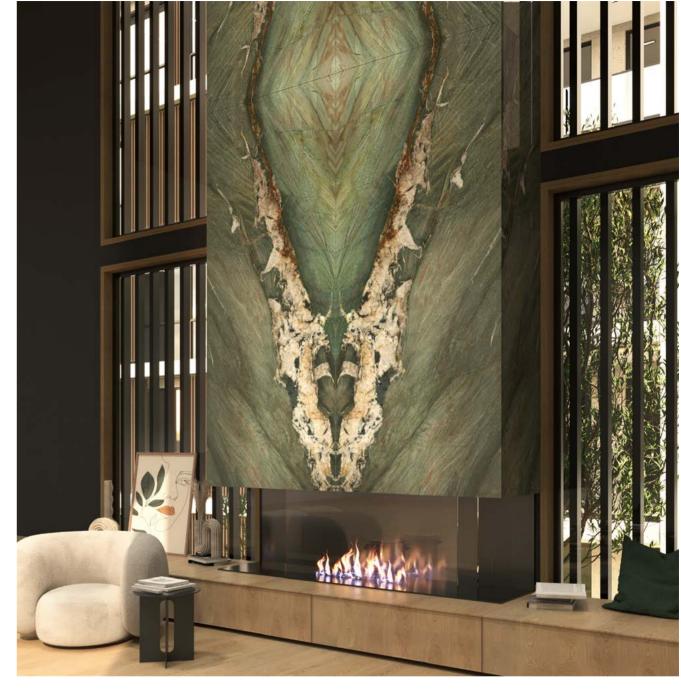
Packing 304

Technical Details 305

PRODUCTS

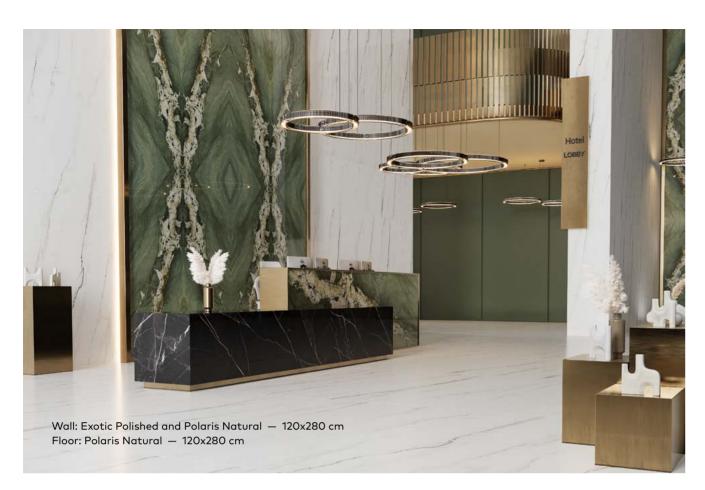






Exotic

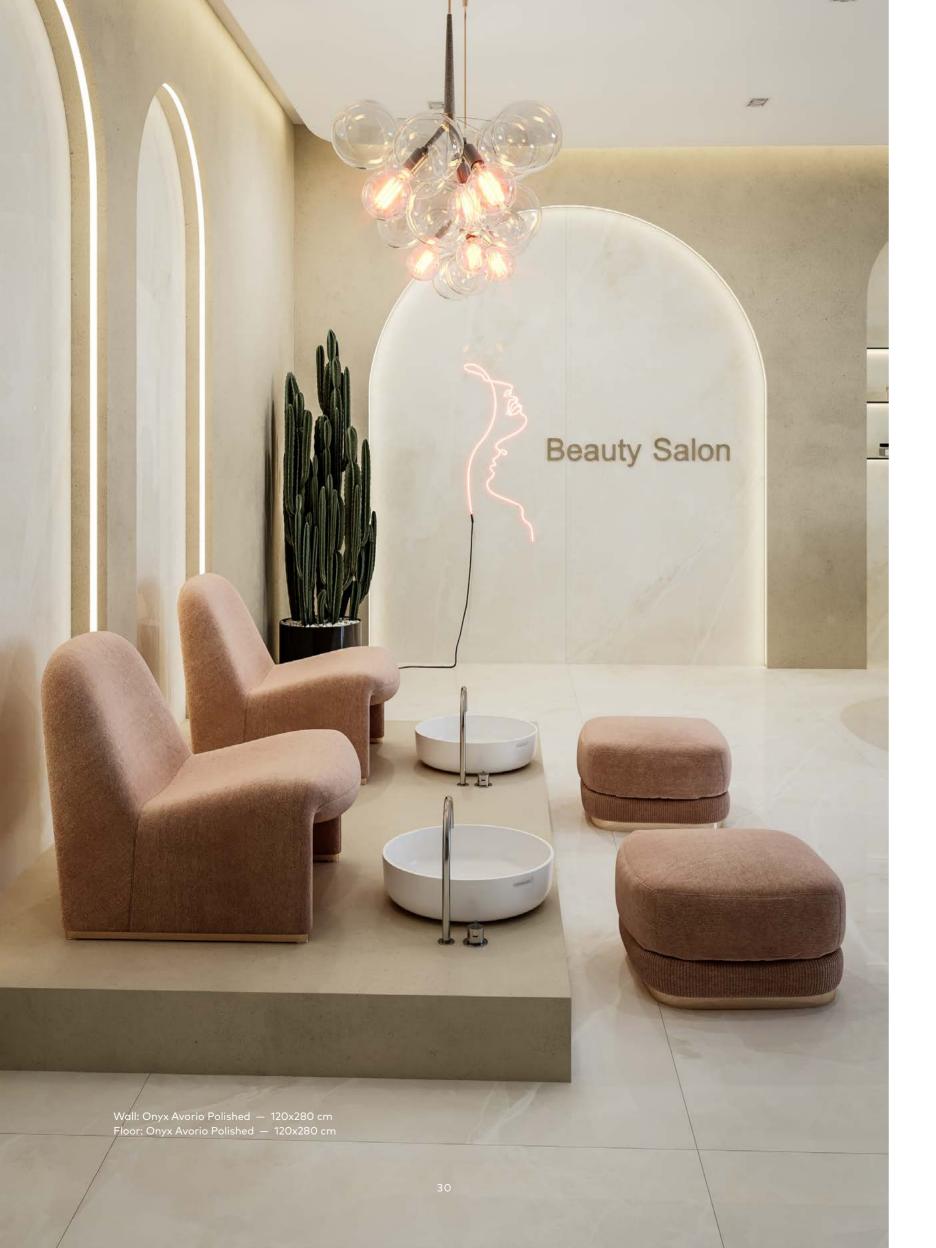
Exotic is inspired by the Brazilian Patagonia Green Quartzite which is an exquisite natural stone. This luxurious exotic quartz unveils a mixture of vibrant color palettes and impressive lush greens, adorned with bold veining that intertwines to create an intense canvas enriched with earthy shades of amber and gold. Step into the realm of luxury with Exotic and its stunning bookmatch pattern.











Onyx Avorio

Onyx Avorio is a unique and very elegant marble with a wonderful selection of white and gold hues a long with distinctive veining on an ivory background have been carefully drawn together to create a cloudy, transparent effects and natural texture which draws the eye and exudes a dignified personality. The simple beauty of neutral marble tones and milky veining create the essence of pairing with a wide variety of styles and evoking an exquisite three-dimensional impression.







Onyx Avorio Available other sizes upon demand. For more detail please contact sales department.



33

60x120 cm IMF2305R-P Polished | 8 Faces Thickness: 9 mm







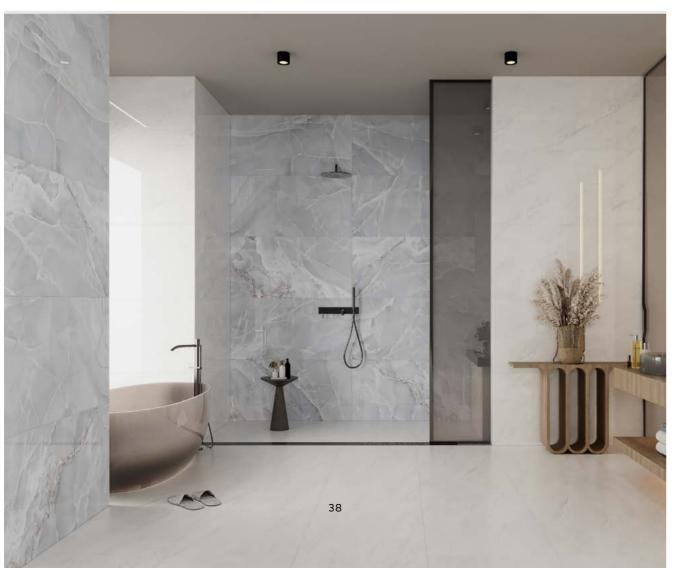






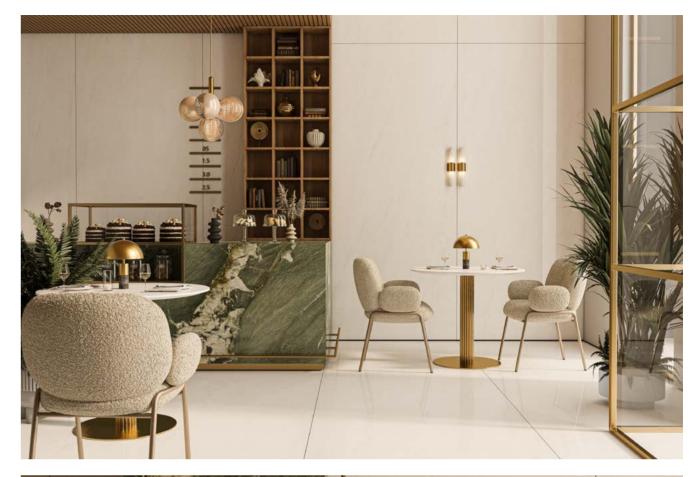




















120x280 cm IM2300L-N Natural | 5 Faces Thickness: 9.5mm IM2300L-P Polished | 5 Faces Thickness: 9.5mm

> 60x120 cm IM2300R-M Matte | 10 Faces Thickness: 9mm IM2300R-P Polished | 10 Faces Thickness: 9mm





Blue Roma

Blue Roma is another quartzite treasure from northeast Brazil. Its spectacular blueish-grey background with criss-crossed and graceful copper veins represents an enriched surface. The complemented contrast of the vein and background depicts an avant-garde style in your spaces. With the amazing essence of the Blue Roma texture, which represents a vibrant blue and copper mixture, you will experience a luxurious and elegance.





Wall: Blue Roma Polished — 120x280 cm Floor: Maxiwood Walnut Relief — 20x120 cm







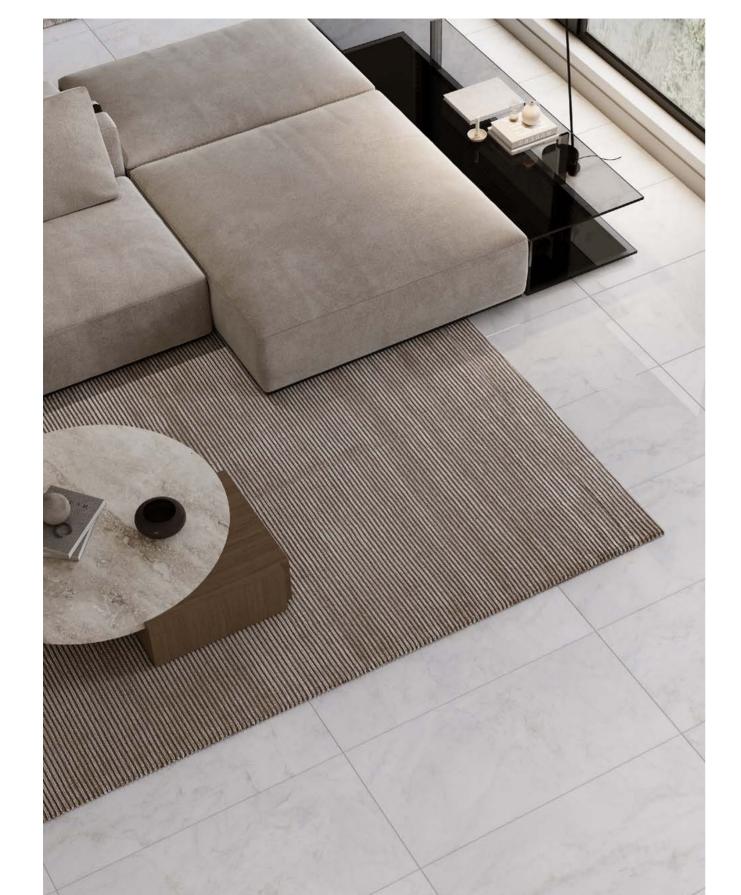
Euphoria Gold

Euphoria is exuding luxury and calmness. Its elegant white background with subtle, warm veining creates a refined look. The soft timeless pattern of Euphoria in addition with white background is popular in a wide range of interior design styles.



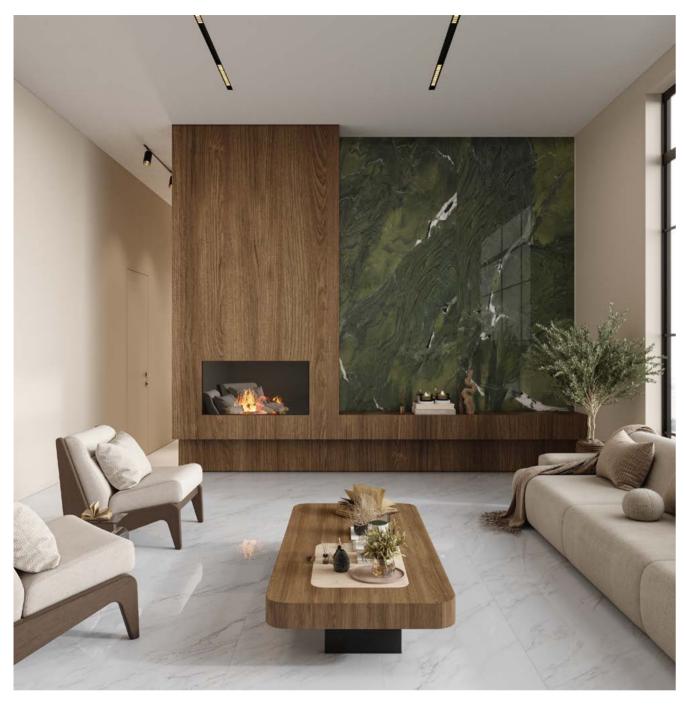








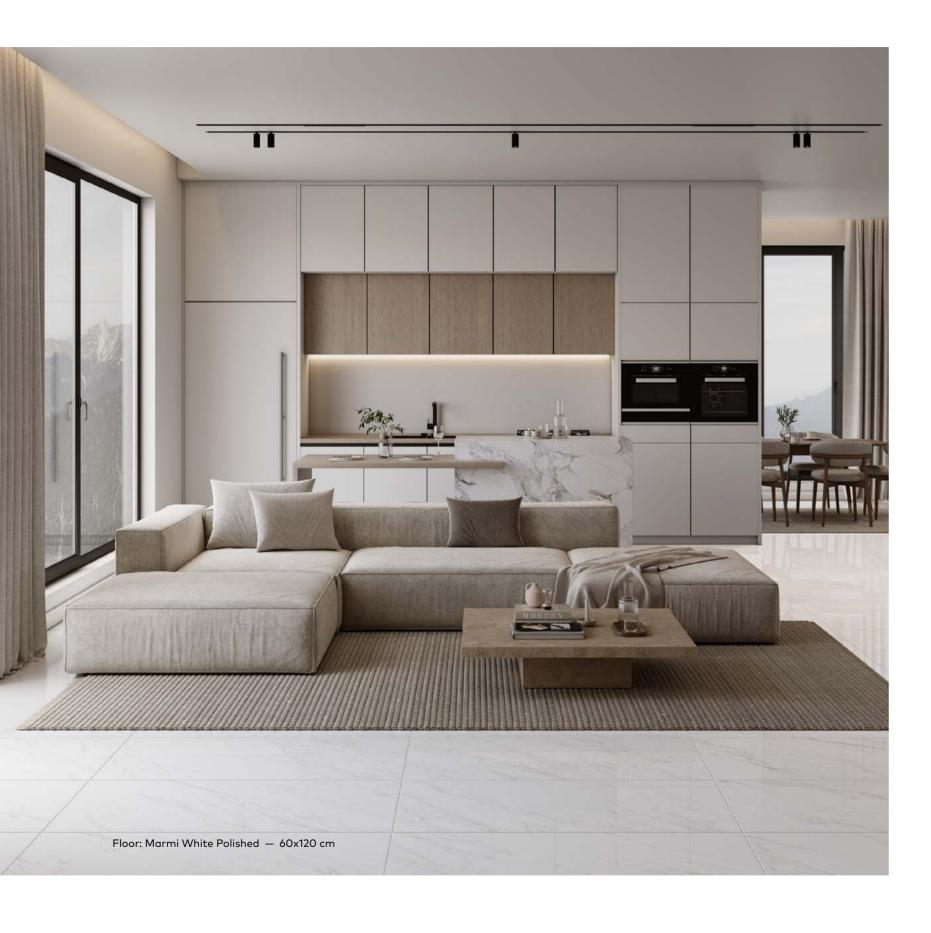


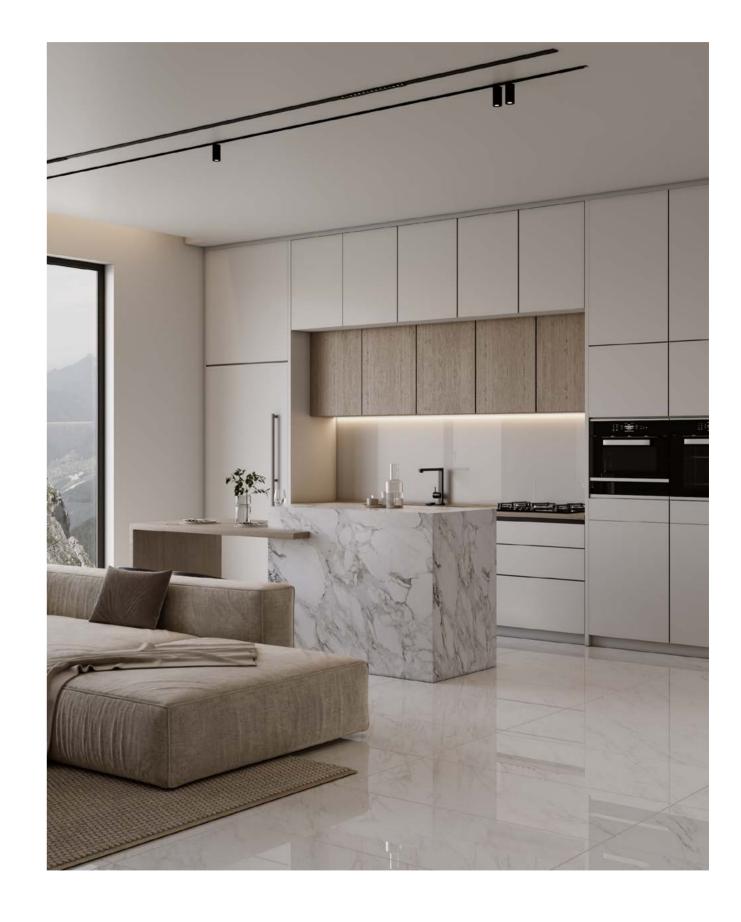


Marmi White

Marmi captures the timeless beauty of classic marble with a pristine white background and subtle grey veining. Its polished surface enhances elegance and luminosity. It's impossible to ignore the capabilities of Marmi in uplifting the quality of interior style. The white surface is ornamented with delicate gray and black veins, just as it should be: simple yet noble.









Floor: Marmi White Polished — 60x120 cm

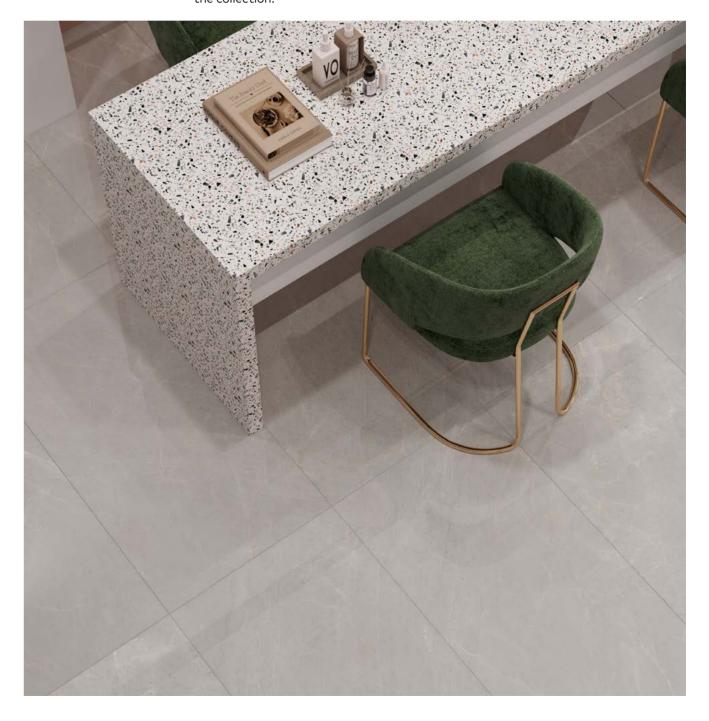






Splendor

Polished surface of Splendor enhances its rich colors and intricate details, adding depth and sophistication. Durable and easy to maintain, Splendor suits various applications, from residential to commercial projects. The gray tone with golden veins complements different styles, while transforming any space by bringing luxury and refinement to the collection.













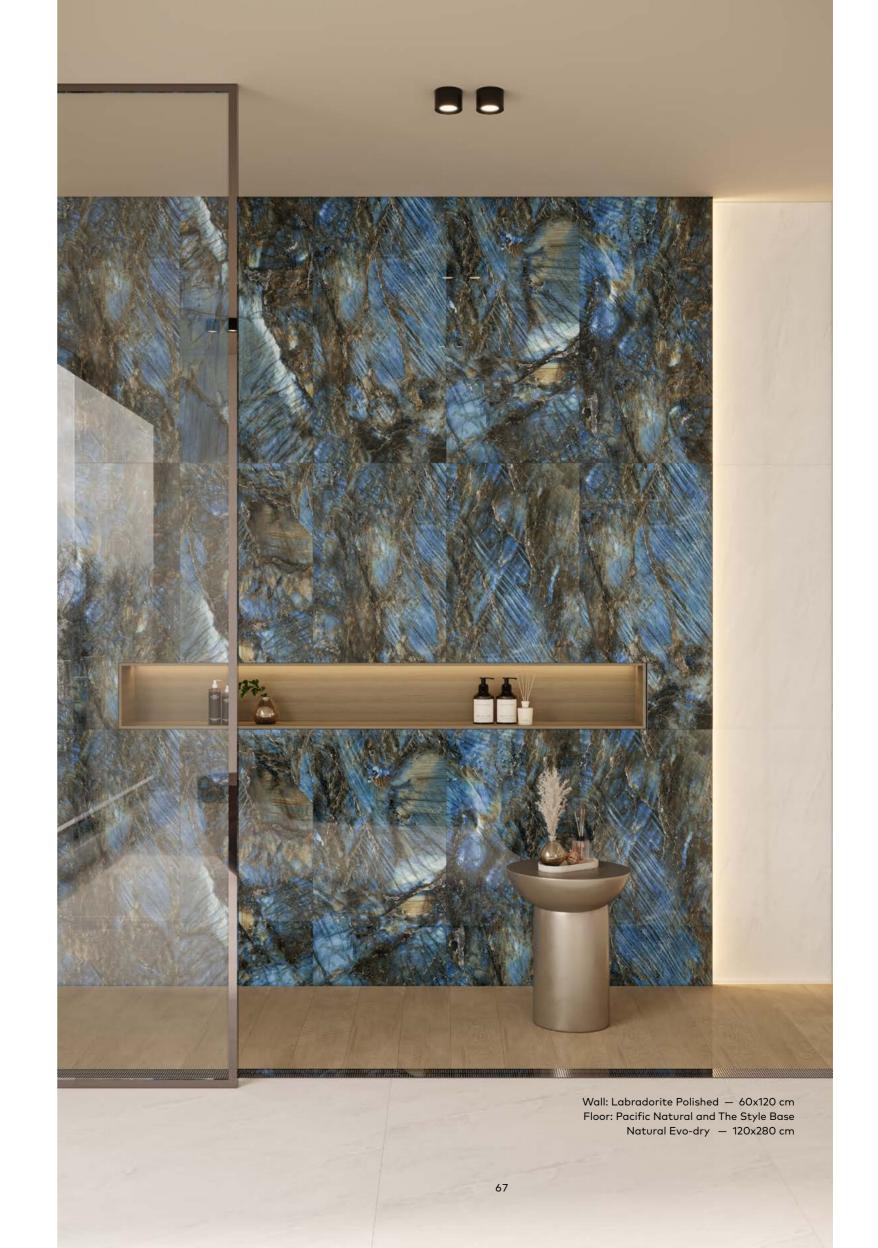
Floor: Splendor Polished — 60x120 cm



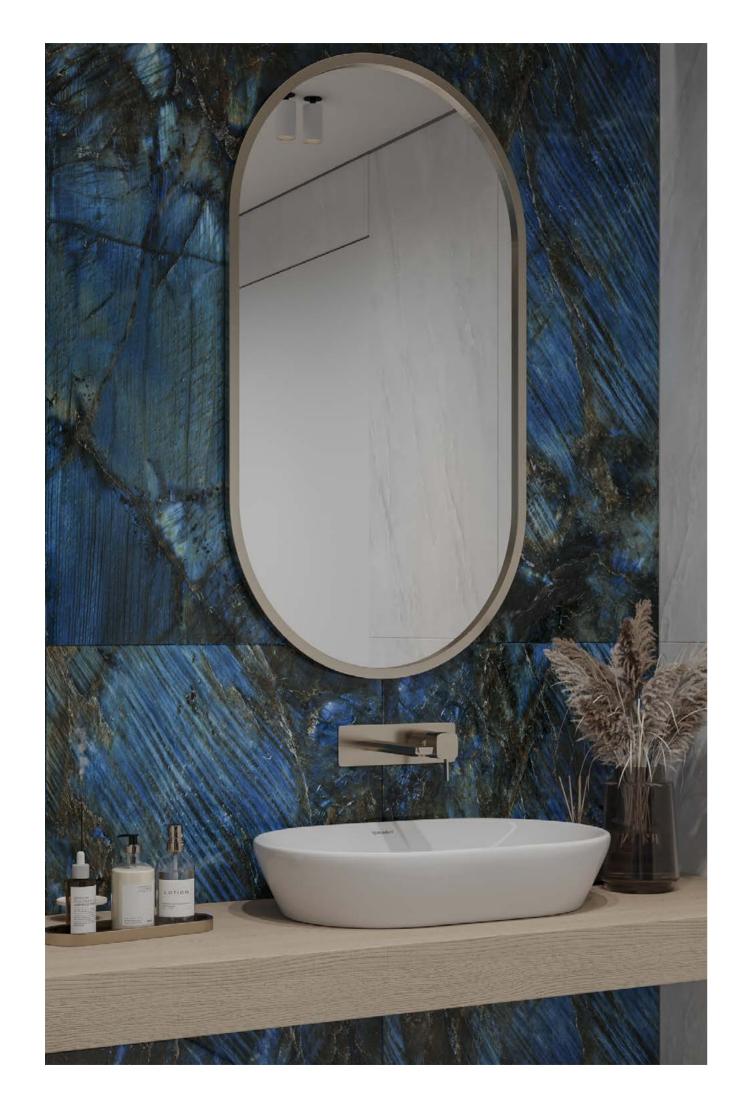
Labradorite

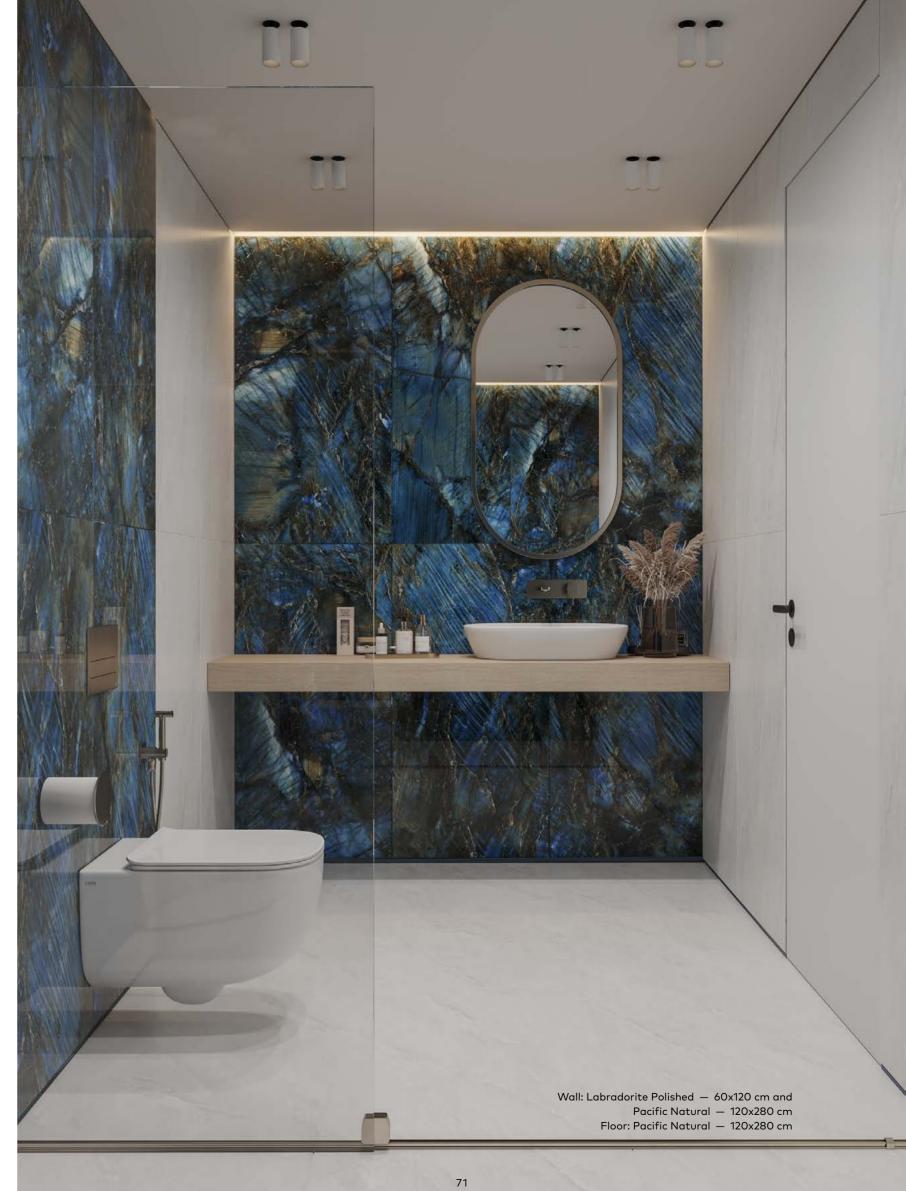
With its magnificent deep blue and green touches, shimmering highlights and veins Labradorite creates a dynamic, luxurious look. This stunning porcelain design is dedicated to remind the labradorite stone as it is found in the nature yet with the enhanced qualities of our porcelain products that ensure a durable strong surface for multiple spaces.













Wall: Labradorite Polished — 60x120 cm and Pacific Natural — 120x280 cm Floor: Pacific Natural — 120x280 cm







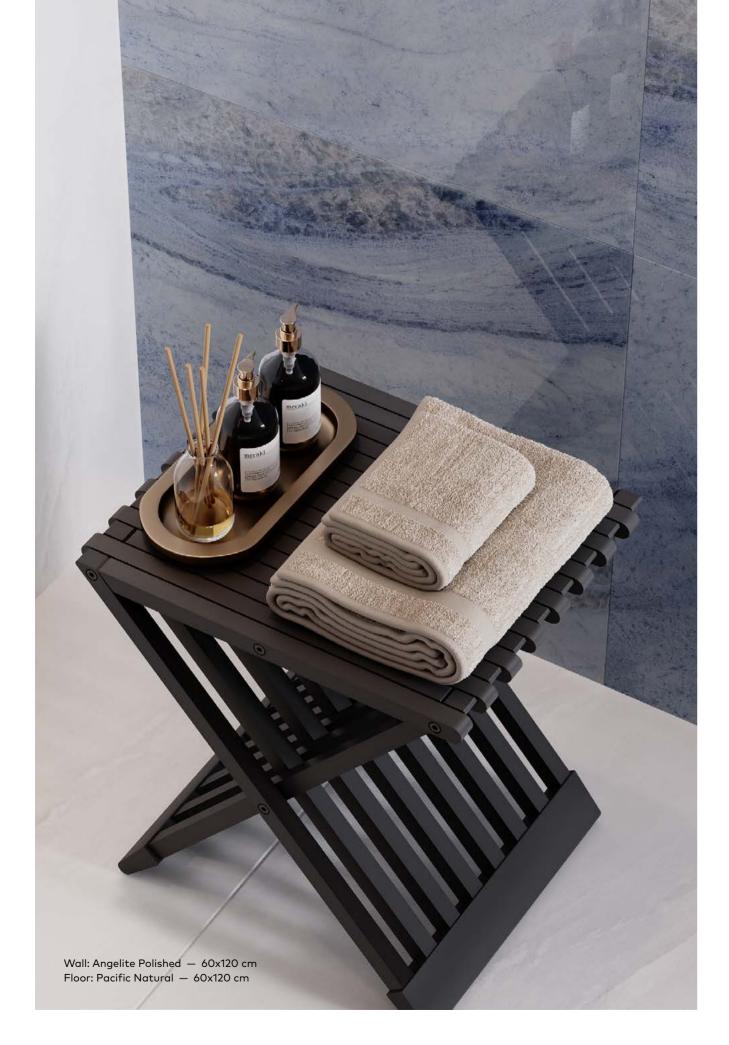




Wall: Angelite Polished — 60x120 cm Floor: Pacific Natural — 60x120 cm











Floor: Volcano Marble Polished — 60x120 cm







Volcano Marble Available other sizes upon demand. For more detail please contact sales department.







Ocean Blue

Ocean Blue has a unique shade of blue that is complemented by special orange highlights, creating an unforgettable and inspiring combination. Its chromatic depth evokes the enchanting waves and swirling shades of the sea. Explore its intricate details and mesmerizing colors from every angle, as the blue large slabs are guaranteed to elevate any surface, imparting a luxurious aesthetic to the objects or spaces you cherish.







Ocean Blue Note that minor deviations could be possible at the faces' intersections. Actual product colors may slightly vary from the images shown.





Perla Venata

Perla Venata a Brazilian quartzite, embodies the essence of elegance in its simplicity, magnifying any space it adorns. What distinguishes this quartzite isn't solely the conspicuous golden veins, but also the unique crystallization effects it exhibits. These exceptional attributes contribute to the unique textures that envelop the stone, resulting in a profound sense of depth, even in its natural finish state.









Wall: Perla Venata Polished — 120x280 cm Floor: The Style Base Natural Evo-dry — 120x280 cm

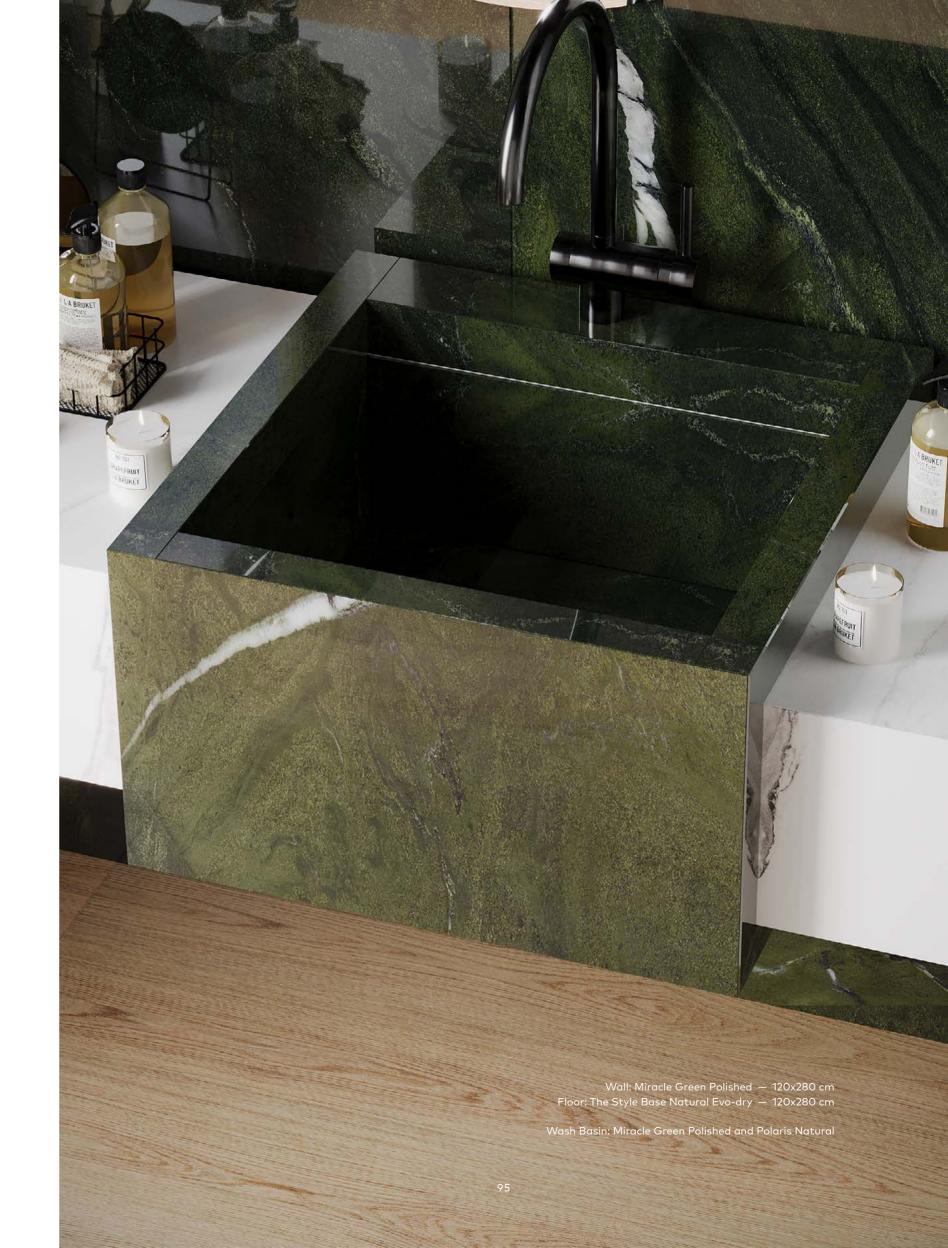
Wash Basin: Perla Venata Polished

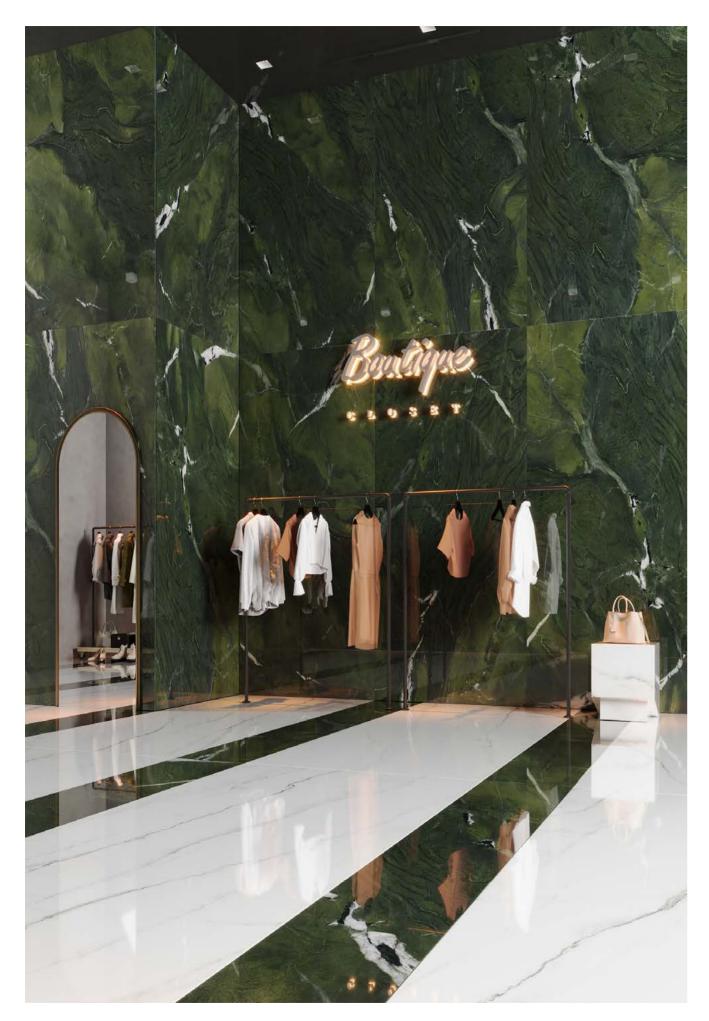




Miracle Green

Miracle Green is a stunning porcelain masterpiece that draws inspiration from the timeless elegance of Avocado Brazilian quartzite. Its rich and vibrant green backdrop, adorned with intricate white veins that gracefully traverse the surface, imbues a feeling of opulence and sophistication. These natural patterns exude both serenity and power, creating a sense of tranquility and authority. The captivating color palette of Miracle Green captures the very essence of nature, infusing your surroundings with a revitalizing and refreshing atmosphere.





Wall: Miracle Green Polished — 120x280 cm Floor: Polaris and Miracle Green Polished — 120x280 cm

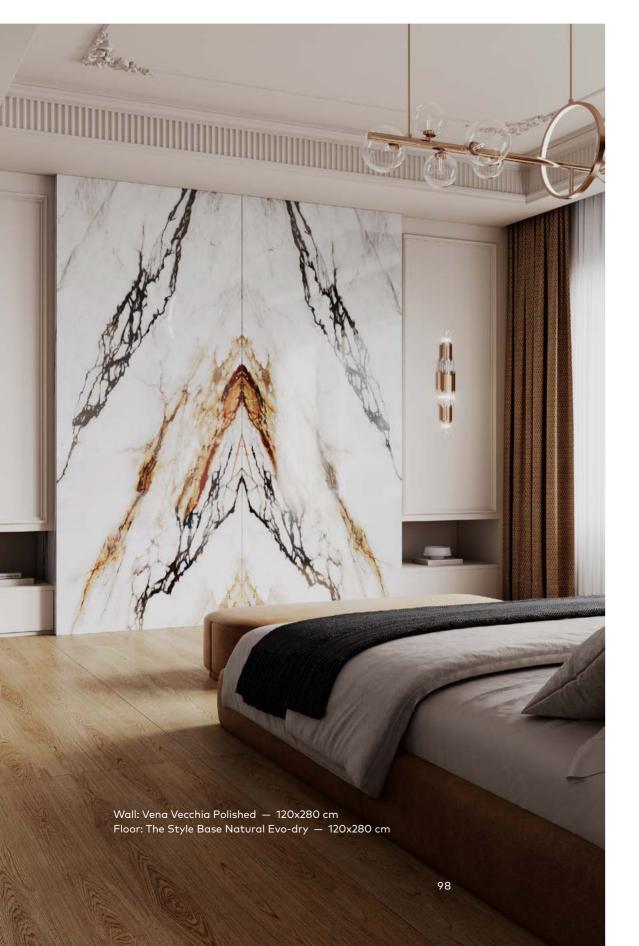
Available other sizes upon demand. For more detail please contact sales department.

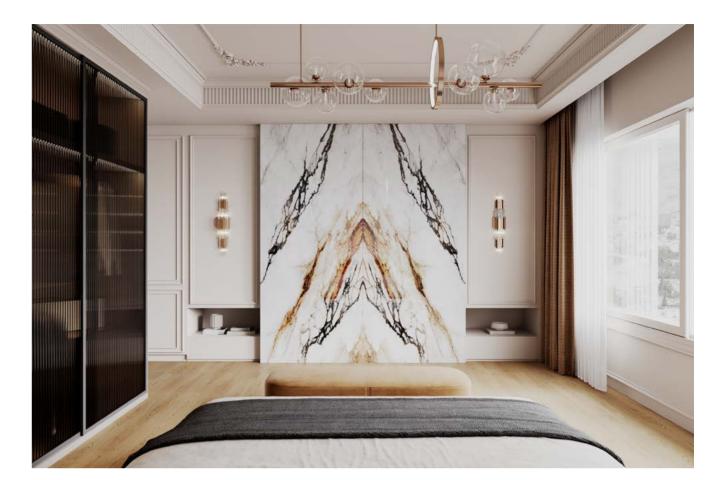


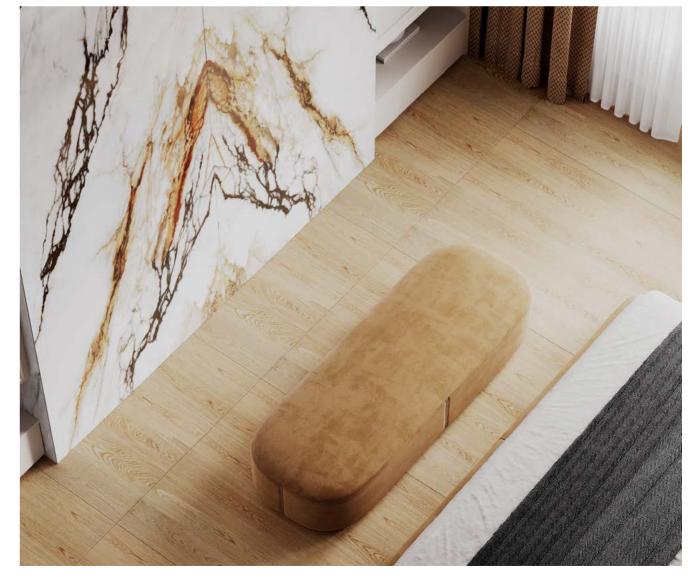


Vena Vecchia

Vena Vecchia is a remarkable natural stone design that boasts an elegant ivory appearance complemented by a delicate combination of caramel and merlot veins. golden flecks interspersed throughout the stone add a touch of glamour, making this marble a timeless classic with high decorative value. This exquisite marble is sourced from the Carrara region of Italy. varying intensities of grey and rusty gold veins beautifully wind their way across a beige backdrop, contributing to the unrivaled character of each slab. The result is a stunning and inimitable design that is sure to make a statement in any space.









Wall: Vena Vecchia Polished — 120x280 cm Floor: The Style Base Natural Evo-dry — 120x280 cm

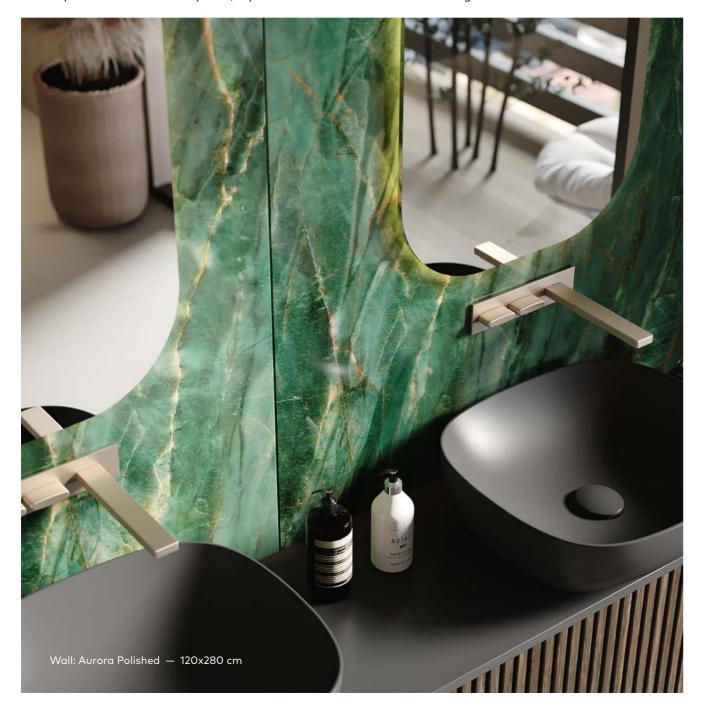






Aurora

Aurora was born by extraordinary details from amalgamating luxury green color, highlighting the golden veins, to lighting up golden shades of the material. To design and develop Aurora an exceptional amount of work has gone into researching and technically perfecting the final product. The outcome is a luxurious and glamorous masterpiece in each and every slab, a perfect choice to enrich interior designs.







Wall: Aurora Polished — 120x280 cm







Polaris

Polaris is a new approach to modernity. Polaris has a pure white and homogeneous texture and exceptional charming linear black veins that brings minimal and modern concepts to your settings. Black and white dualism is the heart of Polaris. It sums up the purity and beauty of natural materials that creates functional and modern environments in multi-faced designs.



Wall: Polaris Polished — 120x280 cm Floor: Polaris Polished — 120x280 cm







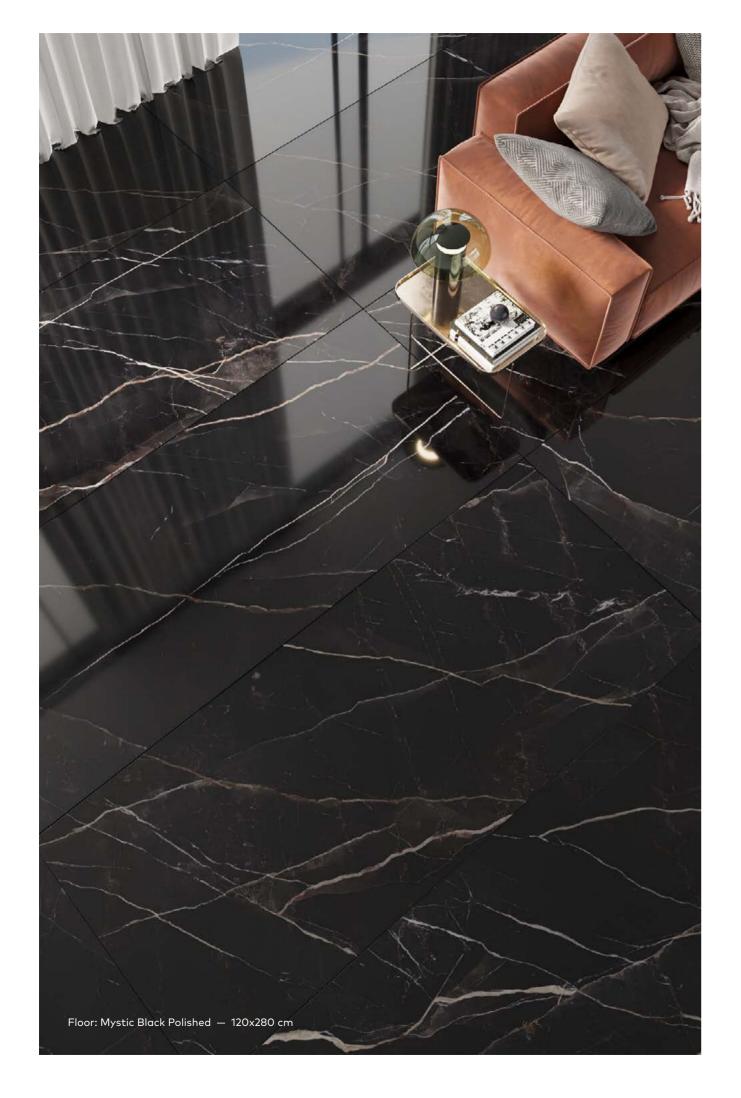




Mystic Black

Mystic Black is an artistic marble with unique white and golden longitudinal delicate veins and deep black background. The contrast of its background and veins accompanied with moderate shades produce a refine and irreplaceable material in the world of modern luxury.



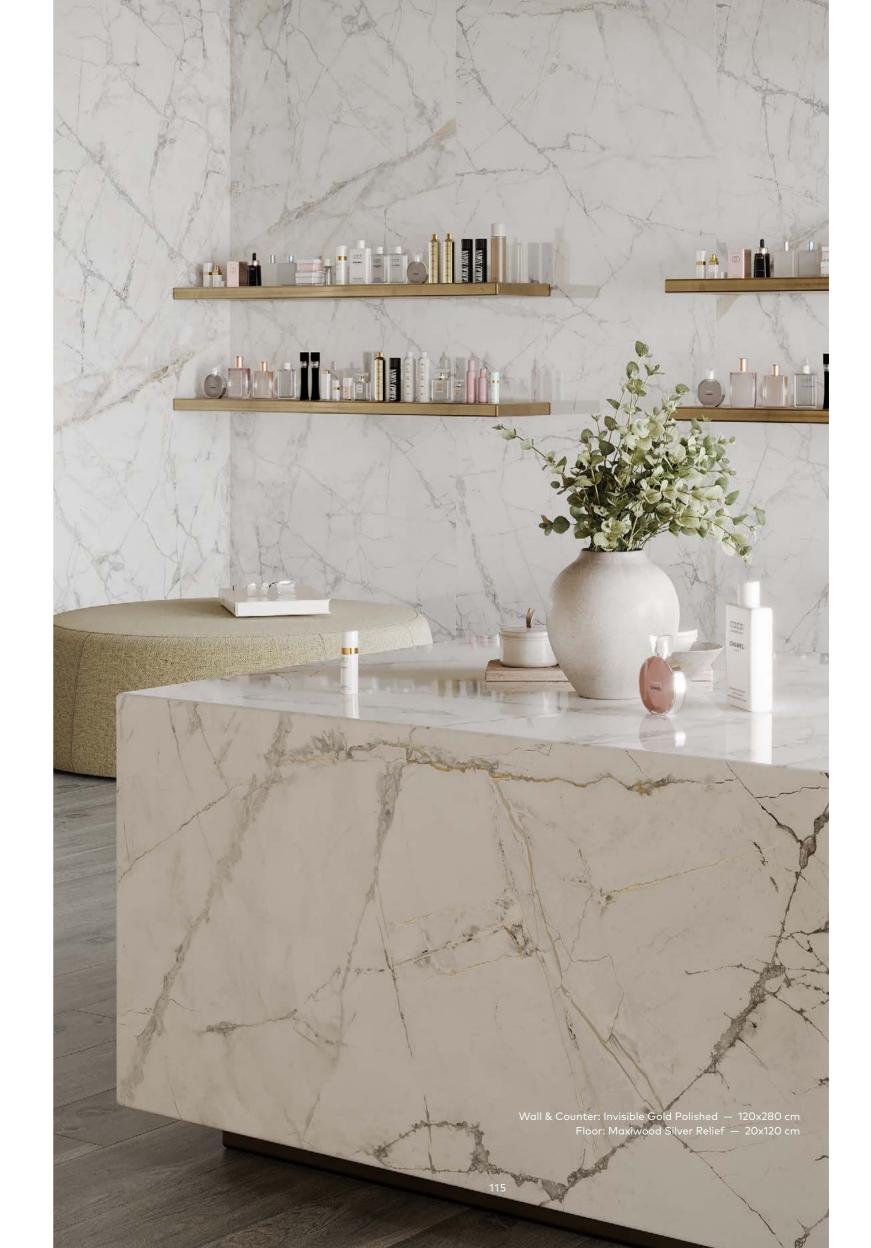


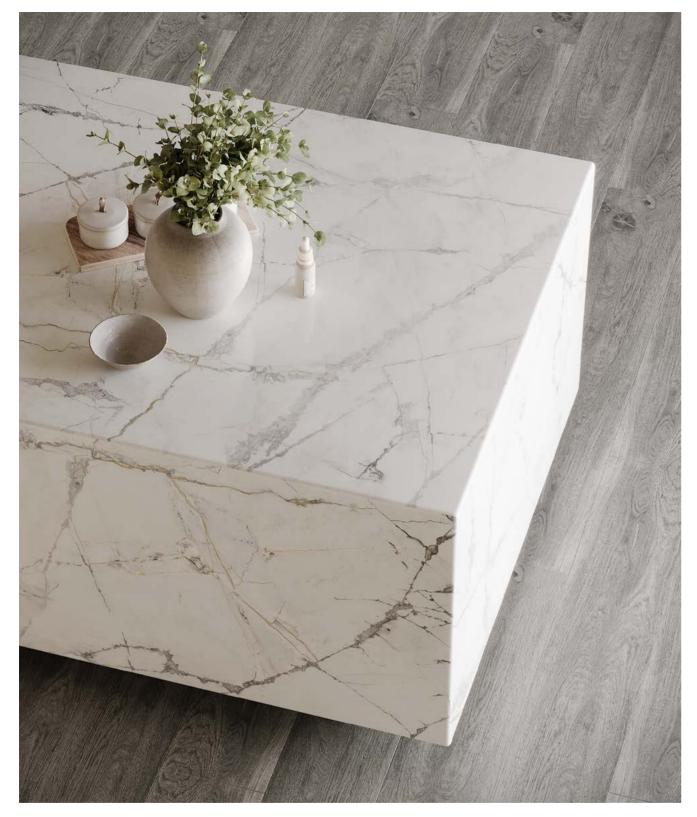




Invisible Gold

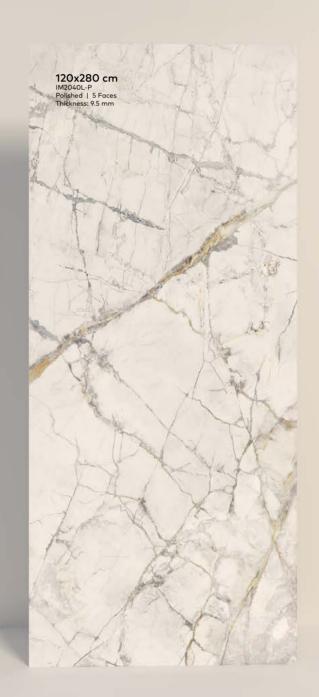
Invisible Gold is characterized by its white background and intertwined light golden and grey veins. Warp and weft veining creates a perfect structure which brings elegance to your spaces. This design in its polished surface appears as a jewel, in a brilliant texture which let you dress up and furnish spaces with a total look that has astonishing and glorious effect.





Counter: Invisible Gold Polished — 120x280 cm Floor: Maxiwood Silver Relief — 20x120 cm







Atlantis Black

Atlantis Black with a strong personality will add a great accent to stylish and elegant projects. Its saturated nature, sharp and vivid veins and dense background provide a visually charismatic pattern which makes this product a great choice for designers with different tastes.

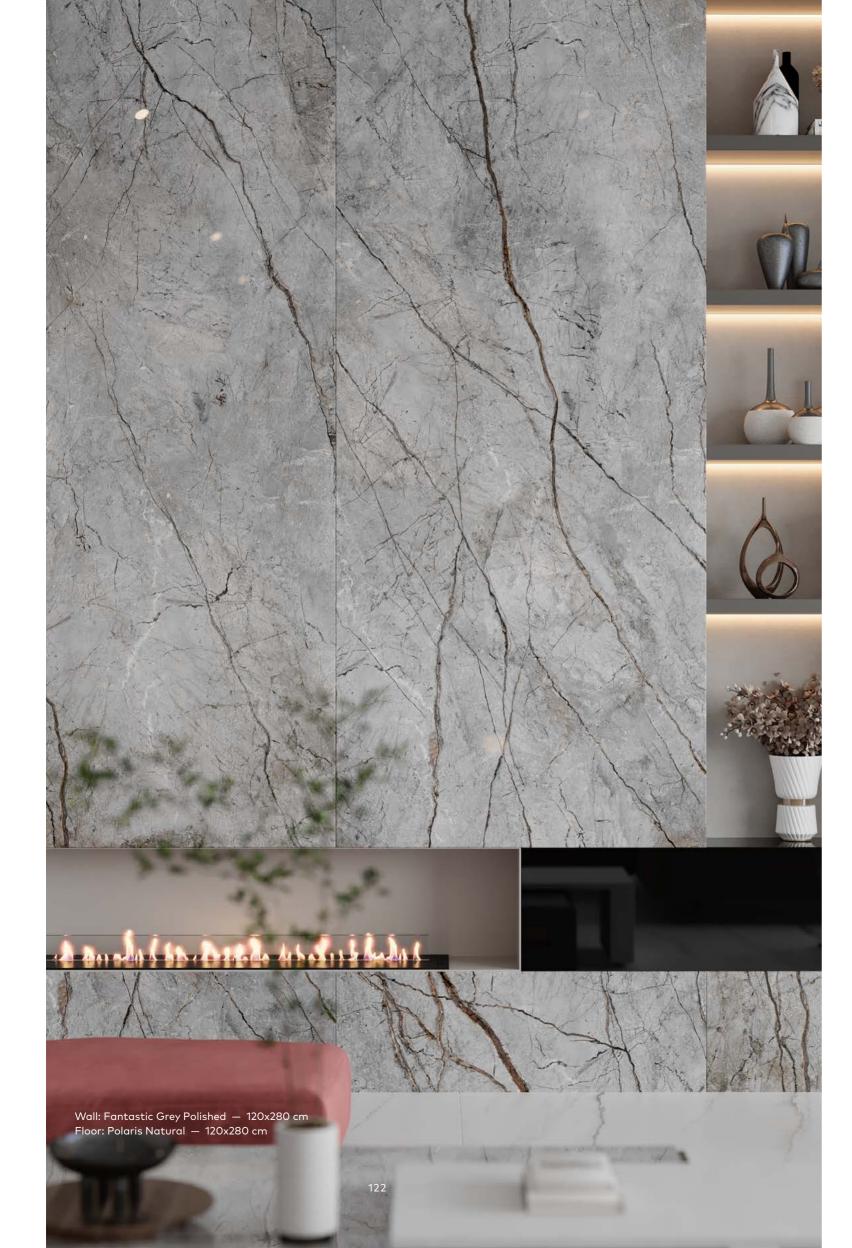




Wall: Atlantis Black Polished — 120x280 cm Floor: The Style Base Natural Evo-dry — 120x280 cm

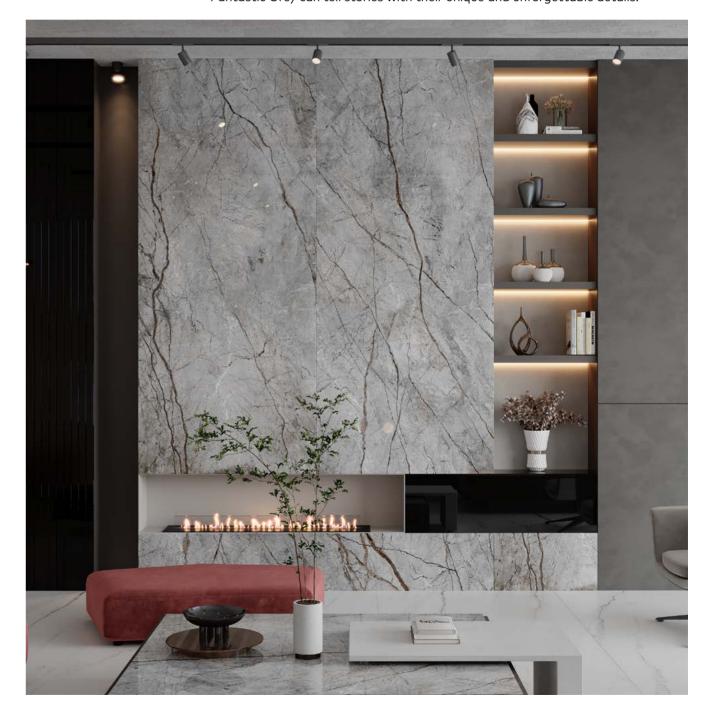






Fantastic Grey

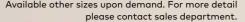
Fantastic grey features a mid-tone grey background with thin dark brown and dark grey veins. Although Fantastic Grey contains lots of details and colors, it yet keeps its grey characteristics. This marble conveys both a touch of elegance and robustness. It is an ideal choice for contemporary and modern interiors. Spaces designed by Fantastic Grey can tell stories with their unique and unforgettable details.



Wall: Fantastic Grey Polished — 120x280 cm Floor: Invisible Gold Polished — 120x280 cm



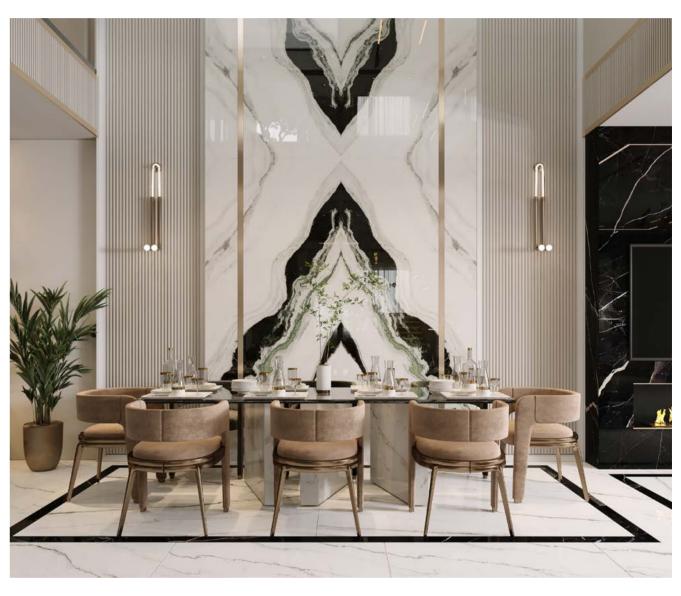
Fantastic Grey Available other sizes upon demand. For more detail please contact sales department.











Panda

Panda reflects the art of nature, a white marble with black and green shades moving across its surface. Its eye-catching black veins motivate senses by inviting the viewers to feel its sophisticated chromatic intensity. Black and white combination along with green shades and inclusions in different faces makes a careful balanced pattern and veining that provides a strong personality to the interiors.



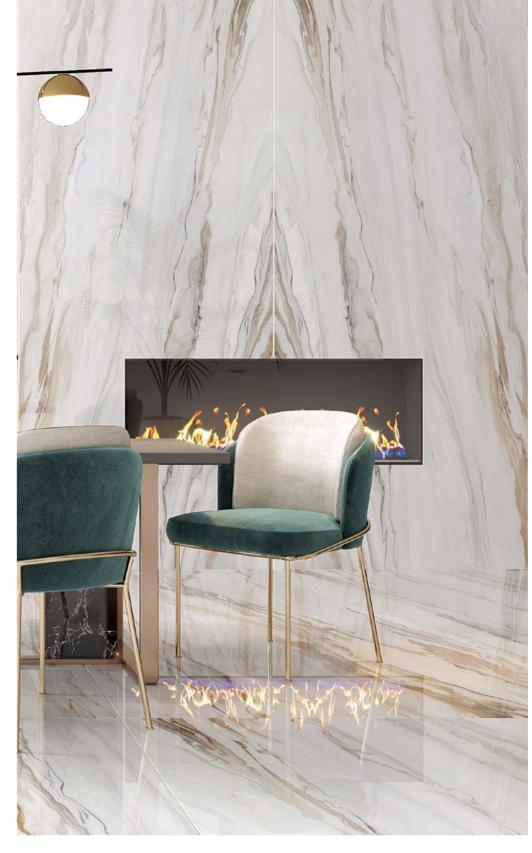






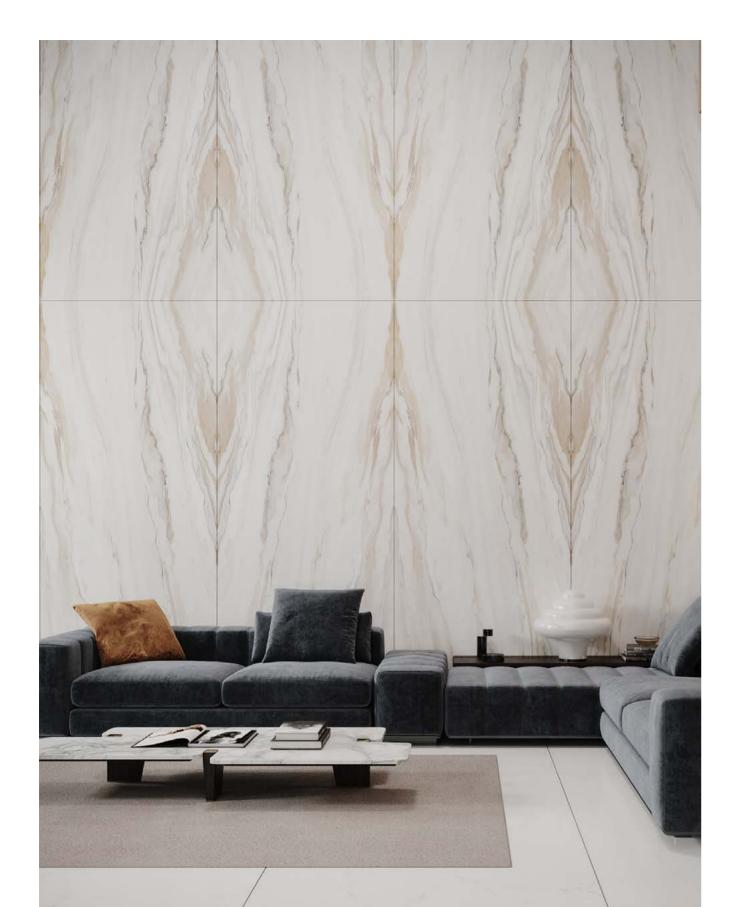






Liquid Marble

Liquid Marble represents an artwork that inspires a sense of naturality. White surface with precise details, blended golden and grey textured patterns that fluctuate, constantly evolve, and continuously change, inbreed liquid character. Liquid Marble is dedicated to high-end decoration with harmony and creativity adding a unique and subtle character to your interior design.



Wall: Liquid Marble Polished — 120x280 cm Floor: Calacatta Silva Natural — 120x280 cm





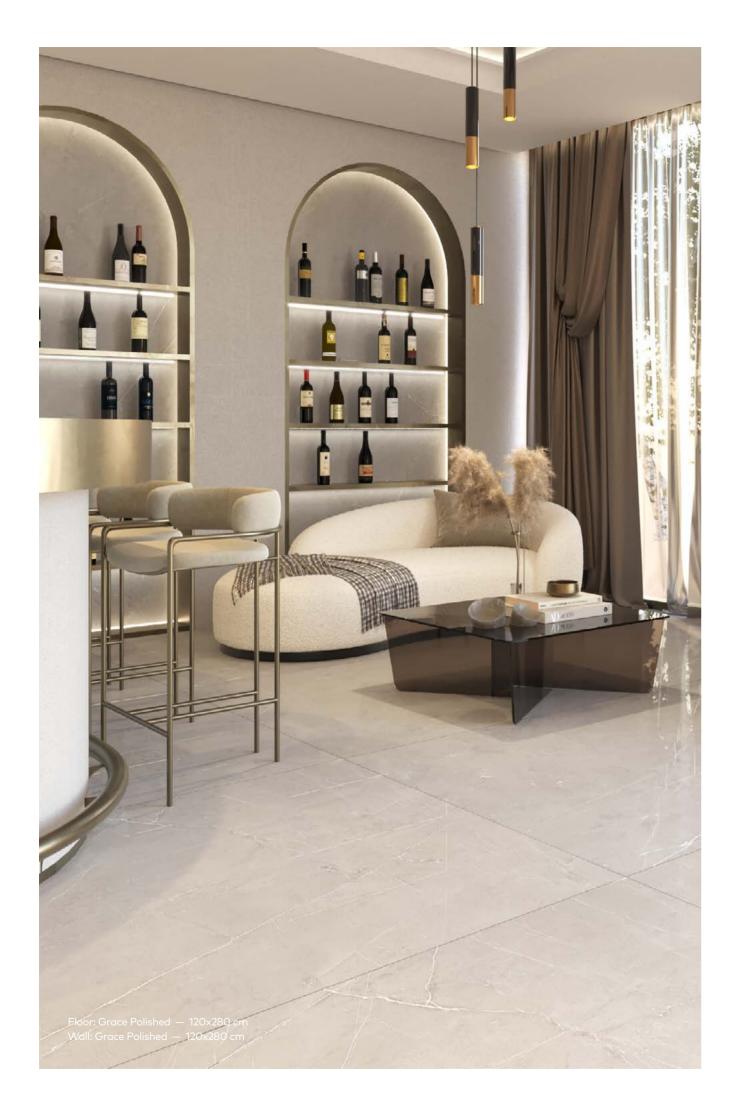


Grace

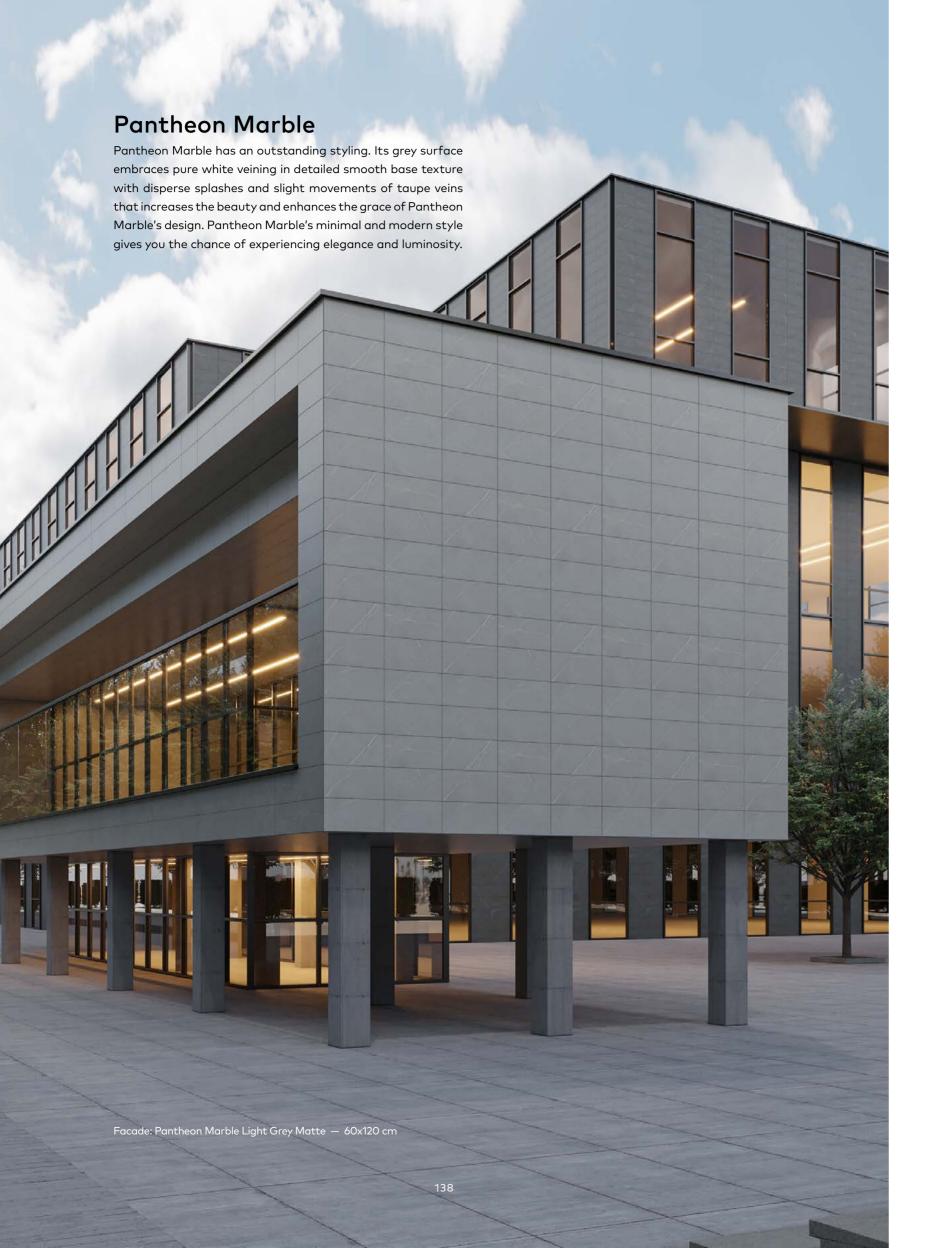
Grace with its delicate intermittent and fragile white veins in a completely simple gray background, give a modern and luxurious look to your environment. The sophisticated grey background color is run through with fine, candid grains that add a harmonious visual effect and the possibility for transversal use, in terms of both taste and application. An unmistakable style, superb production and high performance make it an irreplaceable choice for prestigious architectural projects and interior design, whether residential, commercial or public.



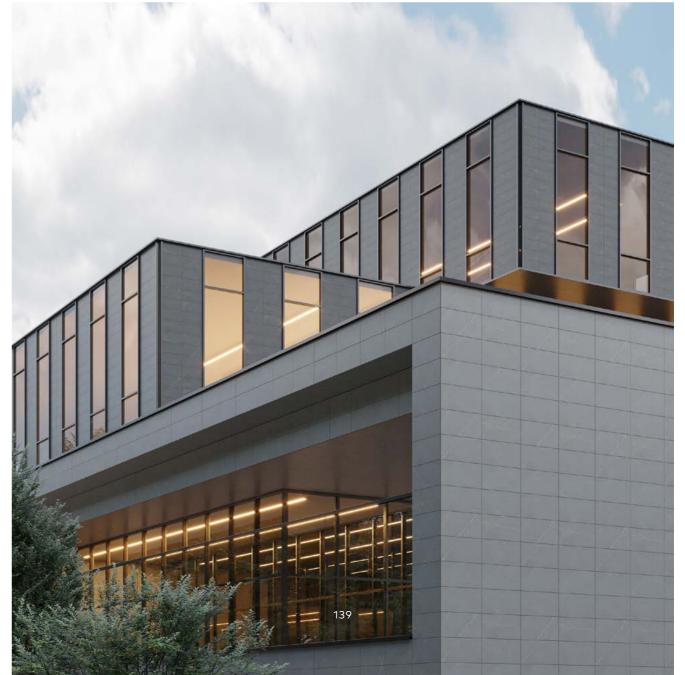














Pantheon Marble Available other sizes upon demand. For more detail please contact sales department.



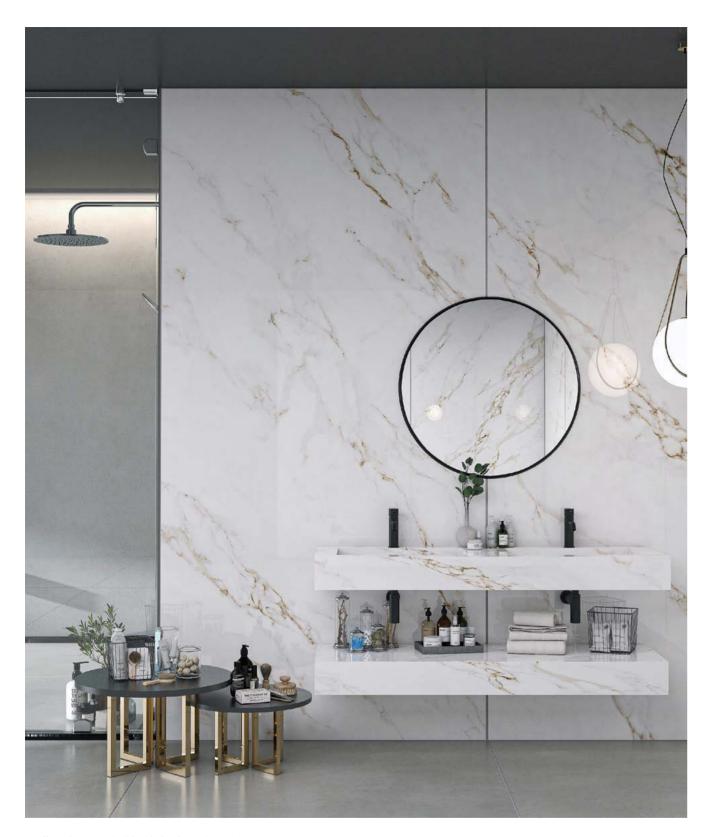






Calacatta Gold

Calacatta Gold marble tile is a treat to the eyes. Its creamy white background is gently infused with deep grey veining and the occasional ribbons of gold demonstrate a striking piece. The marble's natural and unlimited variation creates a luxurious artwork in every piece.



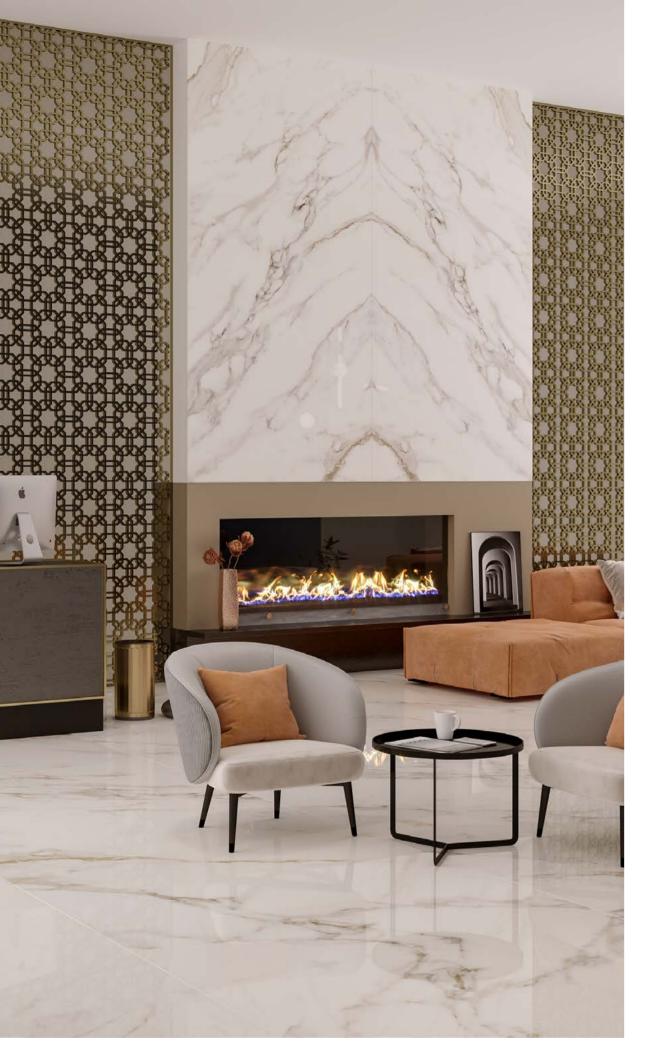
Wall: Calacatta Gold Polished — 120x280 cm Floor: Natural Concrete Light Grey Soft Matte - 120x280 cm

Wash Basin: Calacatta Gold Polished / Mirror

Calacatta Gold Available other sizes upon demand. For more detail please contact sales department.



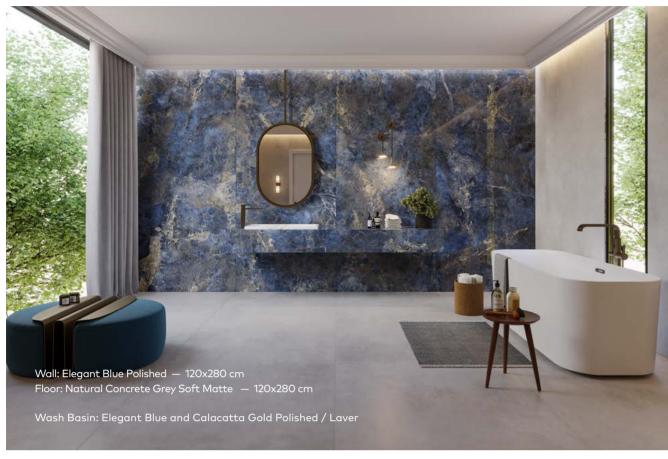


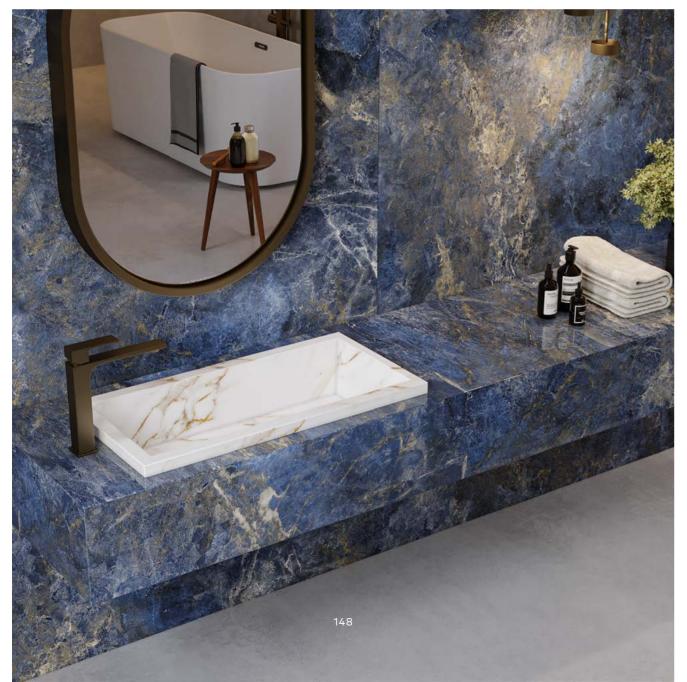


Wall: Calacatta Gold Polished — 120x280 cm Floor: Calacatta Gold Polished — 120x280 cm









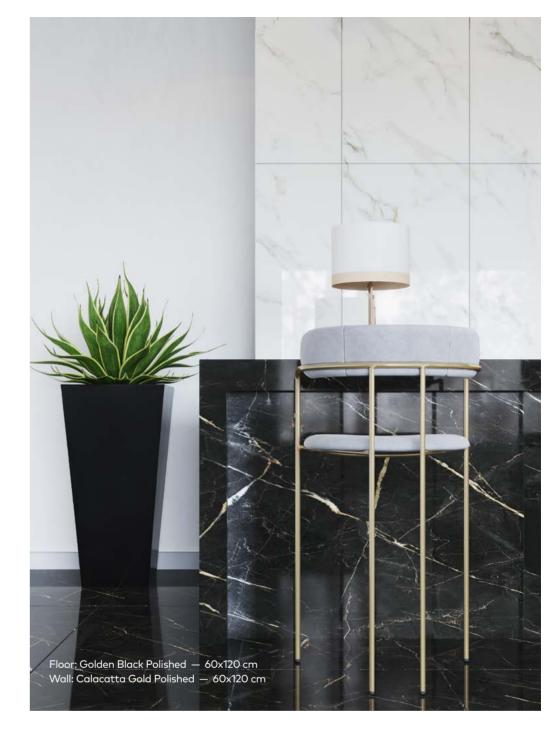








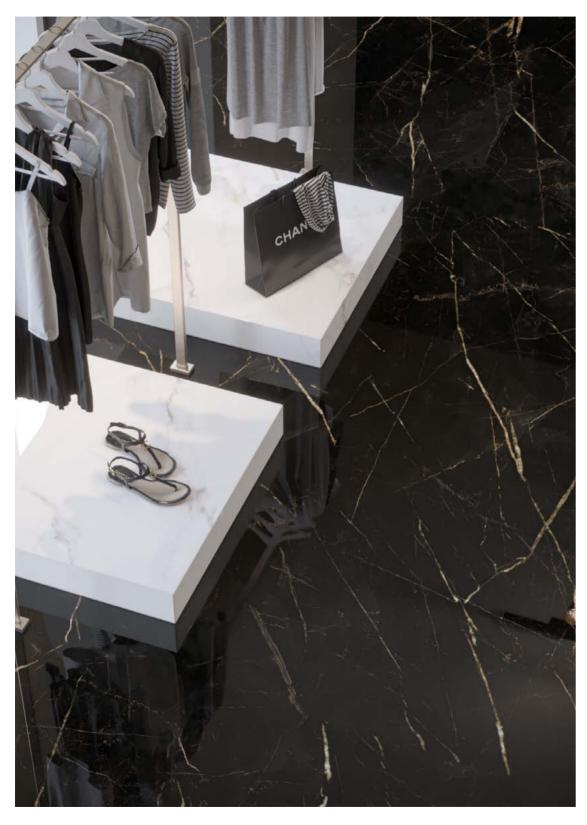




Golden Black

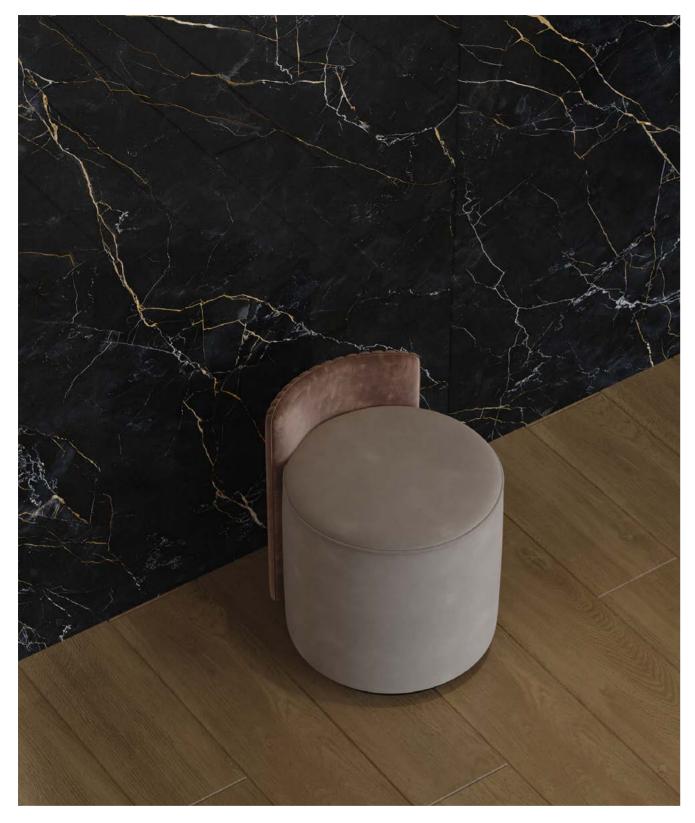
Golden Black marble is one of the best designs of Royal collection, a combination of golden and black color with a few white streaks. Its marble-effect brings sort of glamor which only a dramatic worthwhile material is able to produce. Golden Black provides a sense of wealth and luxury. Its fine details such as random veining patterns and shiny surface, represents exclusive marble choice.





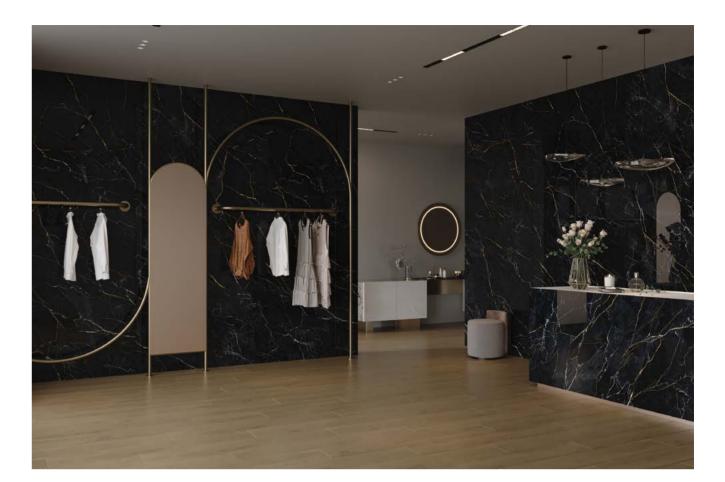
Floor: Golden Black Polished — 60x120 cm





Saint Laurent

Saint Laurent Marble with black background covered by white and golden veins is one of the most beautiful marble effect tiles. The combination of black, white, and gold creates a unique look for unique designs. Infuse depth and luxury into your home with Aximer's daring Golden Black Marble effect floor and wall tiles.

















Statuario Extra

Statuario Extra marble is one of the most renowned and charming marbles, enriched with dark and grey veins and thinner patterns. Its clean white background contrasted with grey veining doubles its beauty. Statuario Extra with dramatic, artistic, and large-scale singular vein patterns brings a refined Italian design touch to your architectural projects.



Floor: Statuario Extra Polished — 60x120 cm

Statuario Extra

Available other sizes upon demand. For more deta please contact sales departmen



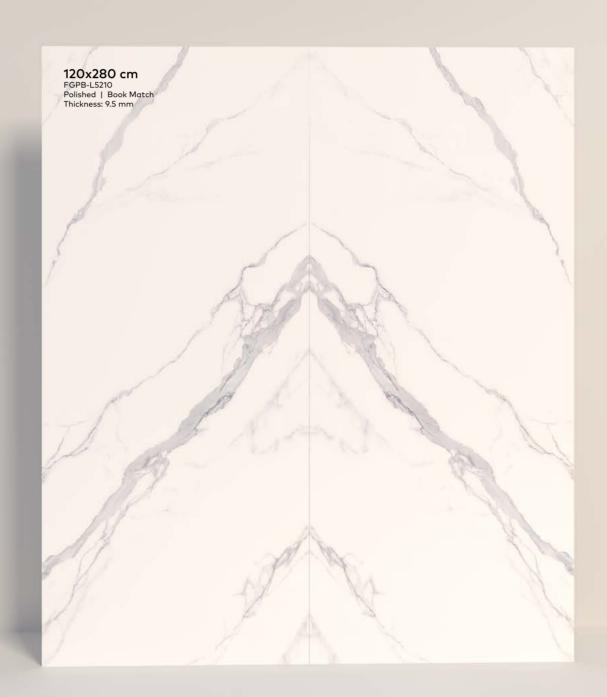


Statuario Extra



Note that minor deviations could be possible at the faces' intersections.

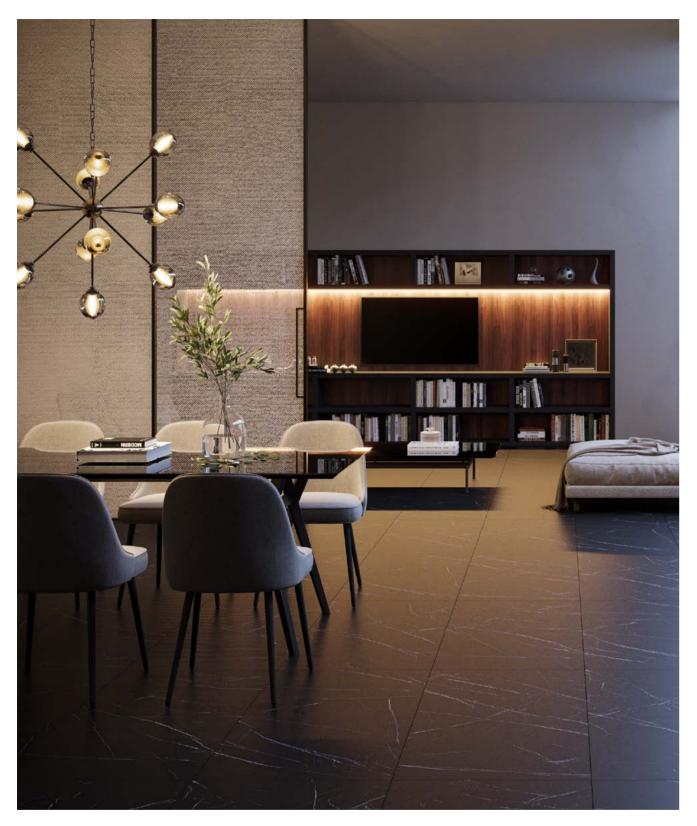
Actual product colors may slightly vary from the images shown.







Floor: Nero Marquina Matte — 60x120 cm



Floor: Nero Marquina Matte — 60x120 cm

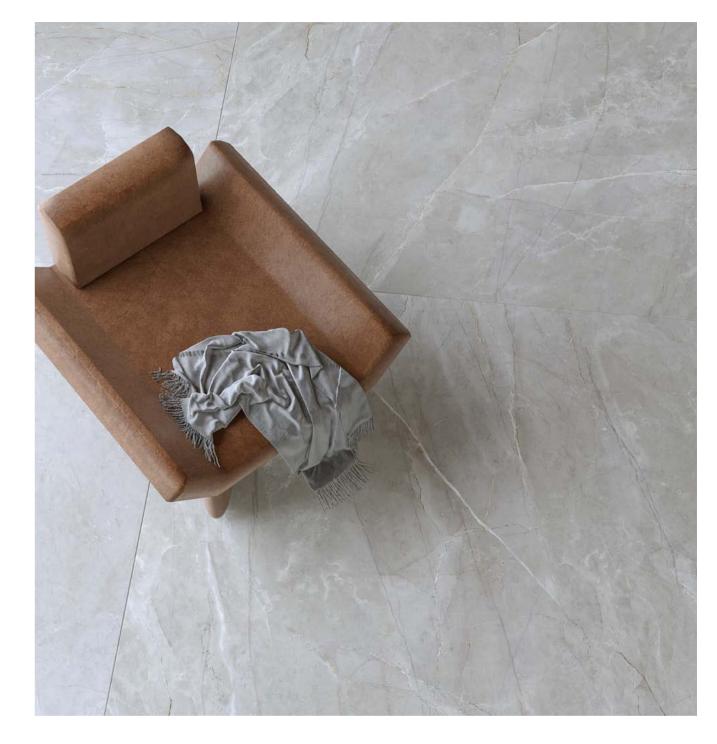
Nero Marquina

Available other sizes upon demand. For more detail



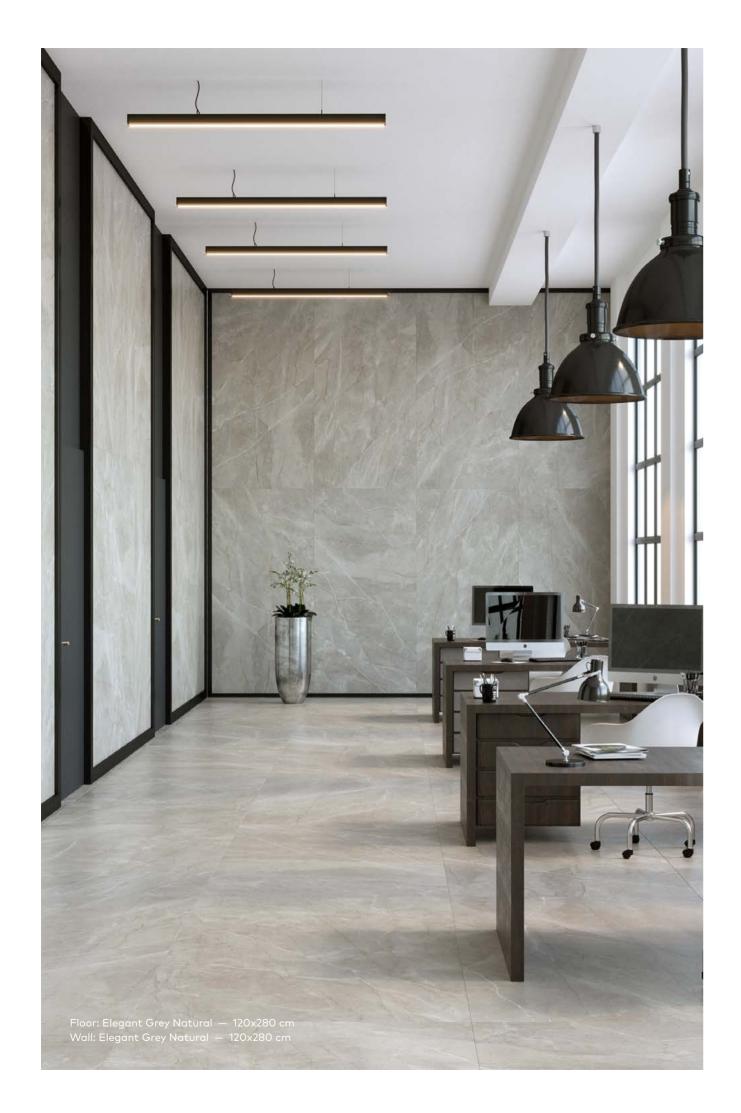




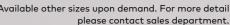


Elegant Grey

Elegant Grey Marble is a striking deep grey marble with distinctive white veining. The most beautiful sought after marble inspired porcelain tile boasts prominent veins, blooms, and subtle variations that you find in any natural design product. Elegant Grey marble tiles are perfectly combined with a wide range of colors based on it's nude theme of color.

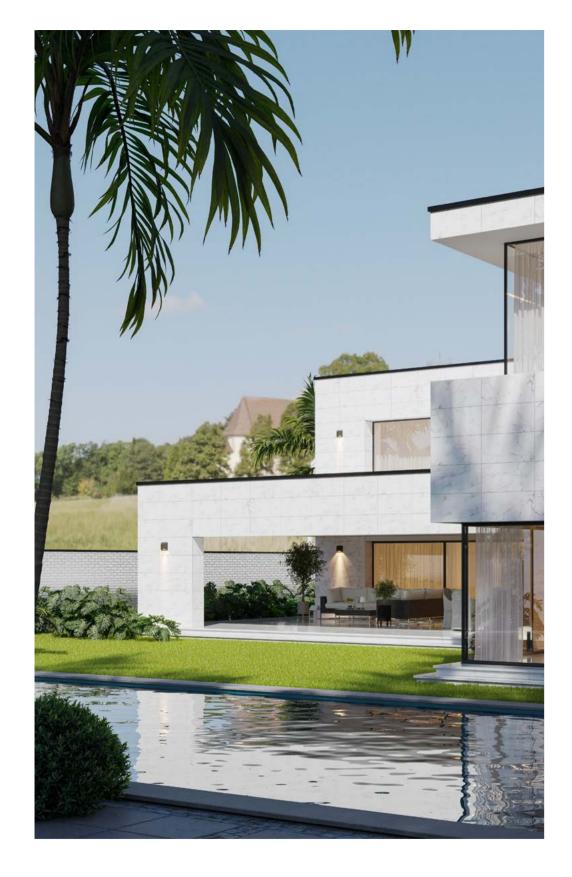


Elegant Grey Available other sizes upon demand. For more detail please contact sales department.





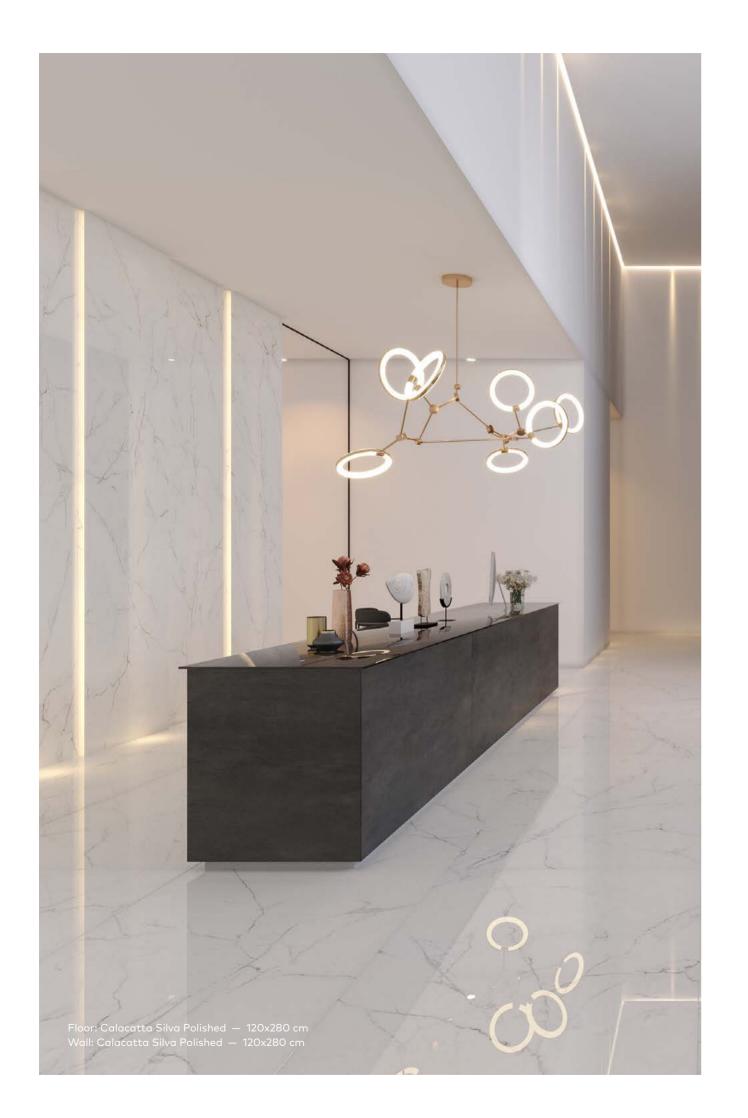




Calacatta Silva

Calacatta Silva has the beauty of natural marble. Thanks to its porcelain character this product is suitable for private spaces to commercial world and helps architects to create a combination of modernity and practicality.





Calacatta Silva

vailable other sizes upon demand. For more detail please contact sales department.



120x280 cm
FGPB-L5015
Polished | 4 Faces
Thickness: 9.5 mm

FGM-L5015
Natural | 4 Faces
Thickness: 9.5 mm

100x100 cm
FGPB-W600
Polished | 11 Faces
Thickness: 9.5 mm

FGM-W600
Matte | 11 Faces
Thickness: 9.5 mm

160x320 cm FGPB-X5015 Polished | 4 Faces Thickness: 9.5 mm FGM-X5015 Natural | 4 Faces Thickness: 9.5 mm

> 120x240 cm FGPB-A5015 Polished | 4 Faces Thickness: 9.5 mm FGM-A5015 Natural | 4 Faces Thickness: 9.5 mm

80x160 cm FGPB-C600 Polished | 7 Faces | T: 9.5 mm FGM-C600 Matte | 7 Faces | T: 9.5 mm

60x120 cm FGPB-R600 Polished | 9 Faces Thickness: 11.5 mm

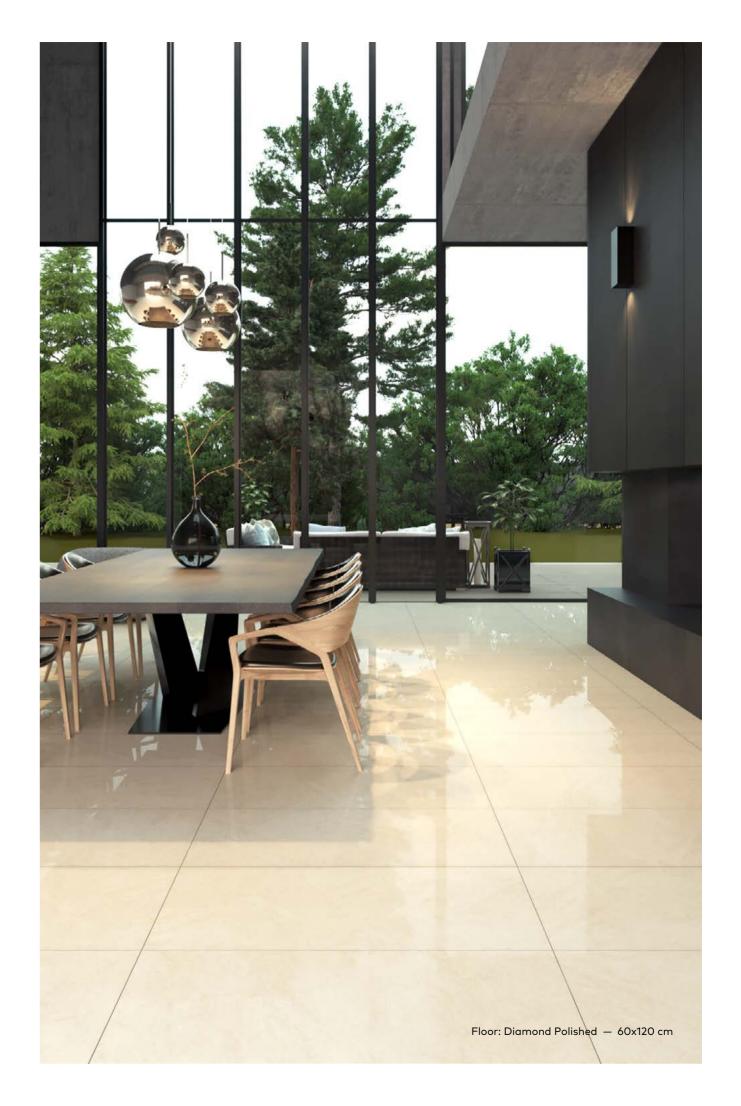
FGM-R600 Matte | 9 Faces Thickness: 11.5 mm 120x120 cm FGPB-E5015 Polished | 11 Faces Thickness: 9.5 mm

FGM-E5015 Matte | 11 Faces Thickness: 9.5 mm



Diamond

Diamond is inspired by a quartzite whose colors reflect warmness and its simplicity gives you the sense of life and calmness. The neutral canvas is criss-crossed with delicate but defined veins of beige and gold in a way that it has a very nice shine with a rich appearance, shimmering elegance. Its crystalized structure creates a complex design with varying depths of translucency and opacity. Using this wonderful porcelain tile, turn your ideas into a reality.









60x120 cm
FGPB-R1315
Polished | 8 Faces
Thickness: 11.5 mm

120x120 cm FGPB-E1315 Polished | 6 Faces Thickness: 9.5 mm

Pietra Grey

The sophisticated grey background color runs through with fine, candid grains that add a harmonious visual effect to Pietra Grey porcelain slabs. An unmistakable style, superb production and high performance make Pietra Grey an irreplaceable surface for enhancing any architecture or interior design project.



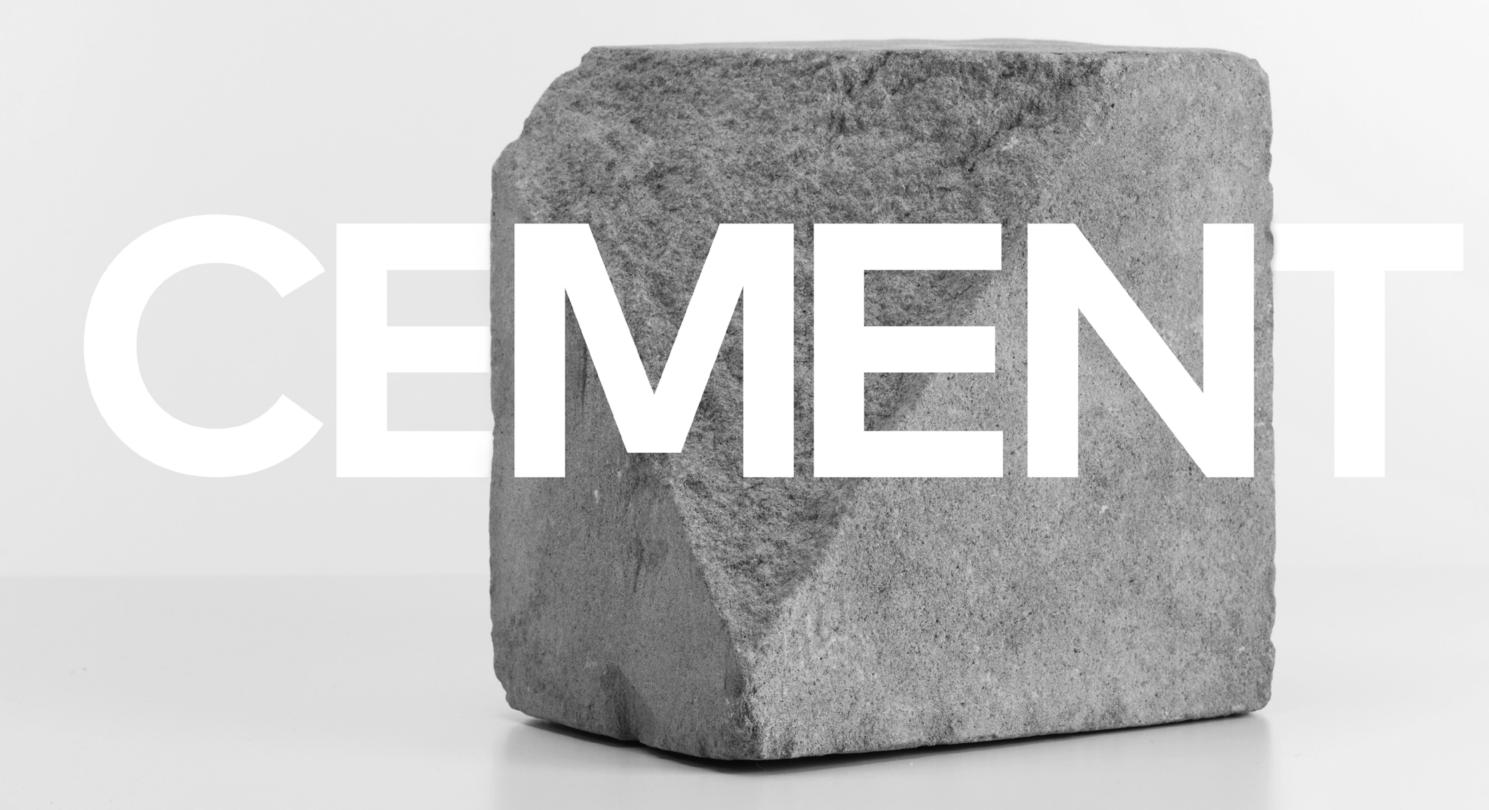




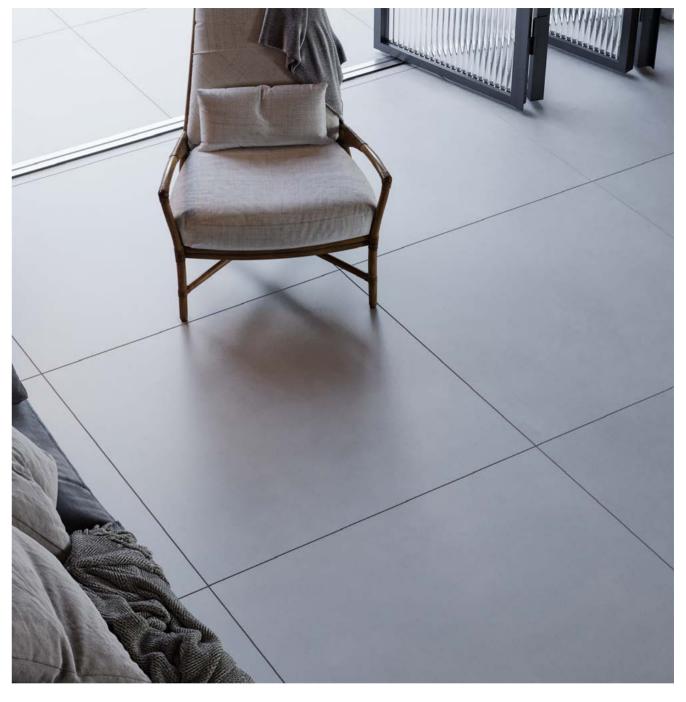












Natural Concrete

A concrete-effect collection which combines all the advantages of ceramic tiles with a perfect look to create a strong contemporary allure. Thanks to natural textures and neutral colors, concrete effect tiles are the perfect solution to a contemporary and minimalism style of design. Versatile collections to use in residential contexts and also administrative and industrial projects for indoor and outdoor spaces.



Floor: Natural Concrete Grey Matte $\,-\,$ 100x100 cm















Natural Concrete Available other sizes upon demand. For more detail please contact sales department.





Floor: Natural Concrete Ivory Matte $-60x120 \, \mathrm{cm}$ Wall: Natural Concrete Red Matte $-60x120 \, \mathrm{cm}$

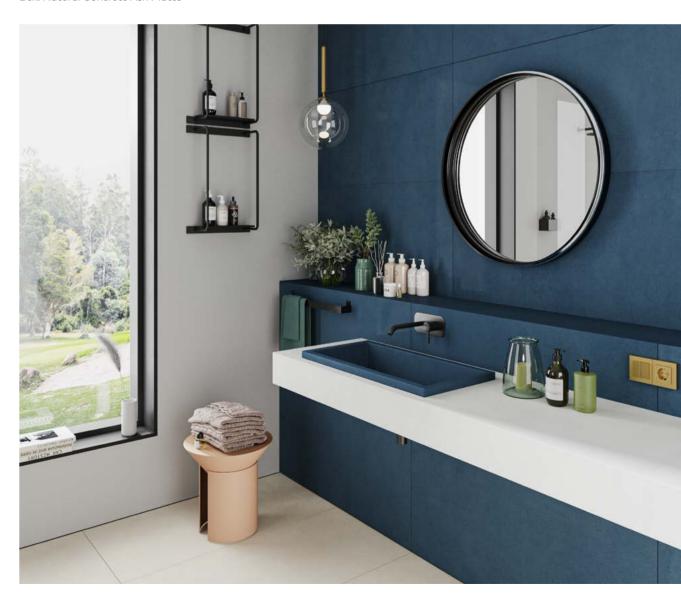
Wash Basin: Natural Concrete Ash Matte Box: Natural Concrete Red Matte





Floor: Natural Concrete Cream Matte — 60x120 cm Wall: Natural Concrete Blue Matte — 60x120 cm

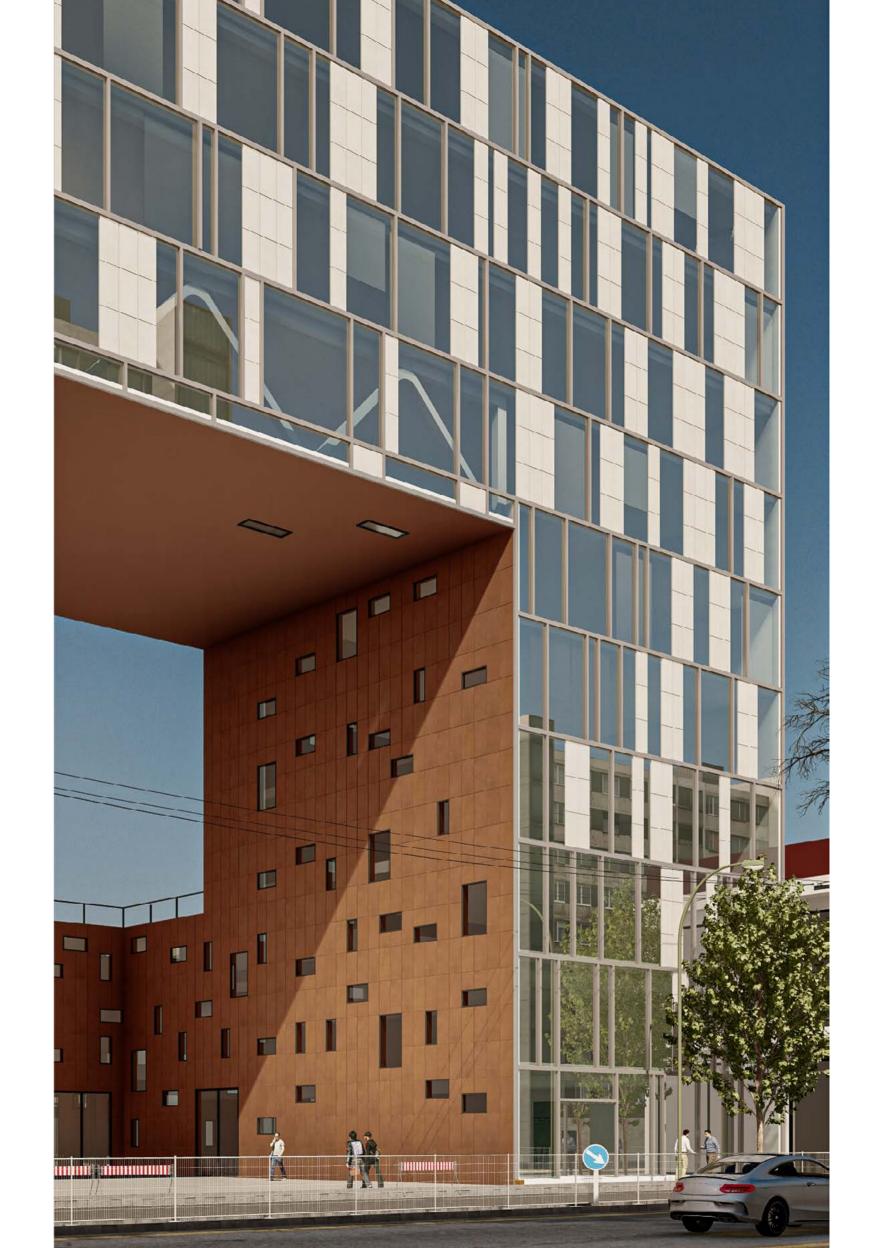
Wash Basin: Natural Concrete Blue Matte Box: Natural Concrete Ash Matte

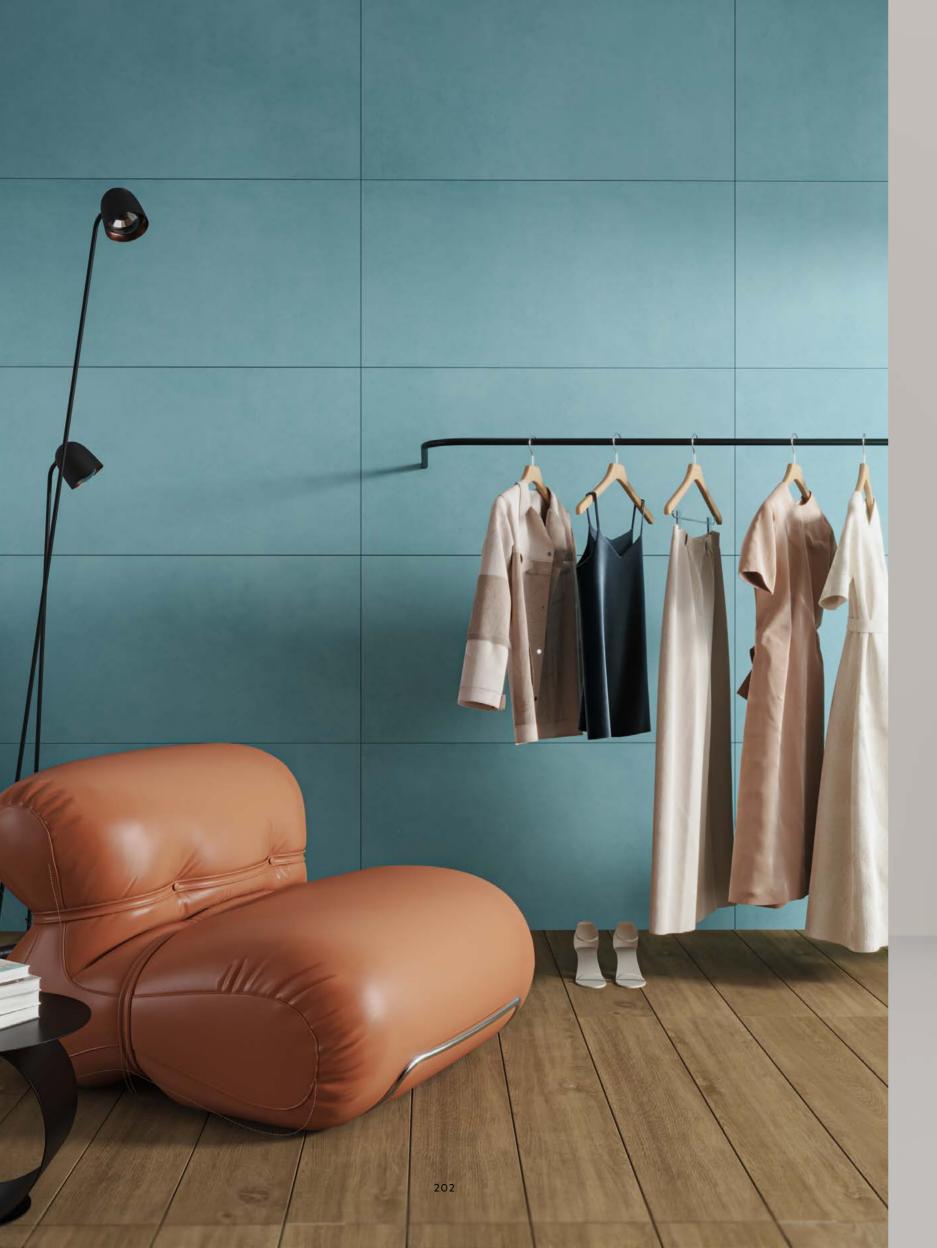




Floor: Natural Concrete Ivory Matte — 60x120 cm Wall: Natural Concrete Red and Green Matte — 60x120 cm

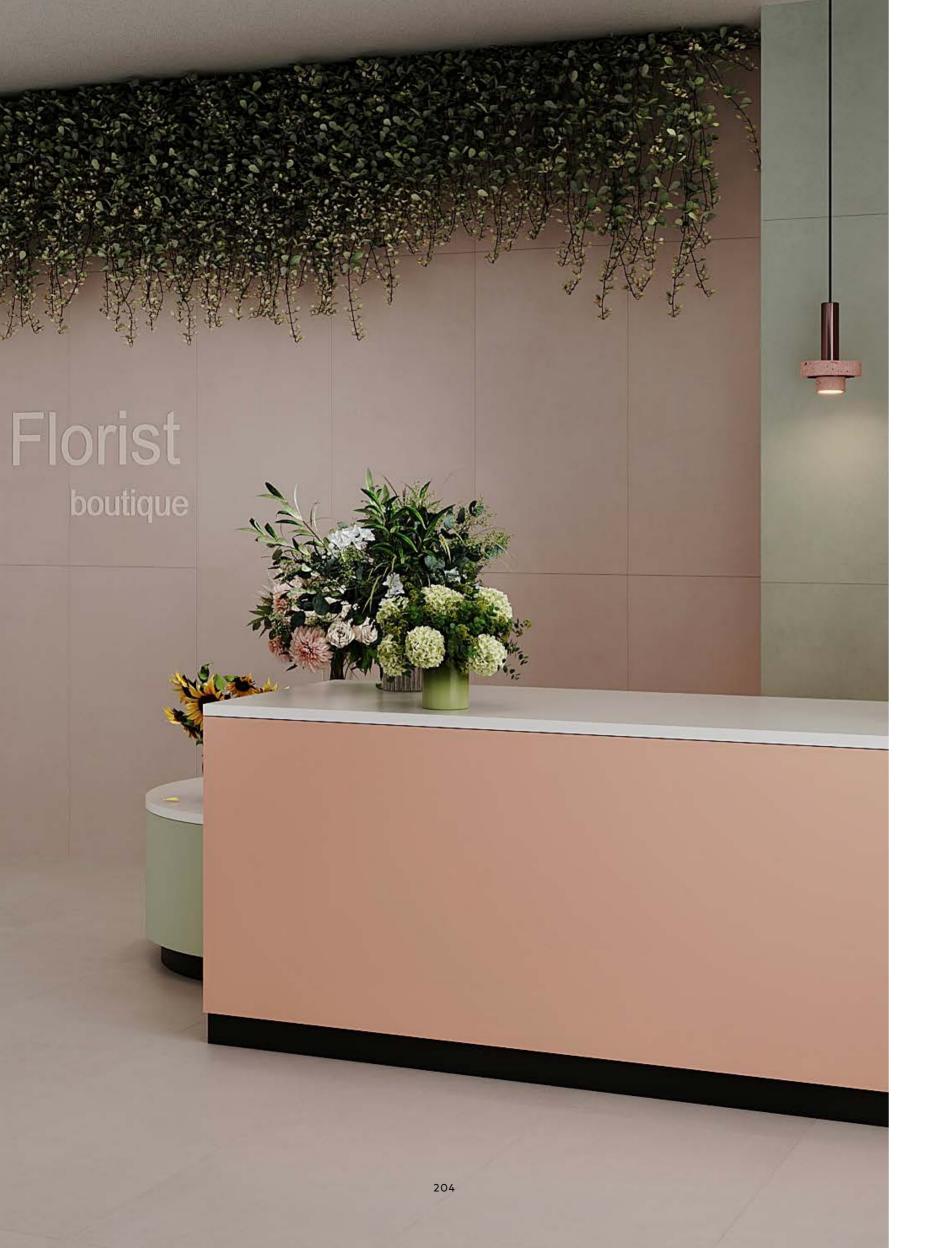
Wash Basin: Natural Concrete Ash Matte

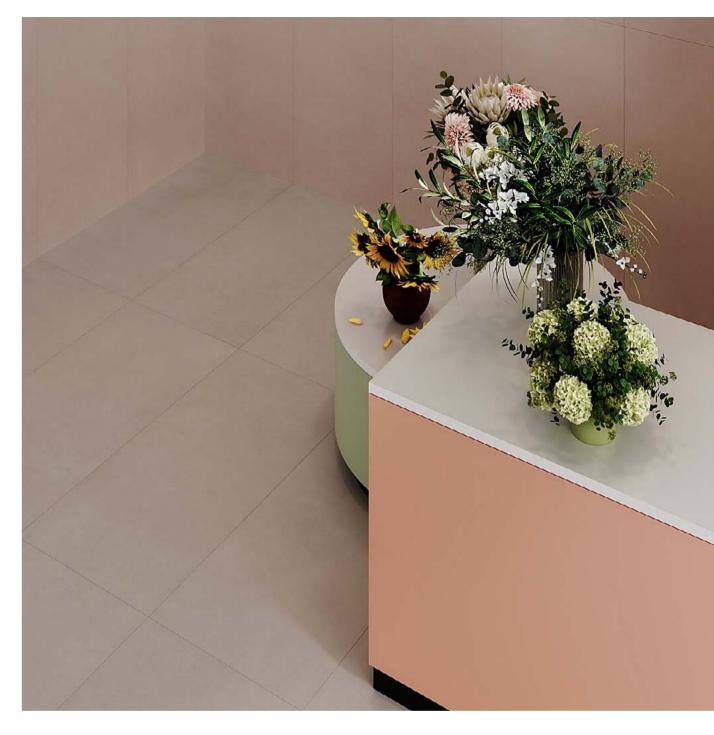




Natural Concrete Available other sizes upon demand. For more detail please contact sales department.

Green Blue Cotto Red 60x120 cm FGM-R5265 Matte | 8 Faces Thickness: 11.5 mm 60x120 cm FGM-R5270 Matte | 8 Faces Thickness: 11.5 mm 60x120 cm FGM-R5275 Matte | 8 Faces Thickness: 11.5 mm 60x120 cm FGM-R5285 Matte | 8 Faces Thickness: 11.5 mm



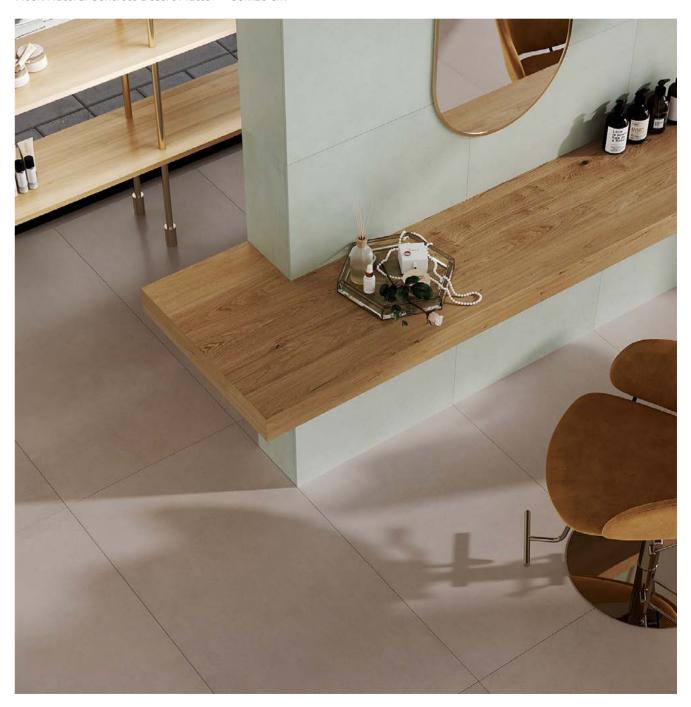


Wall: Natural Concrete Rose Blush Matte — 60x120 cm Floor: Natural Concrete Desert Matte — 60x120 cm





Wall: Natural Concrete Garland Matte — 60x120 cm Floor: Natural Concrete Desert Matte — 60x120 cm









Wall: Natural Concrete Orchid Matte — 60x120 cm Floor: Natural Concrete Desert Matte — 60x120 cm







Natural Concrete Available other sizes upon demand. For more detail please contact sales department.

Rose Blush

Orchid











Floor: Level Dark grey Matte $\,-\,$ 60x120 cm

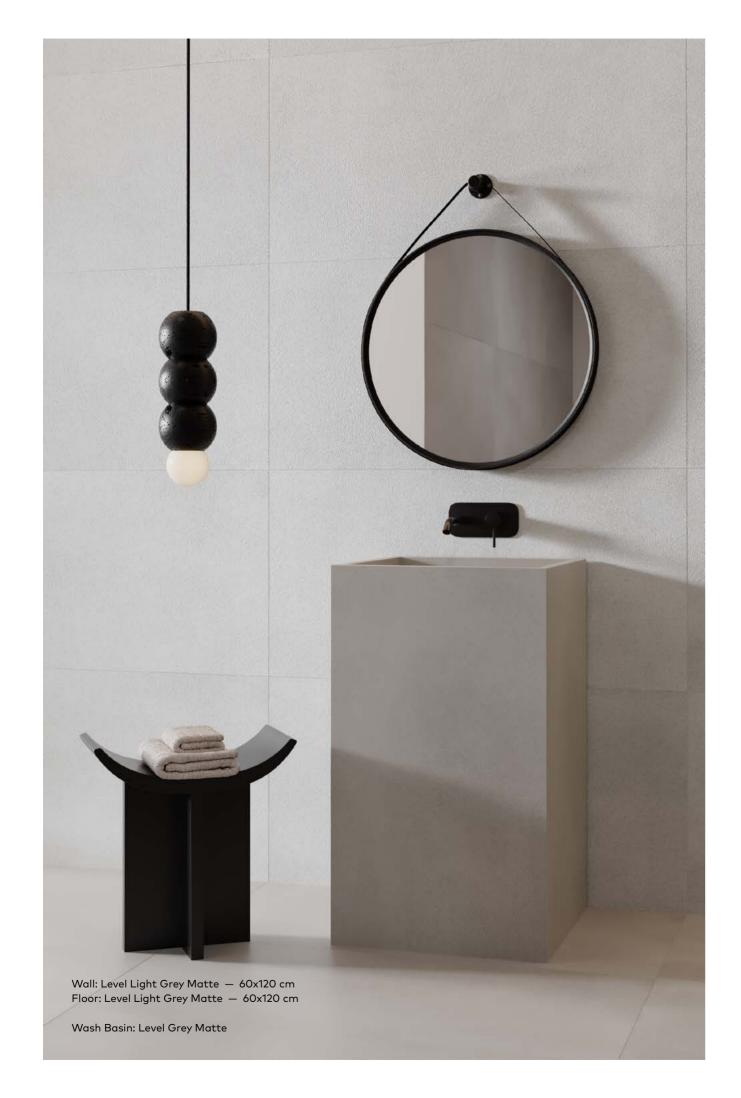




Wash Basin: Level Grey Matte







Light Grey

60x120 cm IMF2375R-M Matte | 7 Faces Thickness: 9 mm Grey Bei
60x120 cm 60x'
IMF2380R-M IMF238
Matte | 7 Faces Matte
Thickness: 9 mm Thickn

60x120 cm IMF2385R-M Matte | 7 Faces Dark Grey

60x120 cm IMF2390R-M Matte | 7 Faces Thickness: 9 mm Black
60x120 cm
IMF2395R-M
Matte | 7 Faces
Thickness: 9 mm



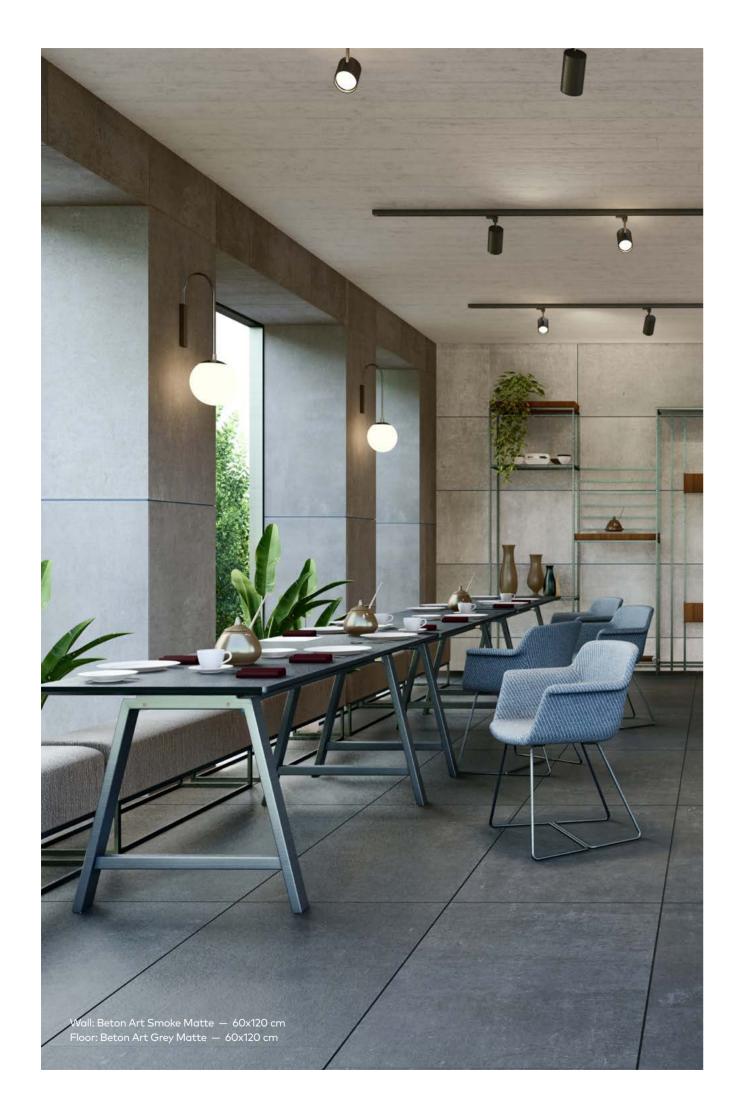
Floor: Beton Art Smoke and Grey Matte $\,-\,$ 60x120 cm



Beton Art

The interpreter of an essential but sophiticated style that tands out for the possibility of multiple combinations of cement effects designed to create integration, key element of the most attractive combination of concrete surface. Beton Art in 5 different colors and 5 random surfaces helps architects to achieve the esthetic of cement together with durability of porcelain, meet needs of modernity in their designs.

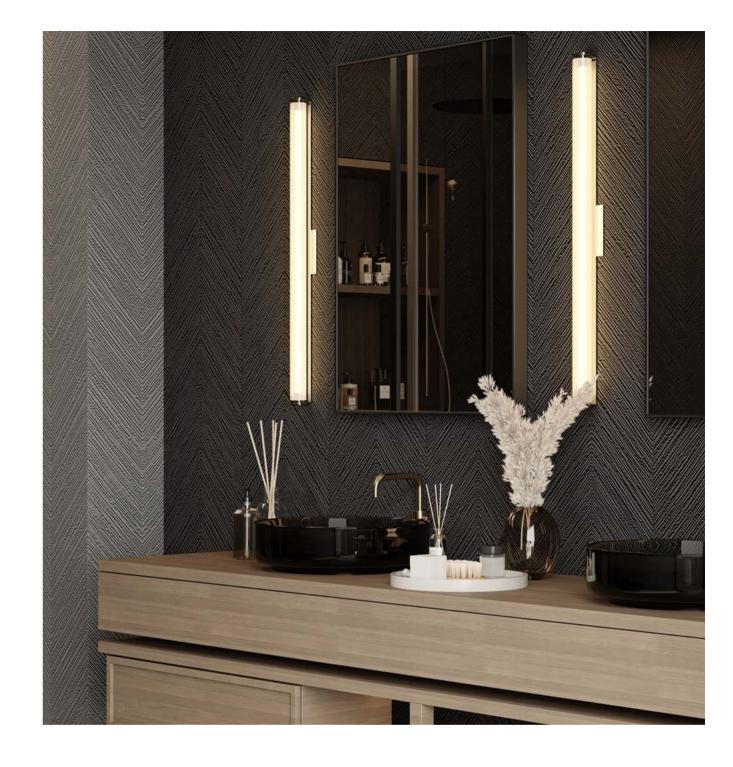












Mountain

The Chevron pattern has been used in construction since Roman Empire. It gives a sense of strength to the base and surface and that makes it trendy in construction design. Mountain relief which is the modern version of chevron pattern contains some details that perfects the texture and creates balance through variety of thickness and depth. The mono-color development of this product in three tonalities, Silver, Graphite and Coal keeps the simplicity and purity of this product while making the shining glitters more vivid and distinctive. This features also demonstrate the depth in this relief which is the especial characteristic of this collection.







Wall: Coal Mountian Galaxy Relief — 120x280 cm







Novelty







Metal Wind

Metal characteristics such as radiance and resistance evoke a sense of strength and luxury and metallic surface creates a subtle shine all over the space. The striped pattern of Metal's punch relief is trendy, elegant and modern. The creativity in this design is provided by the combination of the wavy lines in the relief with the dancing reflection of light on the uneven surface.



Wall: Metal Wind Relief — 120x280 cm



Novelty





Marquina Wind

Marquina Wind design is inspired by Nero Marquina marble originally from Spain, that is one of the most popular black marbles in ceramic industry. The veins in this elegant design are various in thickness which creates the balance and beauty. The deep black in this design captures the bold character of Marquina. Wind relief adds up to the advantages of this classic fashionable marble by balancing the intense dark tone through the movement and reflection of the light.





Marquina Wind



Novelty





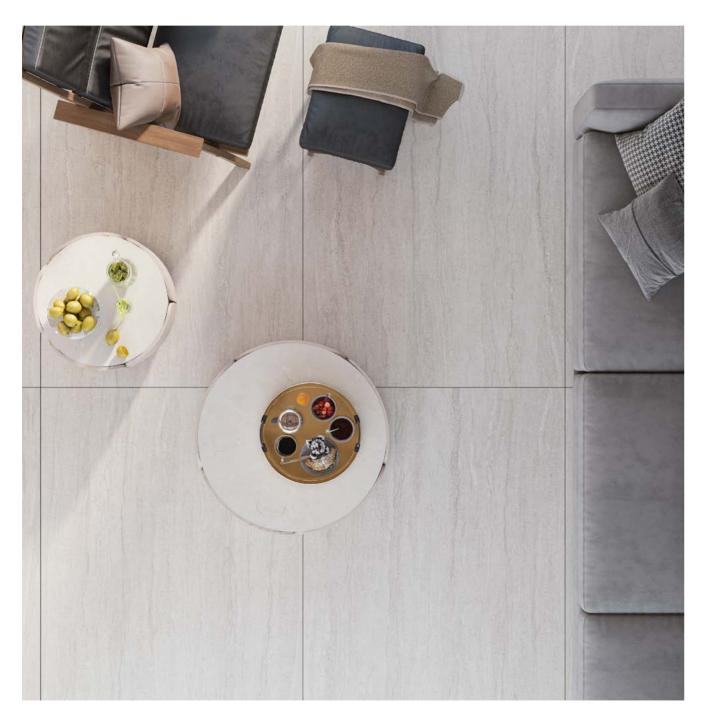
Travertino

Travertino invites you to step into tranquility, where the aesthetics of travertino provides you an experiencing a highly contemporary moment. Travertino brings an earthy touch to any space and combines the traditional charm of stone with the characteristics of porcelain slabs. Travertino is a suitable substrate for taking inspiration for those seeking a classic look with a chic twist.









Wall: Travertino Natural — 120x280 cm Floor: Travertino Natural — 120x280 cm

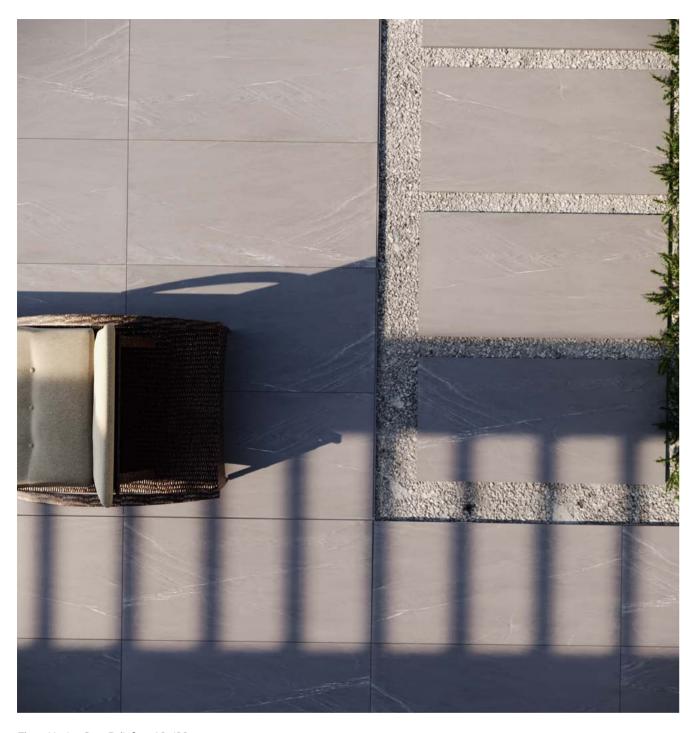






Native

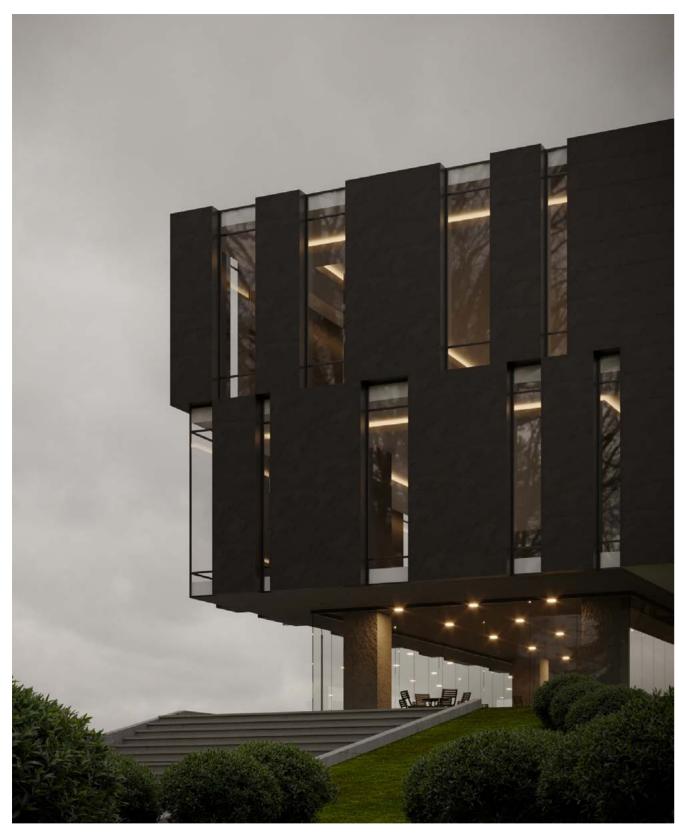
Native is an elegant slate with delicate and light veins that are deeply interwoven to create a subtle and sophisticated pattern. Native's relief texture evokes a modern interpretation of natural stone in a way that its low contrast and homogenous theme make it a perfect backdrop for any design style. It is time to upgrade your space with the natural beauty of Native and experience the durability of porcelain with a touch of natural stone charm.



Floor: Native Grey Relief - 60x120 cm







Stonetech

Stonetech is «monolithic»; it indicates harmony despite being unified. Stonetech comes with a natural stone relief that is soft to touch, yet express a fine natural stone look surface. Parallel details with a sufficient amount of monotone surface make this design fashionable yet suitable for facade and outdoor applications.







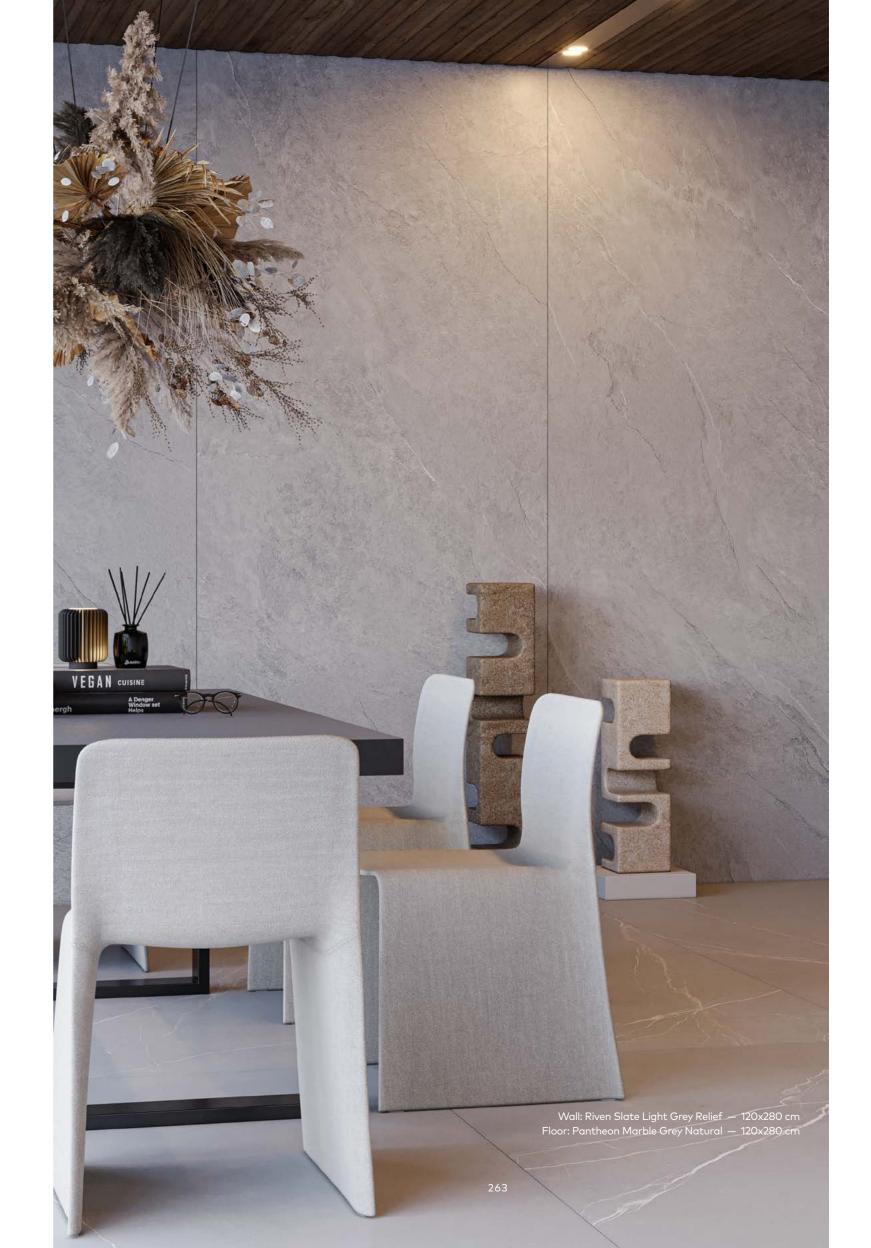




Riven Slate

Riven Slate is a mesmerizing creation inspired by volcanic rocks found in the east. It beautifully combines the elements of earth and water, as the magma of volcanoes meets cold waters to form captivating rock formations. This unique design is widely favored in contemporary and modern architecture, particularly for large surfaces. With its sophisticated blend of intense greys and neutral tones, Riven Slate effortlessly infuses any space with a minimal and modern style. The product's relief surface further enhances its appeal, adding depth and texture to its timeless charm and layered structure.









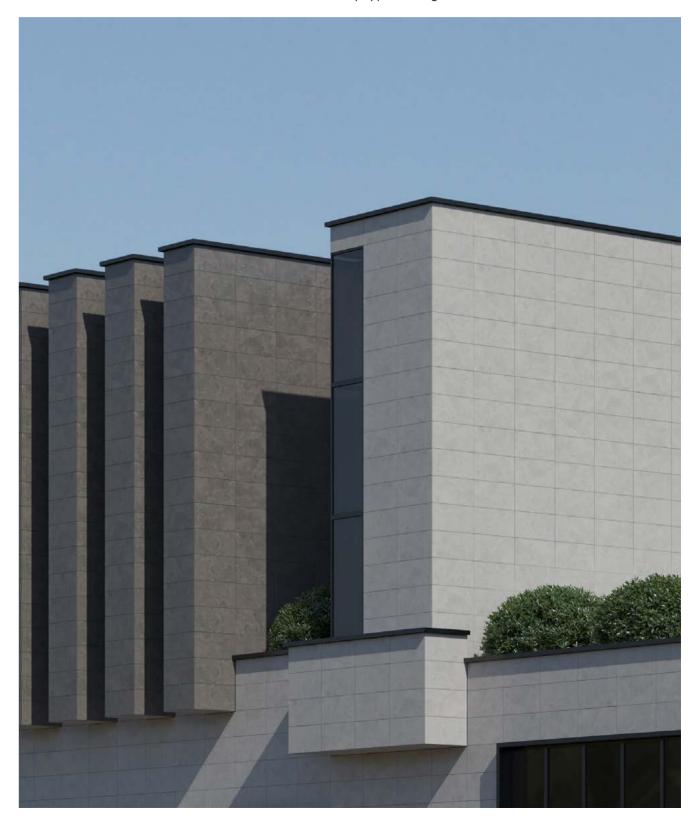
Wall: Riven Slate Light Grey Relief - 120x280 cm Floor: Pantheon Marble Grey Natural - 120x280 cm



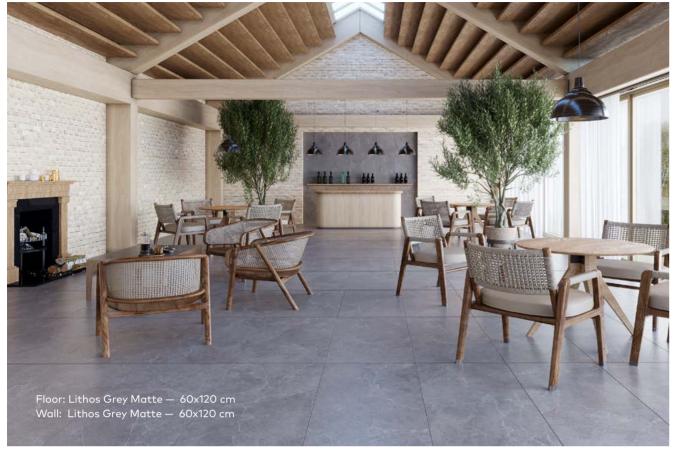


Lithos

Lithos combines the characteristics of different European lime stones to bring a feeling of soft delicate surface, yet present a rough sturdy structure. The series is suitable for any type of usage.













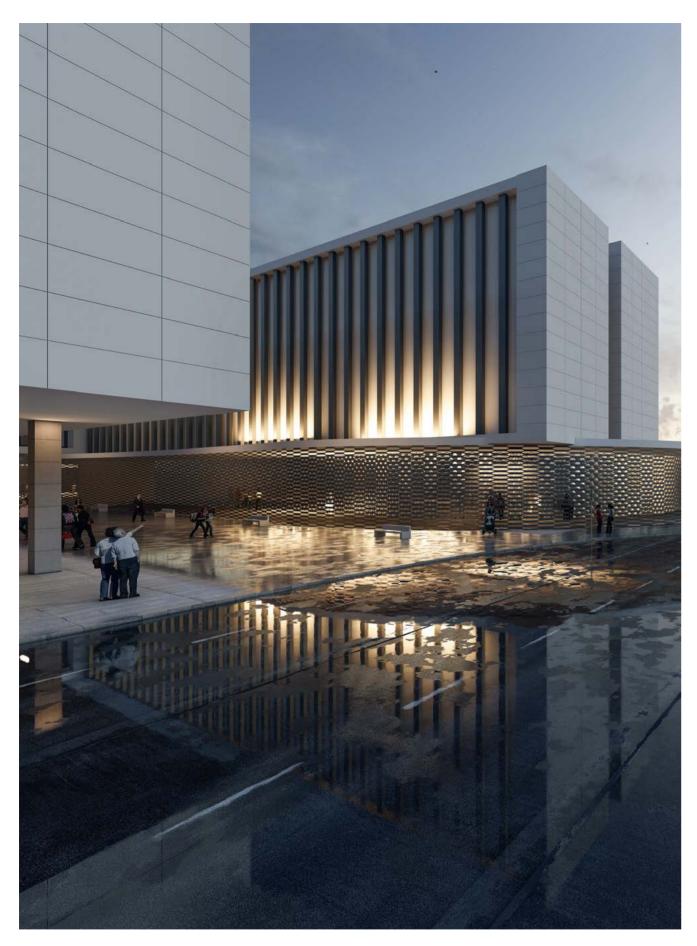






Monocolor Night

A perfect synthesis of technology, simplicity and pureness, living all in full colors. From light of white to darkness of black with combination of joyful day colors. Monocolor series of Aximer make architects dream come true by offering them a range of selected colors to create genial, flawless and solid spaces.



Facade: Monocolor White Matte — 60x120 cm

Monocolor Night Available other sizes upon demand. For more detail please contact sales department.









Oxide

Oxide is a remarkable slab that stands out with its unique and captivating design. With fabulous decorations and metal reflections, it offers the perfect opportunity to create dramatic and industrial spaces. Its intriguing mix of corten brown hues, light shades transitioning towards light grey, and a captivating matte metallic aesthetic that adds a touch of interest to any room. Oxide's noticeable oxidized appearance and warm colors instantly infuse character into your space. Combining the beauty of metal with the exceptional performance of ceramic in terms of resistance and ease of maintenance, Oxide is truly a remarkable choice.

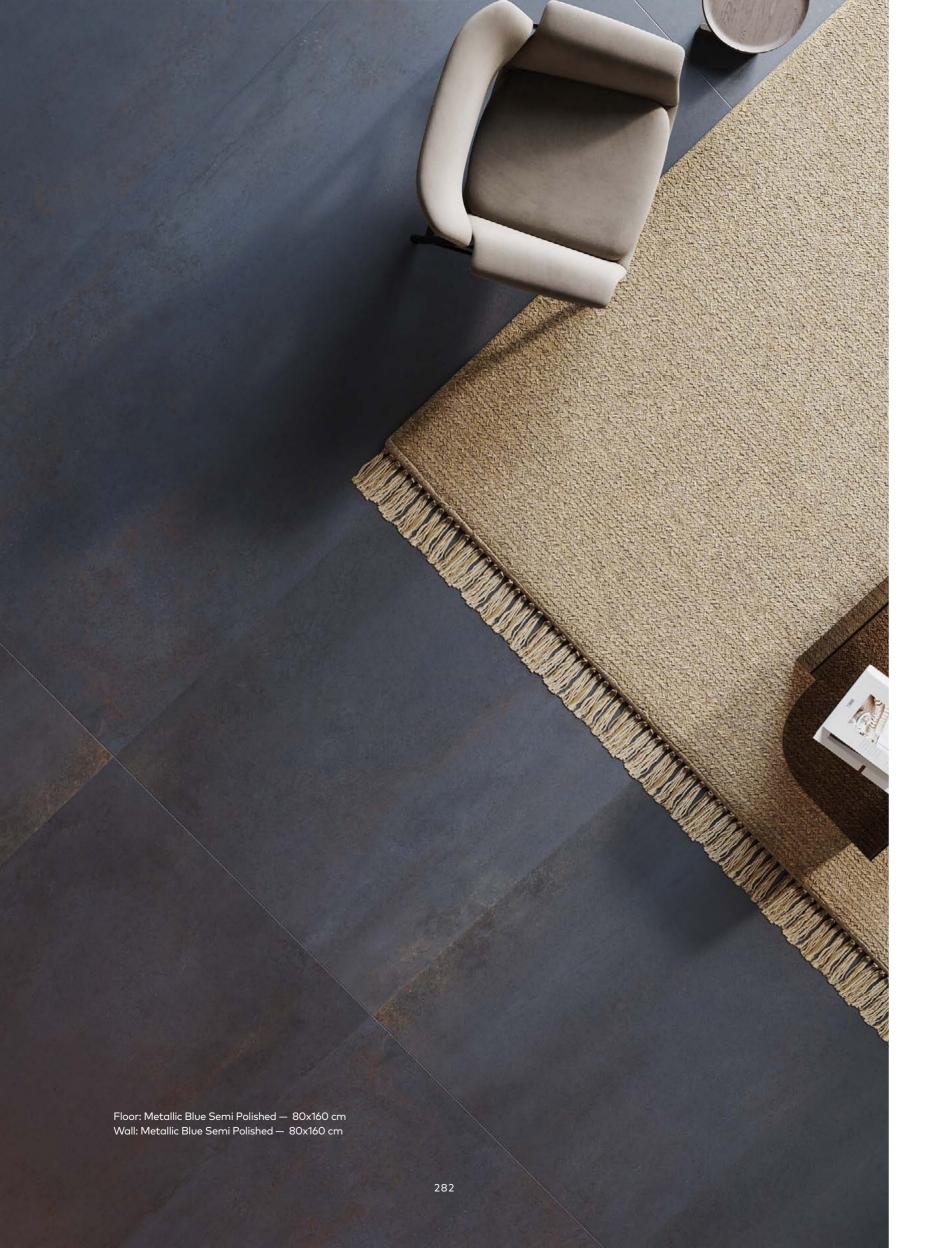


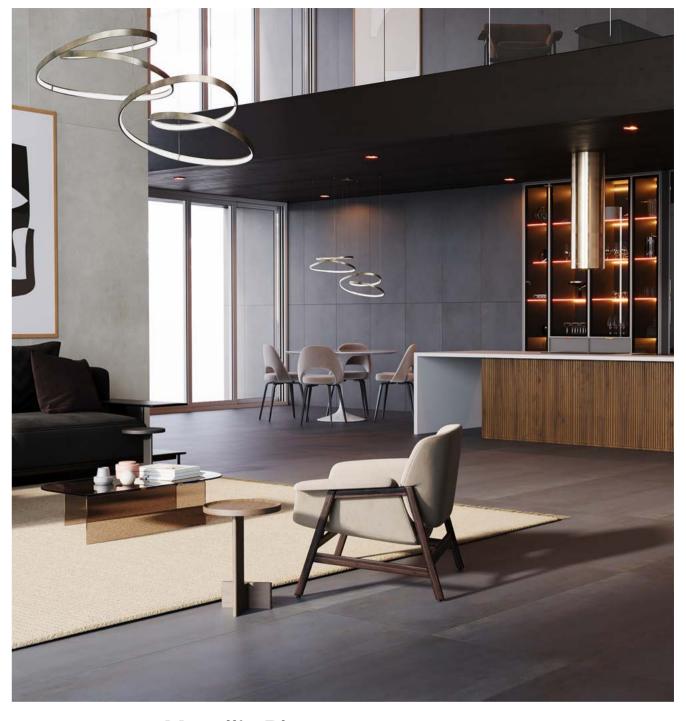




Facade: Oxide Metal — 120x280 cm and Natural Concrete Ash Matte — 60x120 cm







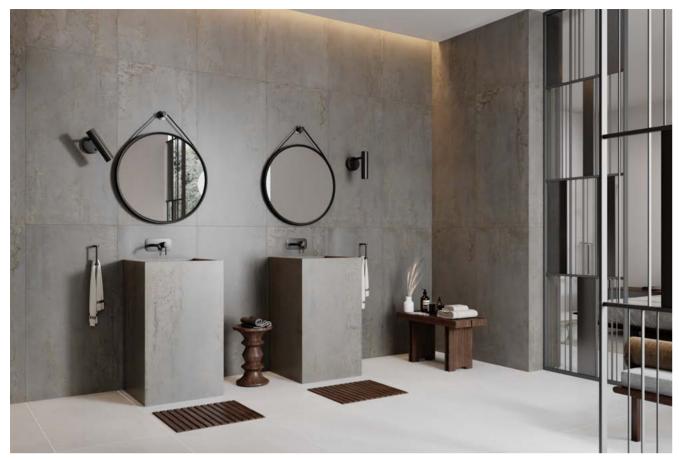
Metallic Blue

Metallic is a trace of oxidization that covers your surfaces by giving an original and unique accent. By Metallic collection, you can experience the most intimate emotion of metal and the beauty of industrial atmospheres whose delicate, refined, and unique textures enhance the natural and precious aesthetics of the material for a space with a timeless charm. Metallic with its semi polished surface brings an elegance and unconventional touch.















Floor: Reflection Navy Matte $\,-\,$ 60x120 cm







Floor: Reflection Navy Matte — 60x120 cm

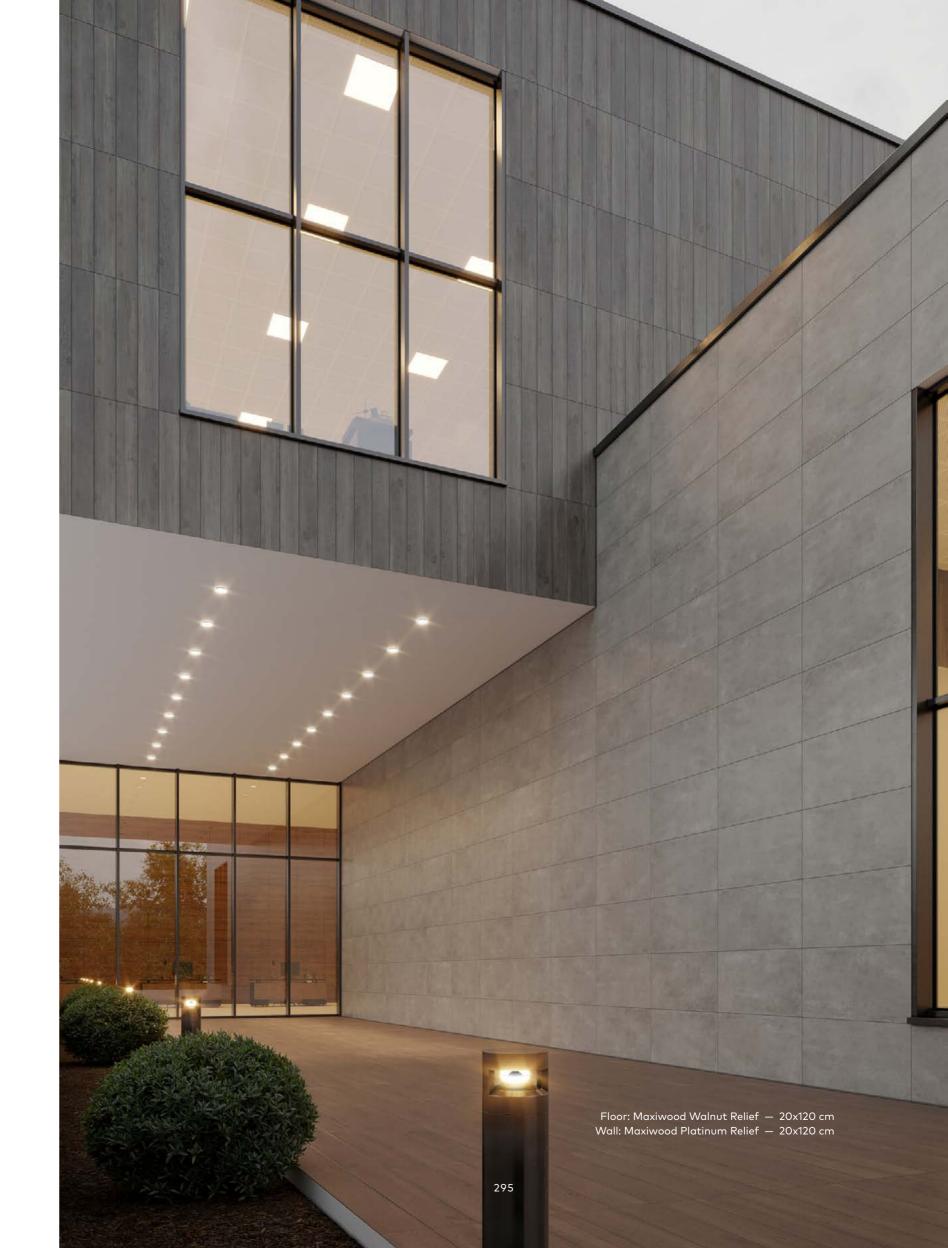




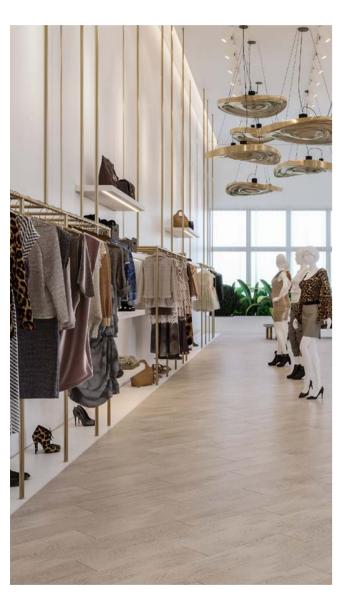


Maxiwood

Maxiwood is a great mix of warmth and elegance which is perfectly in harmony with the latest innovative trends. Maxiwood surface is enhanced by relief punch that gives natural touch with new emotion of wooden material character and personality to every setting. Thanks to the stable nature of porcelain, Maxiwood is able to tackle every condition and offers new uses of wood for floors and walls in residential and commercial spaces.









Wall: Maxiwood Almond Relief — 20x120 cm Floor: Maxiwood Almond Relief — 20x120 cm



TECHNICAL INFORMATION

Technical Characteristics

CHARACTERISTICS	Annex G	Group Bla	Test Method	Aximer Test	
CHARACTERISTICS	Requirments for n	ormal size n >15cm	rest Metriou	Result	
DIMENSIONS AND SURFACE QUALITY					
Length and width (cm)	±0.6%	max ±2mm	EN ISO 10545-2	Affirmative	
Thickness	+5%	max ±0.5mm	EN ISO 10545-2	Affirmative	
Rectangularity	±0.5%	max ±2mm	EN ISO 10545-2	Affirmative	
Straightness of sides	±0.5%	max ±1.5mm	EN ISO 10545-2	Affirmative	
Length and width (cm)	N >15cm ±0.6%	max ±2mm	EN ISO 10545-2	Affirmative	
Thickness	±5%	max ±0.5mm	EN ISO 10545-2	Affirmative	
Rectangularity	±0.5%	max ±2mm	EN ISO 10545-2	Affirmative	
Straightness of sides	±0.5%	max ±1.5mm	EN ISO 10545-2	Affirmative	
Surface flatness	±0.5%	max ±2mm	EN ISO 10545-2	Affirmative	
SURFACE FLATNESS					
a) Center curvature ,related to diagonal calculated from the work sizes	+0.5%	max ±2mm	EN ISO 10545-2	Affirmative	
b) Edge curvature, related to the corresponding work size	±0.5%	max ±2mm	EN ISO 10545-2	Affirmative	
c) Warpage, related to diagonal calculated from the work size	±0.5%	max ±2mm	EN ISO 10545-2	Affirmative	
PHYSICAL PROPERTIES					
Water absorption (in %by mass)	E <0.5%Individual	Maximum 0.6%	EN ISO 10545-3	Affirmative	
BREAKING STRENGTH (N)for Thickness ≥7.5mm	Not Less Than 1300	N	EN ISO 10545-4	Affirmative	
Flexural tensile strength or Modulus of rupture (N /mm²)	Minimum 35N /mm² Individual Minimum		EN 130 10343-4	Affirmative	
Impact resistance ,as: Coefficient of restitution (COR)	Declared Value		EN ISO 10545-5	Affirmative	
Resistance to deep abrasion of unglazed tiles : Removed value (mm³)	Maximum 175 mm³		EN ISO 10545-6	Affirmative	
Resistance to surface abrasion of glazed tiles intended for use on floors	Abrasion class and a	cycles passed	EN ISO 10545-7	Affirmative	
Coefficient of linear thermal expansion	Declared Value		EN ISO 10545-8	Affirmative	
Resistance to thermal shock	Pass according to E	N ISO 10545-1	EN ISO 10545-9	Affirmative	

CHARACTERISTICS	Annex G Group Bla	Test Method	Aximer Test Result	
CHARACTERISTICS	Requirments for normal size n >15cm	rest Method		
PHYSICAL PROPERTIES				
Frost resistance	Pass according to EN ISO 10545-1	EN ISO 10545-12	Affirmative	
Water absorption (in %by mass)	E ≤0.5% Individual maximum 0.6%	EN ISO 10545-3	Affirmative	
Breaking strength for thickness 7.5mmand more	Not less than 1300N	EN 100 405 (5 /	Affirmative	
Flexural tensile strength or Modulus of rupture (N /mm²)	Minimum 35N /mm² Individual minimum 32N /mm²	EN ISO 10545-4	Affirmative	
Resistance to deep abrasion of unglazed tiles: Removed Volume	Maximum 175mm³	EN ISO 10545-6	Affirmative	
Coefficient of linear thermal expansion	cient of linear thermal expansion Declared value		Affirmative	
Resistance to thermal shock	Pass according to EN ISO 10545-1	EN ISO 10545-9	Aft mative	
Frost Resistance	Pass according to EN ISO 10545-1	EN ISO 10545-12	Affirmative	
CHEMICAL PROPERTIES				
Resistance to the low concentration of acids & alkanes	Declared Value		Affirmative	
Resistance to the high concentration of acids & alkanes	Declared Value	EN ISO 10545-13	Affirmative	
Resistance to household chemicals & swimming pool salts	Minimum Class B		Affirmative	
Resistance to staining (unglazed tiles)	Declared Value	EN ISO 10545-14	Affirmative	
Resistance to staining (Unglazed tiles)	Declared value	EN ISO 10545-14	Affirmative	
Resistance to the low concentration of acids & alkalis	Declared value		Affirmative	
Resistance to the high concentration of acids & alkalis	Declared value	EN ISO 10545-13	Affirmative	
Resistance to household chemicals & swimming Pool Salts	Minimum class B		Affirmative	

Technical Characteristics

WATER ABSORPTION

1SO 10545-3

The water absorption of Aximer slabs is minimized thanks to production and quality control standards of an extremely high level, which guarantees compactness and a reduced level of porosity. The value given in the tables of technical characteristics refers to the percentage of water absorbed with respect to the mass.

BENDING RESISTANCE

1SO 10545-4

The value expressed allows an analysis of the ability of the slabs to withstand static and dynamic stress in the test conditions.

ABRASION RESISTANCE

1SO 10545-6

The test is performed on unglazed (UGL) surfaces in order to determine the quantity of material that is removed following the action of an abrasive disc (150 revs). The Aximer slabs prove to be more resistant the less material is removed by the disc.

FROST RESISTANCE

1SO 10545-12

Outdoor applications are particularly prone to deterioration due to frost, because in the event that any water absorbed turns into ice, this can lead to the tile breaking. The Aximer slabs are not damaged by frost in any way thanks to their compactness and low porosity.

RESISTANCE TO CHEMICAL AGGRESSION

1SO 10545-13

The laboratory analysis is able to determine the resistance of glazed (GL) and unglazed (UGL) surfaces to chemical aggression by using acids and bases with a high concentration in line with the following classification: LA, HA, A: no visible effect.

SLIPPERINESS

DIN 51130-1

In this test, a person is asked to stand on a flat surface covered with tiles and sprinkled with oil. This surface is then tilted until the person, wearing specific footwear, starts to slip. The following classification is established by the angle of inclination of the tiled surface at the moment the person starts to slip:

up to <6° unclassified 6°< to 10° R9

STAIN RESISTANCE

1SO 10545-14

Three different elements (oil, iodine solution, and green chrome solution) are applied to and left on the tiles for 24 hours, after which they are then cleaned:

Class F 5

The stain is removed with hot running water for 5 minutes.

» Class E 4

The stain is removed using a weak neutral detergent and a non-abrasive sponae.

» Class E 3

The stain is removed using a basic detergent containing an abrasive agent and

a rotating brush with hard bristles.

» Class E 2

The stain is removed using a suitable solvent, left on the stain for $24\,$

» Class E1

The stain cannot be removed.

CHARACTERISTICS OF THE Aximer SLABS

The Aximer slabs are produced only with natural, mineral raw materials. Research on the product has made it possible to obtain an effect that is extremely close to the natural material, with the advantage that the typical defects and blemishes in the original product found in nature can be removed using technology.

- » Basic formats and special trims can be supplied in autonomous shades. Any minor variations in size fall within the standard tolerance values:
- » Any minor dots add to the natural feel of the material;
 » Any second choice or discontinued products are sold on an "as seen"
 basis and may not be returned:
- » The use of Aximer slabs with non-rectified edges is allowed only after the de-tensioning of the slab by removing any excess from the outer edges, as per the specifications in the technical manual.

DOCUMENTATION

302

The engineered surface reserves the right to make changes to the products illustrated in this catalog for production requirements or with the aim of improving the technical/aesthetic quality. The samples are purely indicative. The packaging and weight information is shown may vary for production

requirements. To avoid any problems, we recommend contacting the sales department at the time of placing an order.

USE AND MAINTENANCE

SUGGESTIONS FOR CORRECT FITTING AND CLEANING

Although the slabs are mainly intended for furnishing, Aximer slabs may also be fitted in the traditional way as flooring and wall coverings to create spaces with a "total look". The following specifications refer to slabs fitted as flooring and wall coverings. With regard to the gluing of the slabs on furnishing elements, we recommend you consult the Aximer technical manual.

FITTING

When you receive the material ordered and in any case before fitting. it is important to check carefully the characteristics of the material (compliance with size, shade, and quality). No complaints will be accepted for any materials that have already been fitted if the defects were visible prior to fitting. To obtain the best gesthetic results, we recommend mixing the graphics accurately to avoid repeating patterns and to obtain the best possible results in terms of layout and color. The slabs can be fitted using specific high-performance adhesives for porcelain stoneware, adhesives in category C2 or above. We recommend applying the adhesive on both sides to prevent any breakages of the material once fitted. Please remember that at the time of fitting, the substrate must be stable, dry, and properly prepared, not frosted, and not too hot and that it is necessary in any case to follow the instructions provided by the manufacturers of the materials for the specific substrates and adhesives used. Cement-based adhesives must be applied at room temperature, in general between 5°c and 30/35°c. It is hereby understood that we recommend observing the technical times indicated by the manufacturers of the adhesives used. The most suitable adhesives for fitting the Aximer slabs are listed in the European Standard currently in force: EN12004. When fitting the material, avoid using pencils (graphite) or permanent markers to make marks on the surface, particularly on polished products. The Aximer slabs can be shaped and cut using purpose-built diamond discs and equipment for porcelain stoneware.

JOINTS AND GROUTING

We strongly advise against fitting the slabs without joints. We also recommend a minimum joint of 3 mm (this type of fitting allows the $\,$ grout to have a better grip on the sides of the slabs, greater absorption of any movements of the substrate, and consequently of the slabs themselves). In large, open spaces it is absolutely essential to position the expansion joints at regular intervals; in smaller rooms, on the other hand, it is sufficient to leave a slight space between the tiled surface and the walls around the room, adding a final touch with a skirting board or with the wall covering. Please refer in any case to the advice/suggestions of the planner, the works director, or the tile fitter to avoid problems of any sort. For the best possible results, we suggest using tone-on-tone grouting. It is important to remove any excess grouting immediately and accurately after application while still fresh. using a sponge and plenty of water. A few days after fitting, once the joints are completely dry, it is essential to thoroughly clean the tiled surface using buffered acids (see the after fitting instructions) in order to completely remove all cement-based residues.

CLEANING "AFTER FITTING"

Properly cleaning the files after they have been fitted is crucial. If residues of grouting are not properly removed, this may leave marks that are difficult to remove later, due to a film of cement that can absorb any kind of dirt. It is essential to loosen and eliminate these residues completely using buffered acids diluted in water (read the instructions for use on the packages of the products used), soon after fitting, and to thoroughly rinse any residues from the fitted surface in order to prevent any damage to the material. It is preferable to try cleaning a small part of the surface first; if the results are good, the entire surface can then be cleaned. After this, the floor must then be cleaned using a basic or alkaline detergent. These must be degreasing because the surface treatment might help to trap dirt. For Polished slabs with a marble effect. Aximer recommends taking special care when cleaning the surface using buffered acids, as the surface may be damaged if the acid is not removed quickly. For polished surfaces, the use of non-abrasive cleaning equipment is necessary to prevent the surface from losing its shine or becoming scratched.

ROUTINE CLEANING

For routine cleaning of the Aximer slabs, we strongly advise against the use of waxes, greasy soaps, fillers and various treatments (water repellent) treatments. In order to prevent any shiny patinas from forming on the slabs, Aximer would like to point out that hydrofluoric acid (HF) and its derivatives cause irrevocable damage to its products. For routine cleaning operations, Aximer recommends the use of bleach and ammonia, appropriately diluted in water; for the Polished finish, it suggests drying the floor after cleaning to avoid any marks.

EXTRAORDINARY CLEANING

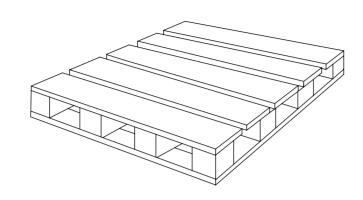
In the case of particularly stubborn stains, we recommend the use of specific detergents, which are indicated in greater detail in the table entitled "cleaning products". Furthermore, it should not be forgotten that it is easier to remove any stain when still fresh. It is always important to test the detergents on a small area before applying them to the entire surface, particularly on Polished surfaces.

RAISED FLOORINGS

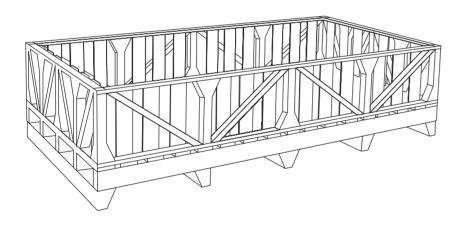
303

In the case of raised floorings, it is not possible to use a large quantity of water; we, therefore, recommend using a floor cloth that has been properly wrung. Routine cleaning must be carried out using purpose made floor cloths, lukewarm water, and detergent, reducing the amount of water used. Stains can still be removed using concentrated products directly on the stains.

Packing



Size	Thickness	Weight Pallet	Sqm Box	Pieces Box	Kg/Box	Box/Pallet	Sqm Pallet
60x120 cm Polished	11.5 mm	2,292	1.44	2	38.2	60	86.4
60x120 cm Matte	11.5 mm	2,250	1.44	2	37.5	60	86.4
60x120 cm	9 mm	2,160	1.44	2	30	72	103.68
20x120 cm	11.5 mm	2,021	0.96	4	26	84	80.64
60x60 cm	20 mm	1,242	0.72	2	31.04	40	28.8



Size	Thickness	Weight Pallet	Sqm Box	Pieces Box	Kg/Box	Box/Pallet	Sqm Pallet
100x100 cm	10 mm	1,932	2	2	46	42	84
80x160 cm	9.5 mm	1,370	1.28	-	27.4	50	64
120x120 cm	9.5 mm	1,530	1.44	-	32.5	45	64.8
120x240 cm	9.5 mm	2,354	2.88	-	62	36	103.68
120x280 cm	9.5 mm	2,730	3.36	-	72	36	120.96
160x320 cm	9.5 mm	2,600	5.12	-	110	22	112.64

304

Technical Details

Table -2 Characteristic of Ceramic Tiles Required for Different Applications

CHARACTERISTICS ^{o)}		FLOO	RINGS	WA	LLS	TEST METHOD	
A)	DIMENSIONS AND SURFACE QUALITY	INTERIOR	EXTERIOR	INTERIOR	EXTERIOR	REFERENCE	
A.1	Length and Width (cm)	X	X	Х	X	EN ISO 10545-2	
A.2	Thickness	X	Х	х	Х	EN ISO 10545-2	
A.3	Straightness of Sides (i.e. Facial Sides) ^{b)}	x	х	x	х	EN ISO 10545-2	
A.4	Rectangularityb ^{b)}	Х	Х	Х	Х	EN ISO 10545-2	
A.5	Surface Flatness	Х	Х	Х	Х	EN ISO 10545-2	
A.6	Surface Quality	X	X	Х	X	EN ISO 10545-2	
В)	PHYSICAL PROPERTIES	INTERIOR	EXTERIOR	INTERIOR	EXTERIOR	REFERENCE	
B.1	Water Absorption	X	X	X	X	EN ISO 10545-3	
B.2	Breaking Strength ^{c)}	X	X	X	X	EN ISO 10545-4	
B.3	Flexural Tensile Strenght ^d)or Modules of Ruptured ^d)	X	X	X	X	EN ISO 10545-4	
B.4 a	Resistance to Deep Abrasion -Unglazed Tilesd ^{d)}	X	X			EN ISO 10545-6	
B.4 b	Resistance to Surface Abrasion -Glazed Tiles ^{c)}	X	X			EN ISO 10545-7	
B.5	Leaner Thermal Expansion ^{g)}	X	X	Х	X	EN ISO 10545-8	
B.6	Resistance to Thermal Shock ^{f)}	Х	Х	X	X	EN ISO 10545-9	
B.7	Resistance to Crazing ^{g)}	x	х	х	х	EN ISO 10545-11	
B.8	Freeze -Thaw Resistanceh ^{h)}		х		х	EN ISO 1015-12	
B.9	Slipperiness	х	х			FprCEN /TS 16165:2011 ^D	

	CHARACTERISTICS®)	FLOO	RINGS	WA	LLS	TEST METHOD
B.10 a	Bond Strength / Adhesion ^{k)} - Cementitious Adhesives			Х	х	EN 12004:2007,4.1
B.10 b	Bond Strength / Adhesion ^{k)} - Dispersion Adhesives			Х	Х	EN 12004:2007,4.2
B.10 c	Bond Strength / Adhesion ^{k)} - Reaction Resin Adhesives			Х	Х	EN 12004:2007,4.3
B.10 d	Bond Strength / Adhesion ^{k)} - Mortar			х	х	EN ISO 10545-12
B.11	Moisture Expansion ⁰	x	x	X	X	EN ISO 10545-10
B.12	Small Color Differences ^{m)}	Х	Х	Х	X	EN ISO 10545-16
B.13	Impact Resistance ⁿ⁾	Х	Х			EN ISO 10545-5
B.14	Reaction to Fire®	X		X	Х	WT
B.15	Tactility ^{p)}	X	x			CEN TS 15209)
C)	CHEMICAL PROPERTIES	INTERIOR	EXTERIOR	INTERIOR	EXTERIOR	REFERENCE
C.1 a	Resistance to Staining -Glazed Tiles ^q)	X	X	X	X	EN ISO 10545-14
C.1 b	Resistance to Staining -Unglazed Tiles ^q)	X	X	X	X	EN ISO 10545-14
C.2 a	Resistance to Acids and Alkalis of Low Concentration')	Х	X	Х	х	EN ISO 10545-13
C.2 b	Resistance to Acids and Alkalis of High Concentration')	Х	X	Х	х	EN ISO 10545-13
C.2 c	Resistance to Household Cleaning Agents and Swimming Pool Chemicals')	х	х	х	Х	EN ISO 10545-13
C.3 a	Release of Cadmium -Glazed Tilest ^t)	х	х	Х	Х	EN ISO 10545-15
C.3 b	Release of Lead -Glazed Tilest*)	х	х	Х	Х	EN ISO 10545-15
C.3 c	Release of Other Dangerous Substances ^s)	х	х	х	х	As Relevant

Ceramic tiles shall be classified into groups according to two parameters: by their method of manufacture (also referred to "shaping") that is, extrusion (method A) or dry-pressing (method B), and by their water absorption level (see 3.9 and Table 1). The groups do not presuppose the usage of the products. The requirements for each product group shall be as given in Annexes A to L.

Table 1 - Classification of ceramic tiles with respect to water absorption and shaping

	Water Absorption (E _b)						
Shaping	Group E _b ≤ 3%	Group II 3% < E _b ≤ 6%	Group II _b 6% < E _b ≤ 10%	Group III E _b > 10%			
Method A	Group Al $E_b \leq 0.5\%$ (see Annex L)	Group All _{a-1} °) (see Annex B)	Group All _{b-1} °) (see Annex D)	Group AllI (see Annex F)			
Extruded	Group Al _b $0.5\% < E \le 3\%$ (see Annex A)	Group All _{o-2} ^{o)} (see Annex C)	Group All _{b-2} ^{o)} (see Annex E)	Group BIII₅ (see Annex K)			
Method B Dry-pressed	Group BI _a E _b ≤ 0.5% (see Annex G)	Group Bll	Group BII _b (see Annex J)				
	Group Bl _b 0.5% < E _b ≤ 3% (see Annex H)	(see Annex)					

a) Groups All and All, are divided into two parts (parts 1 and 2) with different product specifications. Part 1 covers most of the tiles in the group; part 2 covers certain specific products, which are manufactured under different names (e.g. terre cuite in France and Belgium, cotton in Italy, and baldosin Catalan in Spain).

b) Group BIII covers glazed ceramic tiles only. There is no quantity of dry-pressed unglazed tiles produced with water absorption greater than 10% that is not covered by this product group.

С	For floorings only.
d	For walls only.
е	See N.2.2.
f	For ceramic tiles which intended use is subject to localized thermal shock
g	For glazed ceramic tiles only.
h	For ceramic tiles that are intended to be used where frost may apply.
i	For floorings on pedestrian circulation areas (where required are regulation).
j	Unless a different test method is required by national regulations in the market of the relevant Member State(s) for the intended use, in which case the test method and results shall be declared as given therein.
k	For walls when performing the test with actual ceramic tiles and suitable adhesive(s) or mortar only.
I	See N.2.3.
m	See N.2.6.
n	See N.2.1.
0	For ceramic tiles intended to be used for internal floorings and for internal and external walls only.
р	For tactile paving surface only i.e. when required for blind or vision impaired persons.
q	See N.2.5.
r	See N.2.4.
s	When relevant, see Notes 1 and 2 in ZA.1 for the release of other dangerous substances, if any.
t	For glazed ceramic tiles only, when intended to be used on worktops and on wall surfaces where food preparation takes place and food may be in direct contact with the glazed tile surface. As indicative limits reference could be made to Direct 2005/31/CE.

a Requirements for these characteristics are given in Annex A to L.

b Not applicable for ceramic tiles having curved shapes.

NOTE 1 Characteristics given in this table in "plain" text are relevant to all intended uses, while those in "italics" are additionally relevant for the specific intended use(s) only.

NOTE 2 Characteristics, given in this table in "bold" text, are the mandated essential characteristics or the corresponding proxy characteristics (for CE marketing, see Annex ZA) and those in "normal" text, the voluntary characteristics (not for CE marketing).

ANNEX G EN 14411

Requirements for Dry-pressed Ceramic Tiles With Low Water Absorption of GROUP BI_a ($E_b \le 0.5\%$)

Requirements for Dimension and Surface Quality and for Physical and Chemical Properties of this Group of Ceramic Tiles Shall be in Accordance With Table G.1

Table G.1 - Requirements for Dry-pressed Ceramic Tiles with Low Water Absorption, GROUP BI_g ($E_b \le 0.5\%$)

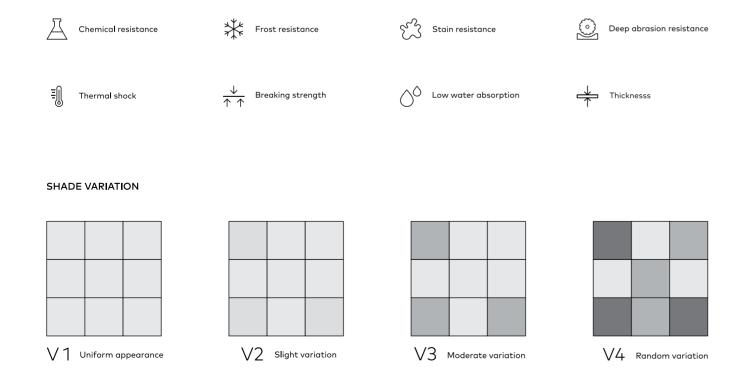
Requirer	Requirements for Nominal Size N				
7 cm< N <15 cm	N≥	15 cm	Test Method		
(mm)	%	(mm)			
In order to allow a no	ominal joint width of	between 2 and 5mm	-		
	So that the difference between the work size and normal size is not more than 2% (max 0.5mm)				
+0.9 mm	±0.6%	±2.0 mm	EN ISO 10545-2		
		1			
Declared thickness			-		
+0.5 mm	±5%	+0.5 mm	EN ISO 10545-2		
			-		
+0.75 mm	±0.5%	+1.5 mm	EN ISO 10545-2		
			-		
+0.75 mm	±0.5%	+2 mm	EN ISO 10545-2		
	7 cm< N <15 cm (mm) In order to allow a not size is not more that +0.9 mm Declared thickness +0.5 mm	7 cm N ≥ 1 (mm) % In order to allow a nominal joint width of So that the difference between the wor size is not more than 2% (max 0.5mm) +0.9 mm ±0.6% Declared thickness +0.5 mm ±5% ±5%	7 cm< N <15 cm N ≥ 15 cm (mm) % (mm) In order to allow a nominal joint width of between 2 and 5mm So that the difference between the work size and normal size is not more than 2% (max 0.5mm) +0.9 mm ±0.6% ±2.0 mm Declared thickness +0.5 mm ±5% +0.5 mm +1.5 mm		

CHARACTERISTICS	7 cm< N <15 cm	Test Method			
	(mm)	%	(mm)		
b) Edge Curvature, Related to the Corresponding Work Size	+0.75 mm	±0.5%	+2 mm	EN ISO 10545-2	
B) PHYSICAL PROPERTIES					
B.1 WATER ABSORPTION (IN %BY MASS)	E _b ≤ 0.5 Individual maximum	0.6%		EN ISO 10545-3	
B.2 BREAKING STRENGTH, FOR :					
a) Thickness ≥ 7.5mm	Not less than 1300N	I		EN ISO 10545-4	
b) Thickness < 7.5mm	Not less than 700N			EN ISO 10545-4	
B.3 FLEXURAL TENSILE STRENGTH OR MODULUS OF RUPTURE ^d		Minimum 35N /mm² Individual minimum 32N / mm²			
B)PHYSICAL PROPERTIES					
B.4 ABRASION RESISTANCE					
a) Resistance to Deep Abrasion of Unglazed Tiles : Removed Volume	Maximum 175 mm³			EN ISO 10545-6	
b) Resistance to Surface Abrasion of Glazed Tiles Intended for Use on Floors ^e	Abrasion class and c	ycles passed		EN ISO 10545-7	
B.5 COEFFICIENT OF LINEAR THERMAL EXPANSION					
- From Ambient Temperature to 100 °C	Declared value ^f			EN ISO 10545-8	
B.6 THERMAL SHOCK RESISTANCE	Pass according to El	N ISO 10545-1 ⁹		EN ISO 10545-9	
B.7 CRAZING RESISTANCE: Glazed Tiles ^h	Pass according to El	N ISO 10545-1 ⁹		EN ISO 10545-11	
B.8 FROST RESISTANCE	Pass according to El	N ISO 10545-1 ⁹		EN ISO 10545-12	
B.9 SLIPPERINESS	Declared value (s) ⁹			PrCEN /TS 16165:2011 ⁱ	
B.10 BOND STRENGHT / ADHESION, FOR:					
a) Cementitious Adhesives ^k	Declared value (s)			EN 12004:2007,4	

CHARACTERISTICS	7 cm< N <15 cm	N≥	15 cm	Test Method
	(mm)	%	(mm)	
b) Dispersion Adhesives ^k	Declared value (s)			EN 12004:2007,4.2 ¹
a) Glazed Tiles	ΔΕ<0.75			EN ISO 10545-16
b) Unglazed Tiles	ΔE <1.0			EN ISO 10545-16
B.13 IMPACT RESISTANCE, as:				
- Coefficient of Restitution (COR)	Declared value ^f			EN ISO 10545-5
B.14 REACTION TO FIRE	(Class A1 or A1 _{FL}) ^m			-
B.15 TACTILITY ⁿ	Declared surface de	scription ^g		CEN /TS 15209 ⁱ
C) CHEMICAL PROPERTIES				
C.1 RESISTANCE TO STAINING, FOR:				
a) Glazed Tiles	Minimum calss 3			EN ISO 10545-14
b) Unglazed Tiles	Declared value ^f			EN ISO 10545-14
C.2 RESISTANCE TO CHEMICAL				
a) Resistance to Low Concentration of Acids and Alkalis	Declared value ^f			EN ISO 10545-13
b) Resistance to High Concentration of Acids and Alkalis	Declared value ^f			EN ISO 10545-13
c) Resistance to Household Chemicals and Swimming Pool Salts	Minimum calss B			EN ISO 10545-13
C.3 RELEASE OF DANGEROUS SUBSTANCES				
a) Cadmium (in mg /dm²)	Declared value ⁹			EN ISO 10545-15
b) Lead (in mg /dm²)	Declared value ⁹		EN ISO 10545-15	
c) Other Dangerous Substances°	Declared value			As Relevant

- a Similar joint widths may be used to apply to the traditional systems based on non-metric sizes.
- b Not applicable for tiles having curved shapes.
- c Because of firing, a slight variation from the standard color is unavoidable. This does not apply to intentional irregularities of color variation of the face of tiles(which can be unglazed, glazed, or partly glazed) or to the color variation over a tile area which is characteristic of the given tile and desirable. Spots or colored dots which are introduced for decorative purposes are not considered a defect.
- d $\,$ Not applicable to ceramic tiles with breaking strength > 3000 N $\,$
- e Where required, the abrasion class resistance according to Annex M may be declared.
- f See Annex N additional information on applicability.
- g See table 2 for uses where it is applicable.
- h Certain decorative effects may have a tendency to craze. They are to be identified by the manufacturer, in which case the crazing test given in EN ISO 11-10545 is not applicable.
- i Unless a different test method is required by national regulations in the market of the relevant member state(s) for the intended use, in which case the test method and result shall be declared as given therein (as long as consolidated European test method is not available).
- j For intended uses subject to requirements against accidental fall of the object on to transit areas only. Tests are to be performed using the actual tiles and suitable adhesive and/or mortar.
- k For the types of adhesives, defined in EN 12004:2007 only.
- The proposed test methods are intended to determine the adhesion strength of the adhesive and have not been developed to determine ceramic the characteristics. Thus, there might be no correlation between the declared bond strength and the performance of the tile in use (other factors proper installation techniques and type of background support will influence the final performance).
- m Ceramics, as a homogeneously distributed material used for ceramic tiles, is considered as a material of known and stable performance with respect to the reaction to fire performance as it does not consist of any organic material. As such it does not contribute to the fire and it may be considered without the need for testing (CWT) as the class AT material7. The reaction to the fire performance of ceramic tiles may also be classified also as class AT according to EN ISO 1-13501.
- $n \quad \text{ For tactile paving surface i.e. when required for blind or vision impaired persons.} \\$
- o When relevant, see notes 1 and 2 in ZA.1 for the performance of the product concerning these characteristics, if any to be declared.

Symbology



Cleaning Products

TYPES OF DETERGENT Where the sale is permitted	(bleach	SOLVENTS (bleach, turpentine, acetone, richloroethylene, nitro thinner)			ACIDS : acid ,hydrocl shosphoric aci		ALKALINE -BASED DETER (professional alkaline deterg		
SURFACE	Matte	Satin	Polished	Matte	Satin	Polished	Matte	Satin	Polished
TYPE OF STAINS									
Coffee			•						
Lime scail				•	•	•			
Tar	•	•							
Concrete				•	•	•			
Candle wax	•	•	•						
Coca Cola			•						
Glue	•	•	•						
Chewing gum	•	•	•				•	•	
Rubber marks from tyres or shoes	•	•	•						
Grease ,Oil							•	•	•
Ink	•	•	•						
Nicotine	•	•	•						
Felt -tip pen	•	•	•						
Tomato			•						
Resins	•	•	-						
Rust				•	•	•			
Nail varnish	•	•	•						
Cigarette burns				•	•	•			
Tea		•	•						
Wall paint	•	•	•	•	•	•			

For information and advice, please contact IMPERIO directly.

