

SUNHEARRT INTRODUCTION

Path-breaking innovations with a Promise of quality!

Inspired in collection, and unmatched in design; Sunhearrt, a brand by Sunshine Tiles Company Pvt. Ltd., through its novel technology and product introductions, is leading the Ceramic industry to achieve a peerless national and global reputation in becoming a single-stop solution for any space amplification.

Penetrating the industry with an everexpanding portfolio, Sunhearrt has now diversified its core strength of Ceramics, and Vitrified tiles into GVT/PVT, Porcelain, Sanitaryware, as well as a range of complete Tiling Solutions.

Company strength and achievements that defines our place in the industry.



AMONG **TOP 10** CERAMIC BRANDS IN INDIA



ONE OF THE LARGEST TILE EXPORTERS, CONSECUTIVELY FOR THE LAST 6 YEARS



14+ SIZES IN 5000+ DESIGNS



PRESENCE IN
60+ COUNTRIES



25 MILLION SQM. MANUFACTURING CAPACITY/ANNUM



THE FIRST COMPANY IN
THE CERAMIC INDUSTRY WITH
3-STAR EXPORT HOUSE



1195+ BUSINESS PARTNERS



Elevating spaces, uplifting surface experience!

Reshaping spaces by constantly enhancing surroundings with new possibilities. Sunhearrt promises the amalgamation of innovation and style, crafting high-end ceramic excellence. It is about taking space to a higher level, making it more appealing and adaptive.

Our focus lies in transcending the ordinary, where every tile, every design, echoes the essence of sophistication and durability.

Sunhearrt stands as a beacon for those seeking not just elegance but an enduring legacy woven into the very fabric of their spaces.

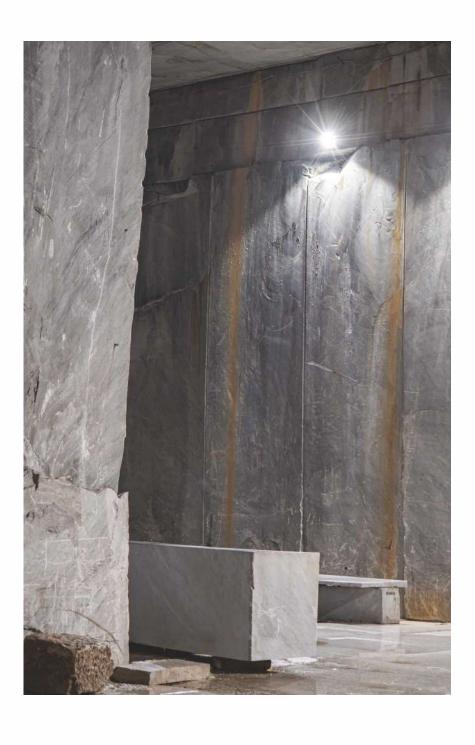


Tiles

Flooring the extensions of your dream space, tiles from Sunhearrt are a great addition to every ambience. With their simplistic elegance and finesse, our tiles introduce modernity and grandeur by manufacturing the best alternatives and replacements to natural surfaces. This collection, thence, is the perfect choice for 'architecting' the spectacular!

SURFACES

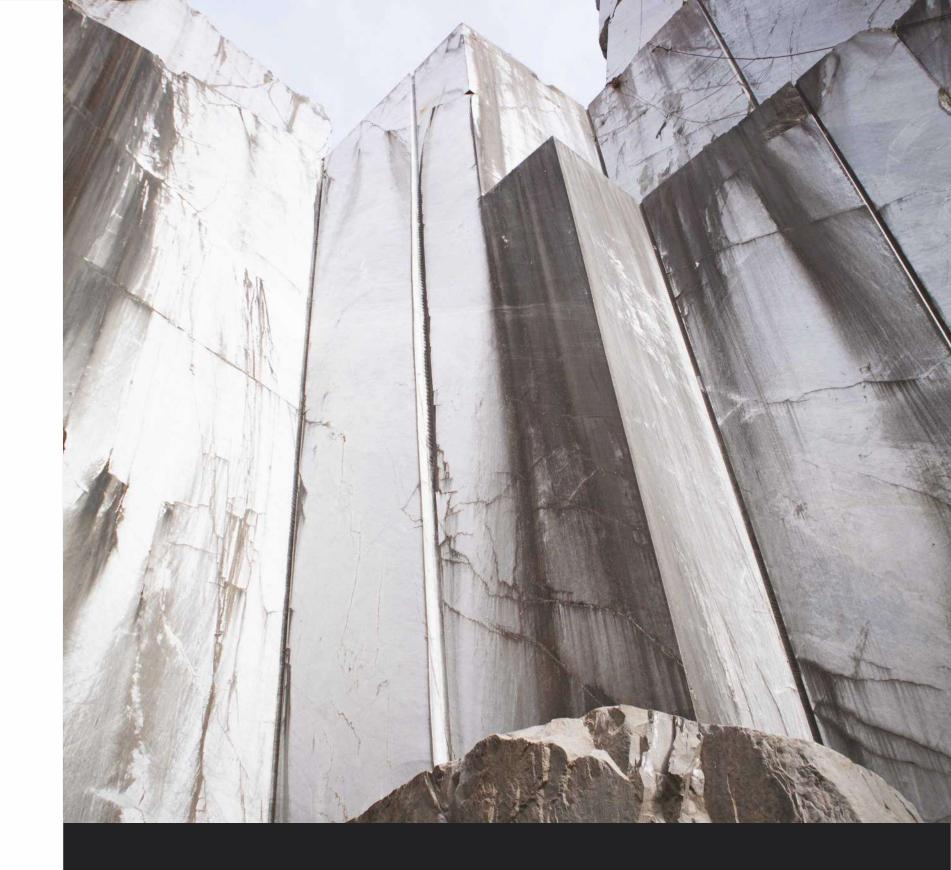
Crafted with ingenuity, designs that speak for themselves, and advanced technology, Sunhearrt is consistently adorning your spaces with its regal magnificence that personifies strength and sophistication. Available in various sizes, numerous colors, myriad applications, and varied designs, they exhibit a distinctive verve of elegance.



COMPOSING INSPIRATION

Behold the confluence of exquisite, with elegance; evoking a spirit of discovery, keeping the marble at its core. We create masterpieces inspired by nature and nurtured with sustainable technology that gives your expanses an immense aesthetic impact with versatile designs, hues, and textures.

Reigning the industry by housing a stellar collection, Sunhearrt brings exceptional architectural surfaces that enhance your spaces, making them look urban, natureinspired, and yet unique. These surfaces speak the language of harmony between simplicity and elegance, blending in with your interiors to give your spaces, elegance. Encompassing serenity with nature-inspired designs, bring earthiness with the likeliness of natural marbles, at minimal maintenance.



The luxurious spectrum that goes from imbibing rawness in texture to refinement in finish and designs: complementing features that stimulate an opulent environment!

NOVEL ADDITION

Discover the unmatched strength and subtle aesthetics of the newly reintroduced marble surfaces that flaunt an array of mesmerising designs, colors, and timeless appeal. Manufactured using high-end technology, these marble surfaces are created adhering to the highest standards of quality making them beautiful, robust, and durable. Available in a range of convenient sizes, these visual marvels defy time to become your style statement. These marble tiles boast a design philosophy that aims to reunite individuals with the essential resources of the earth and accurately represent three aspects of nature: ethereal beauty, earthy calmness, and pristine minimalism. This eternal artistry adds a touch of glamour to your surfaces; giving that extra edge to your architecture.

INSPIRATIONAL DESIGNS

Fragments of minerals, combined onto naturally random patterns, inspired by nature to wholesomely work to create amazing designs in impressive colors and unimaginable textures.

RESILIENT INTEGRANTS

The avant-garde processes enable features such as minimal porosity, chemical resistance, and high tensile strength to resist any form of breakage.

REMARKABLE DURABILITY

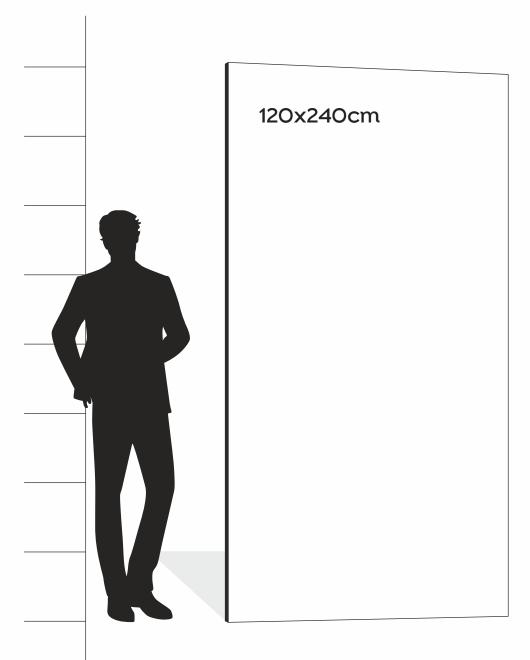
Surfaces with maximum durability with high resistance to excessive wear and tear; suitable for high-traffic environments, while adding infinite elegance to a space.

SUPERIOR TECHNOLOGY

A state-of-the-art technology embarks novel ideas and shapes to be executed in tangible realities; providing an expression in designs of minimal taste.

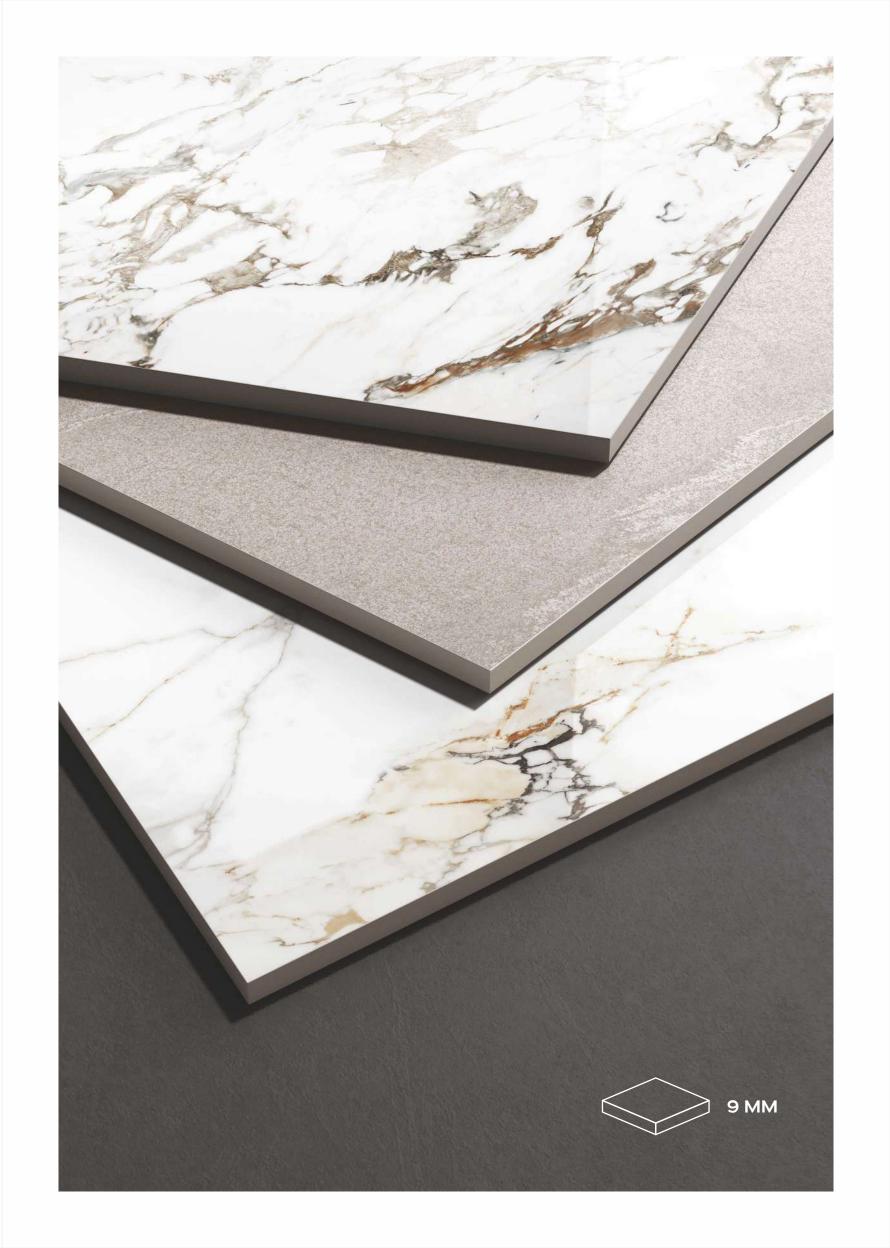


SIZE & THICKNESS

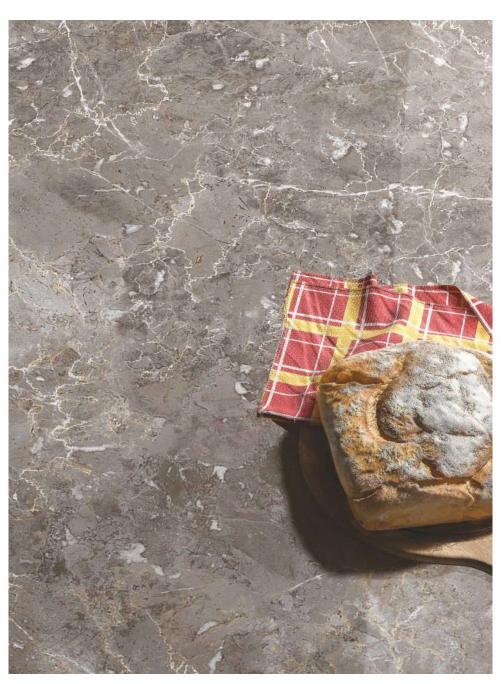


6 FINISHES6 COLLECTIONS

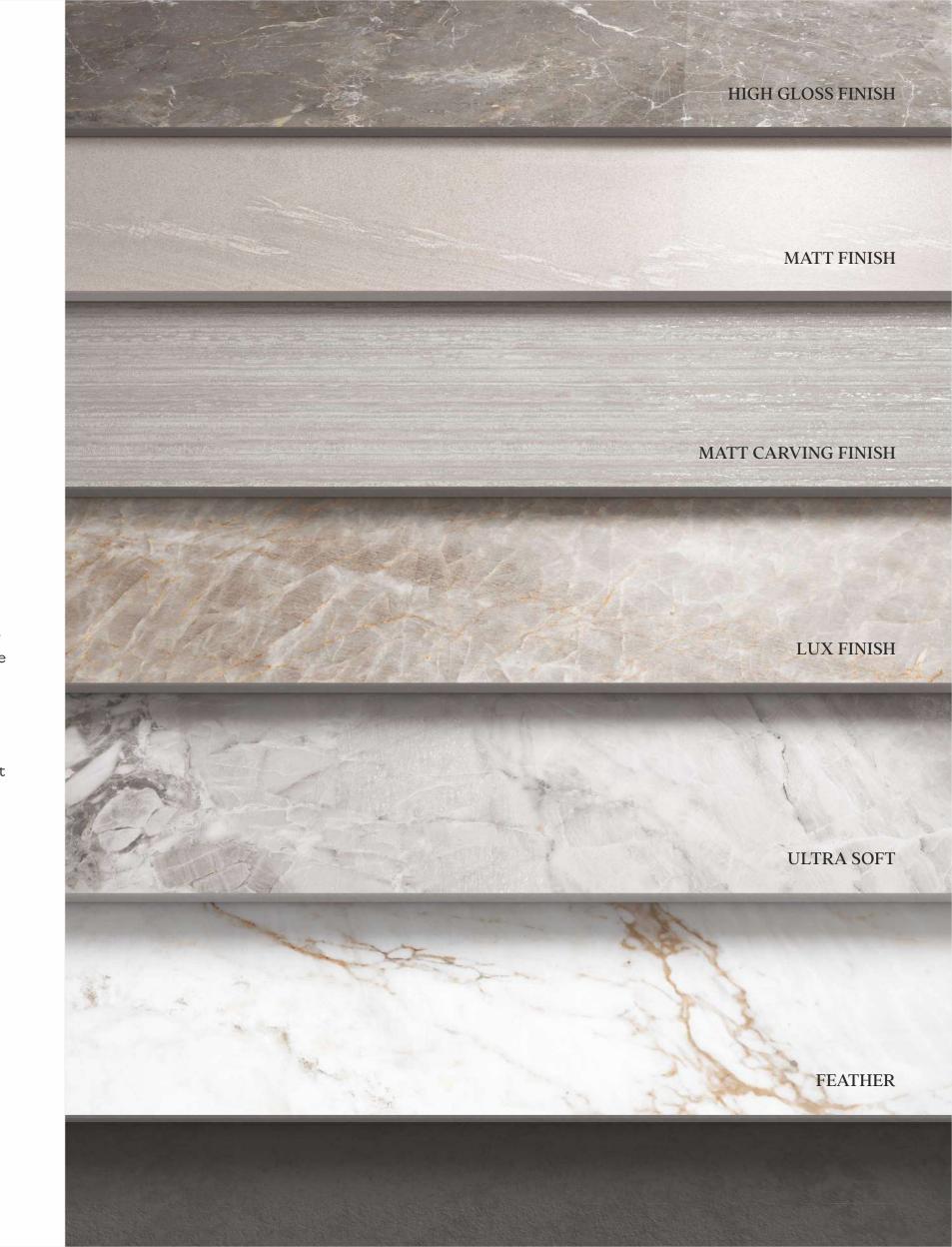
Inspired by the likeliness of natural marble, the architectural surface offers numerous options. Moreover, understanding the need for resilience and strength, they boast of thickness that makes them extra durable and sturdy and also offer possibilities of various edge profiles, lending an aesthetic grace to the ambiance.



FINISHES



A perfect amalgamation of beautiful textures and finishing bring a touch of glamour to your space, offering a unique aesthetic expression that exhibits a distinctive verve of elegance and grace with the harmonious symphony of sophisticated tones that vibe with your aesthetic taste. The warm, natural, and earthy tones and a smooth and generous finish contribute to the rustic effect giving the spaces a calming environment to relax and unwind.



APPLICATIONS

A functionality that impresses, and applicability that expresses, these architectural gems, across a spectrum of environments emulate the coveted mineral, marble, in all its natural likeliness.







COMMERCIAL PUBLIC RESIDENTIAL GYM RAILWAY LIVING ROOM MALL & SHOPPING COMPLEX METROS BATHROOM <u>ΠΠΙΙΙΙ</u> ΠΙΙΙΙΙΙΙ Φ OFFICE HOSPITAL KITCHEN LIBRARY DINING AREA BANK **BUS STAND** STUDY ROOM CAFÉ & RESTAURANT GOVERNMENT BUILDING CHILDREN'S ROOM AIRPORT SCHOOL BEDROOM RELIGIOUS SPACES

TV ROOM

HOTEL

ADVANTAGES & FEATURES

Creating masterpieces born from art with flawless craftsmanship and technologies that bring surfaces to life, these marble wonders are assets that are rich in features enhanced by tactile and visual multi-dimensionality. Embracing revolutionary technology with innovative cutting-edge design solutions that add a corresponding outlook to architectural creations, they give a modern-retro luxurious look enhancing your spaces with its dramatic effect while the earthy influence holds the essence of nature in a bold statement. Revolutionise the decor with sheer magnificence that personifies authority and elegance.



Bigger Sizes

Large slabs provide a smoother and sleeker finish, mitigating any type of risk for grout lines to show.

Moreover, their appearance creates a seamless look and is highly versatile.



Multiple Applications

With versatile usage opportunities - both indoors and outdoors, the collection offers endless potential. So let your imagination push the boundaries of design and watch the magic unfold.



Varied Designs

From modern to classic, the surfaces give your space a lovely vibrancy with dynamic hues ranging from energetic to graceful to pastels; all that is there to soothe your spaces.













Give your expanse an immense aesthetic impact with the versatile surfaces that mark a spectacular setting dominated by textures and hues of unimaginable beauty remaining strong under pressure to provide solid beauty. Witness a true-to-life manifestation of attractive architectural surfaces designed and crafted meticulously for a consistent and opulent experience!

ADVANTAGES



100% NATURAL & RECYCLABLE



HYGIENIC SURFACE



RESISTANT TO ICE & FROST



100% NATURAL & RECYCLABLE



BENDING STRENGTH



DIMENSIONAL STABILITY



LIQUID REPELLENT SURFACE



RESISTANT TO STAINS



FIRE & HIGH
TEMPERATURE
RESISTANT



COLOR STABILITY

USAGE FOR INDOOR SPACES





Take your tile game a notch higher, by using these slabs for making walk-in closets, fireplaces, flooring, wall cladding, stairs, and much more - find possibilities and discover the impact!

WALL|FLOOR|COUNTERTOP| FURNITURE|TABLE TOP











DESIGN RANGE

ART TILE COLLECTION















RARE COLLECTION



BRAZILIAN BLACK FEATHER





















MARINACE GREY

WHITE MARBLES









































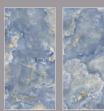
CARRARA ARGENTA BRECCIA MONT BLANC STATVARIO STATVARIO ROYAL WHITE CAPRIA WHITE ESTIMA COSMIC ULTRA SOFT ULTRA SOFT ULTRA SOFT ULTRA SOFT ULTRA SOFT ULTRA SOFT

48	DESIGNS
71	SKU

DESIGNS THAT HAVE THE POWER TO INFLUENCE YOUR SOUL

The subtle earthy effect makes your spaces look classy, stylish, and sophisticated, adding a touch of glam to every space with designs and shades that make their way directly to your heart!

EXOTIC MARBLES































BLACK PANDA LEMTO ONYX ONYX GREY PORTICO GREY NERO

CLASSIC MARBLES













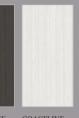




STONE COLLECTION













ART TILE COLLECTION



Unfold a sheer depiction of brilliance and mastery through surfaces from the exclusive and exceptional Art Tile Collection.
The surface designs and textures reflect creativity to its core while upscaling your interiors to a new level of

elegance.

Further, the subtle yet striking appeal is a fusion of innovation and tradition that transcends the ordinary.



ANTIQUE FIORITO



Finish High Gloss
Random 1 Face

ANTIQUE CIANA



Finish High Gloss
Random 1 Face



Wall

ANTIQUE FIORITO 120x240cm HIGH GLOSS



Wall

LAMBASCIA 120x240cm HIGH GLOSS

CHEVRON



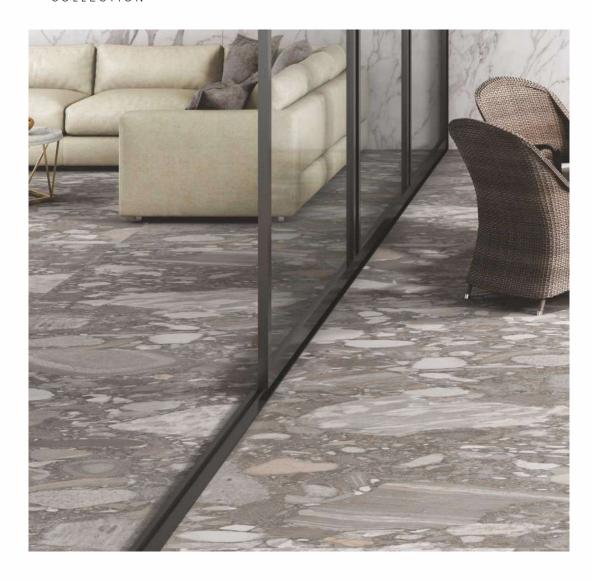
Finish High Gloss
Random 1 Faces

LAMBASCIA



Finish High Gloss
Random 1 Faces

RARE

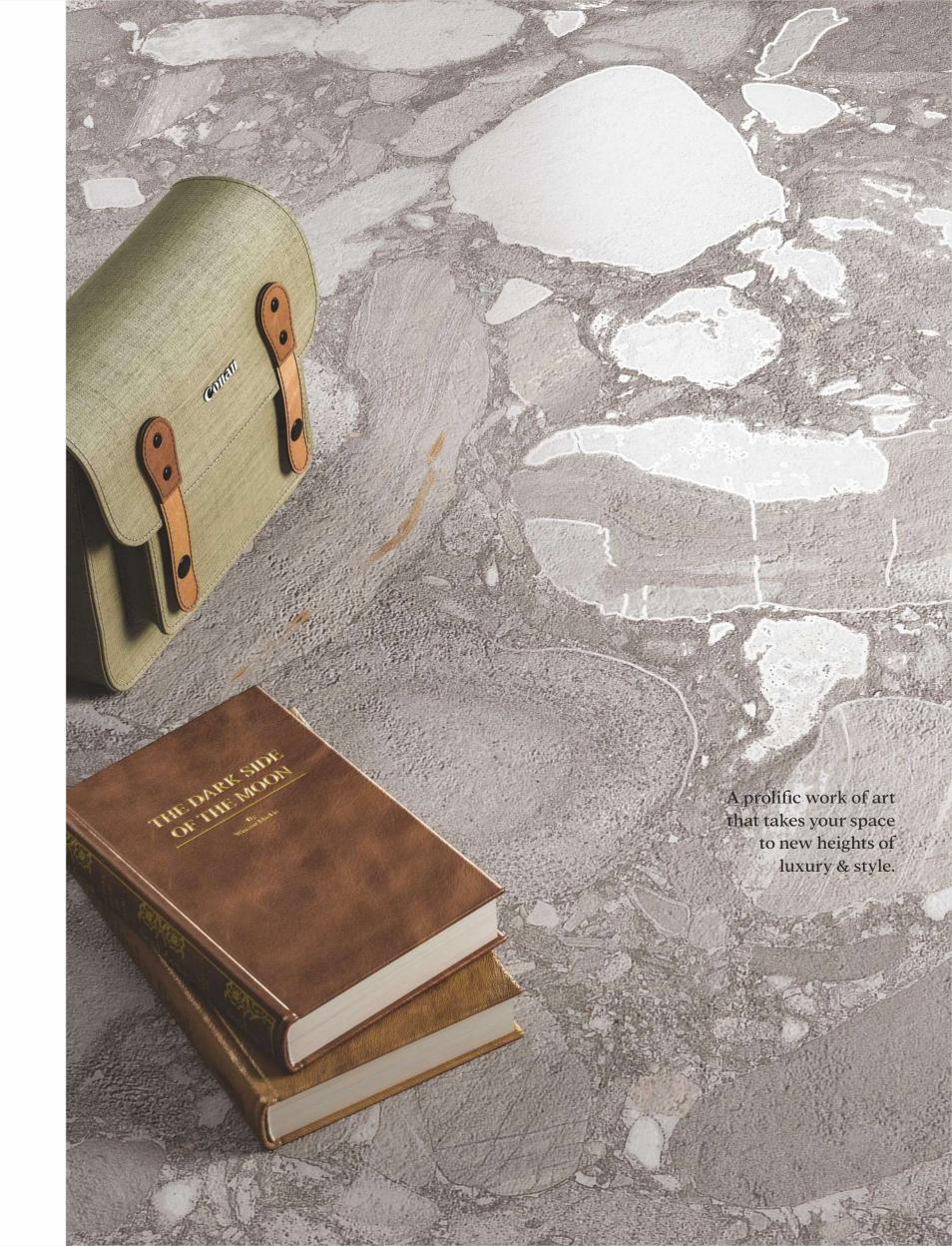


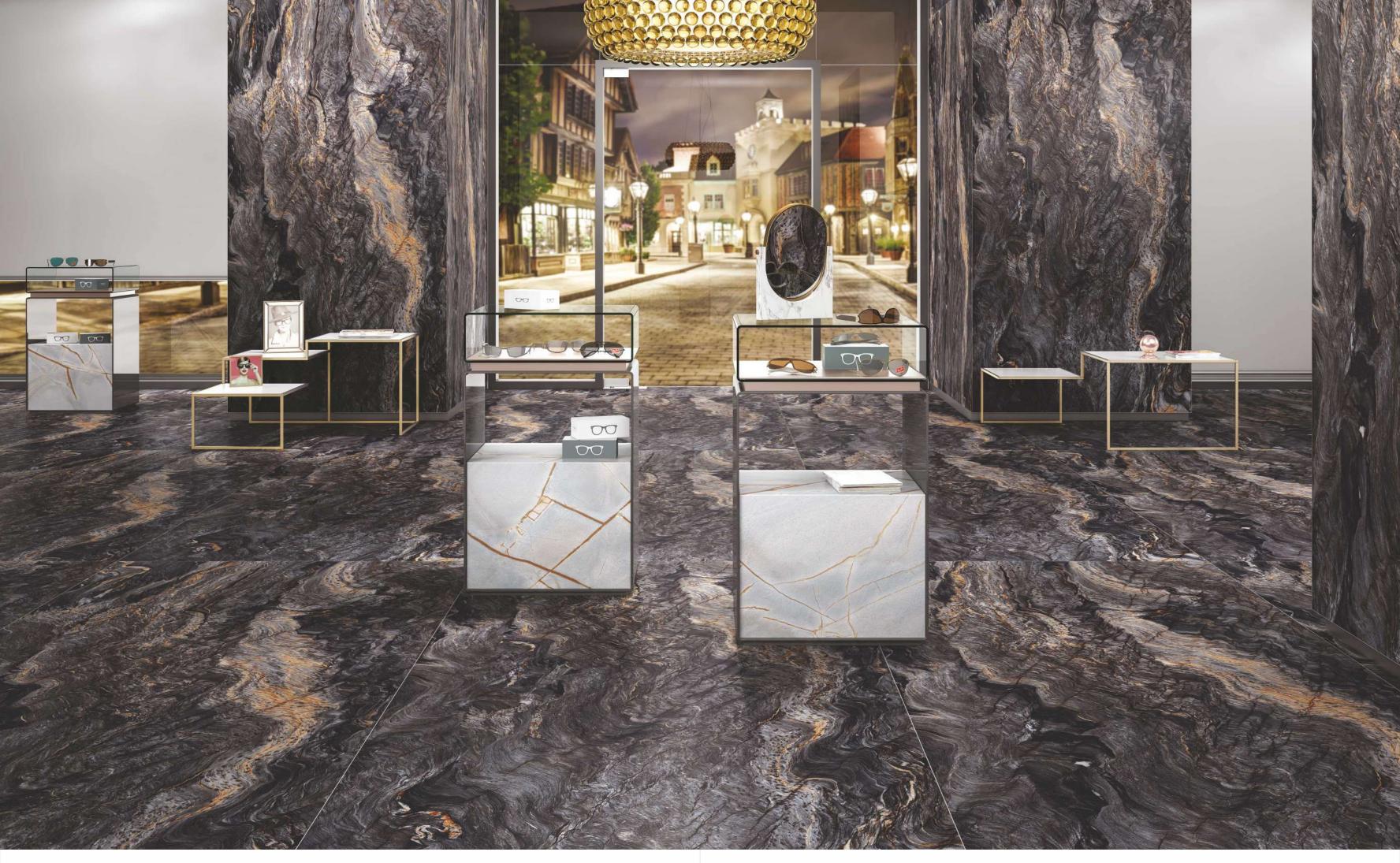
Create a harmonious fusion of classic aesthetics and modern design with surfaces from the Rare Collection that redefine elegance and sophistication.

The intricate details capture the timeless allure of marble,

blending artistry with functionality.

This Rare Collection stands as a testament to the unparalleled beauty found in the meticulous finesse and harmonious look of the surface.





Wall

BRAZILIAN BLACK FEATHER 120x240cm FEATHER

Floor

BRAZILIAN BLACK FEATHER
120x240cm
FEATHER

BRAZILIAN BLACK FEATHER





Finish Feather
Random 2 Faces

ARABESCATO QUARTZITE



Finish Matt Carving
Random 4 Faces



Wall

PATAGONIA BRONZE 120x240cm HIGH GLOSS Floor
PATAGONIA BRONZE
120x240cm
HIGH GLOSS

 $\overline{36}$

PATAGONIA BRONZE



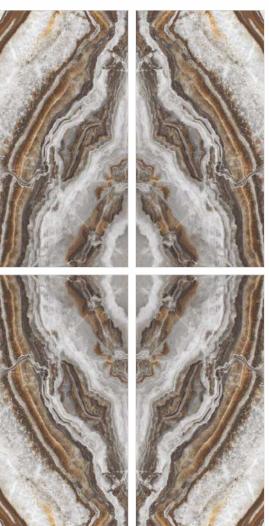
Finish High Gloss
Random 3 Faces

PATAGONIA

Finish High Gloss
Random 3 Faces

CANYON ONYX BROWN A&B





Finish High Gloss Random Bookmatch



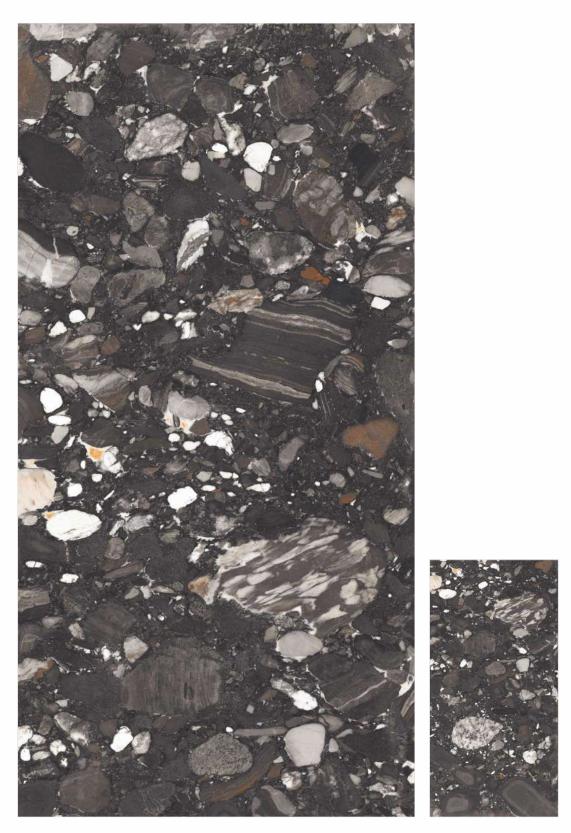
CANYON ONYX BROWN A&B 120x240cm HIGH GLOSS



Floor

MARINACE GREY 120x240cm MATT CARVING

MARINACE BLACK



Finish Matt Carving
Random 2 Faces

MARINACE GREY





Finish Matt Carving
Random 2 Faces

HUES OF WHITE MARBLE

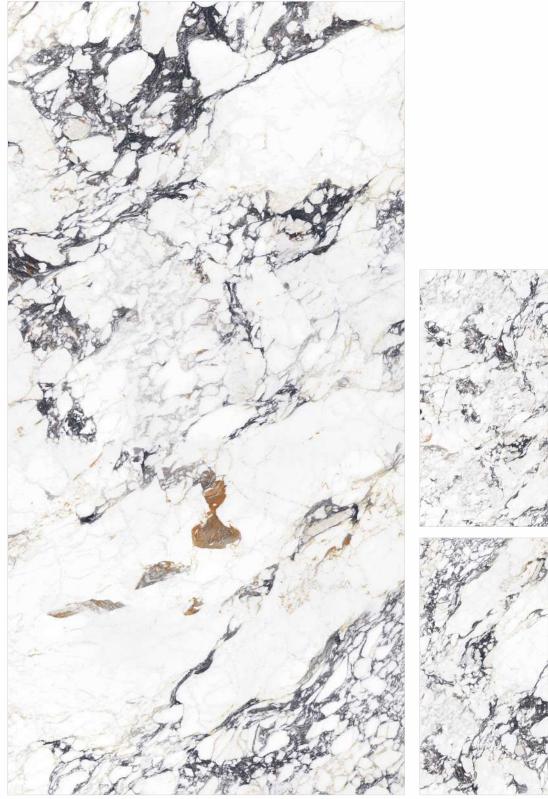


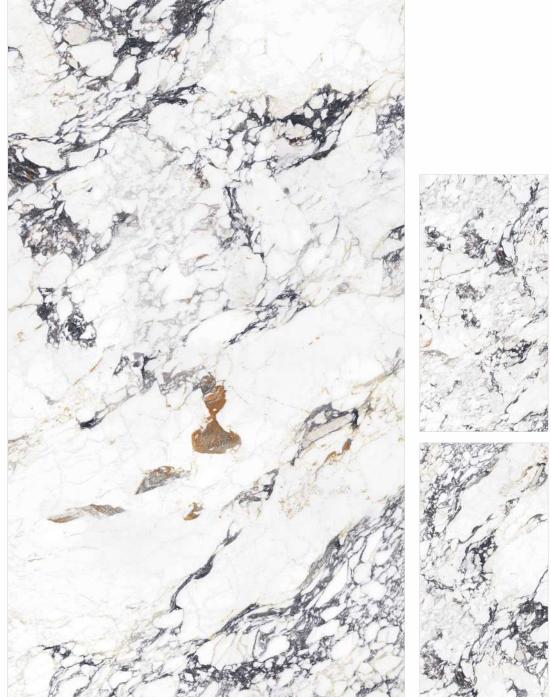
Bring into your space the arctic radiance with surfaces from the exclusive and meticulously crafted White Marble Collection by Sunhearrt. Embrace your space with the reminiscence of classic white marble, transforming into a haven of

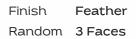
enduring style. The raw and remarkable appeal is captured in each surface of Sunhearrt's White Marble Collection, where nature's artistry meets human craftsmanship. The surfaces radiate a timeless elegance, bringing a touch of sophistication to any space they adorn.



ARABESCATO CAPRIA FEATHER









Wall

ARABESCATO CAPRIA FEATHER 120x240cm FEATHER

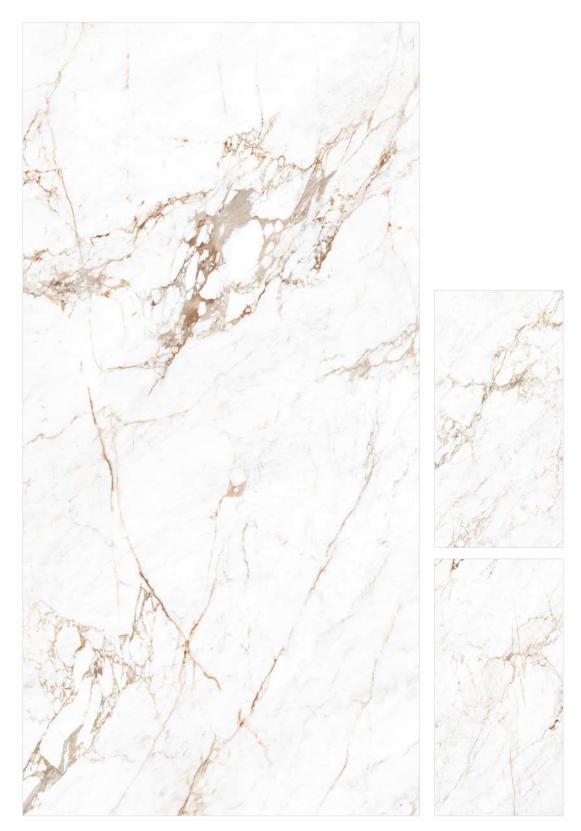


Wall

Floor

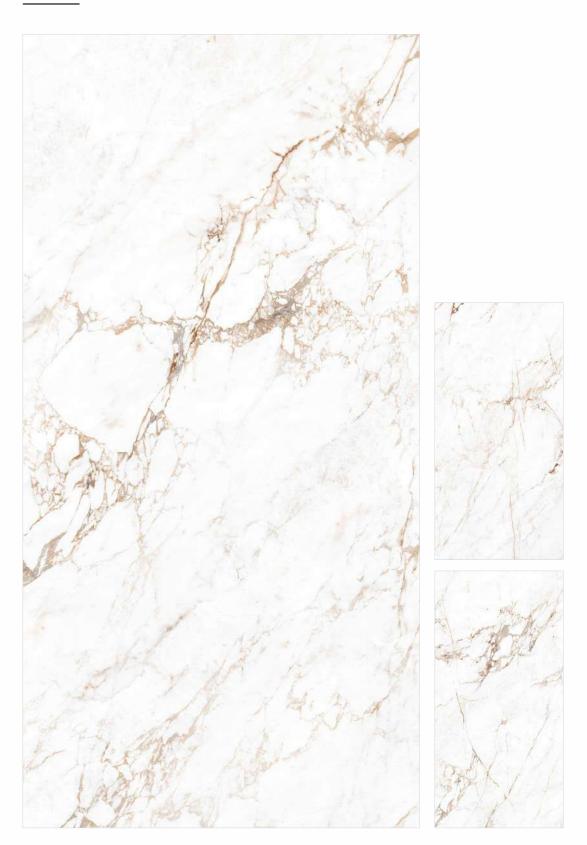
CALCATTA NOBILE 120x240cm HIGH GLOSS CALCATTA NOBILE FEATHER 120x240cm FEATHER

CALCATTA NOBILE



Finish High Gloss
Random 3 Faces

CALCATTA NOBILE FEATHER



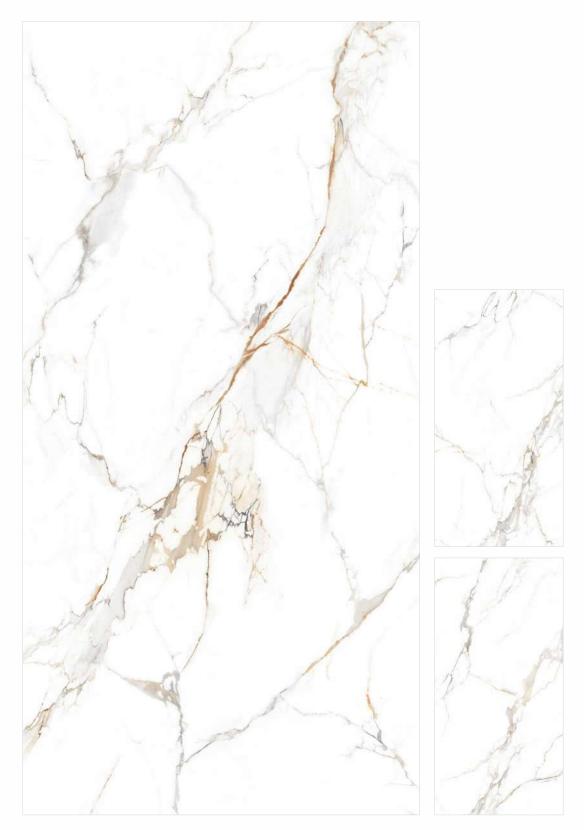
Finish Feather
Random 3 Faces



Floor

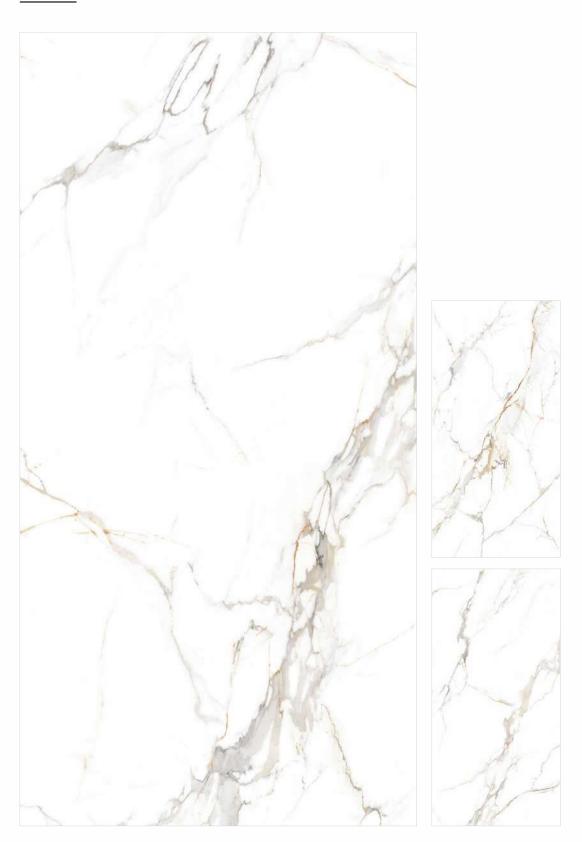
CALCATTA VAGLI 120x240cm HIGH GLOSS

CALCATTA VAGLI



Finish High Gloss
Random 3 Faces

CALCATTA VAGLI LUX



Finish Lux
Random 3 Faces



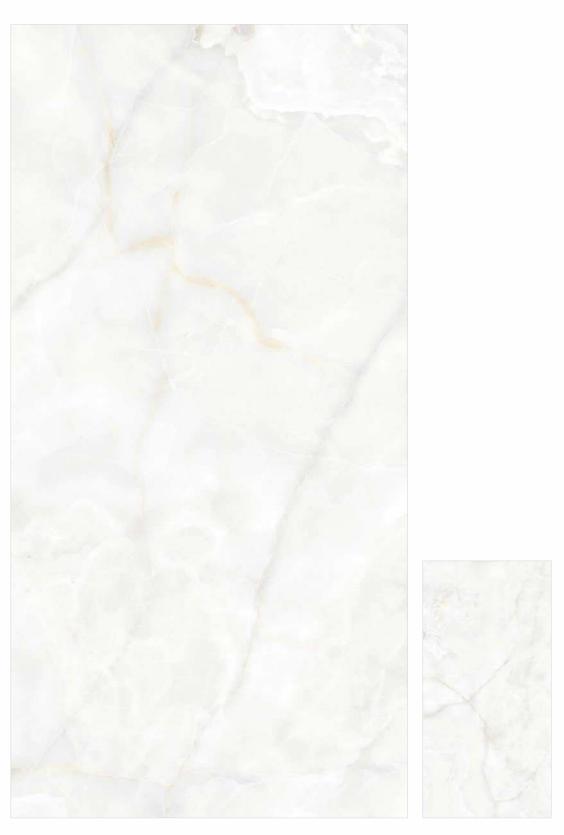
Floor
CALCATTA
120x240cm
HIGH GLOSS

CALCATTA



Finish High Gloss
Random 4 Faces

FANTASY ONYX



Finish High Gloss
Random 2 Faces



Wall

CARRARA ROYAL ULTRA SOFT 120x240cm ULTRA SOFT Floor

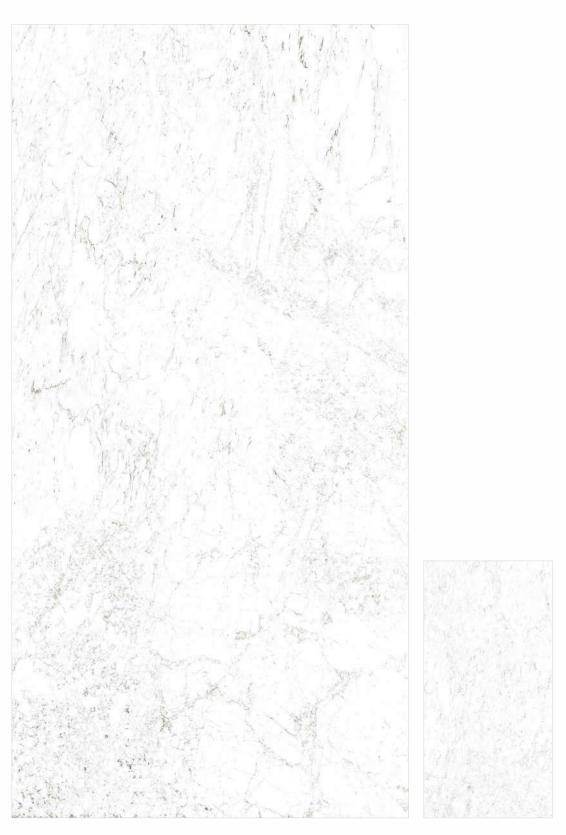
CARRARA ROYAL ULTRA SOFT 120x240cm ULTRA SOFT

STATVARIO SMART



Finish High Gloss
Random 3 Faces

CARRARA ROYAL ULTRA SOFT

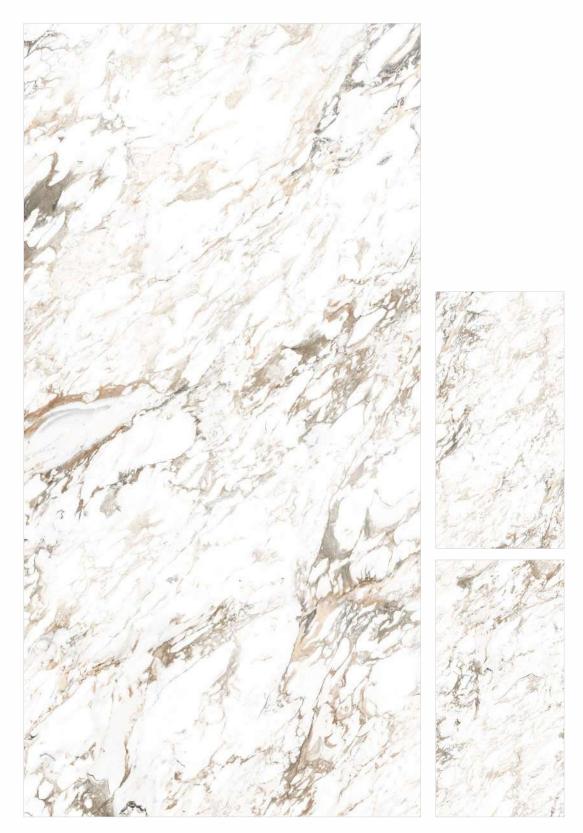


Finish Ultra Soft
Random 5 Faces



Floor
BRECCIA CAPRIA ULTRA SOFT
120x240cm
ULTRA SOFT

BRECCIA CAPRIA ULTRA SOFT

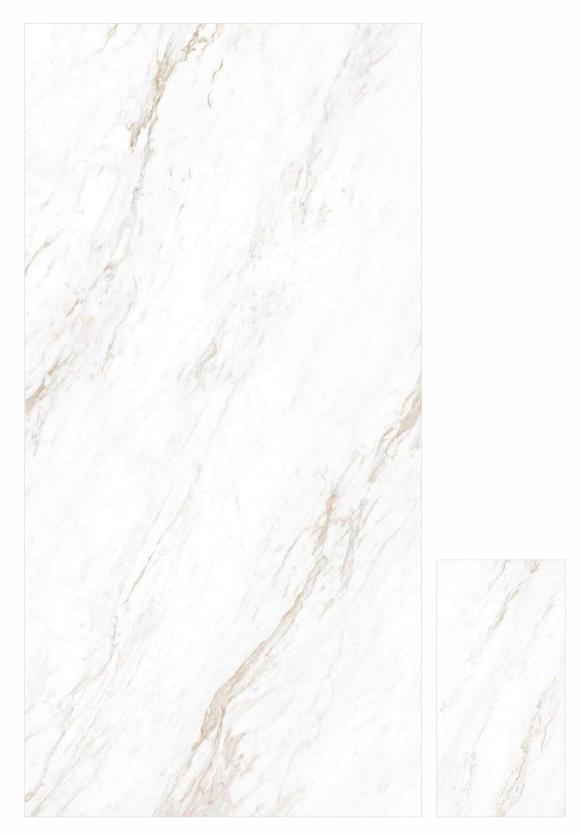


Finish Ultra Soft
Random 3 Faces

MONT BLANC WHITE ULTRA SOFT

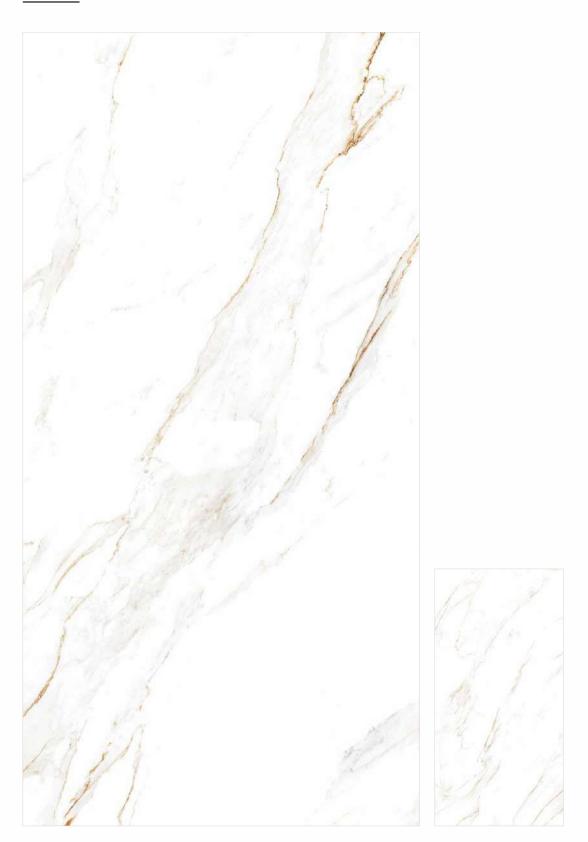
Finish Ultra Soft
Random 2 Faces

ARGENTA WHITE ULTRA SOFT



Finish Ultra Soft
Random 2 Faces

STATVARIO COSMIC ULTRA SOFT



Finish Ultra Soft
Random 2 Faces

STATVARIO ESTIMA ULTRA SOFT







Wall

STATUARIO ESTIMA ULTRA SOFT 120x240cm ULTRA SOFT Floor

STATUADIO ESTIMA

STATUARIO ESTIMA ULTRA SOFT 120x240cm ULTRA SOFT

THE EXOTIC MARBLE



Immerse yourself in the luxurious textures and vibrant hues that emulate the natural beauty of rare marbles sourced from around the globe. Each surface tells a unique story, seamlessly blending artistry and functionality to elevate any

space. The exquisite designs and raw elegance of these meticulously crafted surfaces from the Exotic Marbles collection add a sense of opulence and sophistication to your space.

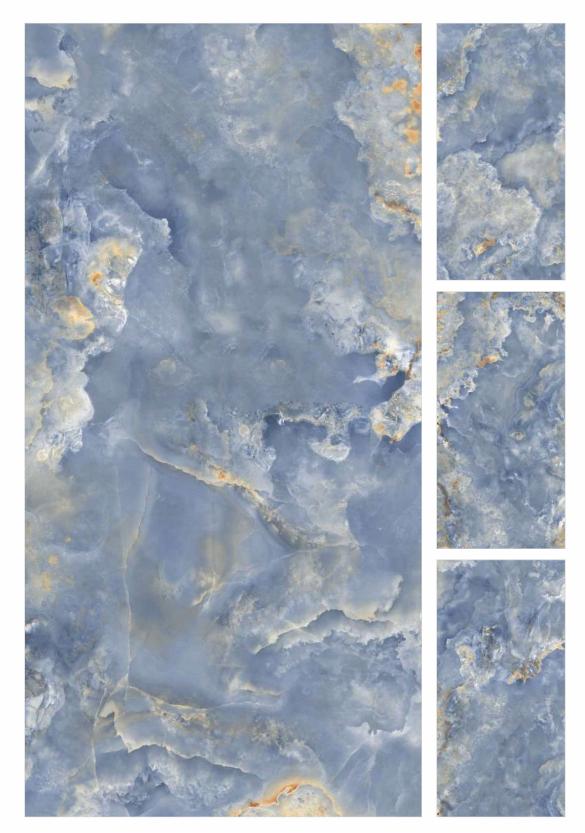




ONICE REALE COBALT 120x240cm HIGH GLOSS Floor

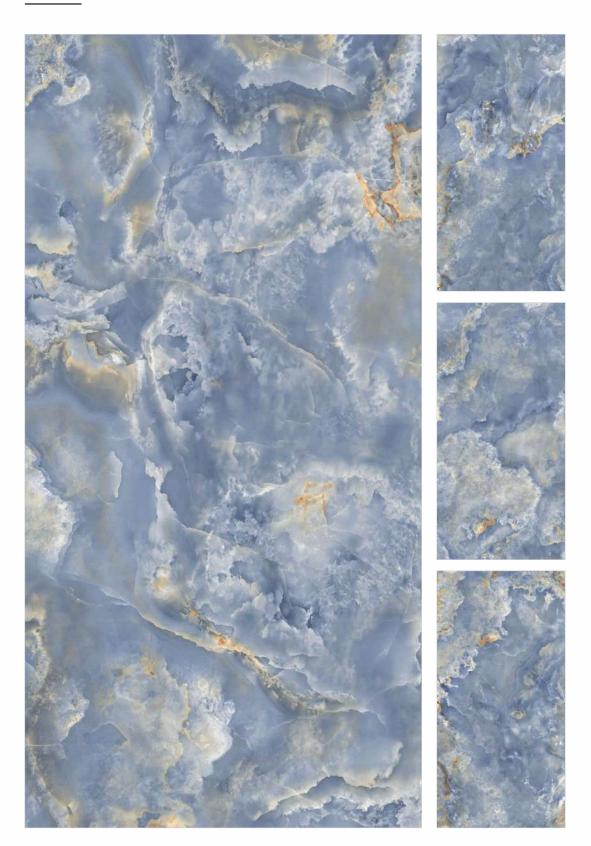
ONICE REALE COBALT FEATHER 120x240cm FEATHER

ONICE REALE COBALT



Finish High Gloss
Random 5 Faces

ONICE REALE COBALT FEATHER



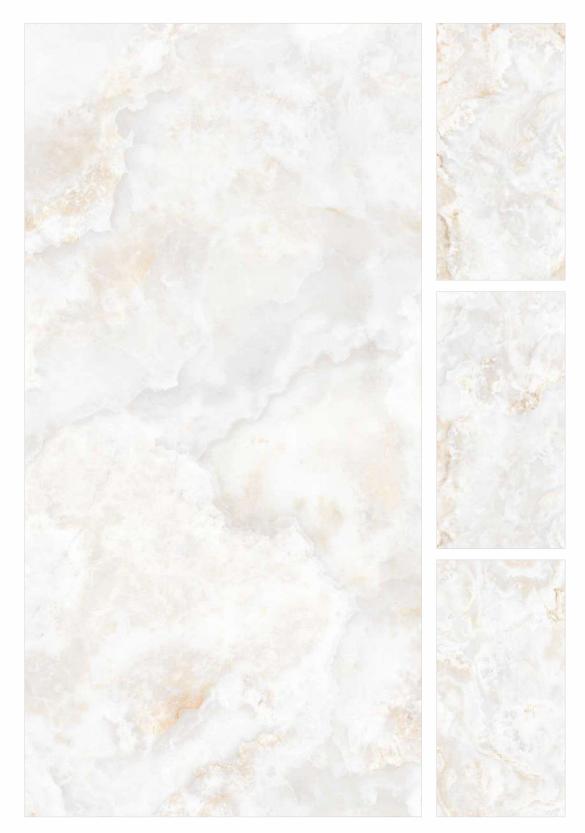
Finish Feather
Random 5 Faces



ONICE REALE ICE 120x240cm HIGH GLOSS Floor

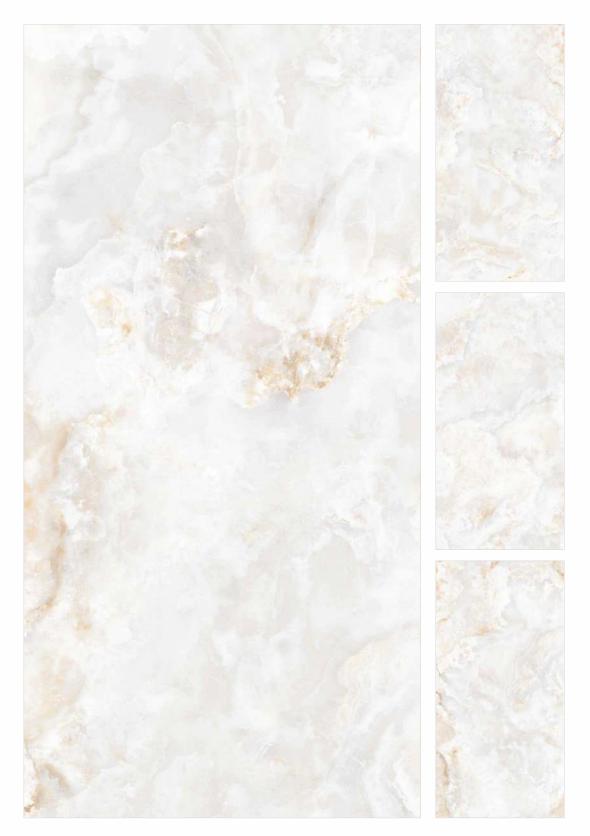
ONICE REALE ICE FEATHER 120x240cm FEATHER

ONICE REALE ICE



Finish High Gloss
Random 5 Faces

ONICE REALE ICE FEATHER



Finish Feather
Random 5 Faces



ONICE REALE RUBBY FEATHER
120x240cm
HIGH GLOSS

Floor

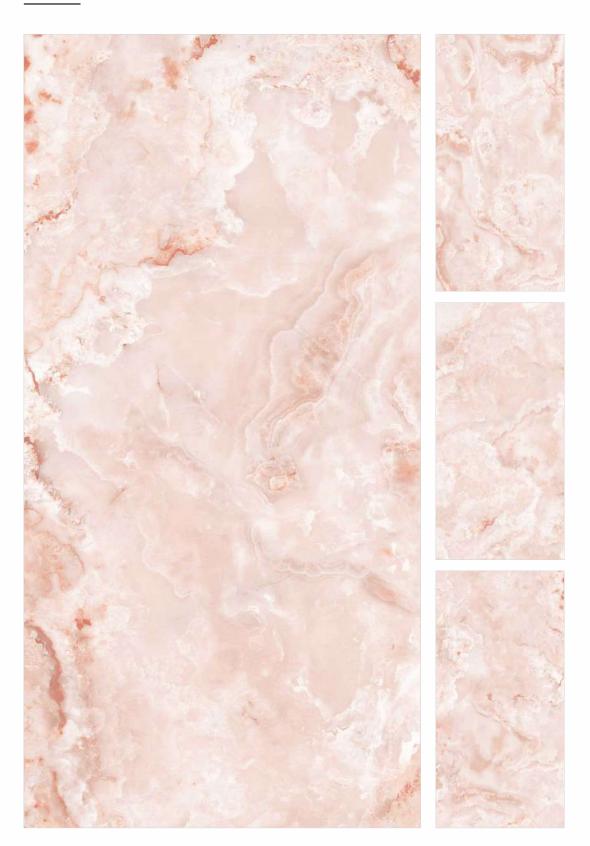
ONICE REALE RUBBY 120x240cm HIGH GLOSS

ONICE REALE RUBBY



Finish High Gloss
Random 5 Faces

ONICE REALE RUBBY FEATHER



Finish Feather
Random 5 Faces



ONICE REALE SUNSET 120x240cm HIGH GLOSS Floor

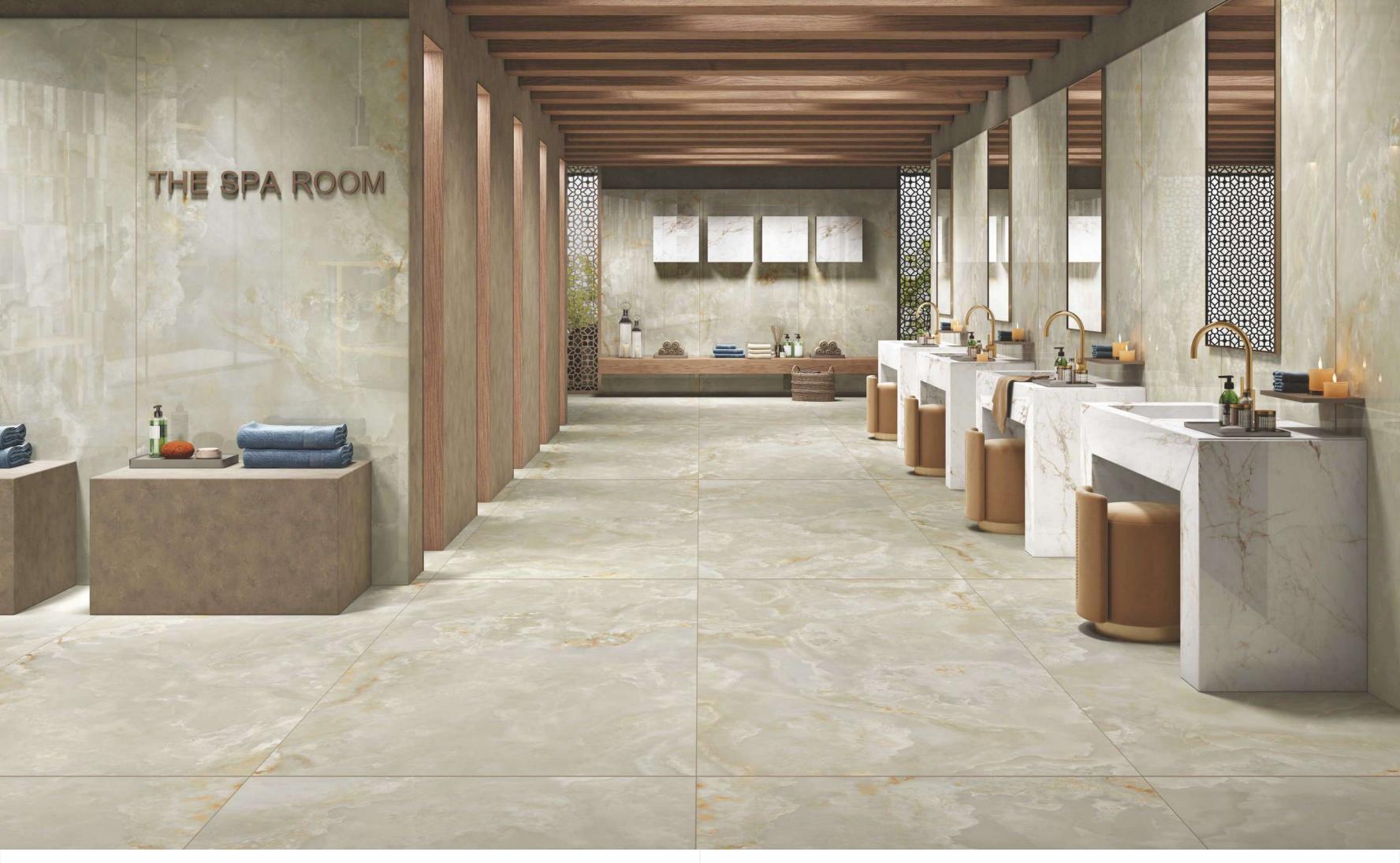
ONICE REALE SUNSET FEATHER 120x240cm FEATHER

ONICE REALE SUNSET

Finish High Gloss
Random 5 Faces

ONICE REALE SUNSET FEATHER

Finish Feather
Random 5 Faces



ONICE REALE VERDE 120x240cm HIGH GLOSS Floor

ONICE REALE VERDE FEATHER 120x240cm FEATHER

ONICE REALE VERDE

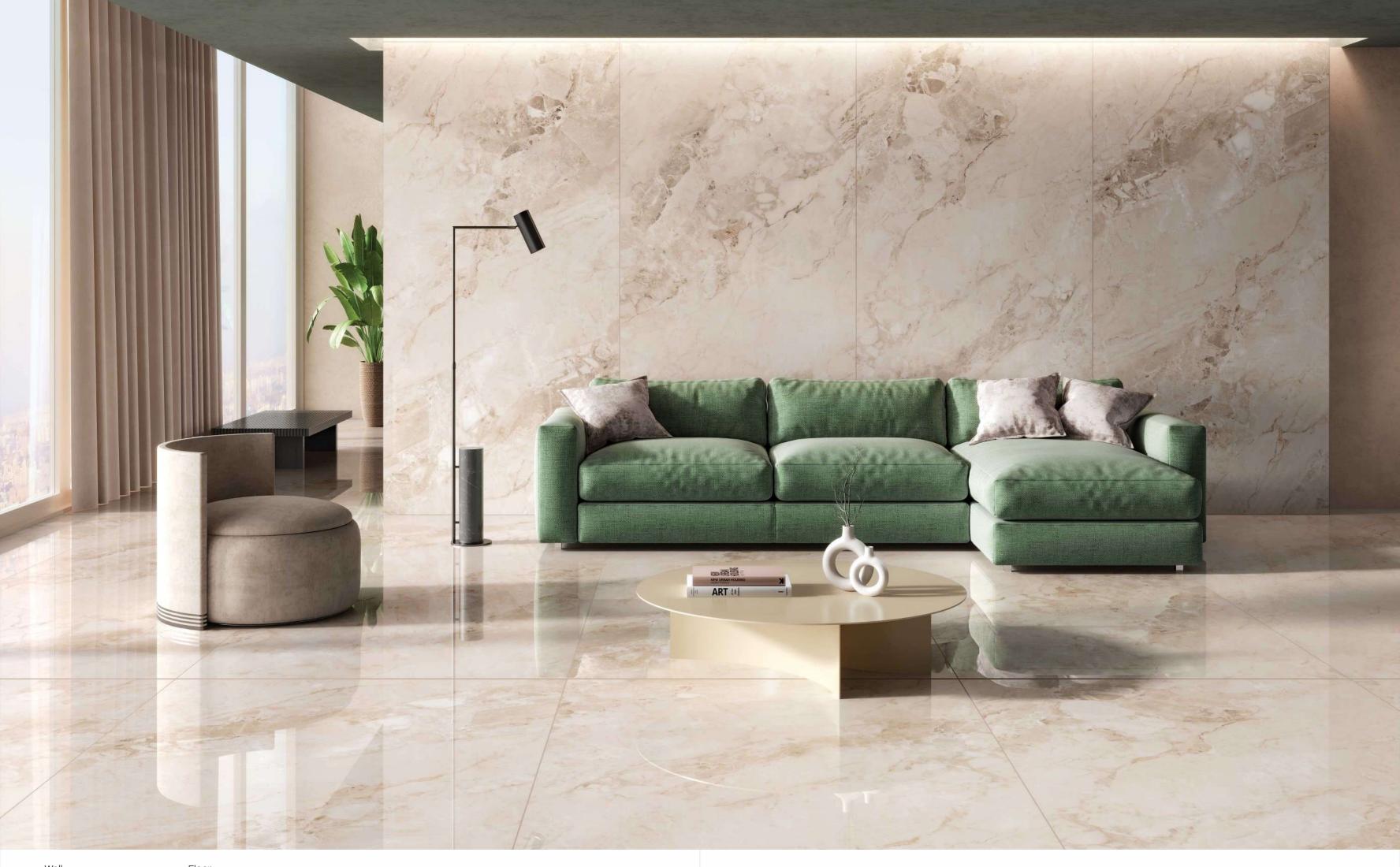


Finish High Gloss
Random 5 Faces

ONICE REALE VERDE FEATHER



Finish Feather
Random 5 Faces



OMBRA BEIGE ULTRA SOFT 120x240cm ULTRA SOFT Floor
OMBRA BEIGE
120x240cm
HIGH GLOSS

OMBRA BEIGE



Finish High Gloss
Random 3 Faces

OMBRA BEIGE ULTRA SOFT

Finish Ultra Soft
Random 3 Faces



OMBRA EMERALD 120x240cm HIGH GLOSS Floor
OMBRA EMERALD
120x240cm
HIGH GLOSS

OMBRA EMERALD



Finish High Gloss
Random 3 Faces

OMBRA EMERALD ULTRA SOFT



Finish Ultra Soft Random **3 Faces**



OMBRA GREY 120x240cm HIGH GLOSS Floor
OMBRA GREY
120x240cm
HIGH GLOSS

OMBRA GREY



Finish High Gloss
Random 3 Faces

OMBRA GREY ULTRA SOFT



Finish Ultra Soft
Random 3 Faces



Floor
LEMTO ONYX GREY
120x240cm
HIGH GLOSS

LEMTO ONYX GREY



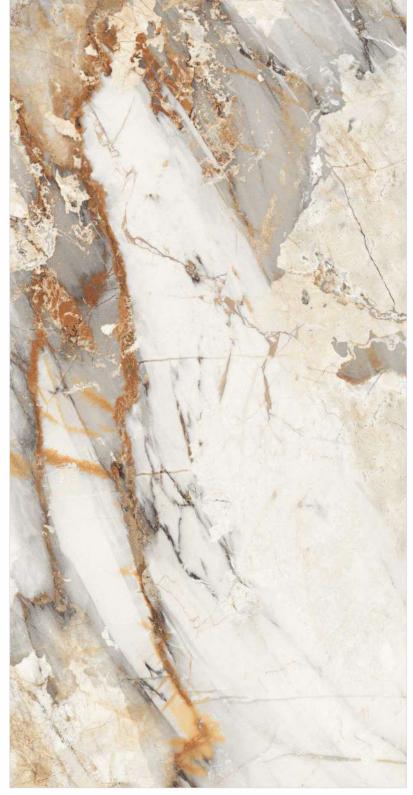
Finish High Gloss
Random 2 Faces

BLUE ROMA



Finish Matt
Random 3 Faces

CASCADE A & B







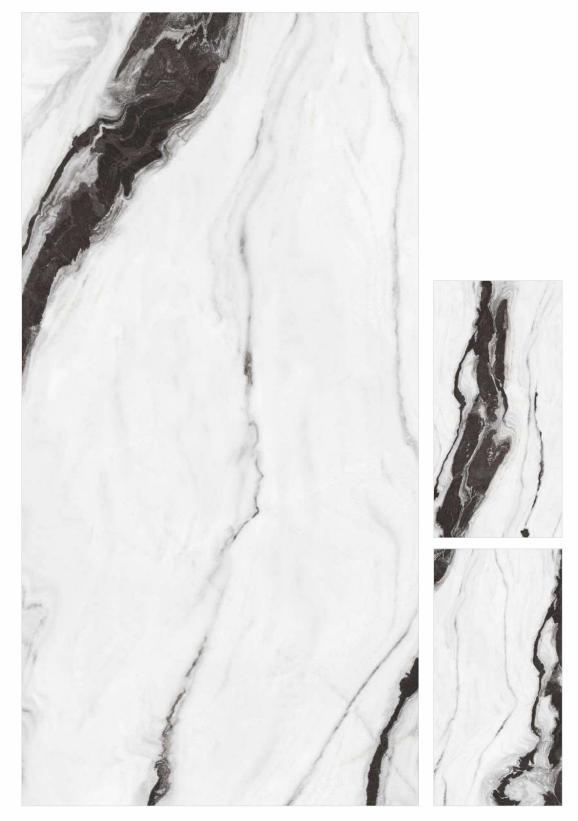


Wall

CASCADE A & B 120x240cm HIGH GLOSS Floor

CASCADE A & B 120x240cm HIGH GLOSS

BLACK PANDA



Finish High Gloss
Random 3 Faces

WHITE ONYX



Finish High Gloss
Random 3 Faces



Floor

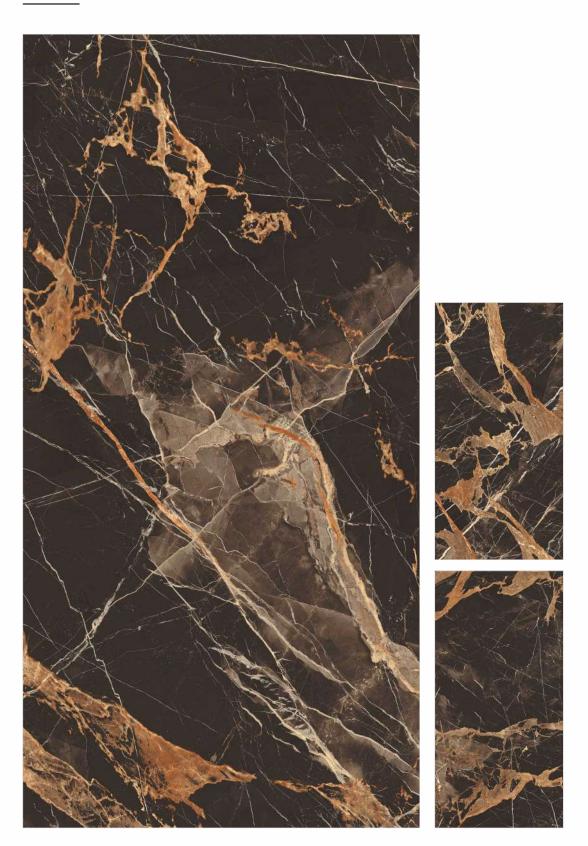
ONYX GREY 120x240cm HIGH GLOSS

ONYX GREY



Finish High Gloss
Random 4 Faces

PORTICO NERO



Finish High Gloss
Random 3 Faces

THE EFFECT OF THE CLASSIC MARBLE



A home is not just any space but a reflection of the shared experiences within the walls. The Classic Marbles transcend your space into a home of shared experiences, laughter & joy. Their pristine look, unmatched strength, resilience, and beauty inspired by nature culminated in making a ceramic masterpiece. They bring natural allure to the versatile spaces they adorn.





Wall
MASSIMO CREMA
120x240cm
HIGH GLOSS

Floor
MASSIMO CREMA
120x240cm
HIGH GLOSS

MASSIMO CREMA



Finish High Gloss
Random 2 Faces

MASSIMO GREY



Finish High Gloss
Random 2 Faces



COLONIAL BLACK 120x240cm HIGH GLOSS Floor

COLONIAL BLACK 120x240cm HIGH GLOSS

BRECCIA ONICIATA

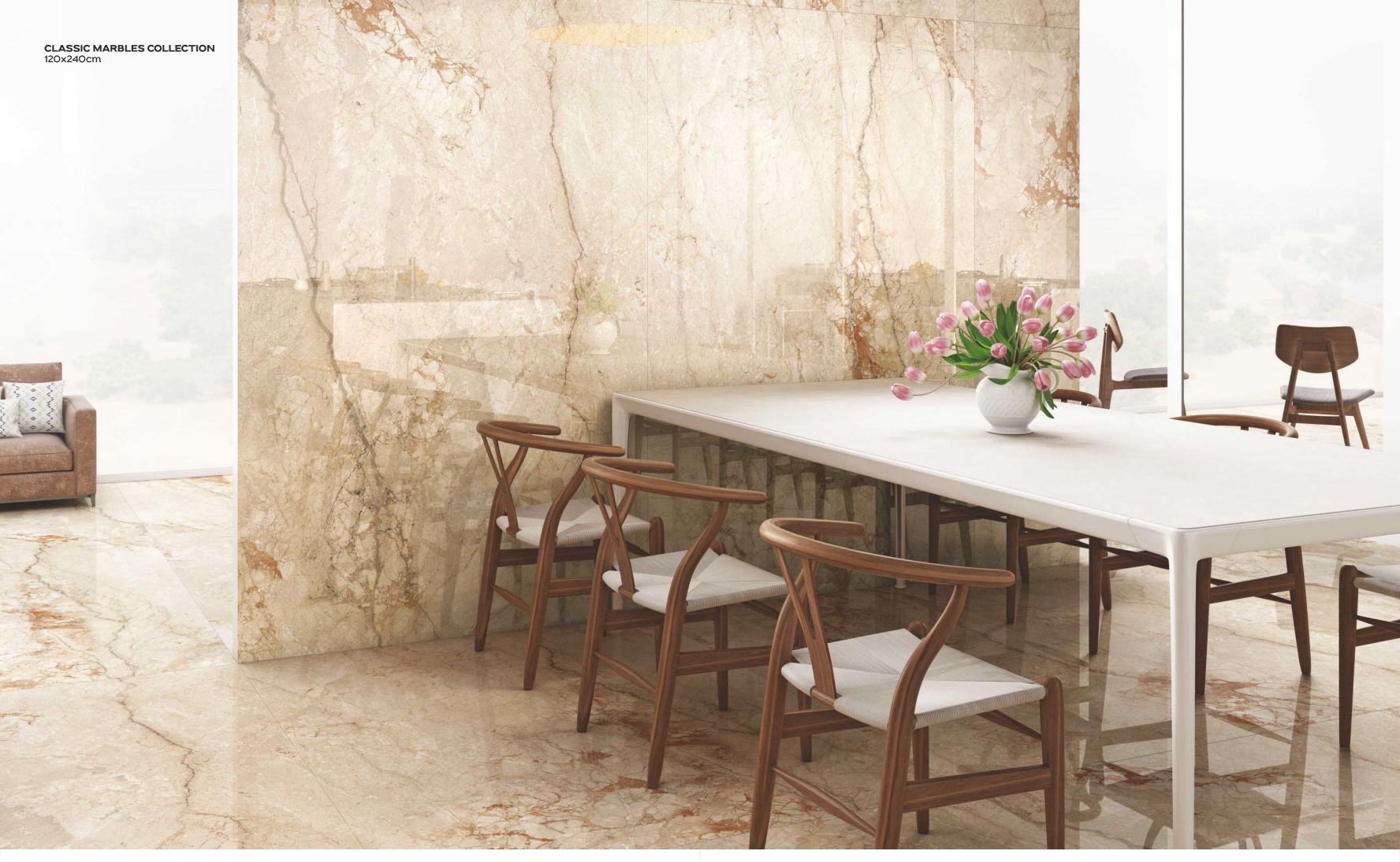


Finish High Gloss
Random 2 Faces

COLONIAL BLACK



Finish High Gloss
Random 4 Faces



CEPPO DI BEIGE 120x240cm HIGH GLOSS Floor

CEPPO DI BEIGE 120x240cm HIGH GLOSS

CEPPO DI BEIGE



Finish High Gloss
Random 3 Faces

CEPPO DI GREY



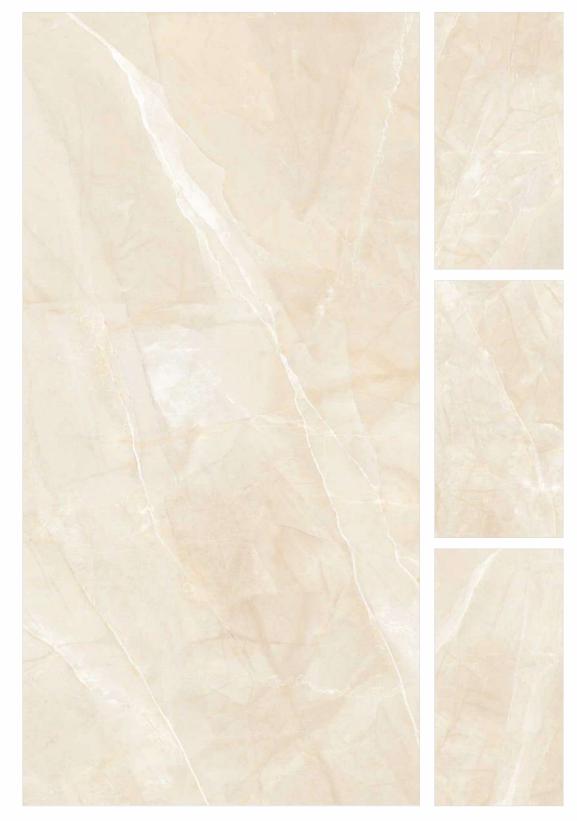
Finish High Gloss
Random 3 Faces



PULPIS EXTRA BROWN 120x240cm HIGH GLOSS Floor

PULPIS EXTRA BEIGE 120x240cm HIGH GLOSS

PULPIS EXTRA BEIGE



Finish High Gloss
Random 4 Faces

PULPIS EXTRA BROWN



Finish High Gloss
Random 4 Faces

TAJMAHAL BEIGE







Floor

TAJMAHAL BEIGE 120x240cm HIGH GLOSS

TAJMAHAL ICE



Finish High Gloss
Random 2 Faces

TAJMAHAL ICE LUX



Finish Lux
Random 2 Faces



NORDIC AVORIO 120x240cm MATT CARVING Floor

NORDIC GRIGIO 120x240cm MATT CARVING

NORDIC AVORIO



Finish Matt Carving
Random 3 Faces

NORDIC GRIGIO



Finish Matt Carving
Random 3 Faces

AMARONE GREY



Finish Matt Carving
Random 2 Faces

AMARONE IVORY



Finish Matt Carving
Random 2 Faces

STONE COLLECTION



Discover a seamless merger of modern designs with natural elegance mimicking the rich textures and earthy hues of stones. These marbles seamlessly blends with any

decor style. The surfaces from the Stone
Collection are engineered to
capture the essence of quarried
rock, providing enhanced
durability and low-maintenance
alternative. Above all, they
create a harmony between
rugged authenticity &
contemporary style.



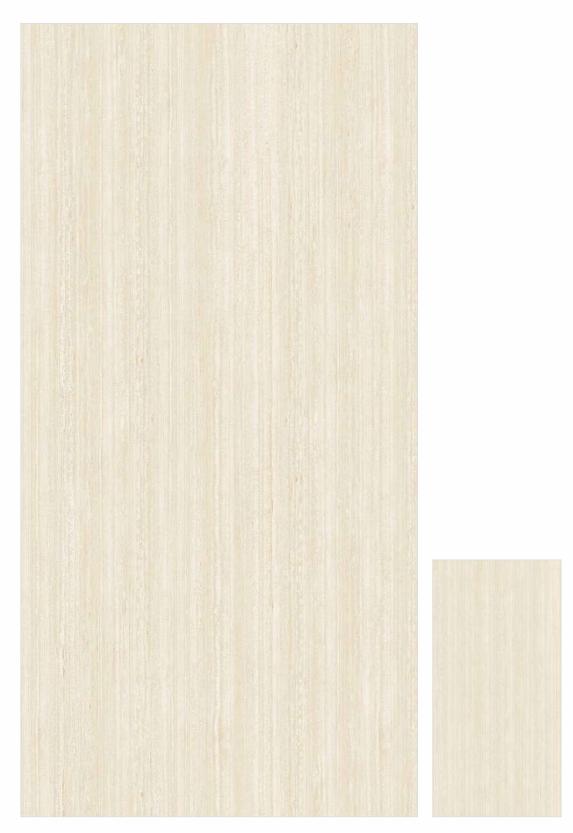


Wall

COASTLINE BEIGE 120x240cm MATT CARVING Floor

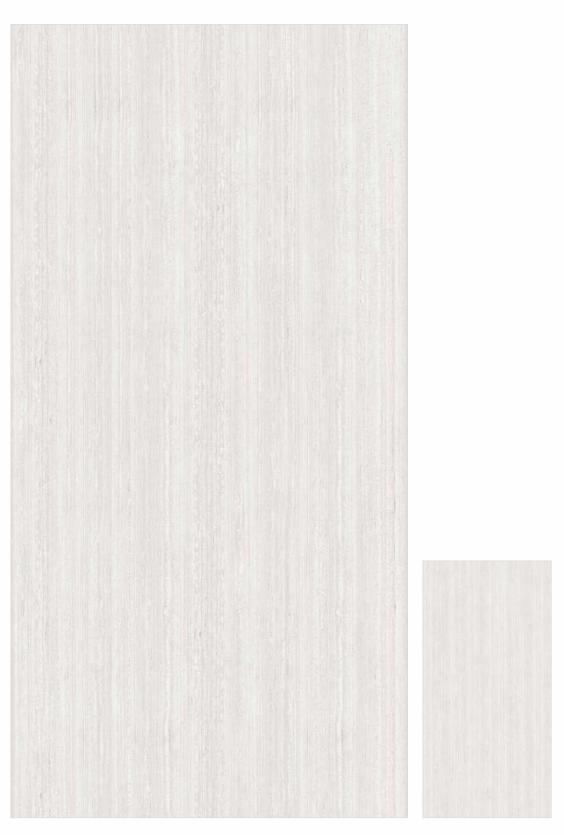
COASTLINE BEIGE 120x240cm MATT CARVING

COASTLINE BEIGE



Finish Matt Carving
Random 2 Faces

COASTLINE WHITE



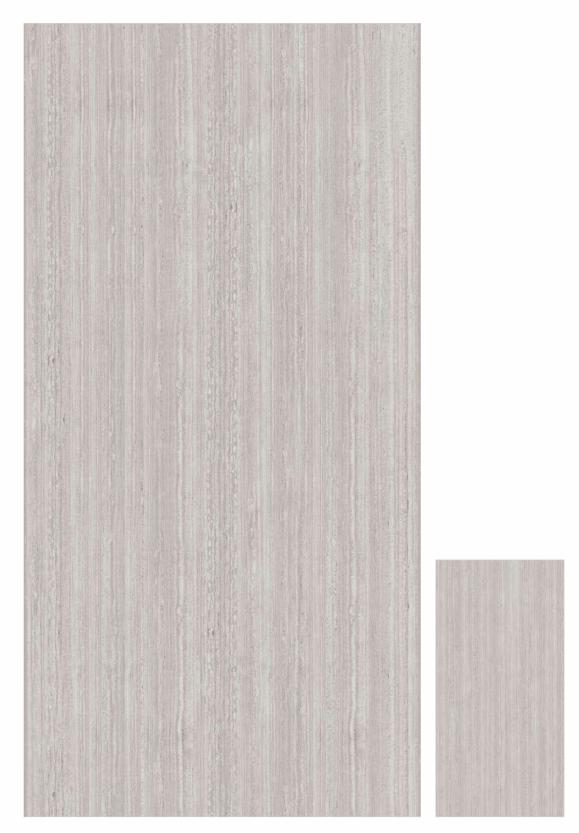
Finish Matt Carving
Random 2 Faces



Floor

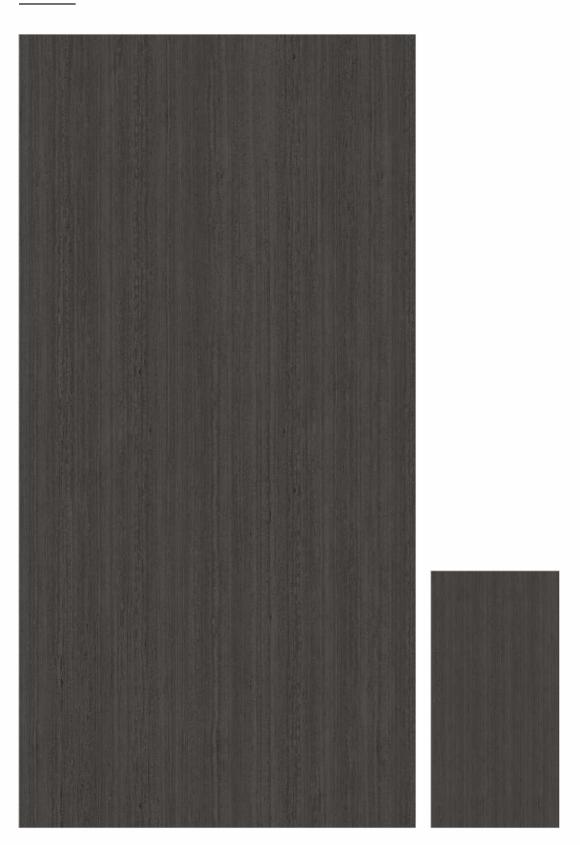
COASTLINE GREY
120x240cm
MATT CARVING

COASTLINE GREY



Finish Matt Carving
Random 2 Faces

COASTLINE NERO



Finish Matt Carving
Random 2 Faces



Floor
ELEMENTO RIVER
120x240cm
MATT

ELEMENTO RIVER



Finish Matt
Random 2 Faces

ELEMENTO WOOD



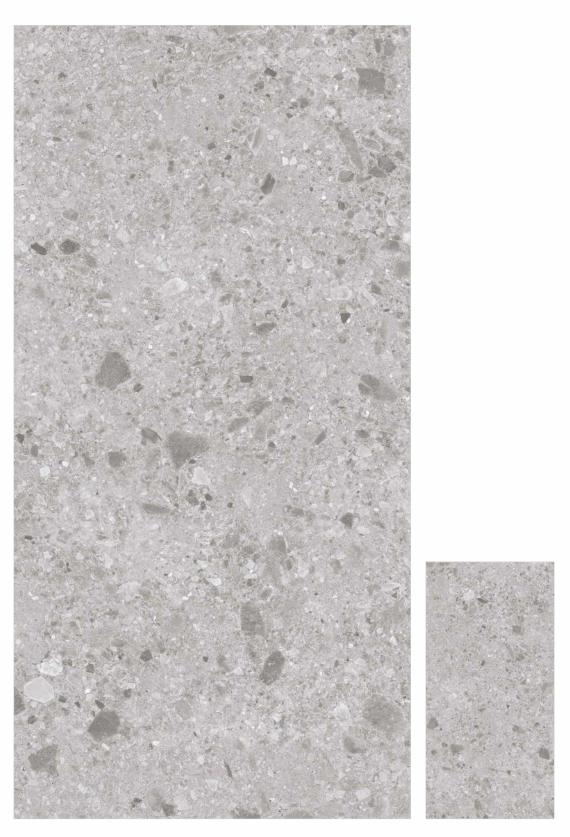
Finish Matt
Random 2 Faces

ELEMENTO ICE



Finish Matt
Random 2 Faces

TERRAZZO GREY



Finish Matt Carving
Random 2 Faces

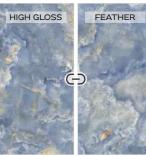
SAME DESIGN IN MULTIPLE FINISHES







CALCATTA VAGLI CALCATTA VAGLI LUX



ONICE REALE COBALT ONICE REALE COBALT FEATHER



ONICE REALE ICE ONICE REALE ICE FEATHER



ONICE REALE RUBBY ONICE REALE RUBBY FEATHER



ONICE REALE SUNSET ONICE REALE SUNSET FEATHER



ONICE REALE VERDE ONICE REALE VERDE FEATHER



OMBRA BEIGE OMBRA BEIGE ULTRA SOFT



OMBRA EMERALD OMBRA EMERALD ULTRASOFT



OMBRA GREY OMBRA GREY ULTRA SOFT

Acid And Alkalies

PACKING DETAILS

TECHNICAL SPECIFICATION

IS 15622:2017

ISO 13006:2018

EN 14411:2016

NO.	CHARACTERISTICS	GROUP BIA E ≤ 0.08	GROUP BIA EV ≤ 0.5 %	GROUP BIA EV ≤ 0.5 %	TEST METHOD	SUNHEARRT VALUE				
Α-	DIMENSION & SURFACE QUALITY (WHICH EVER IS LESS IS APPLICABLE)									
i	Length & Width	±0.1%	± 0.3% OR ± 1.0 mm	± 0.6% OR ± 2.0 mm		± 0.1%				
ii	Thickness	± 5.0%	± 5.0% OR ± 0.5 mm	± 5.0% OR ± 0.5 mm		± 4%				
iii	Straightness Of Side	±0.1%	± 0.3% OR ± 0.8 mm	± 0.5% OR ± 1.5 mm		± 0.1%				
iv	Rectengularity	±0.1%	± 0.3% OR ± 1.5 mm	± 0.5% OR ± 2.0 mm		± 0.1%				
V	Surface Flatness				ISO 10545 - 2					
а	Center Curvature (%)	± 0.5%	± 0.4% OR ± 1.8 mm	± 0.5 % OR ± 2.0 mm	IS 13630 (Part 1)	± 0.2 %				
b	Edge Curvature (%)	± 0.5%	± 0.4% OR ± 1.8 mm	± 0.5 % OR ± 2.0 mm		± 0.2 %				
С	Corner Warpage (%)	± 0.5%	± 0.4% OR ± 1.8 mm	± 0.5 % OR ± 2.0 mm		± 0.2 %				
vi	Surface Quality	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects		Min. 95 % of tiles will be free from visible defects				
В-	B - PHYSICAL PROPERTIES									
i	Water Absorption	<0.08% Ind Max 0.1%	<0.5% Ind Max 0.6%	<0.5% Ind Max 0.6%	ISO 10545-3 IS 13630 (Part 2)	<0.08%				
ii	Modulus Of Rupture [n/mm2]	Av 35, Individual 32 min	Av 35, Individual 32 min	Av 35, Individual 32 min	ISO 10545-4	>35				
iii	Breaking Strength In N	700 for < 7.5mm T 1300 for ≥ 7.5mm T	700 for < 7.5mm T 1300 for ≥ 7.5mm T	700 for < 7.5mm T 1300 for ≥ 7.5mm T	IS 13630 (Part 6)	>1300				
iv	Moisture Expansion In Mm/m	0.02	0.06% /0.6mm/m	0.06% /0.6mm/m	ISO 10545-10 IS 13630 (Part 3)	Nil				
	Resistance To Abrasion Of Glazed Tiles (Class I To V)	Minimum Class II	Depending on surface (As reported)	Depending on surface (As reported)	ISO 10545-7 IS 13630 (Part 11)	Min Class 3 for PGVT				
V	Resistance To Deep Abrasion Of Unglazed Tiles (volume Removed In Mm³)	Max-140	Max -175	Max -175	ISO 10545-6 IS 13630 (Part 12)					
vi	Coefficient Of Linear Thermal Expansion From Embiant Temperature To 100 0 C	6 X 10 -6 K-1	9 X 10 -6 K-1 max	9 X 10 -6 K-1 max	ISO 10545-8 IS 13630 (Part 4)	6 X 10 -6 K-1 max				
vii	Thermal Shock Resistance	10 Cycle Passed	10 cycle min	10 cycle min	ISO 10545-9 IS 13630 (Part 5)	10 cycle Passed				
viii	Crazing Resistance	4 cycle	2 Cycle (@ 5 bar))	2 Cycle (@ 5 bar))	ISO 10545-11 IS 13630 (Part 9)	4 cycle passed				
ix	Frost Resistance	100 Cycle	Required	Required	ISO 10545-12 IS 13630 (Part-10)	Passed				
х	Impact Resistance	0.55	0.55	0.55	ISO 10545-5 IS 13630 (Part 14)	>0.55				
хi	Bulk Density	Min 2.2			ISO 10545-3 IS 13630 (Part 2)	2.2 gm/cc.min				
C -	C - CHEMICAL PROPERTIES									
i	Stain Resistance	Min Class I	Min Class 3	Min Class 3	ISO 10545-14 IS 13630 (Part 8)	Class 3 (as per ISO)				
ii	Resistance To Household Chemicals	Class AA	Min Class B	Min Class B	ISO 10545-13 IS 13630 (Part 8)	Class A(AS per ISO)				
iii	Resistance To Acid And Alkalies		Decleared Value	Decleared Value	ISO 10545-13 IS 13630 (Part 8)	Class A				

SIZE	PIECES / BOX	COVERAGE AREA / BOX		WEIGHT / BOX
120x240cm	1	31.00 sq.ft.	2.88 sq.meter	60 Kg (approx)

Note: Color shown in catalog may vary with the original tile. Slight shade & size variation is an inherent property of Ceramic / Vitrified tiles. For Normal Glossy Class III, High Glossy Class II/Class III, Matt Class III/Class IV.

TRANSPORT SYSTEM

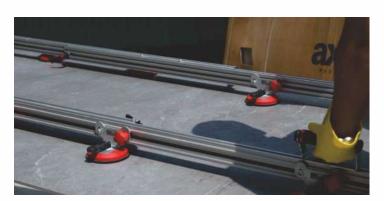
axi marble is extremely heavy and may have sharp edges. It is therefore necessary to wear protective gloves at all times. We recommended the use of single or double suction cups which help to ensure the integrity of the tile is maintained and the operators' safety is not compromised.

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 for larger formats the full frame with four suction cups is suitable, with smaller formats two double suction cups are sufficient.





FIXING SYSTEM

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 your tiles 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 slabs 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 5-10cm more than the size of the tile 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 tile with adhesive is ensured.







HAND CUTTING SYSTEM

CUTTING

axi marble require high quality diamond blades for cutting; if hiring cutting equipment please ensure this is provided with the appropriate blades. Always cut and fabricate with wet diamond tools and take appropriate measures to provide efficient ventilation in the work area. Always wear approved eye, boot & hand protection when fabricating porcelain.



For most cuts we recommend the use of a wet saw machine. These are available for cutting lengths of 100 mm up to 2200 mm. The Raimondi Bolt range of bridge wet saw machines are available in various lengths.

For linear cuts of 1500 – 3000 mm we recommend the use of a cutting guide with cutting carriage.

Always use a handling frame with suction cups where necessary. The Raimondi FREE-CUT Cutting System is available for lengths up to 4000 mm.

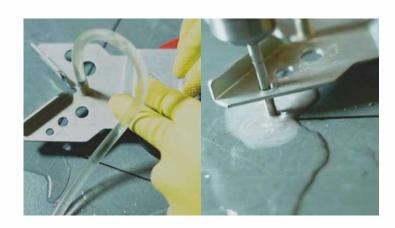




CUTTING GUIDE WITH CUTTING CARRIAGE

Mark the portion to be removed at the ends of the tile with a pencil. Position the cutting guide with cutting carriage so that the references on the guide coincide with the lines marked on the panel.

Lock the cutting guide with the cutting carriage in place



Using the cutting guide, move the panel until scoring line protrudes 5-10cm from work surface.

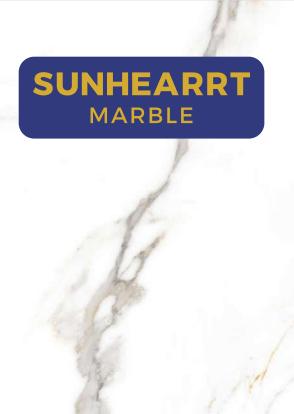
Release the cutting guide from suction cups and move towards the middle of the panel. Start cutting off process by positioning cutting-off pliers in line with the line scored on the panel. Exert progressive pressure until you notice that cutting off process has begun. Go to the opposite end and position cutting-off pliers in line with line scored on the panel. Exert progressive pressure until you notice the cutting off process has begun. To complete the cutting off process, one or more operators must grip the portion to be removed and exert progressive pressure.

Sharp or rough edges should be smoothed and finished with a diamond buffer or sanding pad.

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.







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