

SUNHEARTT CERAMIX

TILES | BATHWARE | ADHESIVE



4D TECH
Surface innovation by Sunheartt

60cm x 120cm

SUNHEARRT INTRODUCTION

Path-breaking innovations with a Promise of quality!

Inspired in collection, and unmatched in design; Sunhearrt, a brand by Sunhearrt Ceramix Private Limited, 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 ever-expanding 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



14+ Unique Surfaces



14+ SIZES under one roof



PRESENCE IN **83+** COUNTRIES



28 MILLION SQM. MANUFACTURING CAPACITY/ANNUM



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



1195+ BUSINESS PARTNERS



INVESTMENTS IN **RENEWABLE ENERGY**

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.

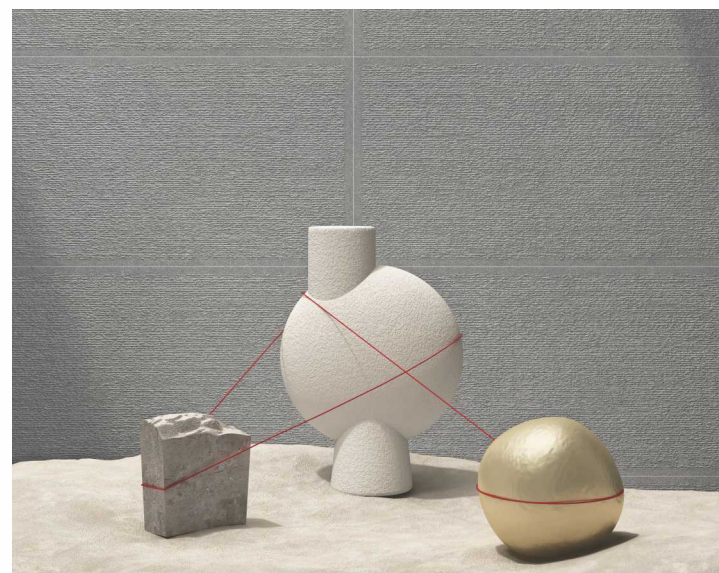
Our focus lies in transcending the ordinary, where every tile, every design, echoes the essence of sophistication and durability. Sunhearrt stands as a beacon for those seeking not just elegance but an enduring legacy woven into the very fabric of their spaces.



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!

INTRODUCTION OF 4D TECH



PRODUCTS INTRODUCTION

THE NEW AGE CREATION WHERE NATURE MEETS INNOVATION

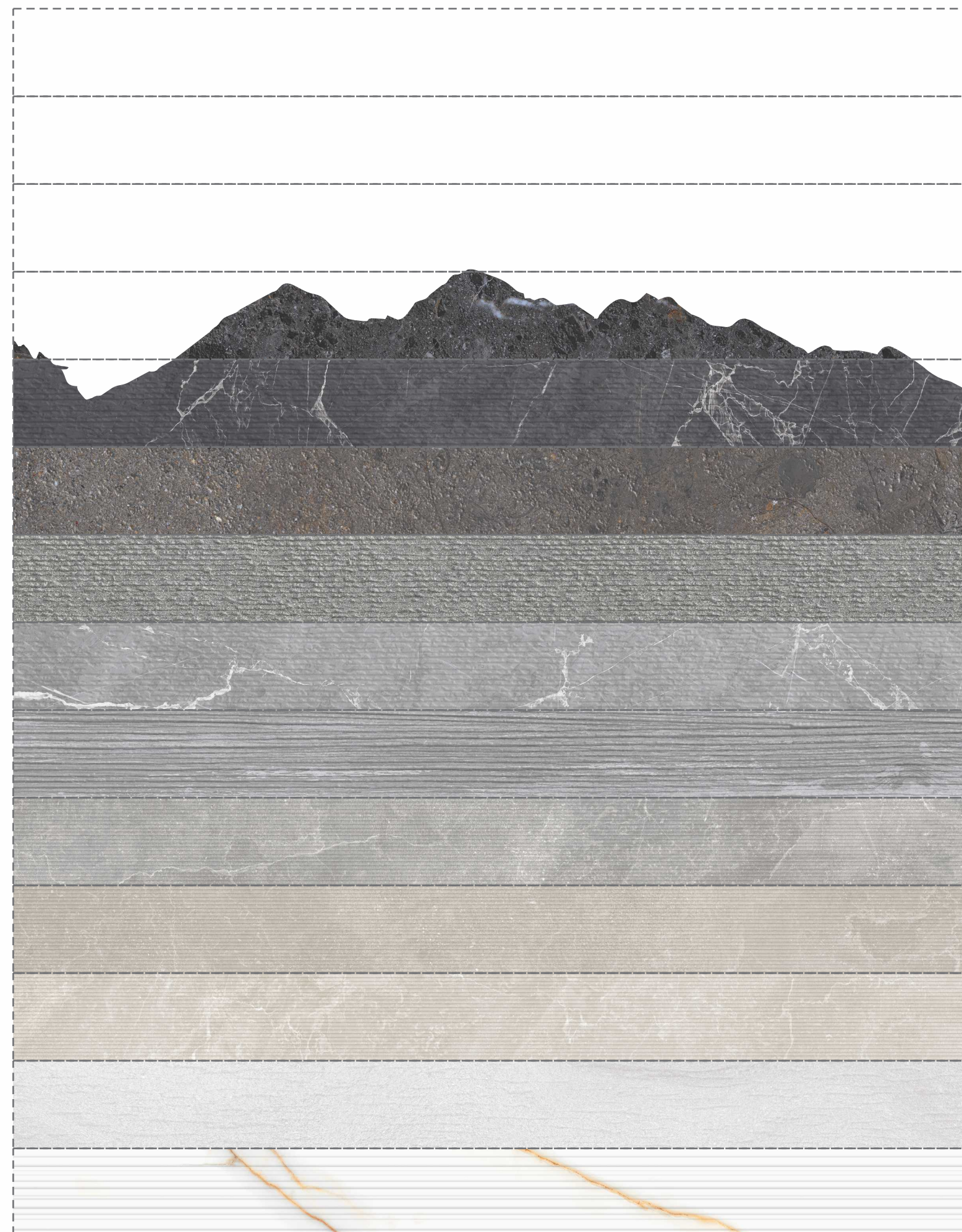
The fascinating convergence of nature and innovation led to an inspiring breakthrough - 4D TECH that replicates nature's efficiency & resilience.



Introducing you to trailblazing innovation in ceramics, breaking boundaries in design aesthetics & style. The 4D Tech surface by Sunheartt is crafted using the most advanced technology - 4D in the tile industry. These surfaces are inspired by nature & its elements, and the relief textures imprinted on the tile's surface let you harmonize with the natural world.

The breakthrough collection ensures greater precision, versatility and efficiency. With a diverse gallery of surface designs, it seamlessly intertwines inspiration with innovation, inviting endless possibilities for creative expression and functional adaptation.

VIVID PUNCHES OFFER PALETTE OF POSSIBILITIES



FUSION OF RELIEF AND GRAPHICS



Intrinsic

The textures, sinuosity, and veining found in nature all follow capricious rules, and it is this random nature that makes them so very lovely. Nothing is ever identical and this singularity is the secret to nature's beauty.

Sunhearrt's passion for detail has led it to develop technology able to reproduce nature in its maximum of expressions, captured down to the tiniest of details.

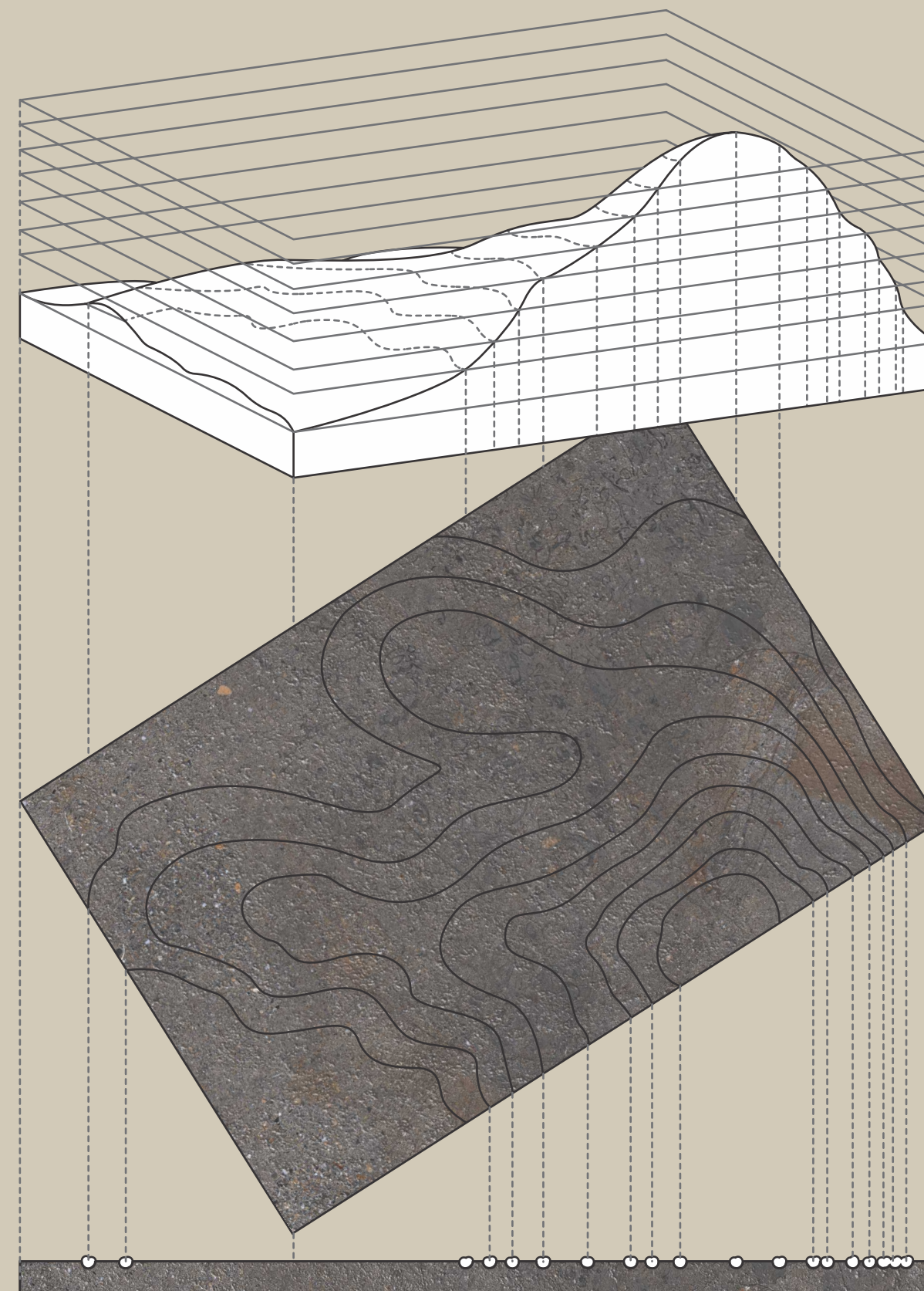
Digital technology is used to create textures that coincide perfectly with the printed pattern, leading to some of the most natural-looking designs ever to be seen on ceramic tiles.

Accurate

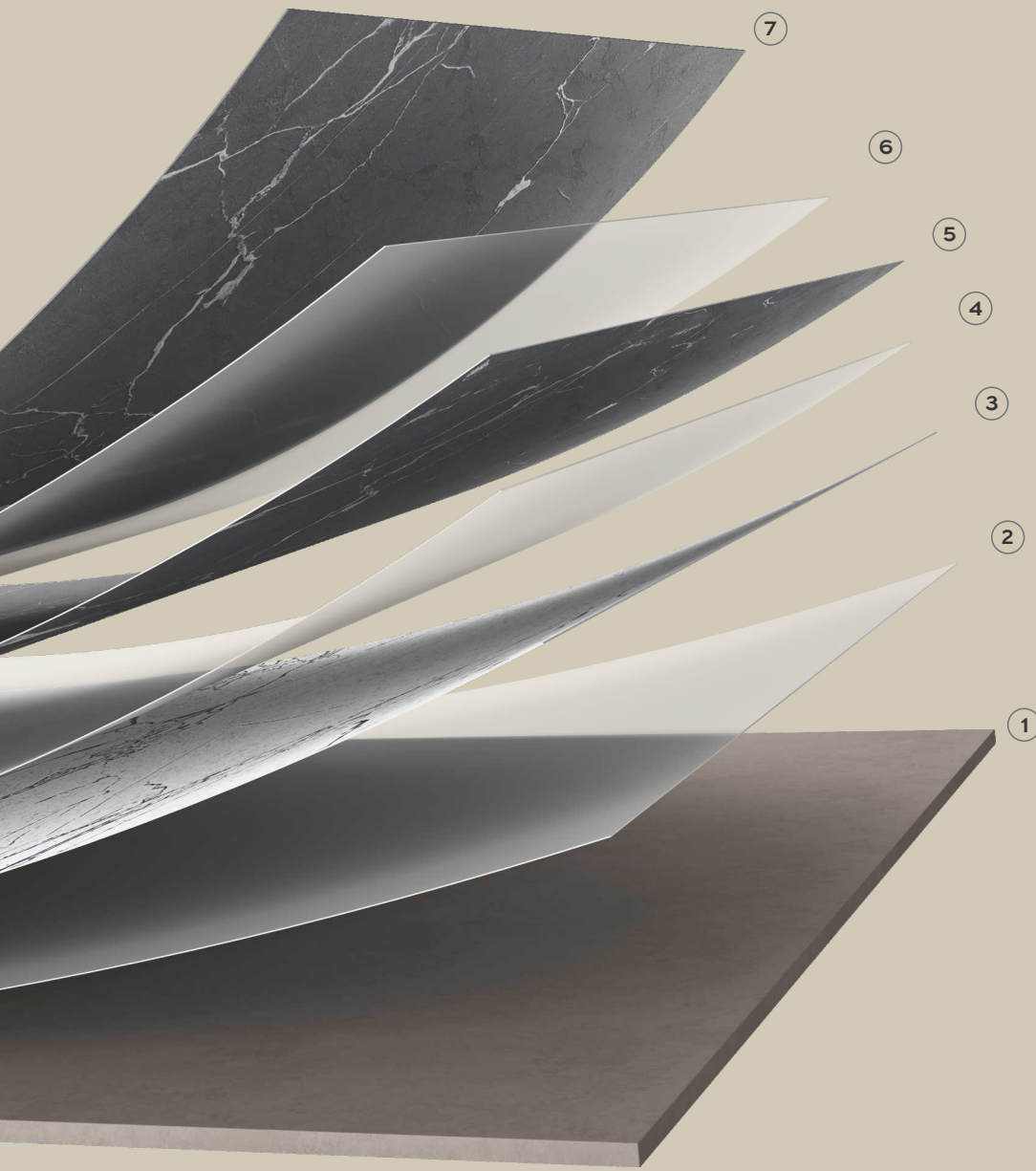
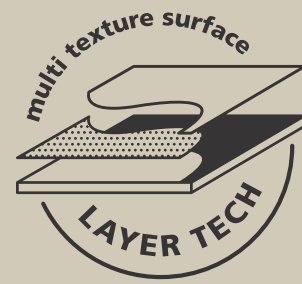
Our printing inks reach each and every part of the printed texture. The tiles are printed with absolute precision, carefully marrying the design with the corresponding texture to unparalleled technical effect.

Tactile

There are no optical illusions. Everything is real. What you see and what you touch are one and the same thing. The printed veins coincide perfectly with the texture. Everything you have always longed for in ceramic tiles has now been achieved by Sunhearrt.



LAYERS OF 4D TECH



The surface innovation from Sunhearrt - the 4D Tech features layers crafted to the tiniest details. This modern ceramic marvel incorporates a tech layer above the tile base and an englobe layer integrating tactile patterns and further enhancement of the same with multiple glaze layers and a digital print layer of design topped with the polished layer, thus creating finish excellence.

1) Base Layer

7) Tactile Overlay

2) 1st Protective Layer

6) 3rd Protective Layer

3) 4D Tech Layer

5) Design Layer

4) 2nd Protective Layer

4D TECH

Surface innovation by Sunhearrt

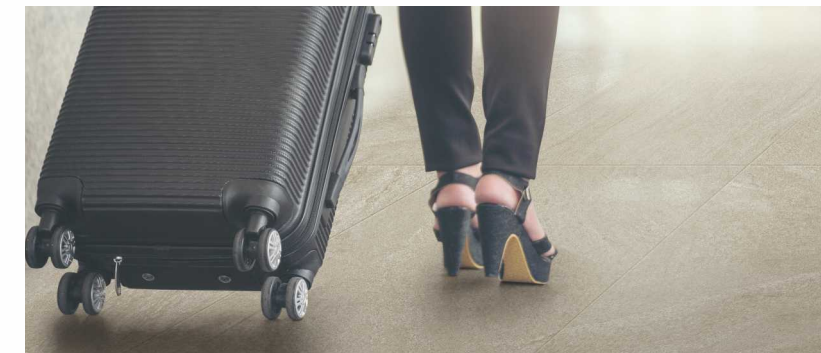
CRAFTED BY SUNHEARRT ^{4D}

Innovative technology - our ace card!

4D Tech is an excellent ceramic innovation, adding an extra dimension to surfaces and raising standards in the industry.

A new and nuanced approach

This avant-garde technology offers versatility, efficiency, greater accuracy and sustainability. Most importantly, it prioritizes quality.



Dimension

An unprecedented level of precision and distinction has been attained with 4D Tech technology. It enhances finer details, higher definition and versatile effects inspired by our real sources.

Design

Introducing not only larger dimensions but also a broader array of Designs in ceramic tiles previously unimagined.

Definition

Driven by the thought of bringing innovation and ceramics together, we at Sunhearrt came up with 4D TECH technology, a new-age creation, transforming the appeal of tiles and enhancing its quality to the maximal level.

Distinction

Surfaces crafted by Sunhearrt using the 4D TECH technology establish new benchmarks in design, harnessing fresh aesthetic and material possibilities that enhance product appeal.



Wall: CALCATTA OPTIMUS STREAK | Floor: CALCATTA OPTIMUS

Floor: CALCATTA OPTIMUS



Wall: CALCATTA OPTIMUS STREAK

Experience elegance with the marble, artfully adorned with striking veins and sleek vertical lines. This masterpiece captures the pristine allure of white marble and infuses a dynamic contrast.



Wall: CALCI GOLD CORD | Floor: CALCI GOLD

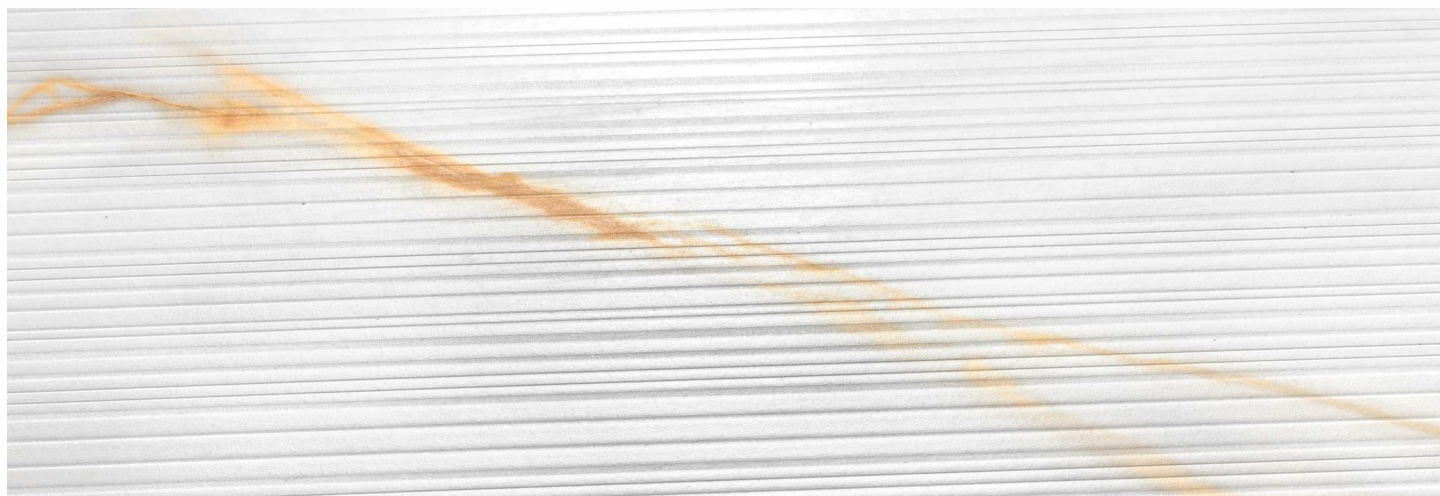
Witness surface design punctuated by intricate rough punches reminiscent of natural terrains - a captivating blend of artistry and earthy authenticity for the untamed essence of nature in your spaces.

Floor: CALCI GOLD



MARBLE COLLECTION 24

4D TECH COLLECTION
60x120cm

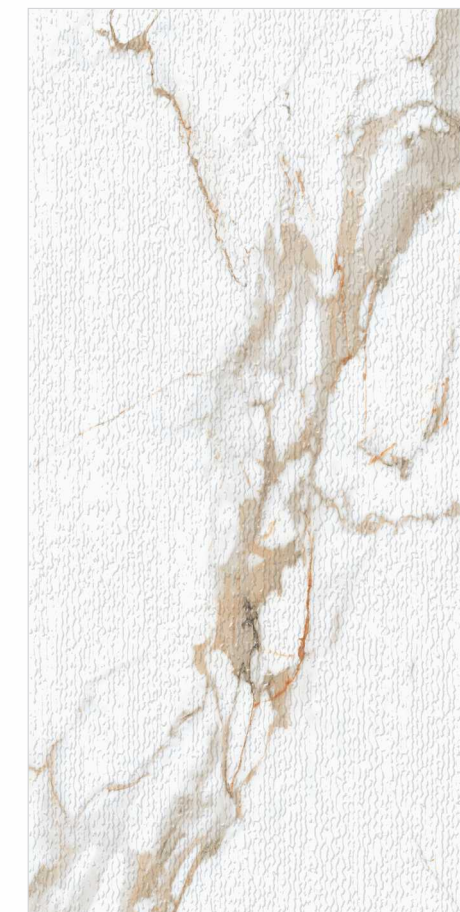
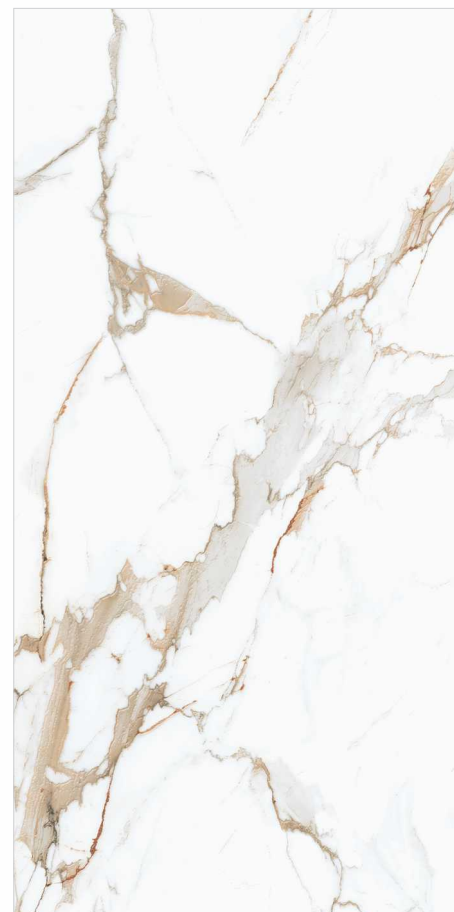


CALCATA OPTIMUS

CALCATA OPTIMUS STREAK

CALCI GOLD

CALCI GOLD CORD



Finish 4D
Random 6 Faces



Finish 4D
Random 6 Faces



Finish 4D
Random 4 Faces



Finish 4D
Random 4 Faces





NORBERTO GREY



Finish 4D
Random 6 Faces

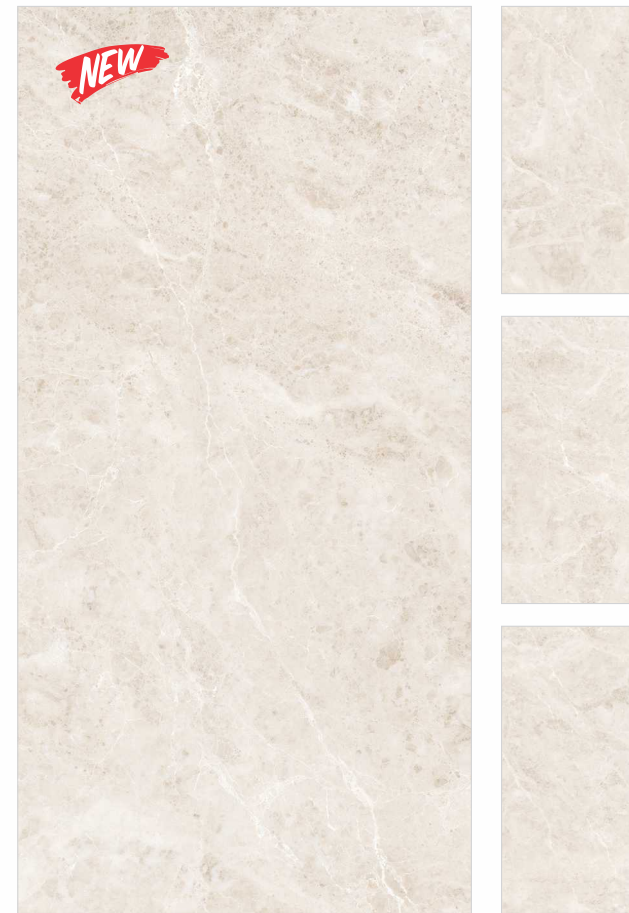
NORBERTO BLANCO



Finish 4D
Random 6 Faces



NORBERTO IVORY



Finish 4D
Random 6 Faces



Wall: SNOWY WHITE FRACTAL | Floor: SNOWY WHITE



MARBLE COLLECTION 24

Wall: SNOWY WHITE FRACTAL | Floor: SNOWY WHITE

Discover a fusion of nature and urban sophistication with the organic veins of natural stone juxtaposed with precise geometrical punches - a design seamlessly bridges rustic charm with contemporary flair.



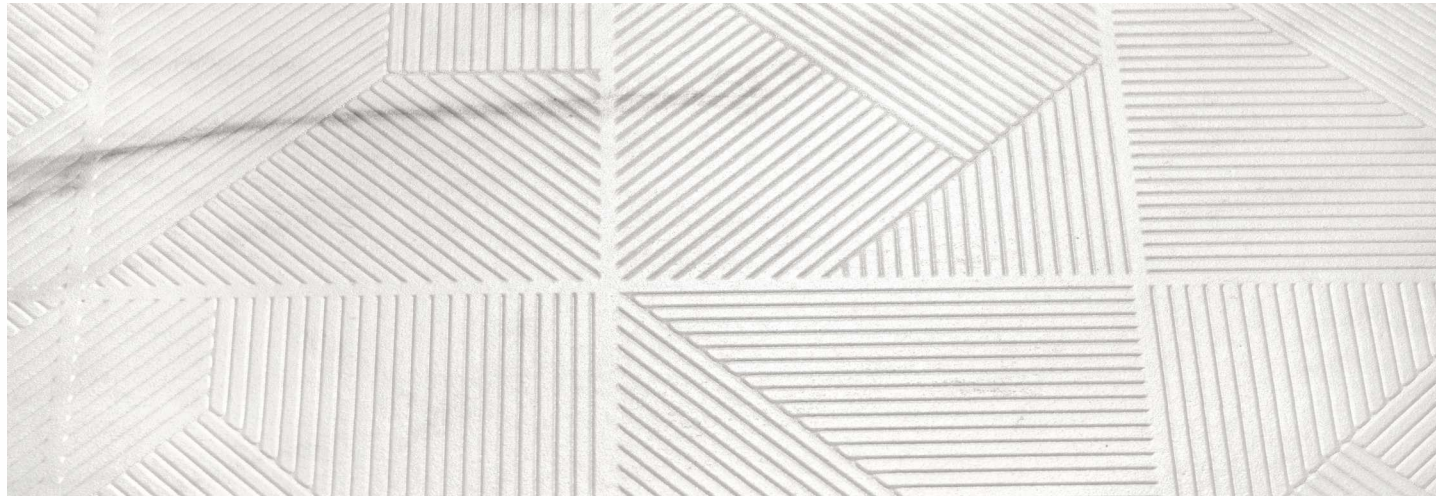
Wall: BOTICCINO AVORIO TRIGON | Floor: BOTICCINO AVORIO

Experience the allure of modern aesthetics intertwined with nature's beauty with a swaying punch pattern in which contemporary design elements marry the organic elegance of natural marble.



Wall: BOTICCINO AVORIO TRIGON

4D TECH COLLECTION
60x120cm

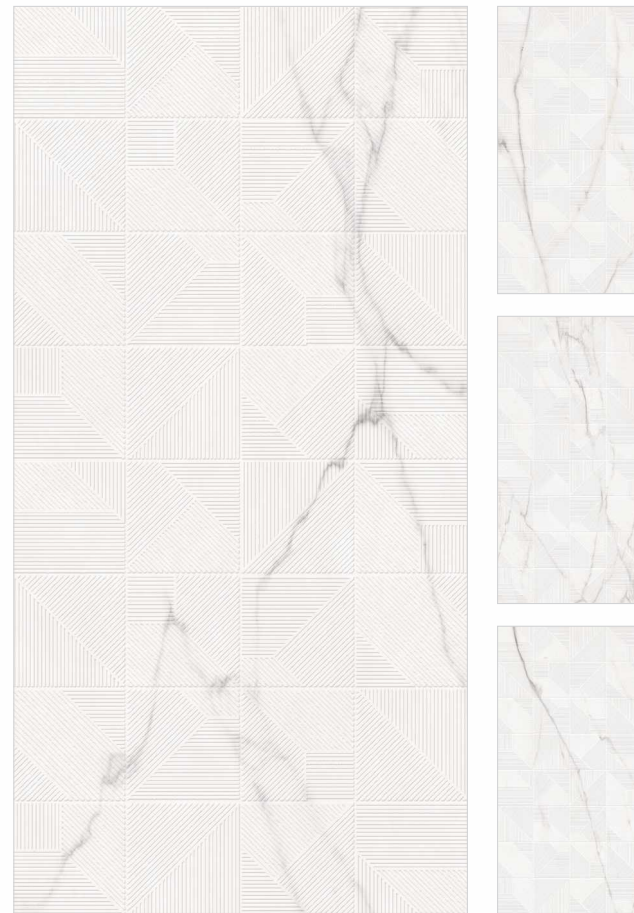
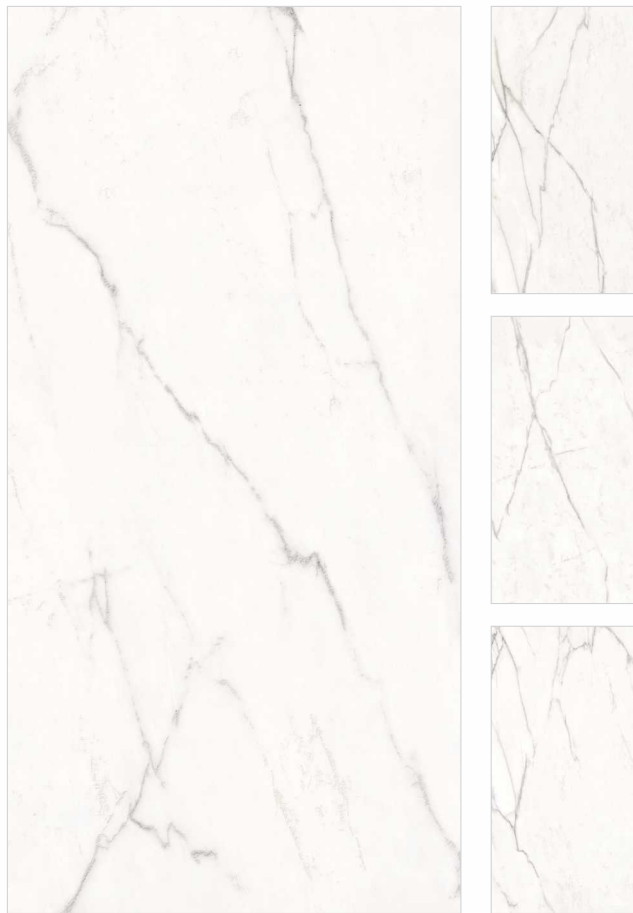


SNOWY WHITE

SNOWY WHITE FRACTAL

BOTICCINO AVORIO

BOTICCINO AVORIO TRIGON



Finish 4D
Random 8 Faces



Finish 4D
Random 8 Faces



Finish 4D
Random 4 Faces



Finish 4D
Random 4 Faces



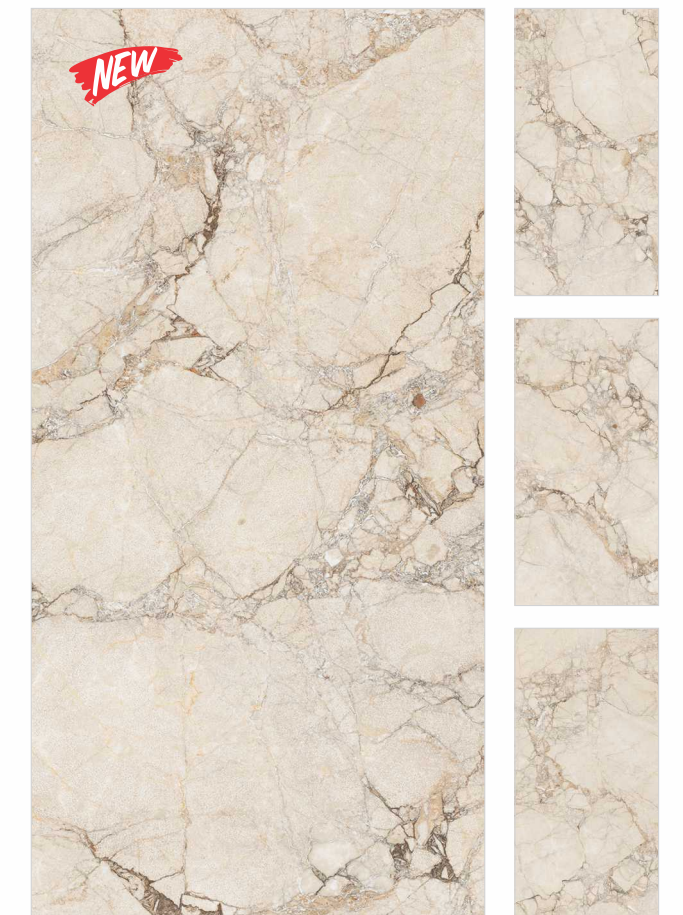


CARTENIA CREAM

CARTENIA GREY

CELES BEIGE

COUVET BEIGE

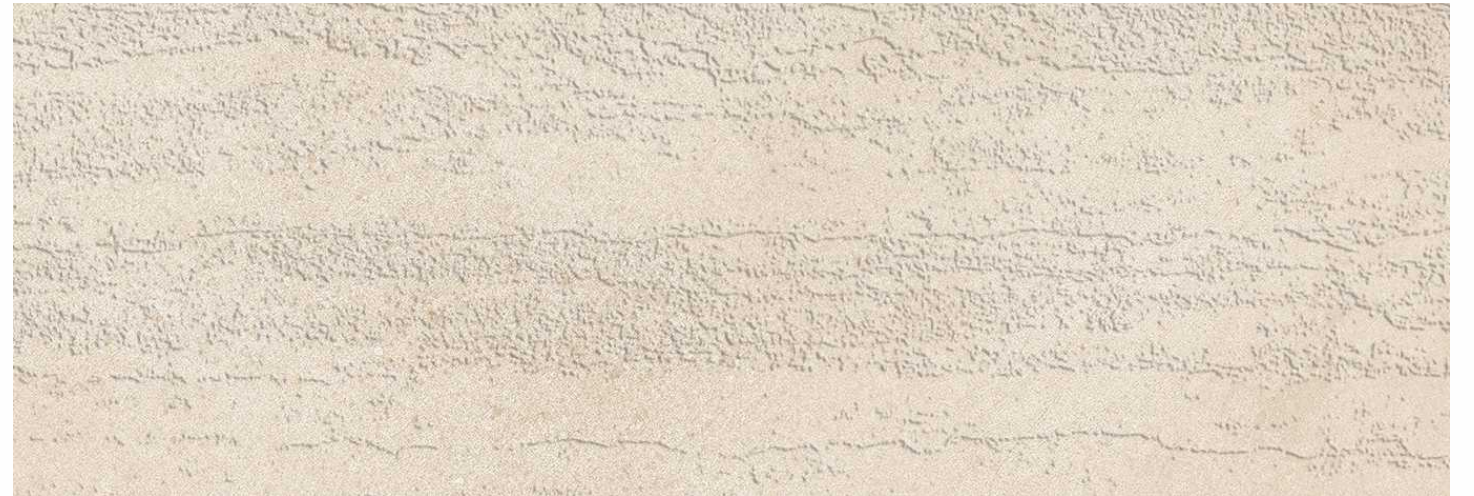


Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

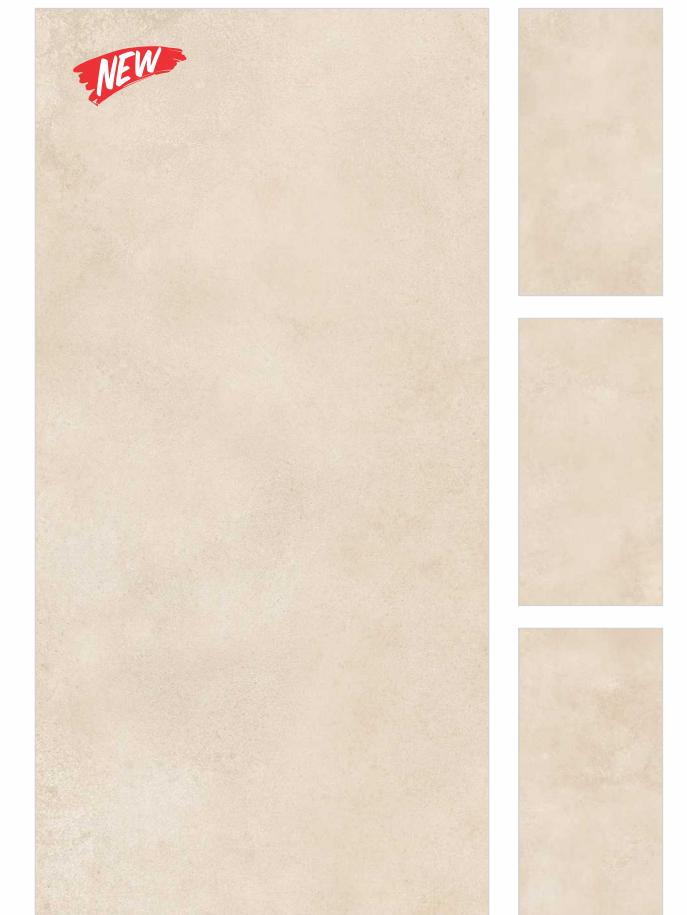
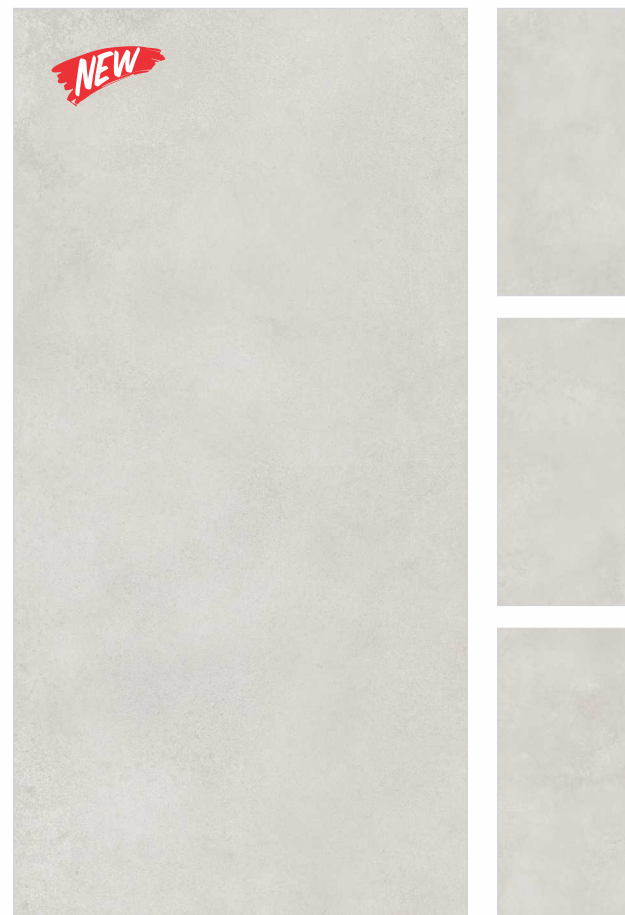
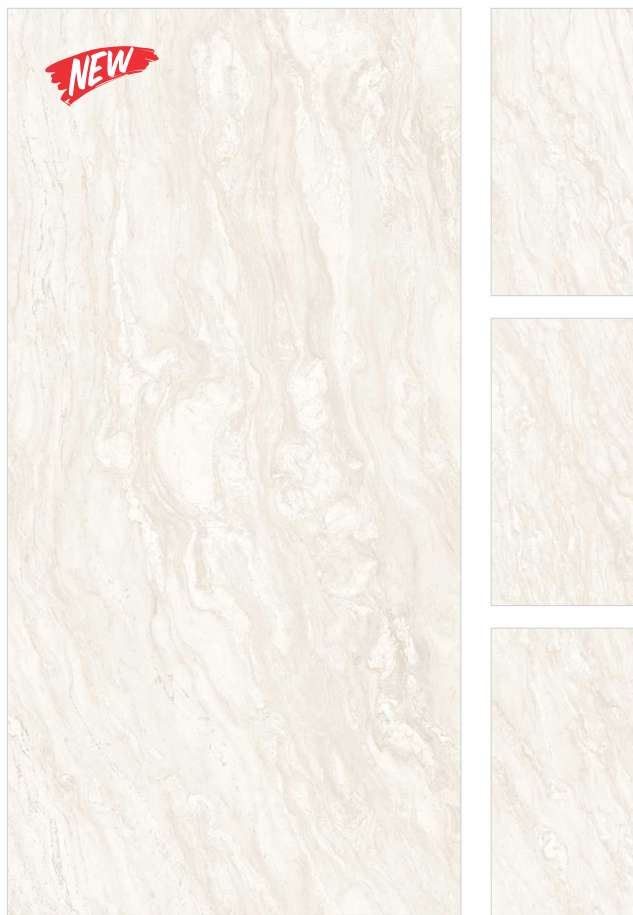


CRIOSTONE IVORY

CRIOSTONE WHITE

DELIGHT WHITE

DELIGHT BONE



Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces



Wall: STELLAR CREMA CURVES | Floor: STELLAR CREMA

MARBLE COLLECTION 24



Wall: BURRY CREMA | Floor: BURRY CREMA

Wall: BRACCIA ANTICA BLACK



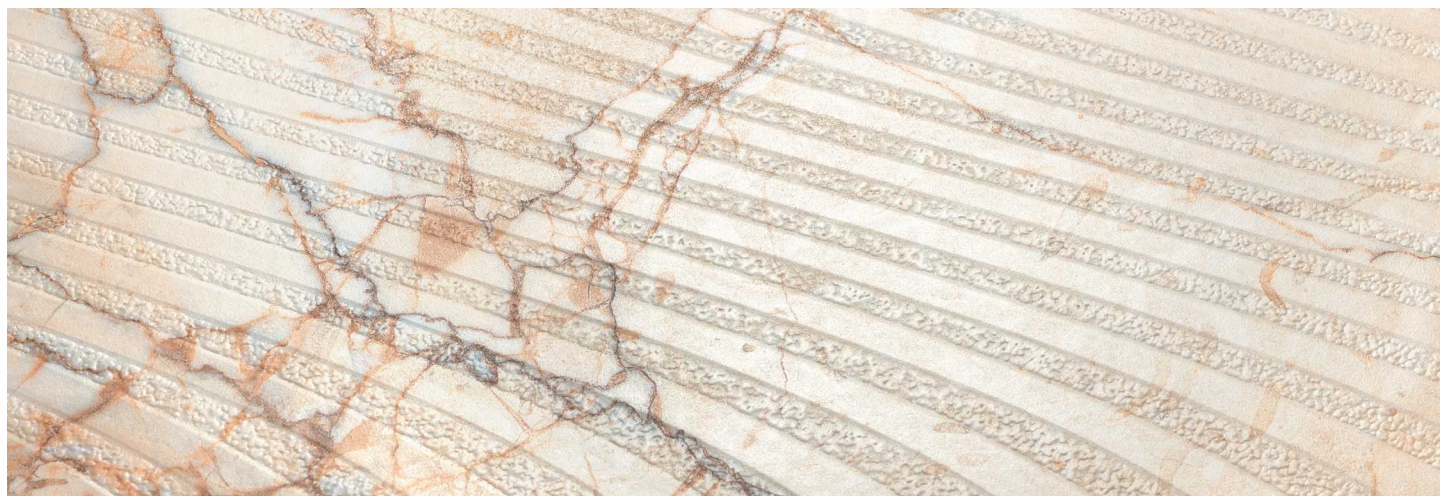
MARBLE COLLECTION 24

Experience the velvety tones of dark marble with tiles meticulously designed with luxurious depth and impressions of nature's marvels, merging precision with the unmistakable allure of marble.



Wall: BRACCIA ANTICA BLACK | Floor: BRACCIA ANTICA BLACK

4D TECH COLLECTION
60x120cm

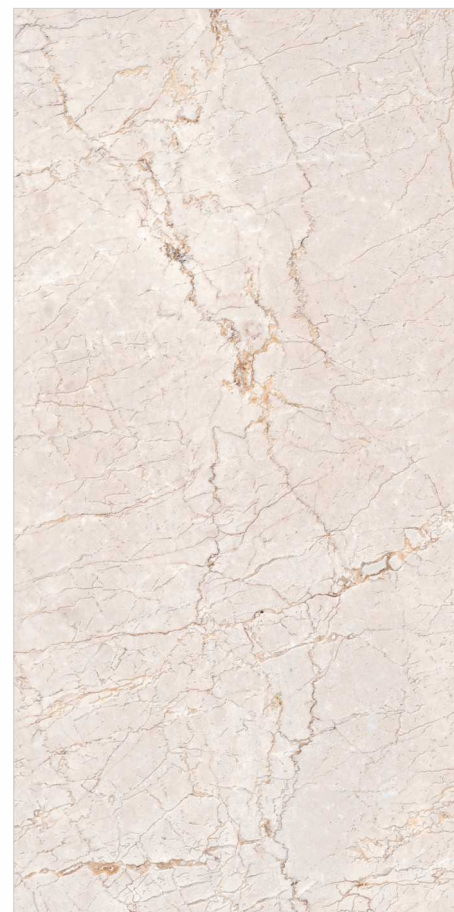


STELLAR CREMA

STELLAR CREMA CURVES

BURRY CREMA

BRACCIA ANTICA BLACK



Finish 4D
Random 6 Faces



Finish 4D
Random 6 Faces



Finish 4D
Random 6 Faces



Finish 4D
Random 4 Faces

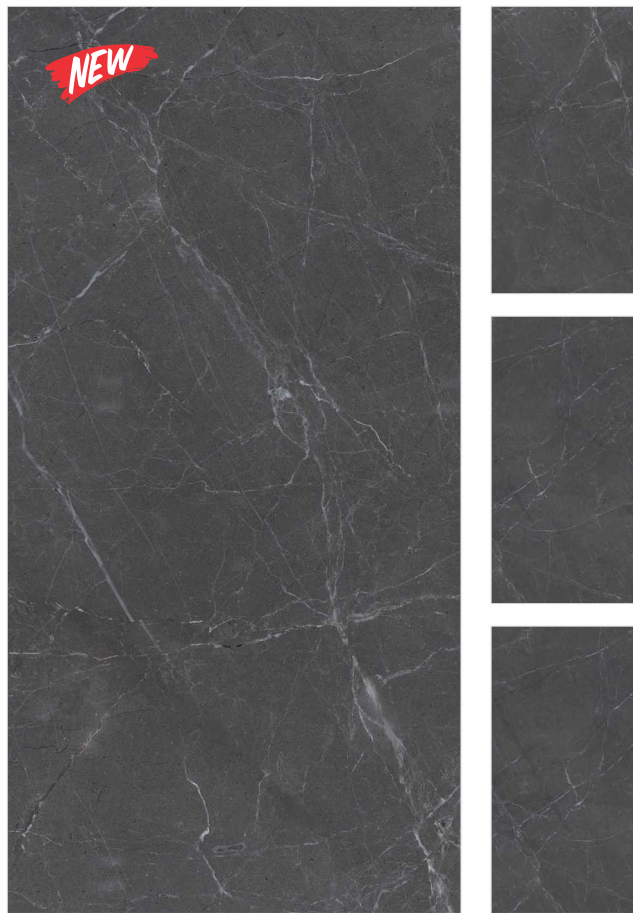




ALBENDRA BLACK

ALBENDRA WHITE

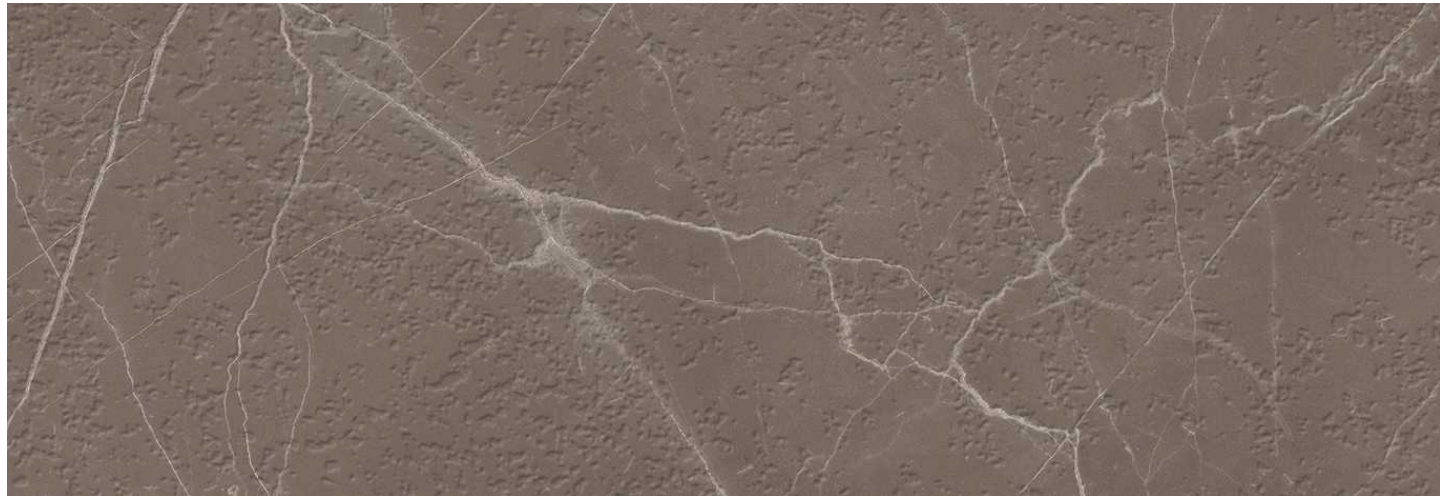
ALBENDRA BEIGE



Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

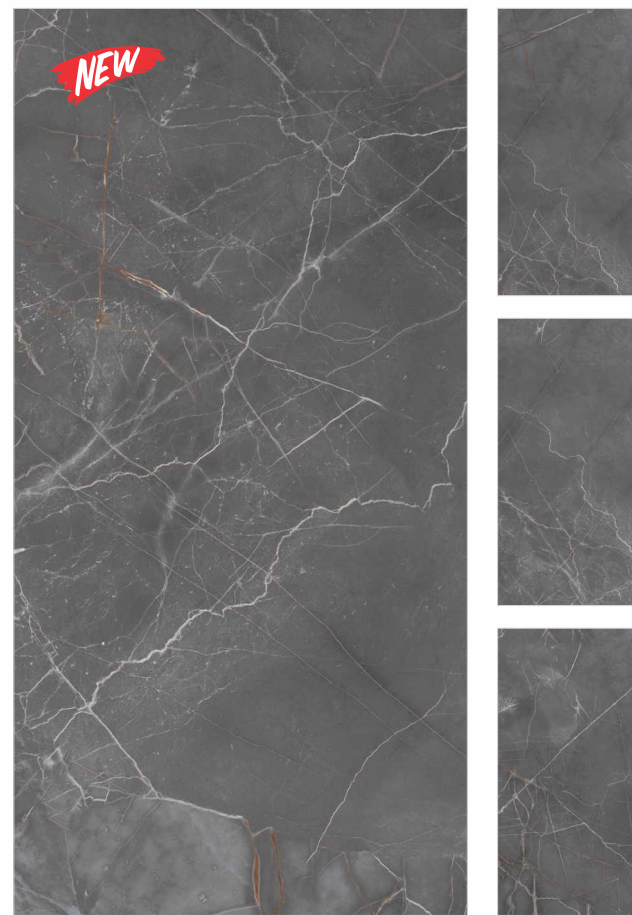
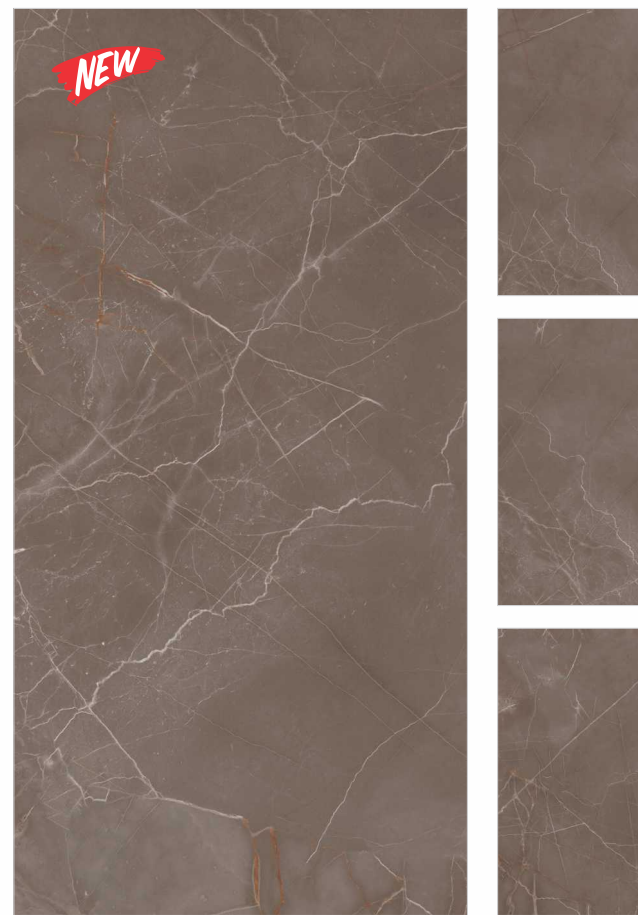
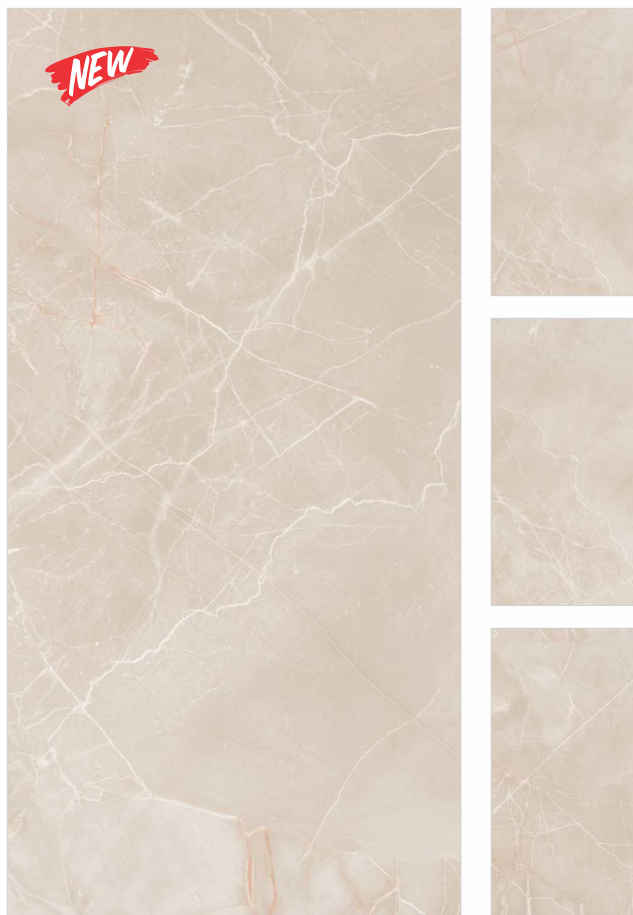
Finish 4D
Random 6 Faces



CASPIO IVORY

CASPIO BROWN

CASPIO BLACK



Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Wall: JHANJHAR WHITE DIAMOND | Floor: JHANJHAR WHITE

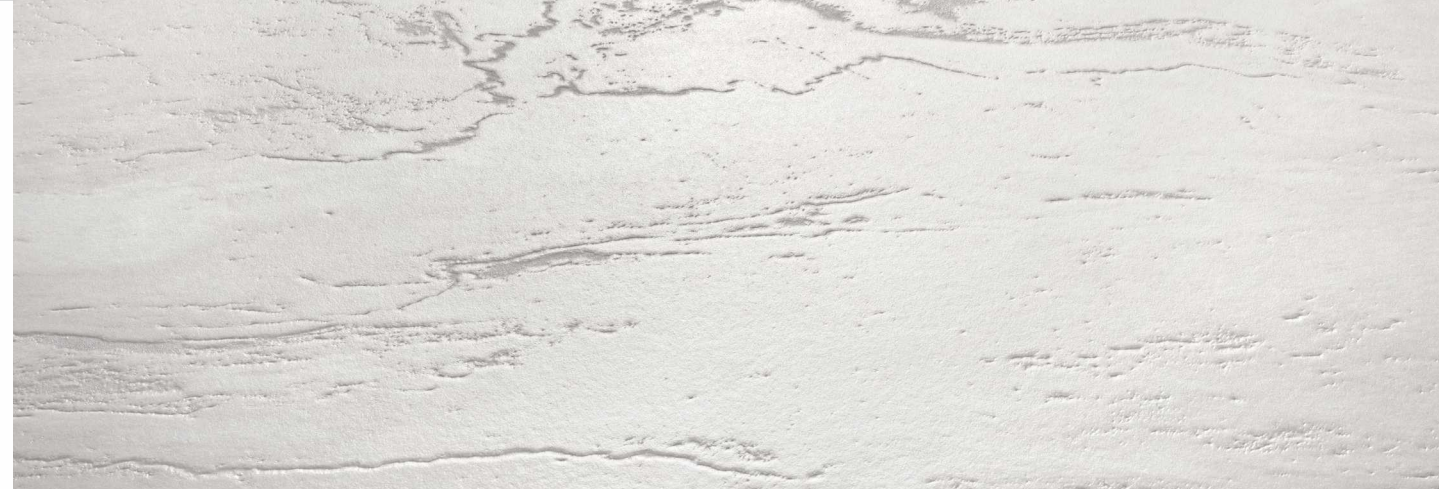
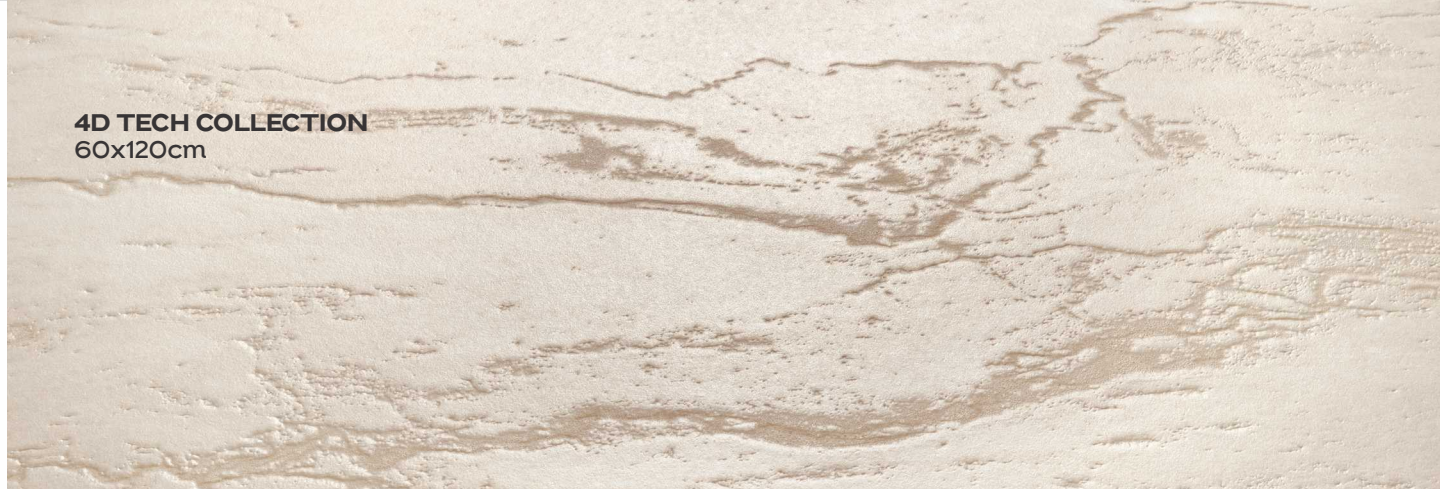


Embrace the essence of marble elegance accentuated by symmetrical punches that bloom in the graceful silhouette of flower petals, intricately transforming spaces into serene botanical sanctuaries.

Wall: JHANJHAR WHITE DIAMOND



4D TECH COLLECTION
60x120cm



JHANJHAR AVORIO

JHANJHAR AVORIO DIAMOND

JHANJHAR WHITE

JHANJHAR WHITE DIAMOND



Finish 4D
Random 4 Faces



Finish 4D
Random 4 Faces



Finish 4D
Random 4 Faces

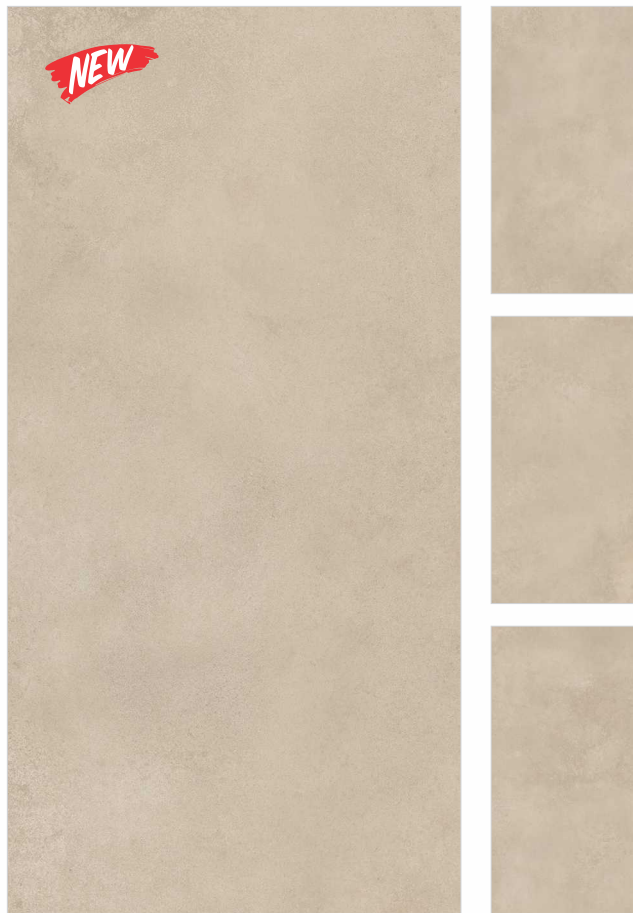


Finish 4D
Random 4 Faces



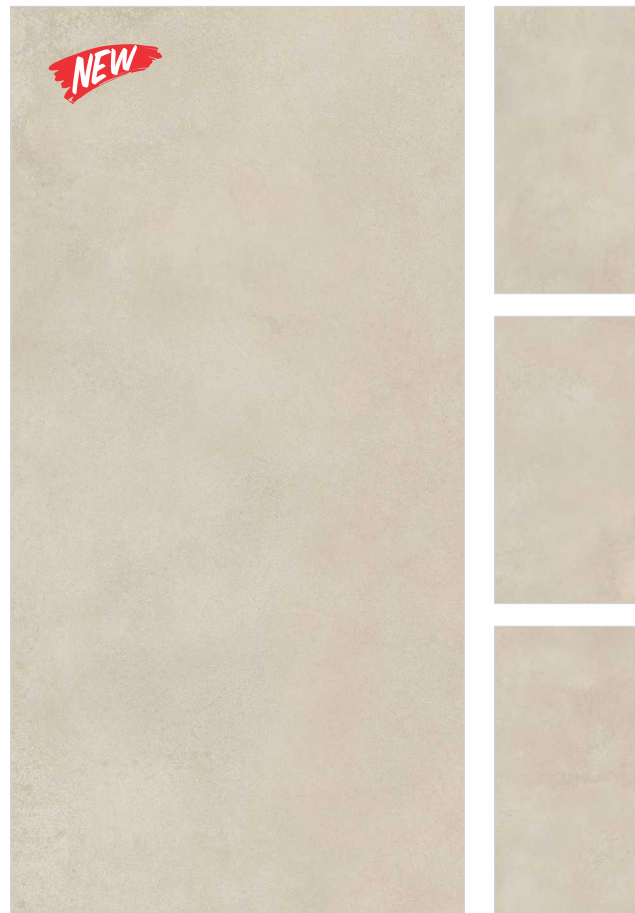


DELIGHT BEIGE



Finish 4D
Random 6 Faces

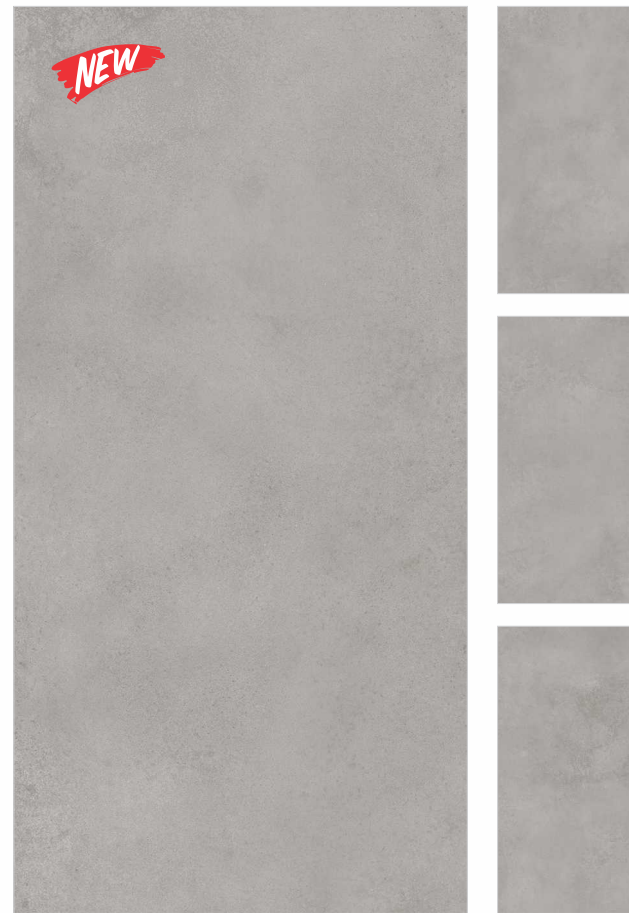
DELIGHT IVORY



Finish 4D
Random 6 Faces

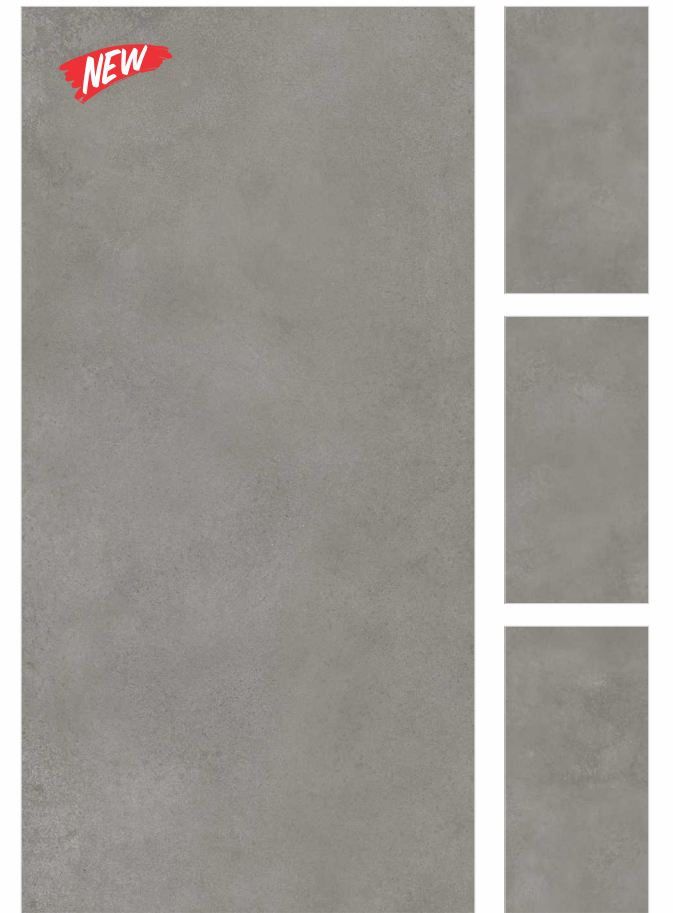


DELIGHT GREY



Finish 4D
Random 6 Faces

DELIGHT BLACK



Finish 4D
Random 6 Faces



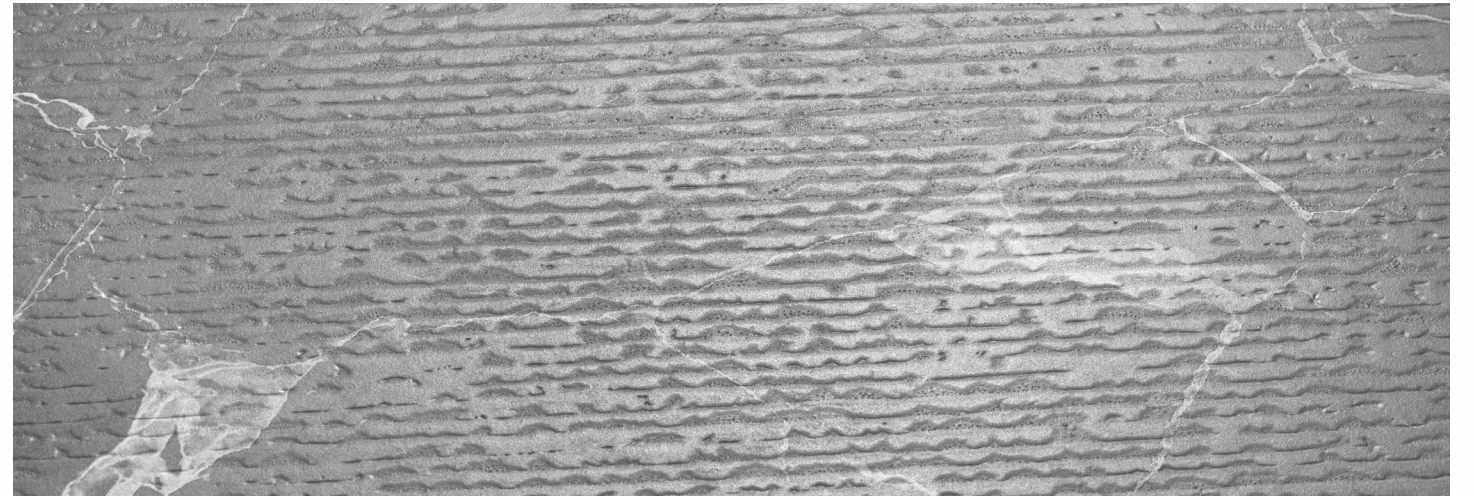
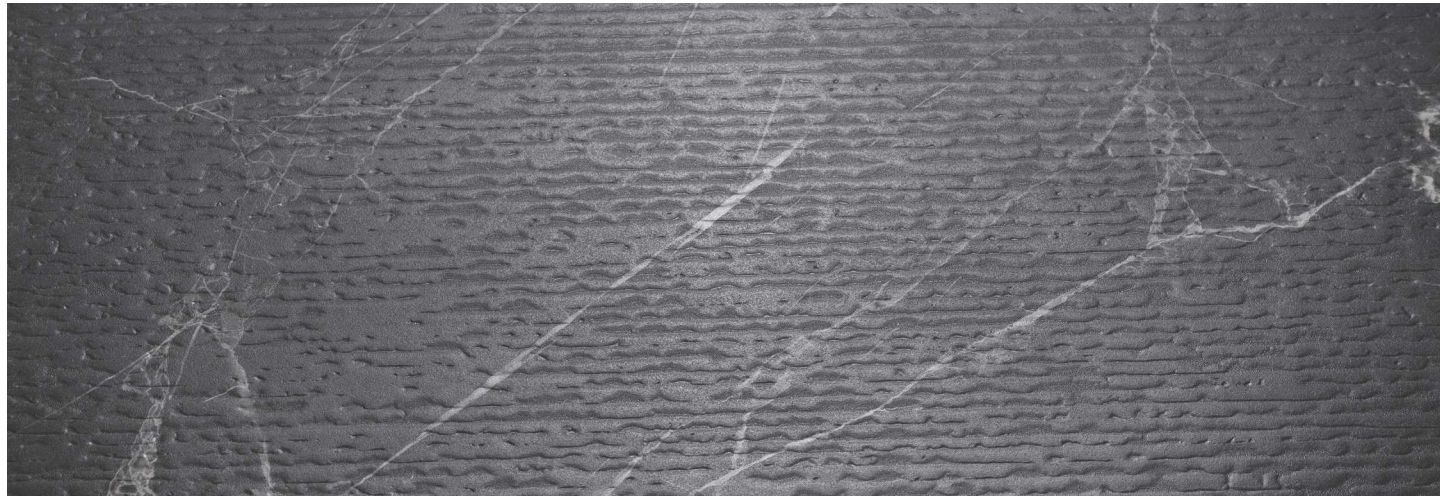
Wall: PORTA GRAFFITE CORD

Meet the rugged allure of black marble, graced by stark white veins and natural punches echoing rocky terrains - a testament to the raw beauty and refined elegance, seamlessly blending.



Wall: PORTA GRAFFITE CORD | Floor: PORTA GRAFFITE

4D TECH COLLECTION
60x120cm

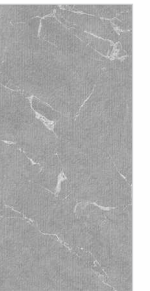
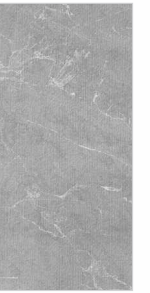
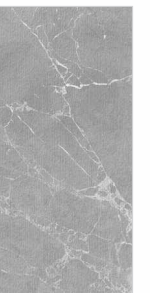
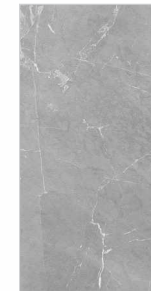
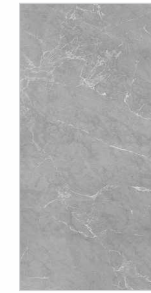
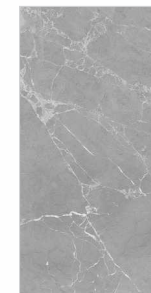


PORTA GRAFFITE

PORTA GRAFFITE CORD

PORTA GRIGIO

PORTA GRIGIO CORD



Finish 4D
Random 4 Faces



Finish 4D
Random 4 Faces

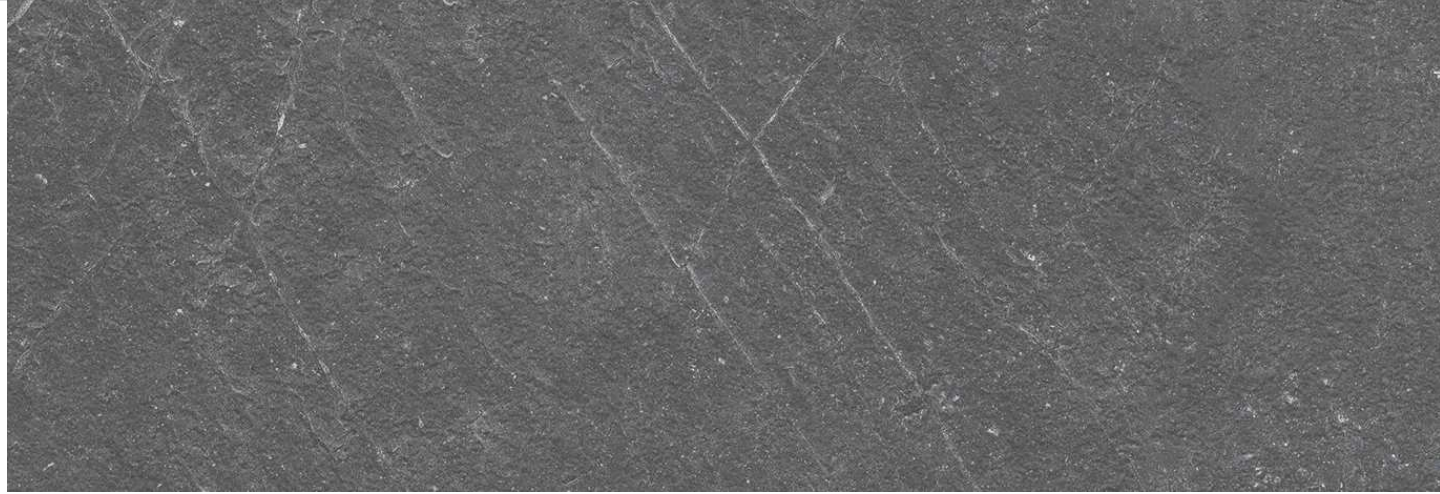


Finish 4D
Random 4 Faces



Finish 4D
Random 4 Faces





CROCINA BLACK

CROCINA GREY

CROCINA WHITE

CROCINA CREAM



Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces



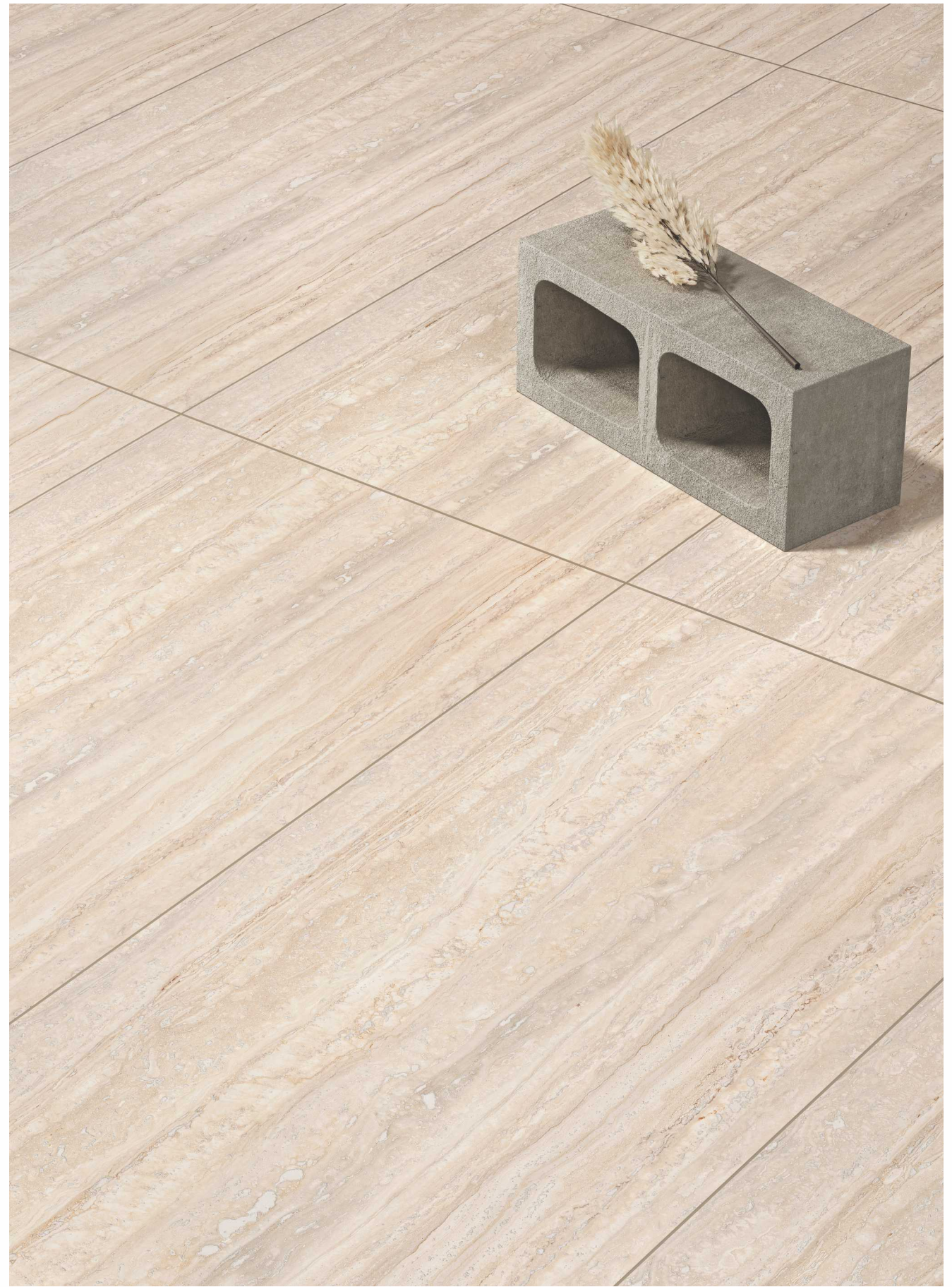
Wall: CREASE WHITE | Floor: CREASE WHITE

Wall: TRAVERTINE STONE STREAKS | Floor: TRAVERTINE STONE





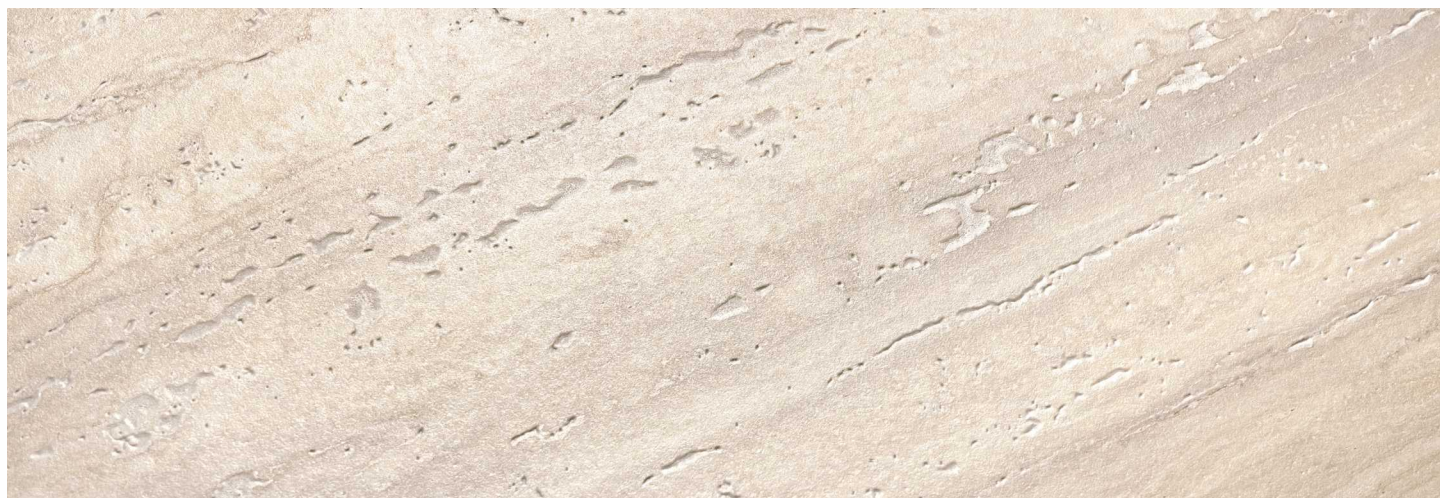
Immerse yourself in the timeless elegance with meticulously crafted tiles with subtle variations and intricate shading reminiscent of ancient rock formations, bringing a touch of serene sophistication.



Wall: TRAVERTINE STONE WAVES | Floor: TRAVERTINE STONE

Floor: TRAVERTINE STONE

4D TECH COLLECTION
60x120cm



CREASE WHITE

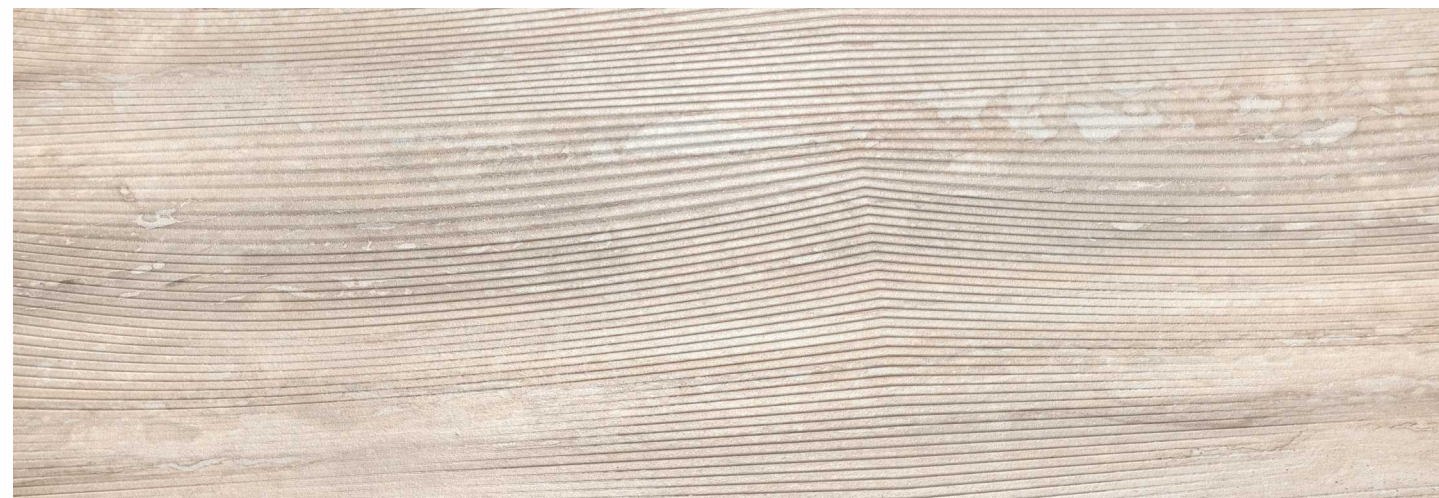
TRAVERTINE STONE



Finish 4D
Random 6 Faces



Finish 4D
Random 4 Faces



TRAVERTINE STONE STREAKS

TRAVERTINE STONE WAVES

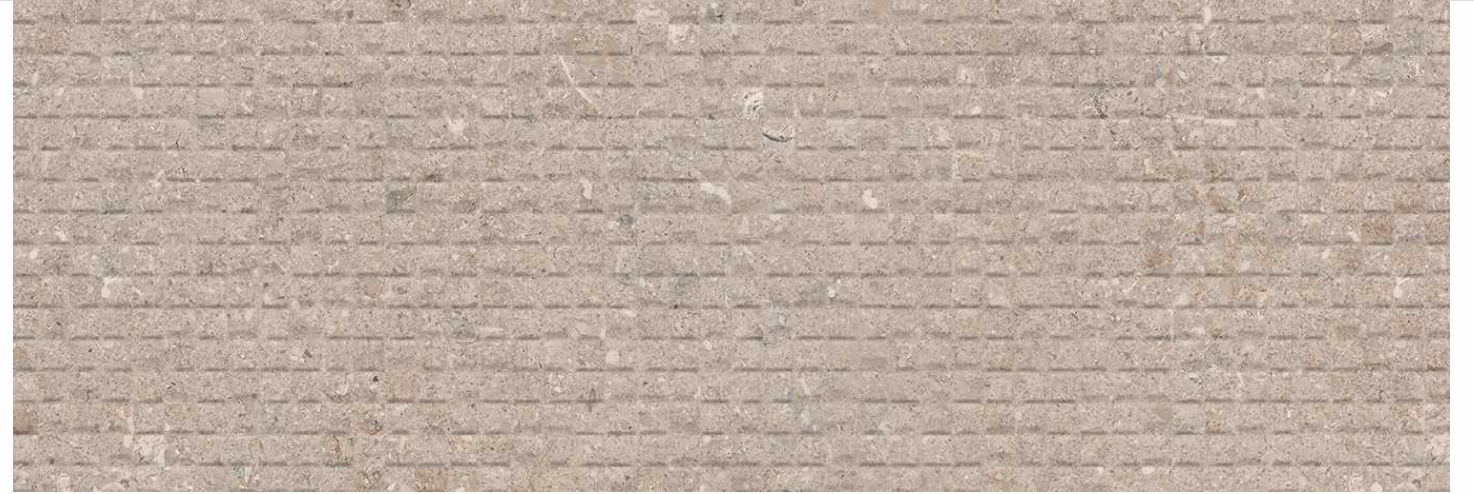
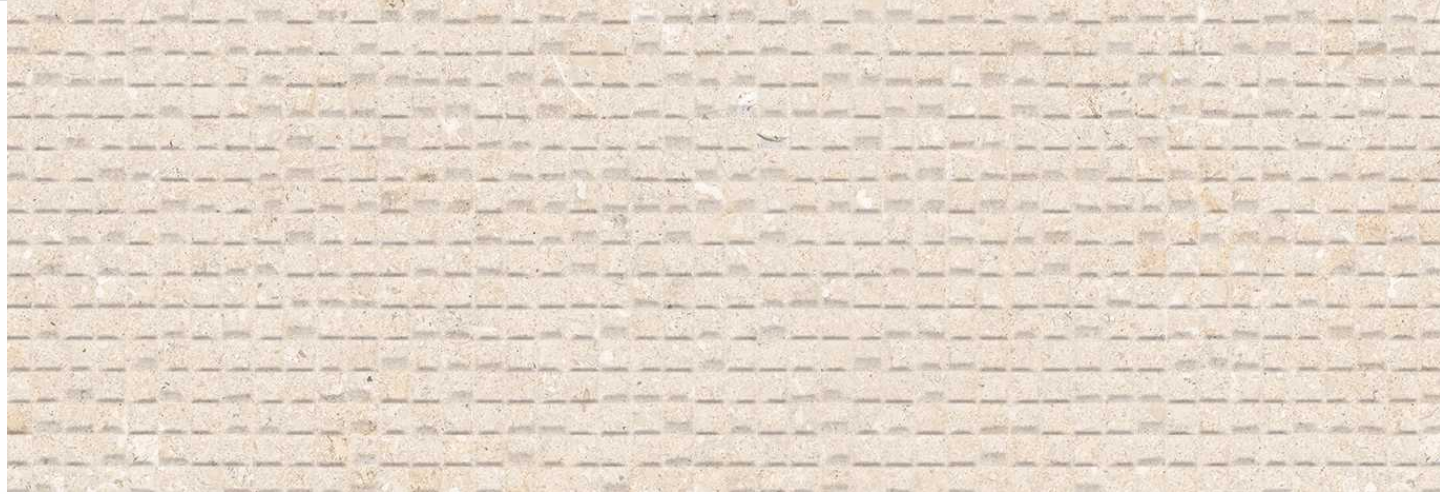


Finish 4D
Random 4 Faces



Finish 4D
Random 4 Faces





MOSEL IVORY DECORE

MOSEL IVORY

MOSEL SAND DECORE

MOSEL SAND



Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces



Wall: IRIS STONE RIVER STREAKS | Floor: IRIS STONE RIVER

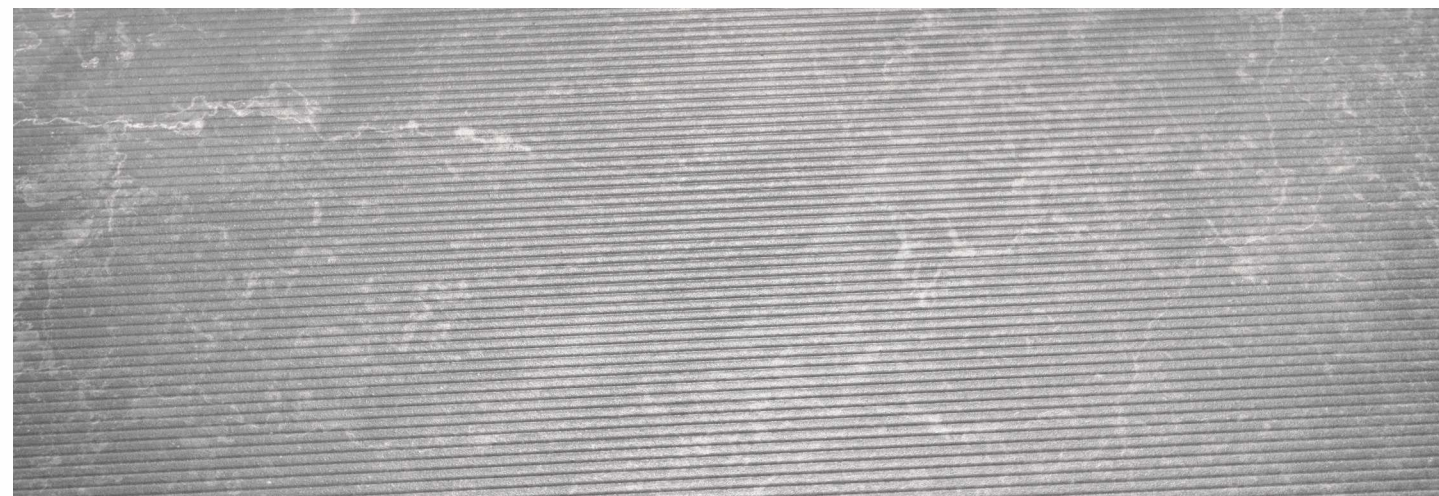
Witness refined elegance with tile adorned with natural vein punches and sophisticated vertical lines - each telling the story of nature's grace, seamlessly merging organic patterns with contemporary design.



Wall: IRIS STONE RIVER STREAKS

STONE COLLECTION 24

4D TECH COLLECTION
60x120cm



IRIS STONE RIVER

IRIS STONE RIVER STREAKS

IRIS STONE GRIGIO

IRIS STONE GRIGIO STREAKS



Finish 4D
Random 6 Faces



Finish 4D
Random 6 Faces



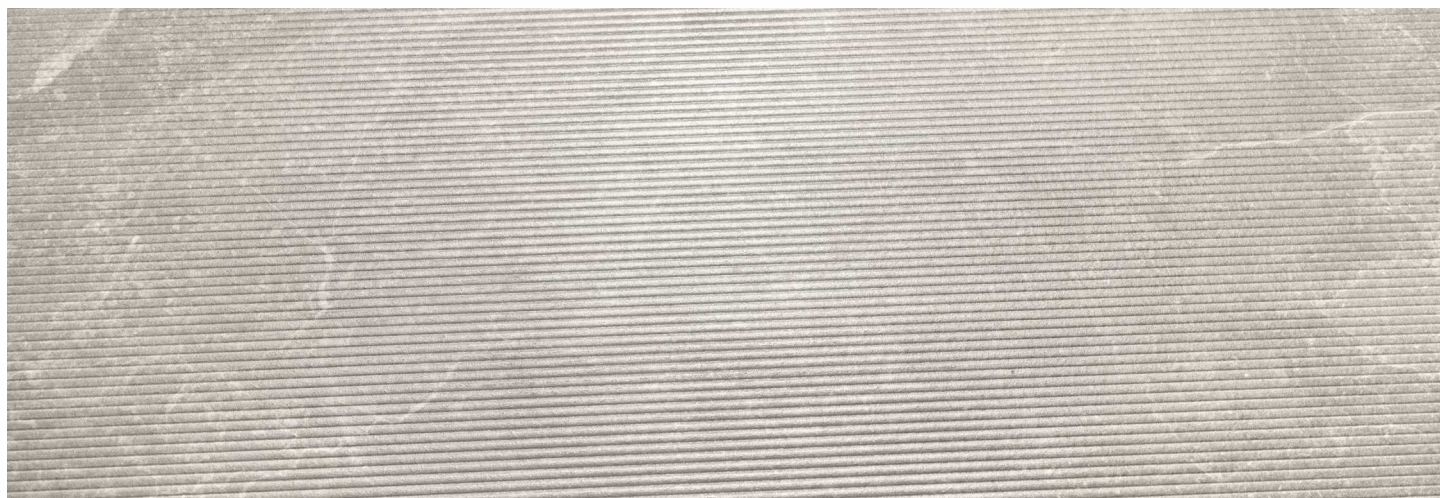
Finish 4D
Random 6 Faces



Finish 4D
Random 6 Faces



4D TECH COLLECTION
60x120cm



IRIS STONE TAN

IRIS STONE TAN STREAKS

WAVY STONE PEARL

WAVY STONE PEARL STROKE



Finish 4D
Random 6 Faces



Finish 4D
Random 6 Faces



Finish 4D
Random 4 Faces



Finish 4D
Random 4 Faces



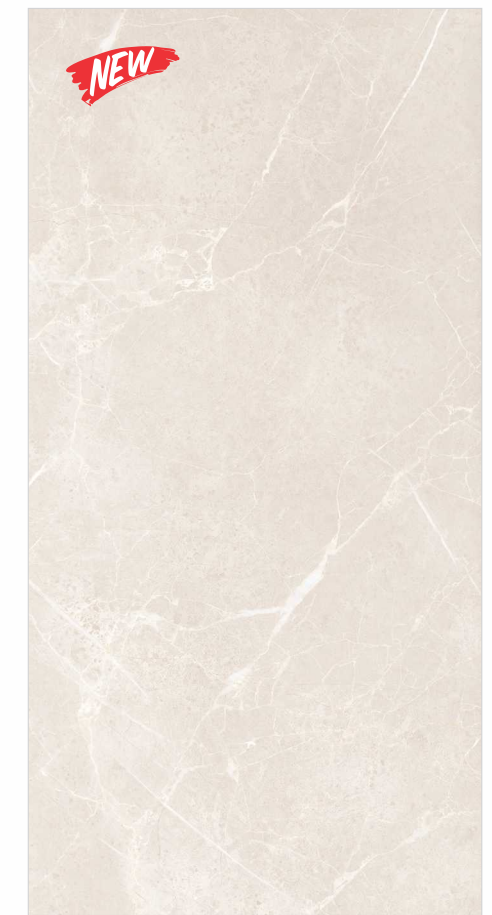
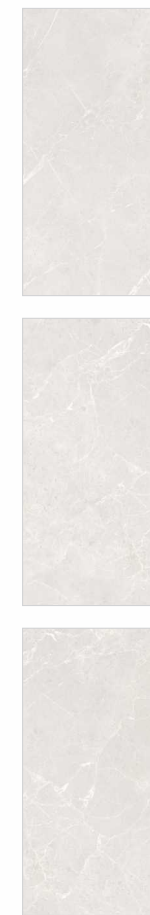
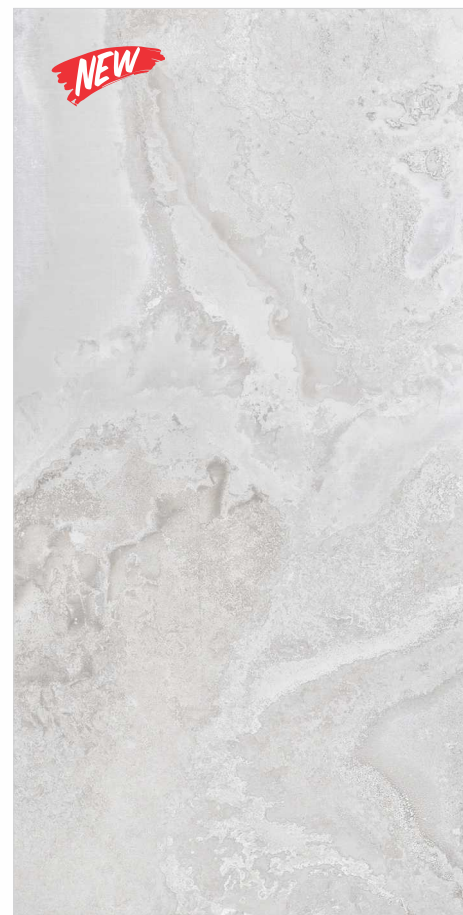


DORITE BEIGE

DORITE SMOKE

ORVILLA BLANCO

ORVILLA IVORY



Finish 4D
Random 4 Faces

Finish 4D
Random 4 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Floor: PASTO STONE PEARL



STONE COLLECTION 24

Dive into a canvas of natural beauty with tiles, showcasing the captivating ombre effect punctuated by delicately speckled punches capturing the essence of nature's gradient and organic charm.

Wall: PASTO STONE PEARL | Floor: PASTO STONE PEARL





Wall: ATENA GRIGIO | Floor: ATENA GRIGIO



Wall: MEMON BROWN | Floor: MEMON BROWN

4D TECH COLLECTION
60x120cm

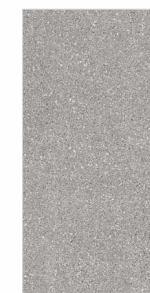
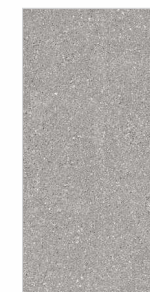


PASTO STONE PEARL

PASTO STONE QUOTA

ATENA GRIGIO

MEMON BROWN



Finish 4D
Random 6 Faces



Finish 4D
Random 6 Faces



Finish 4D
Random 4 Faces



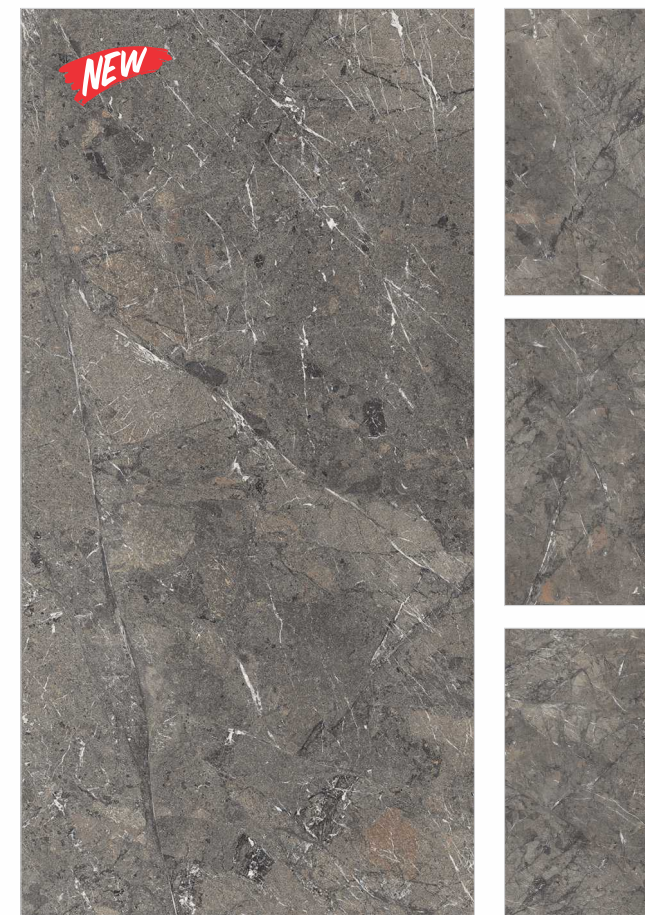
Finish 4D
Random 4 Faces





NEXIA BLACK

NEXIA BROWN



Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces



STREAM BEIGE

STREAM BLANCO



Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Wall: RAW CEMENTO PEARL



Infuse your spaces with designs on a modern edge anchored in timeless elegance. The tiles' stone-inspired design gracefully marries nature's rugged charm with contemporary design sensibilities.



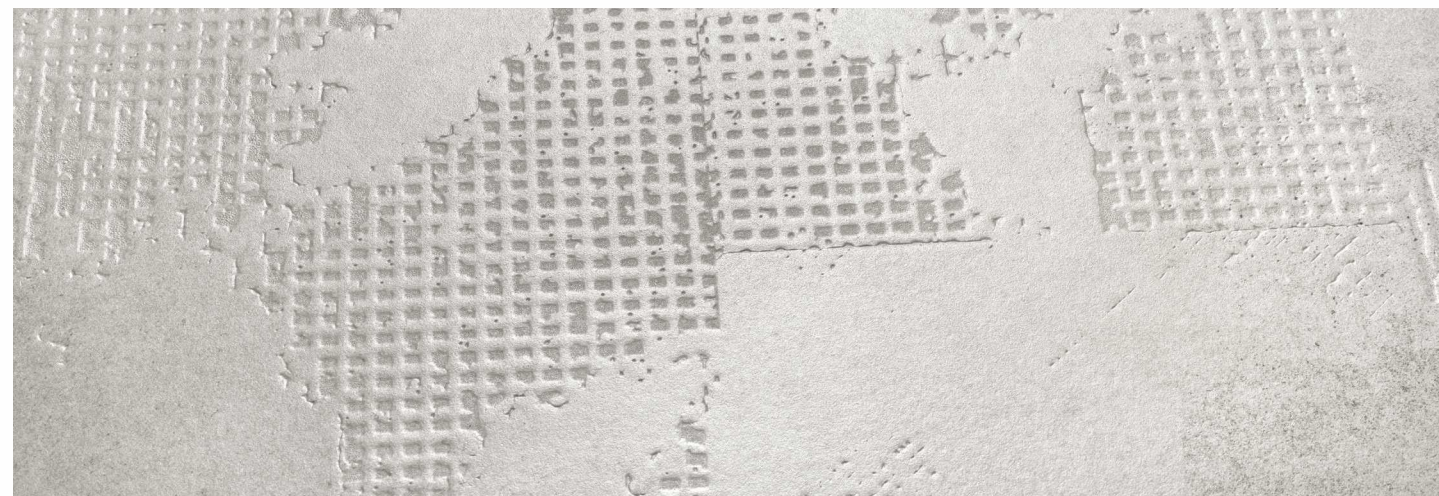
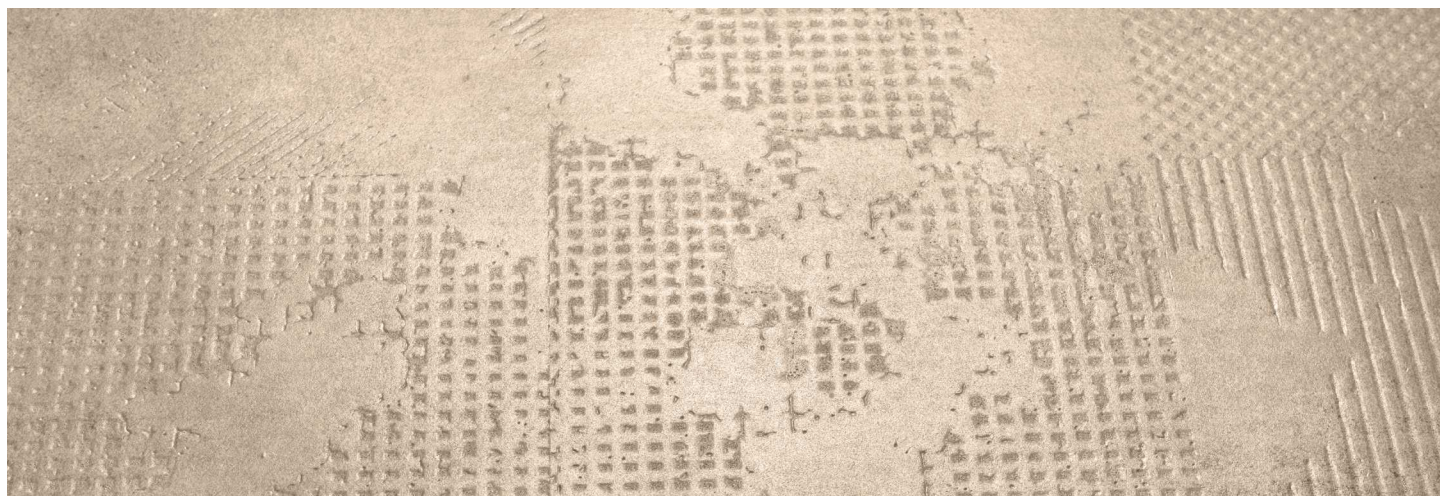
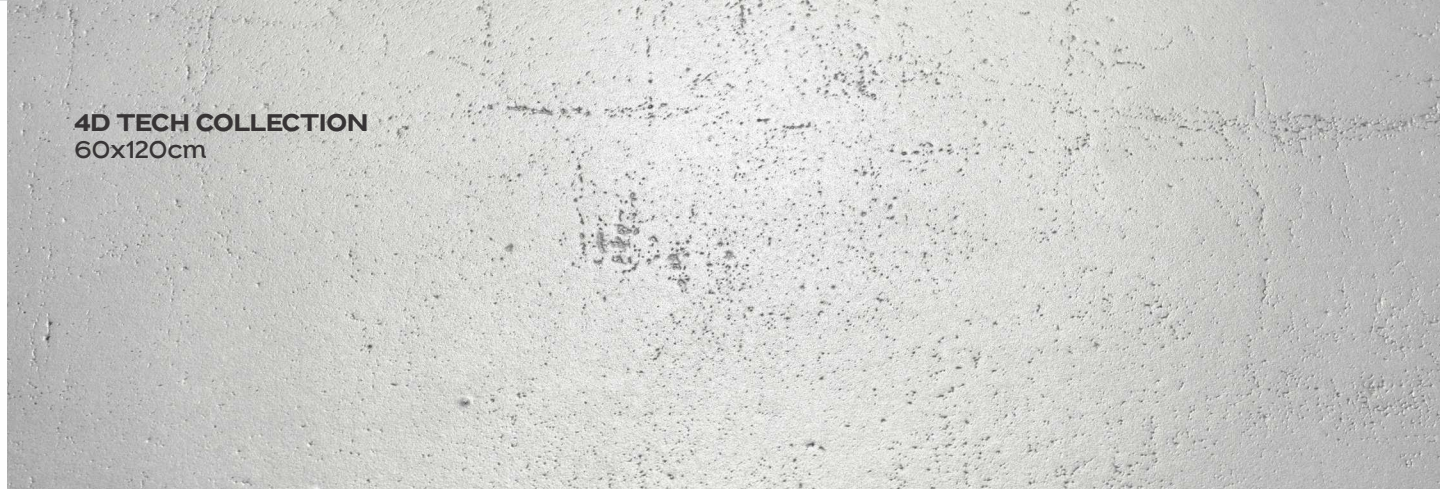
Wall: RAW CEMENTO PEARL

Wall: SAND STONE PEARL

STONE COLLECTION 24



4D TECH COLLECTION
60x120cm

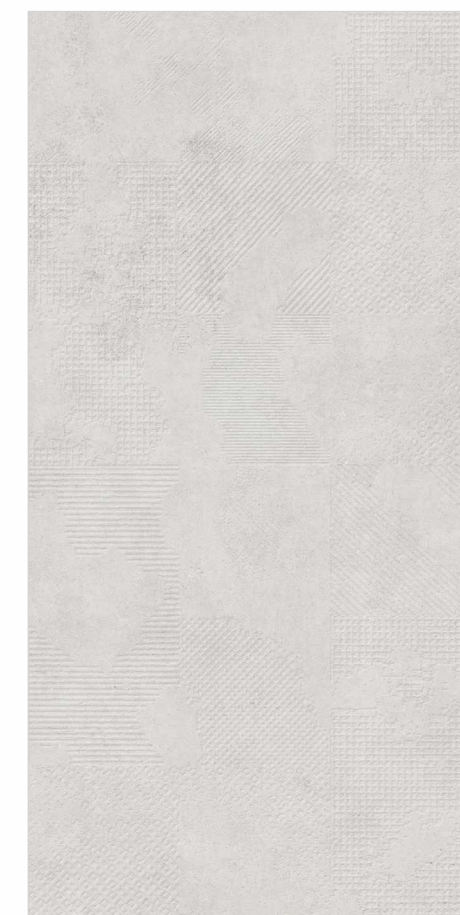
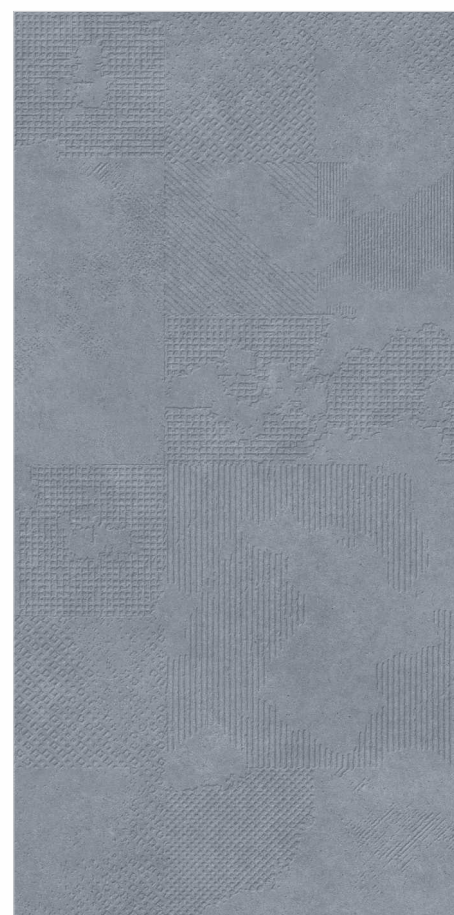
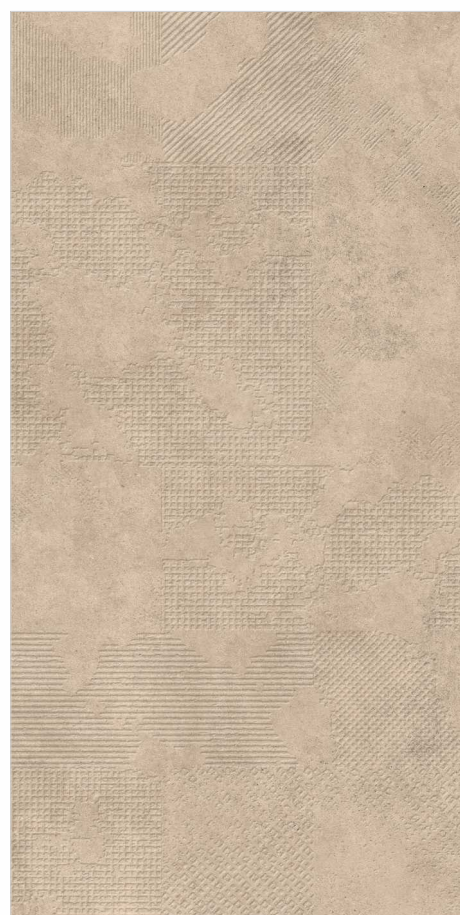


RAW CEMENTO PEARL

SAND STONE CAMEL

SAND STONE DENIM

SAND STONE PEARL



Finish 4D
Random 4 Faces



Finish 4D
Random 4 Faces



Finish 4D
Random 4 Faces



Finish 4D
Random 4 Faces





AVOLA GREY

AVOLA WHITE

AVOLA IVORY

AVOLA VARDE



Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

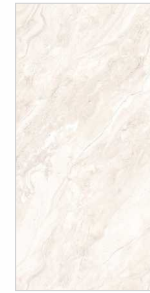
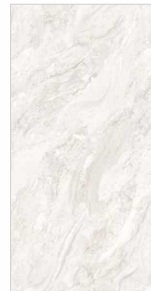
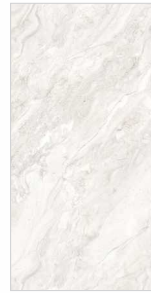
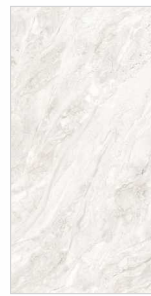
Finish 4D
Random 6 Faces



OLSECO BLANCO

OLSECO BONE

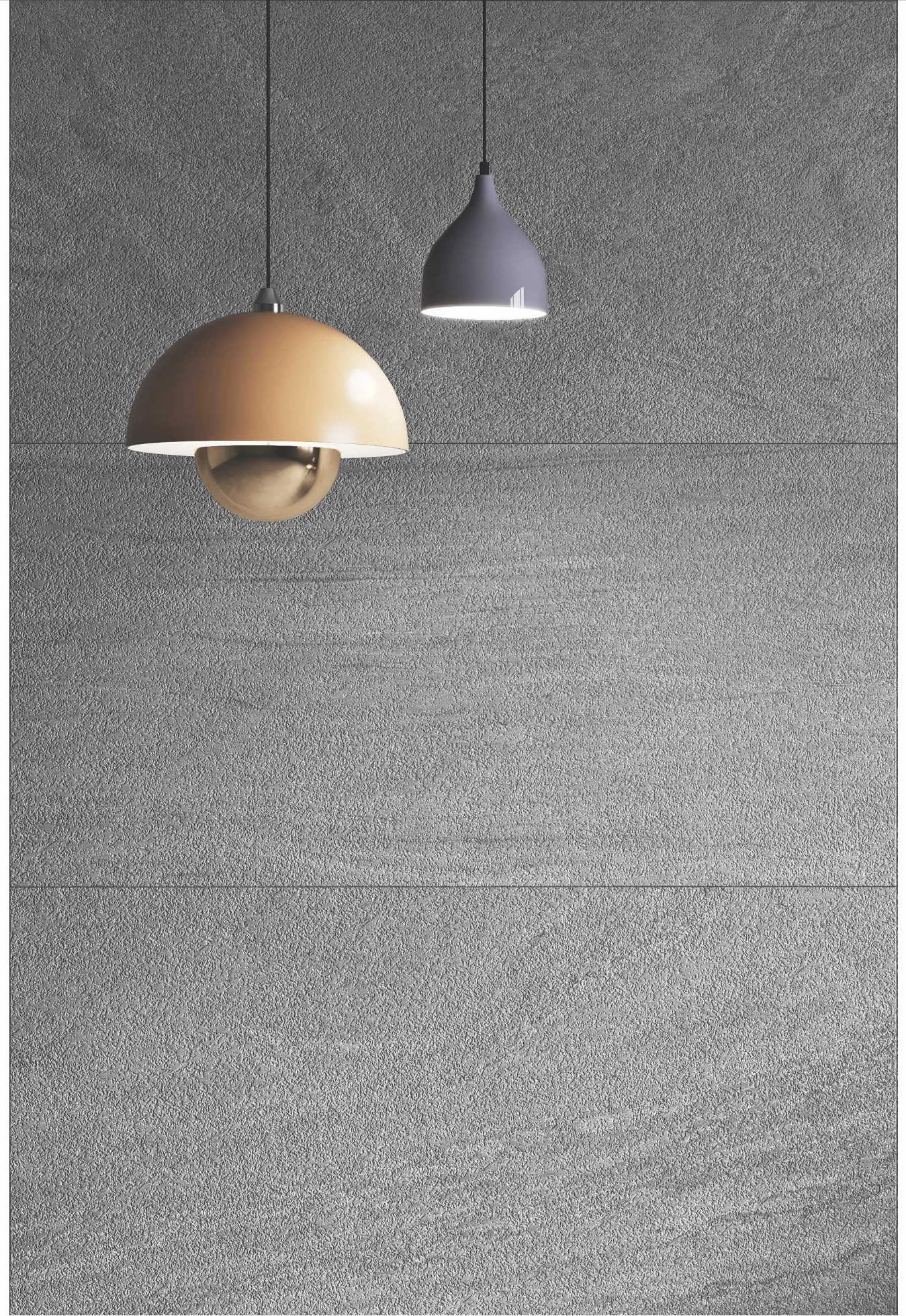
OLSECO IVORY



Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces



Wall: LIVING STONE GRIGIO | Floor: LIVING STONE GRIGIO

Wall: LIVING STONE GRIGIO

Allow your spaces to echo the majestic resilience of slate-grey stones carved like mountainous terrains, resonating with enduring beauty while capturing the raw impressions and rugged charm.

Wall: MELAMINE SLATE



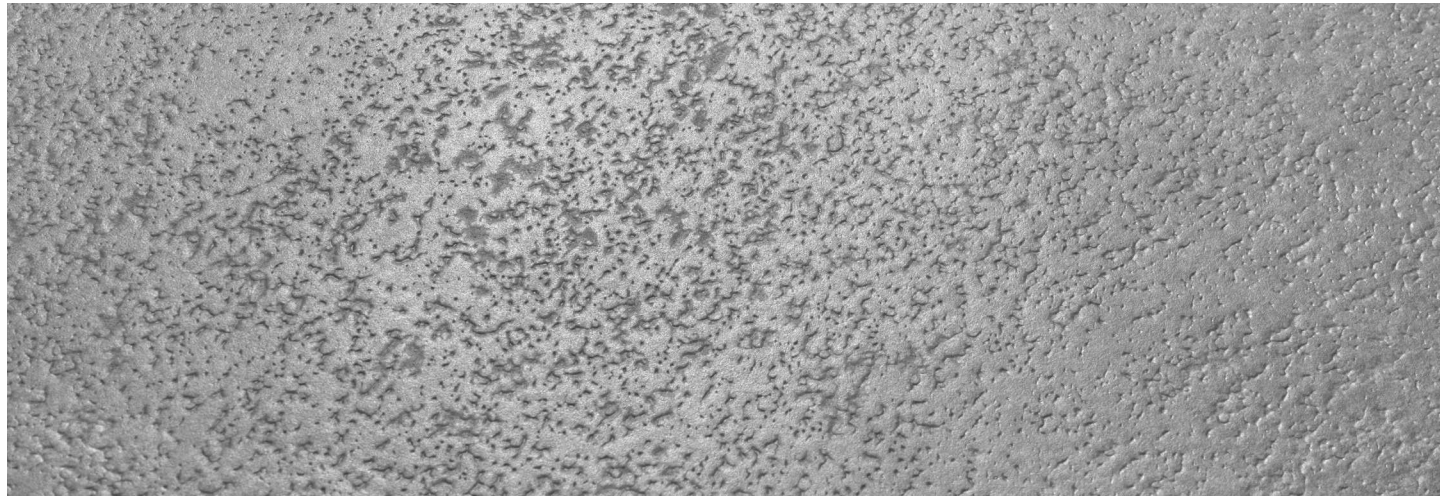
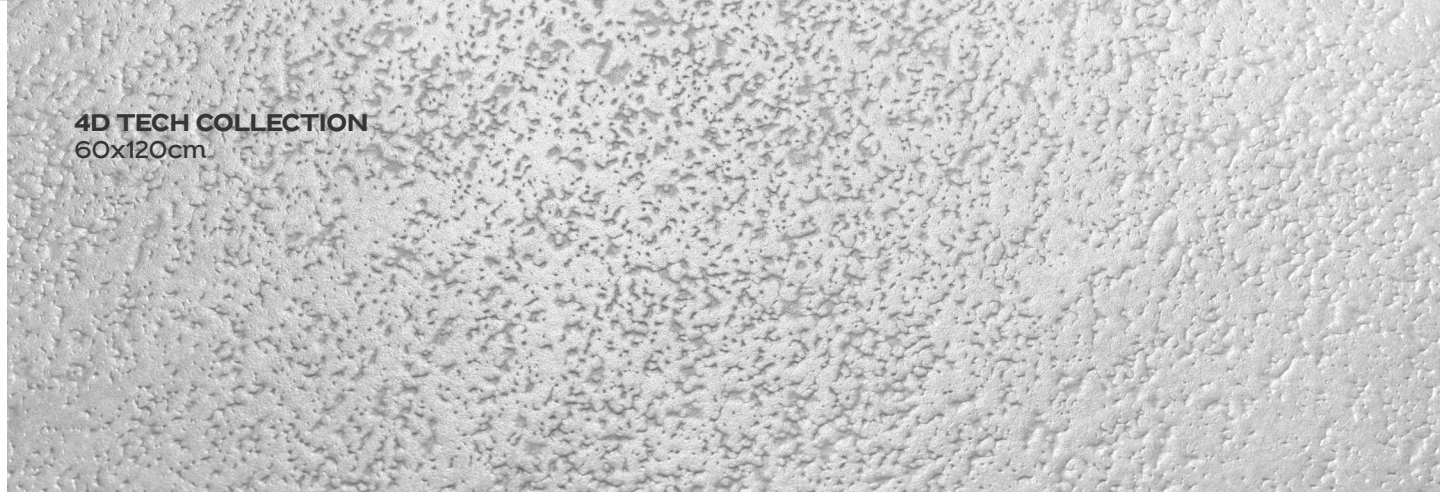
STONE COLLECTION 24

Embrace the untamed allure of raw and rugged tiles. Experience nature's elegant imperfections meet contemporary finesse for a harmonious blend of natural ruggedness and modern sophistication.



Wall: MELAMINE SLATE

4D TECH COLLECTION
60x120cm



LIVING STONE PEARL

LIVING STONE GRIGIO

LIVING STONE QUOTA

MELAMINE SLATE



Finish 4D
Random 4 Faces



Finish 4D
Random 4 Faces



Finish 4D
Random 4 Faces



Finish 4D
Random 4 Faces



STONE COLLECTION 24

Wall: LYMESTONE WOOD | Floor: LYMESTONE WOOD

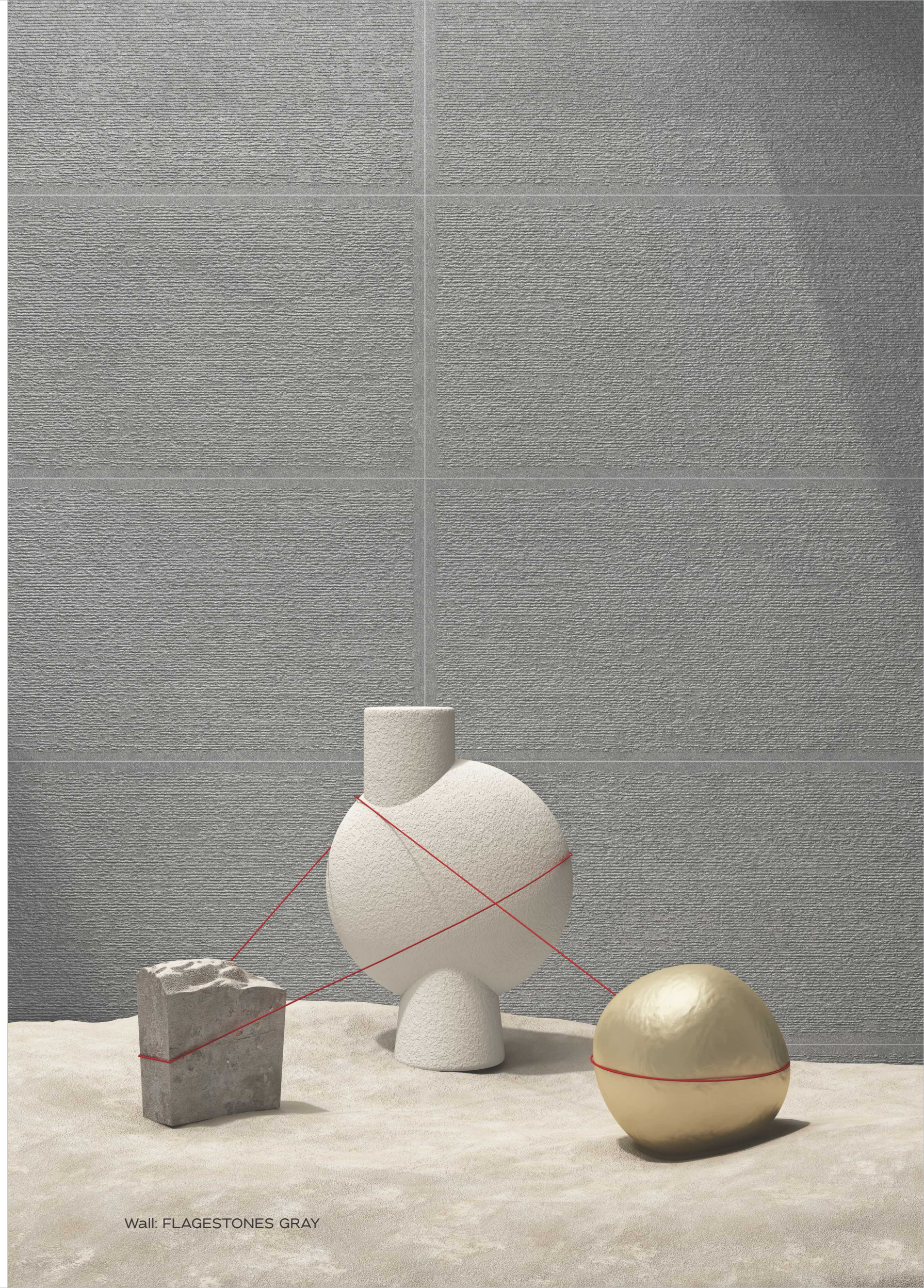


Wall: FLAGESTONES GRAY



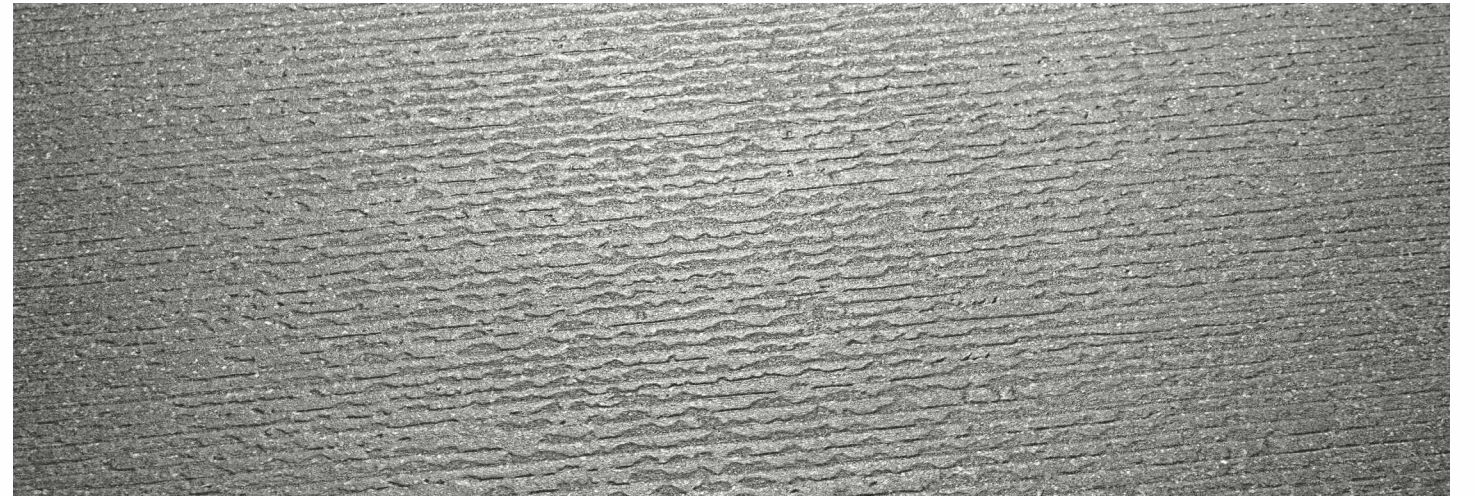
Enjoy a design symphony that craftfully blends the raw textures of nature with urban craft.o

STONE COLLECTION 24



Wall: FLAGESTONES GRAY

4D TECH COLLECTION
60x120cm

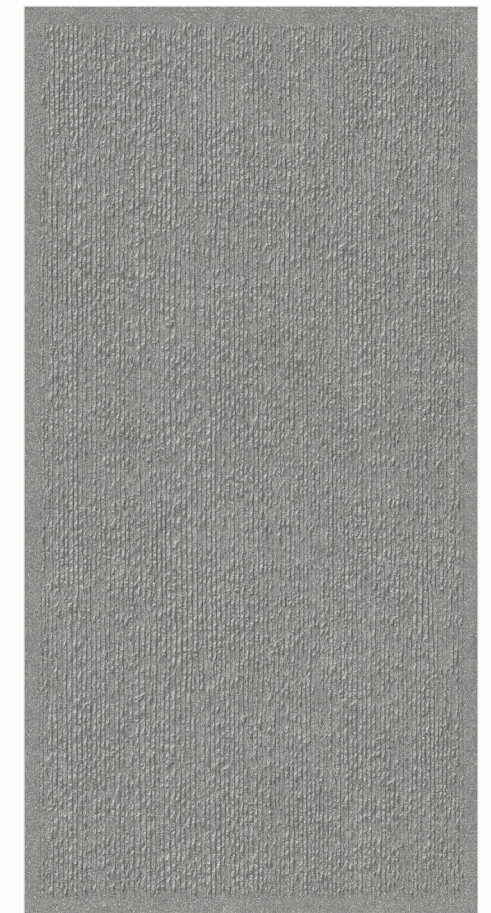


LYMESTONE ICE

LYMESTONE WOOD

FLAGESTONES WHITE

FLAGESTONES GRAY



Finish 4D
Random 8 Faces



Finish 4D
Random 8 Faces



Finish 4D
Random 4 Faces



Finish 4D
Random 4 Faces





MACCHIA NATURAL

MACCHIA IVORY



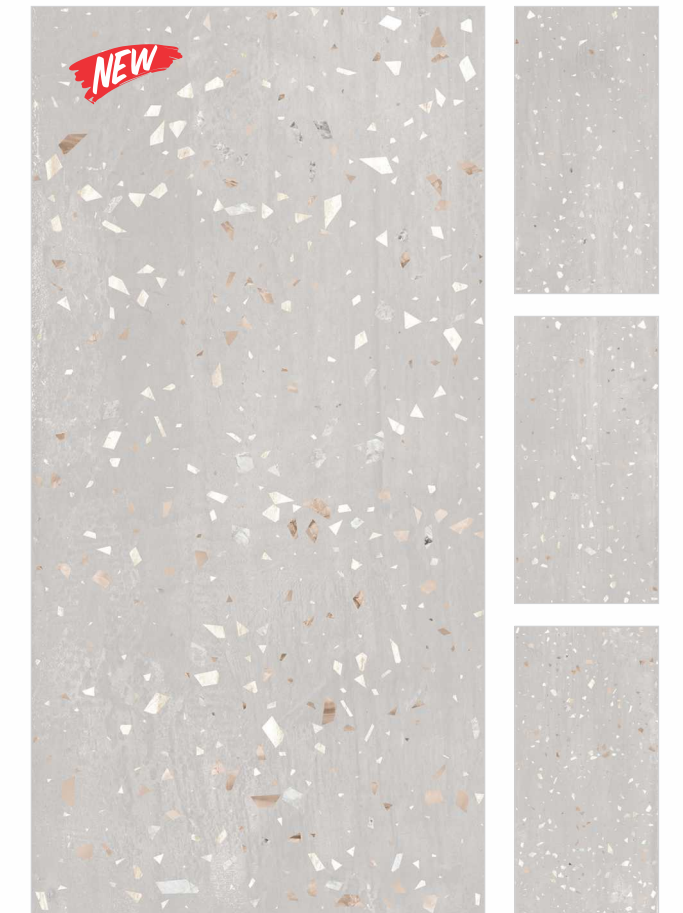
Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces



MIZETTO GREEN

MIZETTO GREY



Finish 4D
Random 4 Faces

Finish 4D
Random 4 Faces



Experience the rhythmic elegance, where the timeless charm of wood intertwines with contemporary flair. Featuring vertical lines artfully arranged in a triangle fashion, capturing the essence of nature's grainy textures that resonate with sophistication.



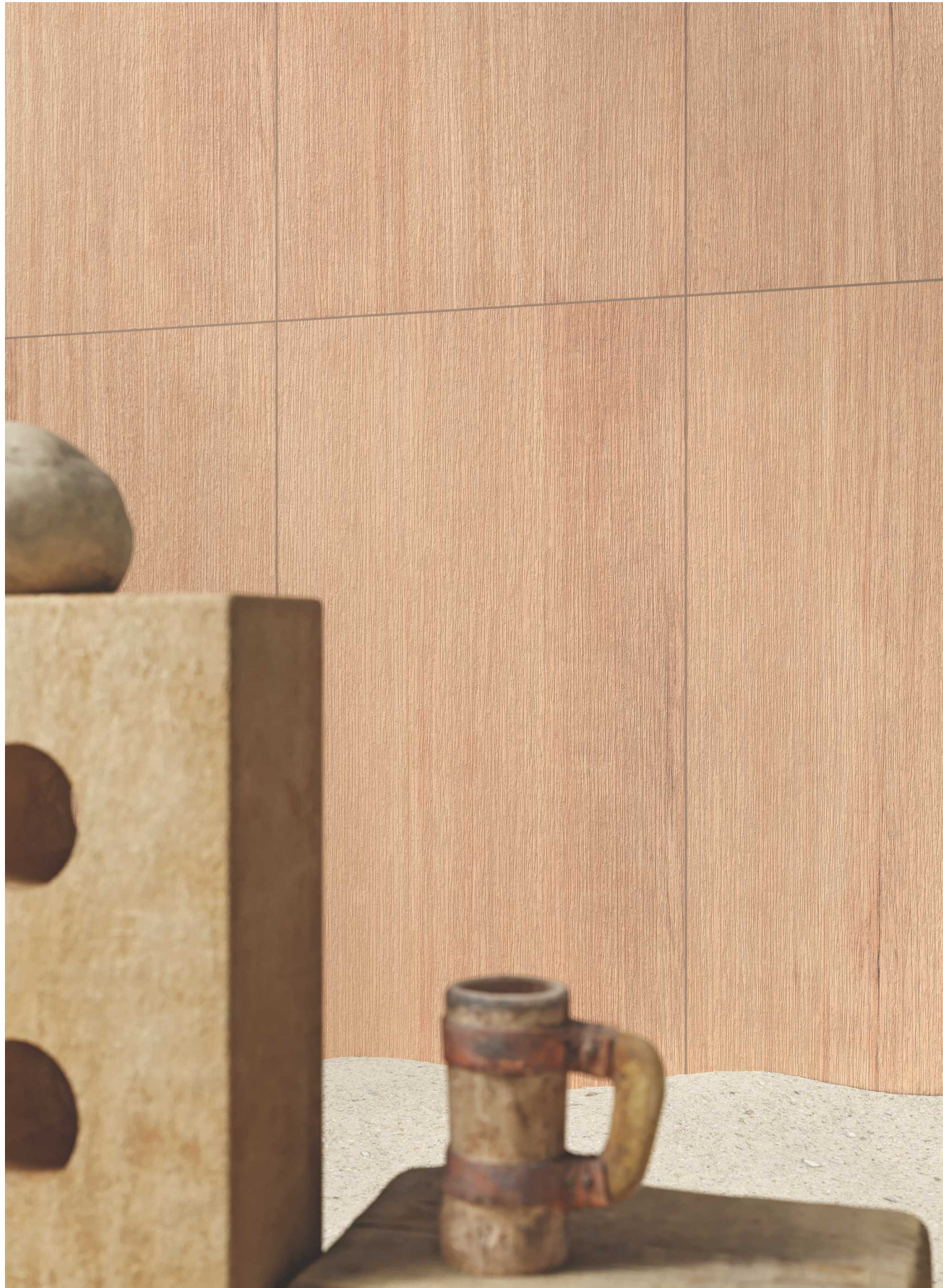
Wall: ART WOOD

Wall: ART WOOD



Immerse yourself in the authentic allure, meticulously crafted to mirror the genuine essence of natural wood with woodgrain impressions and soulful intricacies of timber, intricately woven into every minute detail.

WOOD COLLECTION 24

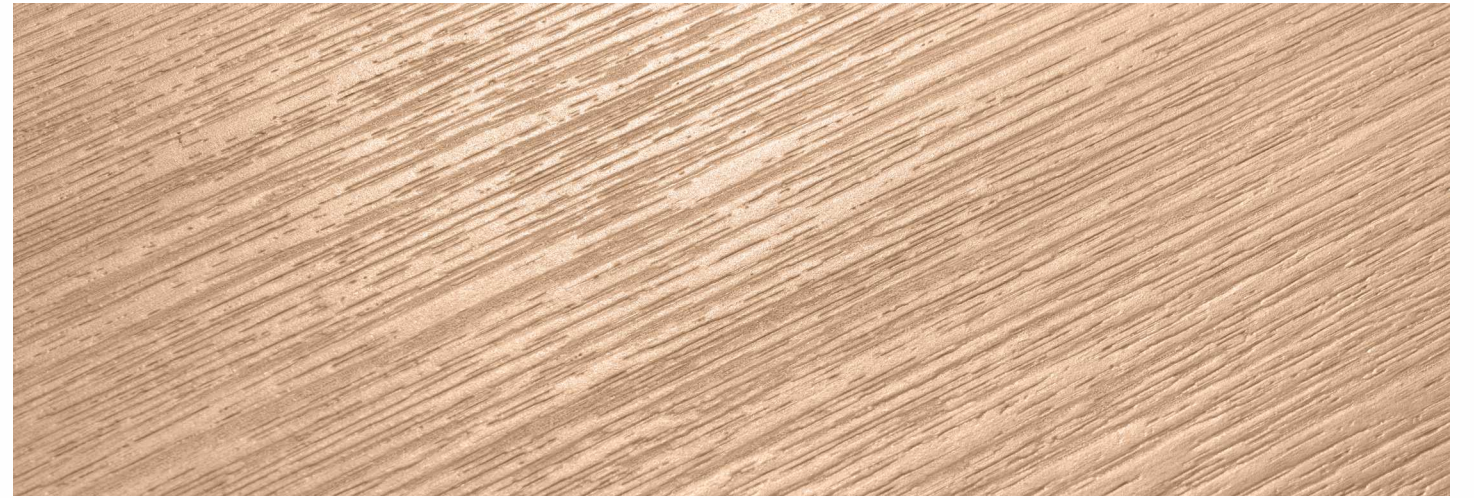
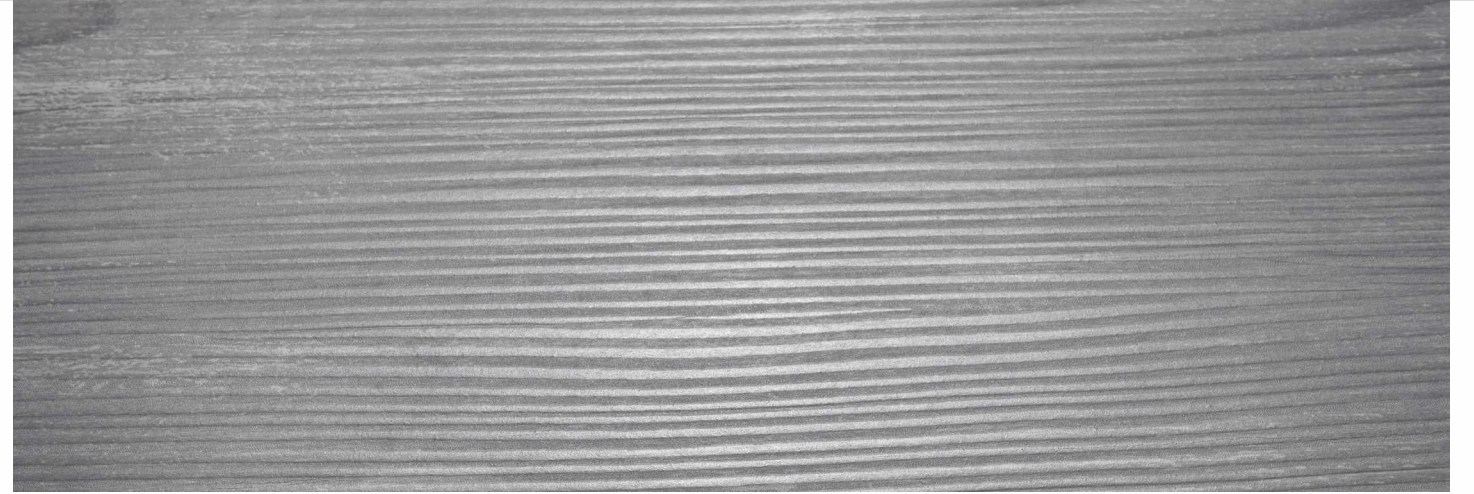
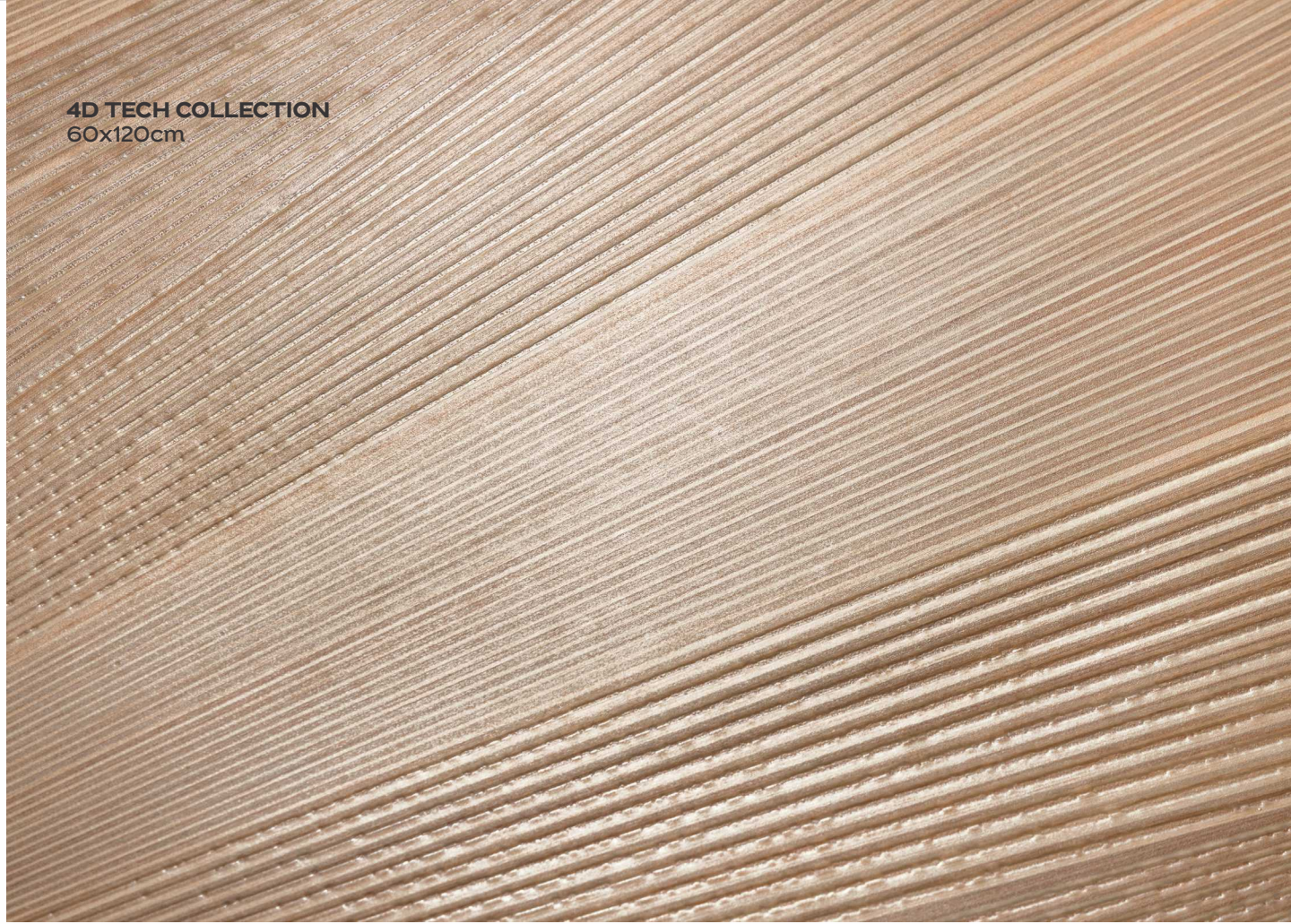


Wall: TASMANIAN SANDAL



Wall: TASMANIAN SANDAL

4D TECH COLLECTION
60x120cm



ART WOOD



Finish 4D
Random 1 Face



SIGURT WOOD GRAY



Finish 4D
Random 4 Faces



TASMANIAN SANDAL



Finish 4D
Random 4 Faces

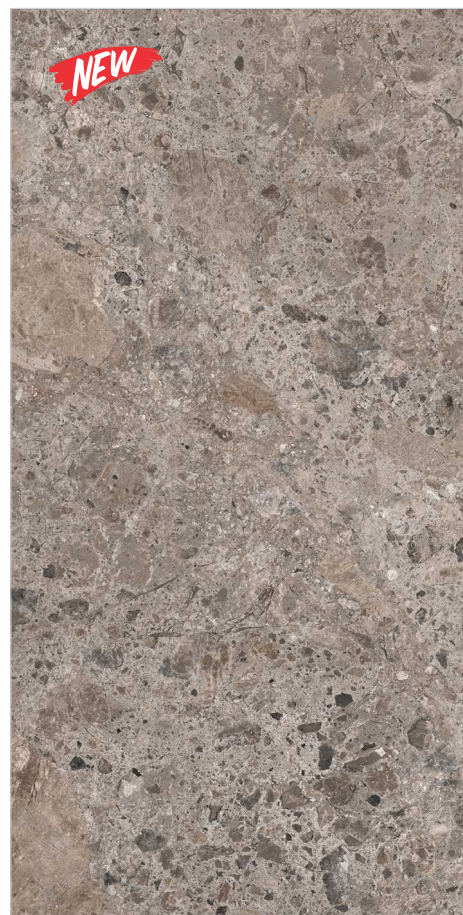




GILBERTA CREAM

GILBERTA MOCHA

GILBERTA SAND



Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces



Wall: ANODYNE GREY | Floor: ANODYNE WHITE



Wall: FERANO BONE | Floor: FERANO BONE



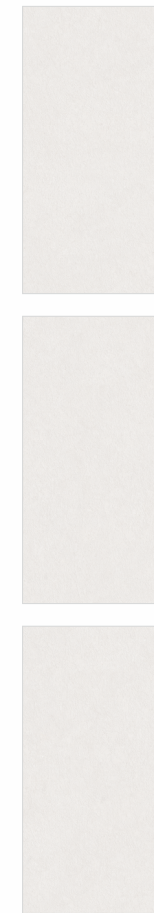
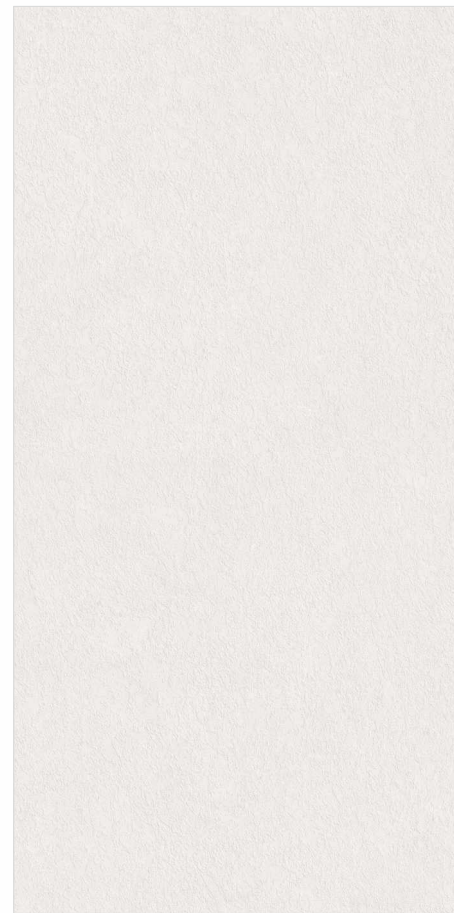
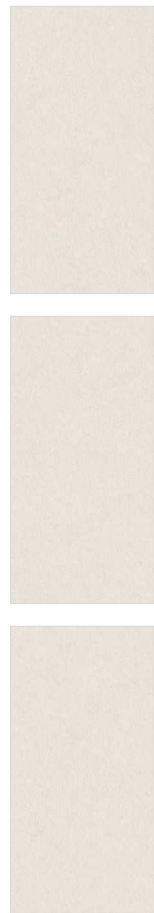
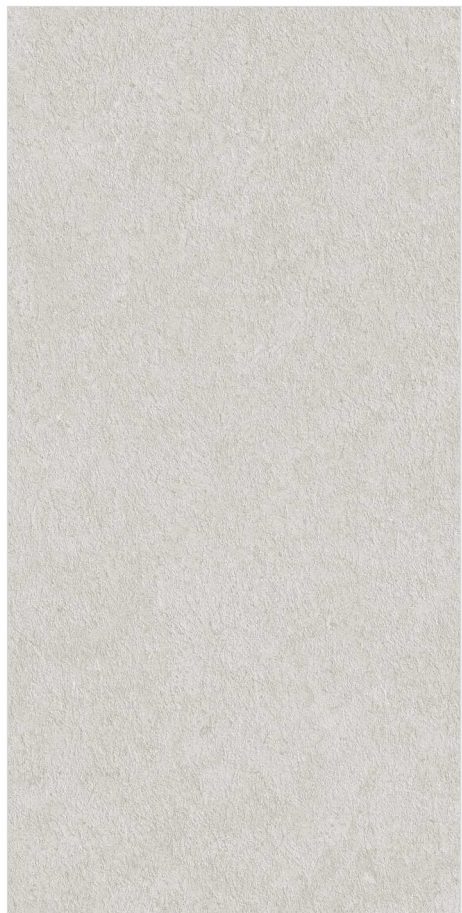


ANODYNE GREY

ANODYNE IVORY

ANODYNE WHITE

FERANO BONE



Finish 4D
Random 6 Faces



Finish 4D
Random 6 Faces

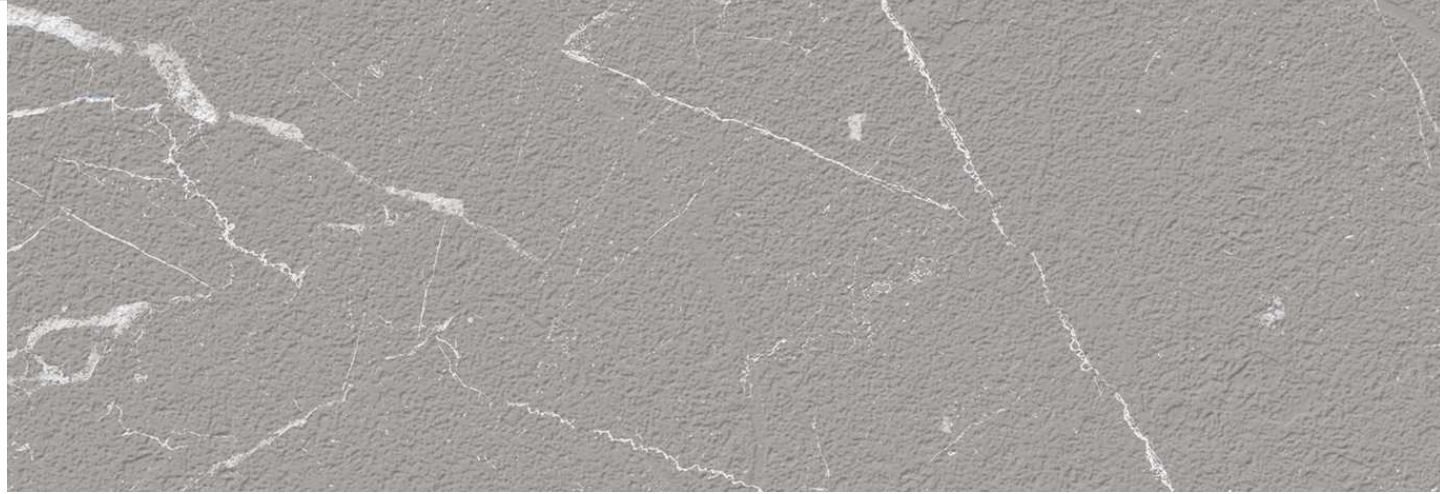


Finish 4D
Random 6 Faces



Finish 4D
Random 6 Faces



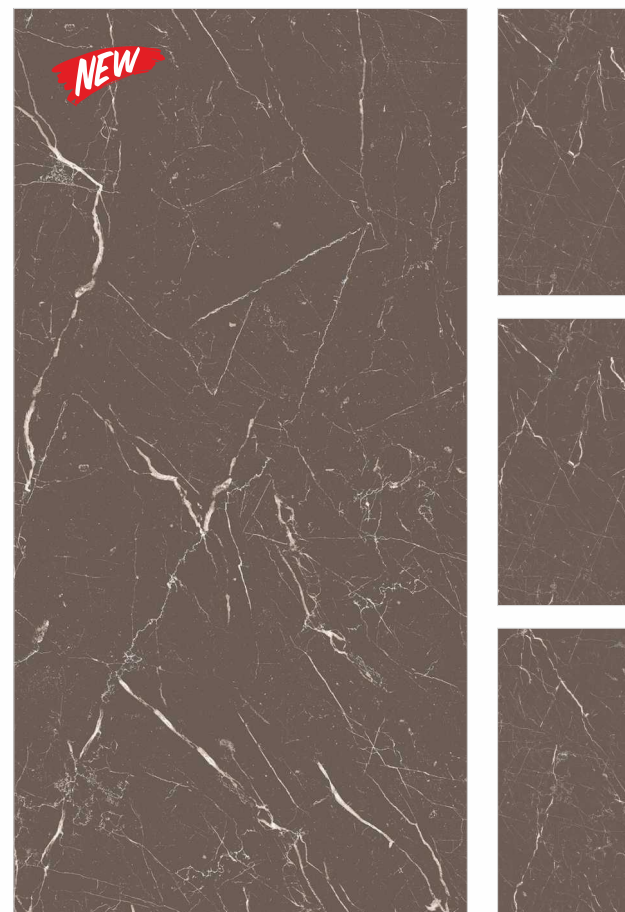
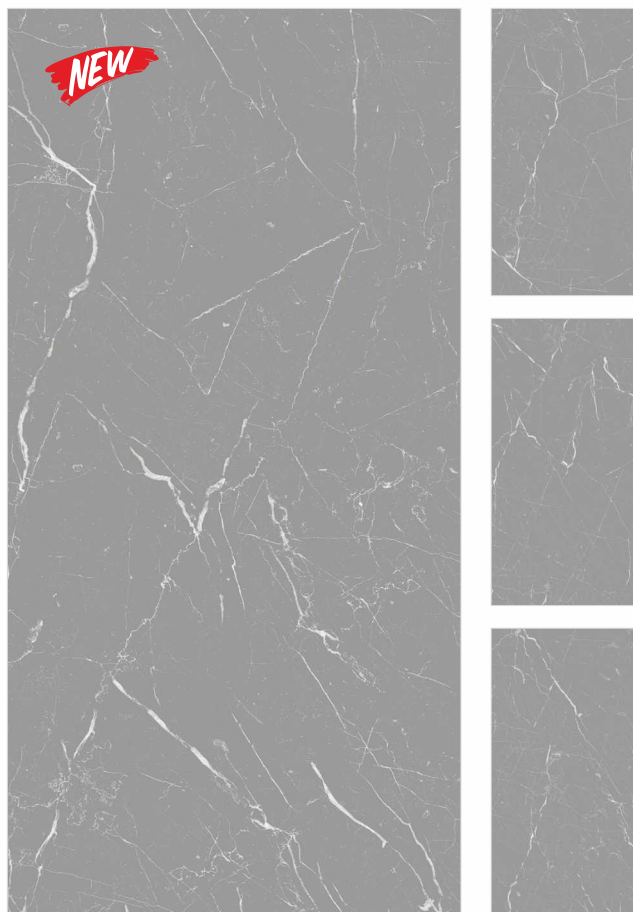


EGEAN GREY

EGEAN NERO

EGEAN BROWN

ELCANTO BEIGE



Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces



Wall ARABESCATO SINTERED





ARABESCATO SINTERED

ARCE BLANCO

CALCATTÀ LITHOS

COMFORT WHITE



Finish 4D
Random 8 Faces



Finish 4D
Random 6 Faces



Finish 4D
Random 6 Faces



Finish 4D
Random 6 Faces



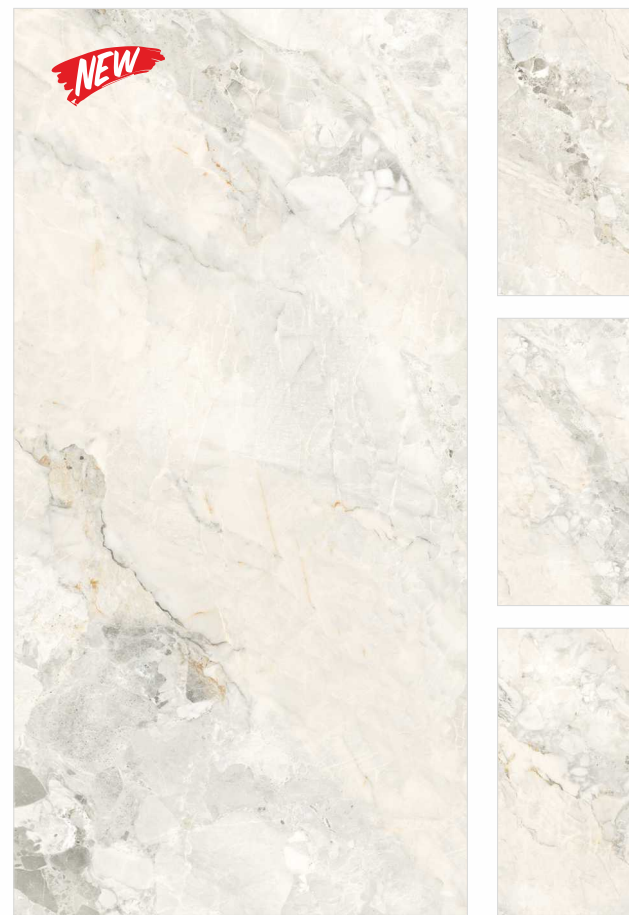
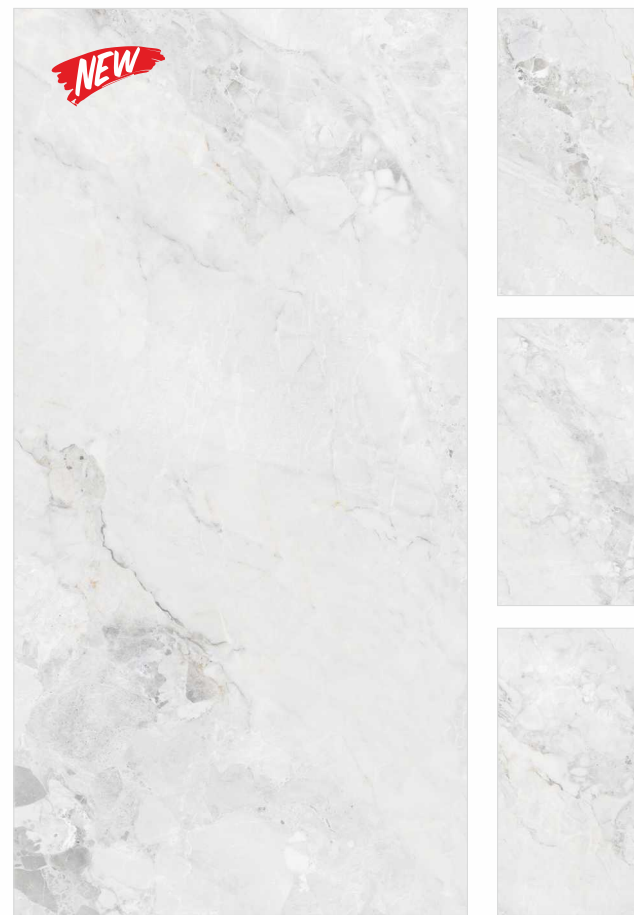


NOBLE GREY

NOBLE WHITE

NOBLE PISTA

STATVARIO CASA

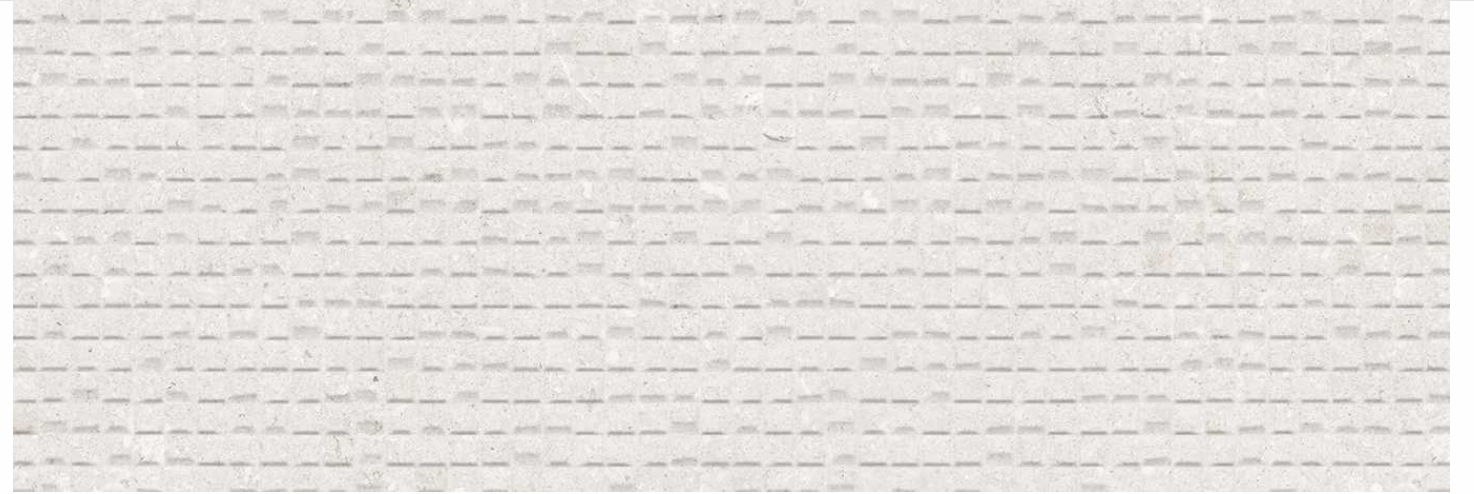


Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces



MOSEL GREY DECORE

MOSEL GREY

MOSEL WHITE DECORE

MOSEL WHITE



Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces

Finish 4D
Random 6 Faces



Wall: CORTEZ PEARL | Floor: CORTEZ GRIGIO



CORTEZ BEIGE

CORTEZ PEARL

CORTEZ GRIGIO



Finish 4D
Random 6 Faces



Finish 4D
Random 6 Faces



Finish 4D
Random 6 Faces



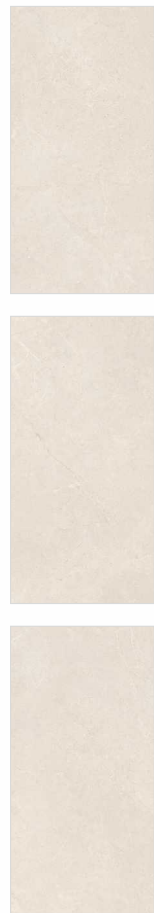
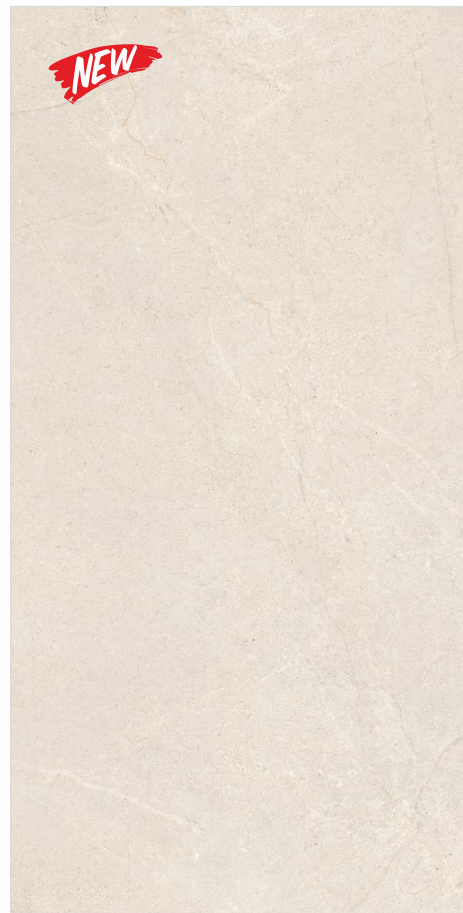


FRUGAL BEIGE



Finish 4D
Random 6 Faces

FRUGAL IVORY



Finish 4D
Random 6 Faces

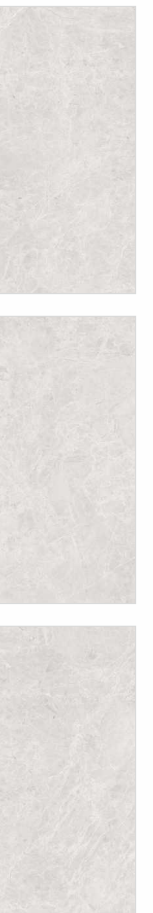


FRUGAL GREY



Finish 4D
Random 6 Faces

FIRTURA BLANCO



Finish 4D
Random 6 Faces



Wall: ESPEN FLORECER AVORIO | Floor: ESPEN LINEA AVORIO

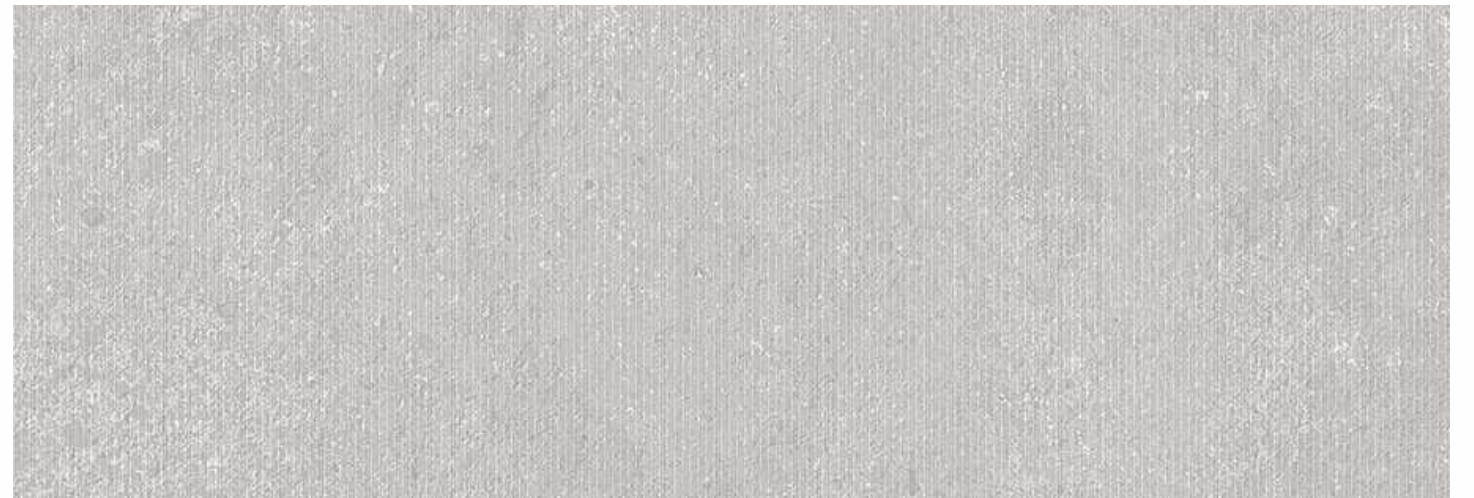


Wall: ESPEN FLORECER GRIGIO | Floor: ESPEN LINEA GRIGIO



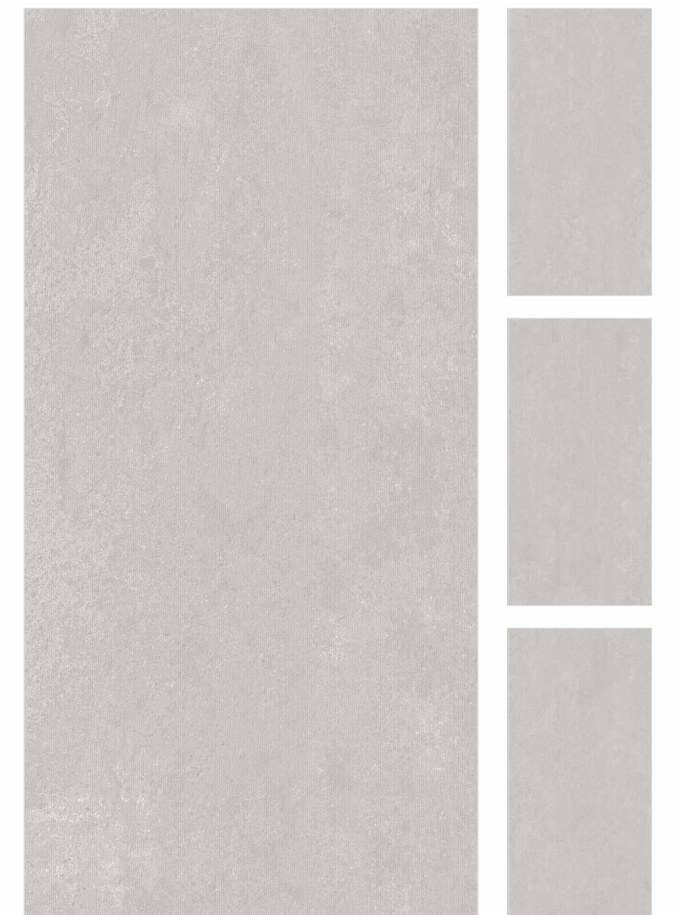
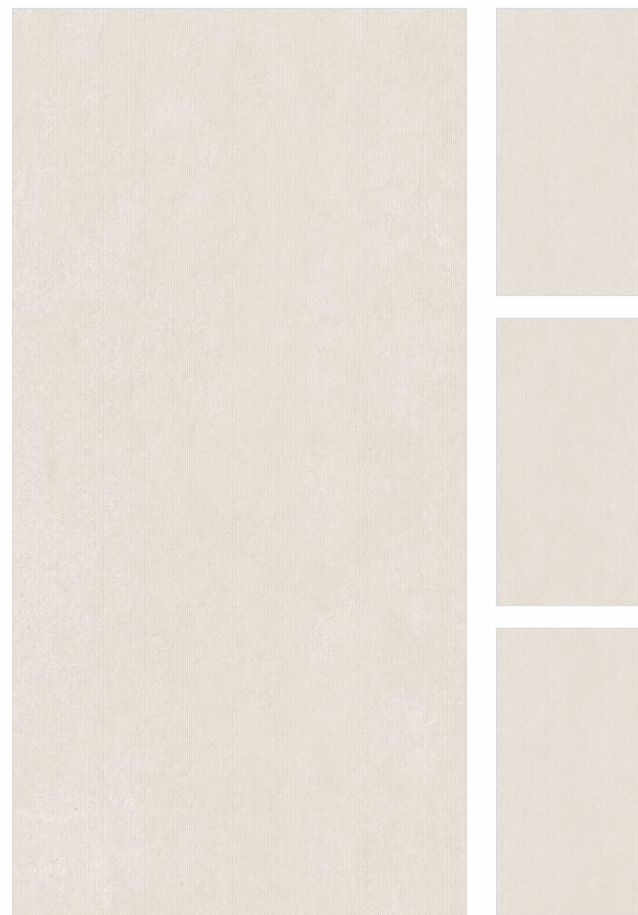
ESPEN FLORECER AVORIO

ESPEN LINEA AVORIO



ESPEN FLORECER GRIGIO

ESPEN LINEA GRIGIO



Finish 4D
Random 1 Faces



Finish 4D
Random 4 Faces



Finish 4D
Random 1 Faces



Finish 4D
Random 4 Faces



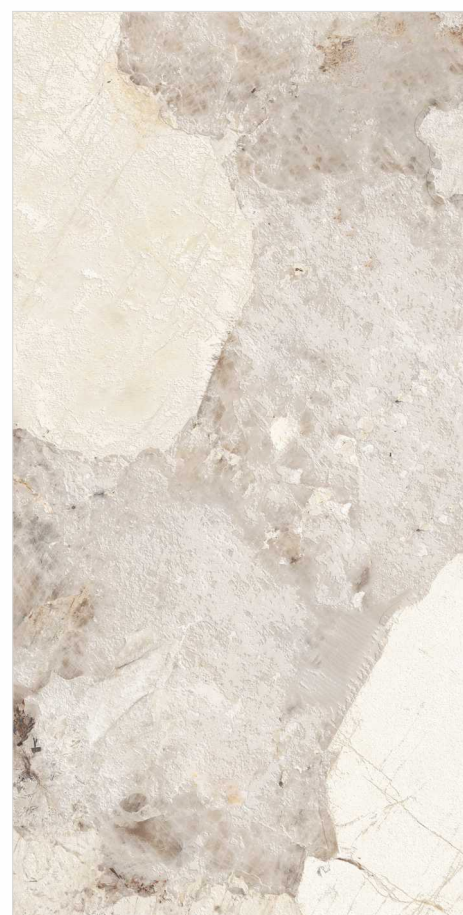


Wall: KRONOS CREAM | Floor: KRONOS CREAM



STATVARIO ANJELO

PATAGONIA ECRU



Finish 4D
Random 6 Faces



Finish 4D
Random 6 Faces



KRONOS CREAM

KRONOS SILVER



Finish 4D
Random 6 Faces



Finish 4D
Random 6 Faces



TECHNICAL SPECIFICATION FOR GVT / PGVT

SR. NO.	CHARACTERISTICS	IS 15622:2017 GROUP BIA E ≤ 0.08	ISO 13006:2018 GROUP BIA EV ≤ 0.5 %	EN 14411:2016 GROUP BIA EV ≤ 0.5 %	TEST METHOD	SUNHEART VALUE	
A - 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	ISO 10545 - 2 IS 13630 (Part 1)	± 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						
a	Center Curvature (%)	± 0.5%	± 0.4% OR ± 1.8 mm	± 0.5 % OR ± 2.0 mm		± 0.2 %	
b	Edge Curvature (%)	± 0.5%	± 0.4% OR ± 1.8 mm	± 0.5 % OR ± 2.0 mm		± 0.2 %	
c	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
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/mm ²]	Av 35, Individual 32 min	Av 35, Individual 32 min	Av 35, Individual 32 min	ISO 10545-4 IS 13630 (Part 6)	>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		>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	
v	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	
	Resistance To Deep Abrasion Of Unglazed Tiles (volume Removed In Mm ³)	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	
x	Impact Resistance	0.55	0.55	0.55	ISO 10545-5 IS 13630 (Part 14)	>0.55	
xi	Bulk Density	Min 2.2			ISO 10545-3 IS 13630 (Part 2)	2.2 gm/cc.min	
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	

PACKING DETAILS

SIZE	PIECES / BOX	COVERAGE AREA / BOX		WEIGHT / BOX
60x120cm	2	15.50 sq. ft.	1.44 sq. mtr	26.5 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.

SUNHEARRT CERAMIX

TILES | BATHWARE | ADHESIVE

SUNHEARRT CERAMIX PRIVATE LIMITED

(Formerly Known as Sunshine Tiles Company Pvt. Ltd.)

101-103, First Floor, Titanium One, Near Pakwan Cross Roads, S. G. Highway, Ahmedabad - 380 054. Gujarat, INDIA

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8-A-National Highway, At. Dhuva, Tal, Wankaner,
Dist. Morbi - 363621 (Gujarat)

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DELHI OFFICE

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BENGALURU OFFICE

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CHENNAI OFFICE

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Jacob's Building, 1st Floor, Nh Bye Pass-66,
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E. info@sunhearrt.com | www.sunhearrt.com

