

SUNHEARRT CERAMIX

TILES | BATHWARE | ADHESIVE



120
180 X

ECONOMY
COLLECTION

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.

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.

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**



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

The essence of this collection's design philosophy is crafting intricately textured surfaces that subtly elevate spaces with an organic appearance and unique beauty. These surfaces are imbued with advanced functionality, fostering admiration while maintaining a natural allure that is custom-tailored.



Redefine your space with the exclusive Economy surfaces manufactured using superior technology and high specification standards. These surfaces elevate the magnanimity of spaces with their robust strength, durability and timeless elegance. Whether your design is intricate or simple, geometric and recurrent or sedate or audacious, these colossal tiles fit in all architectural concepts with ease making them an asset addition to your spaces.

Dynamic Dimensions

The structural features and versatile designs in big size allow a notable reduction of joints and also give designers and architects free rein to use their creativity.

Techno-rich Features

Created with the latest technology and advanced features make them a premium value-addition to the project.

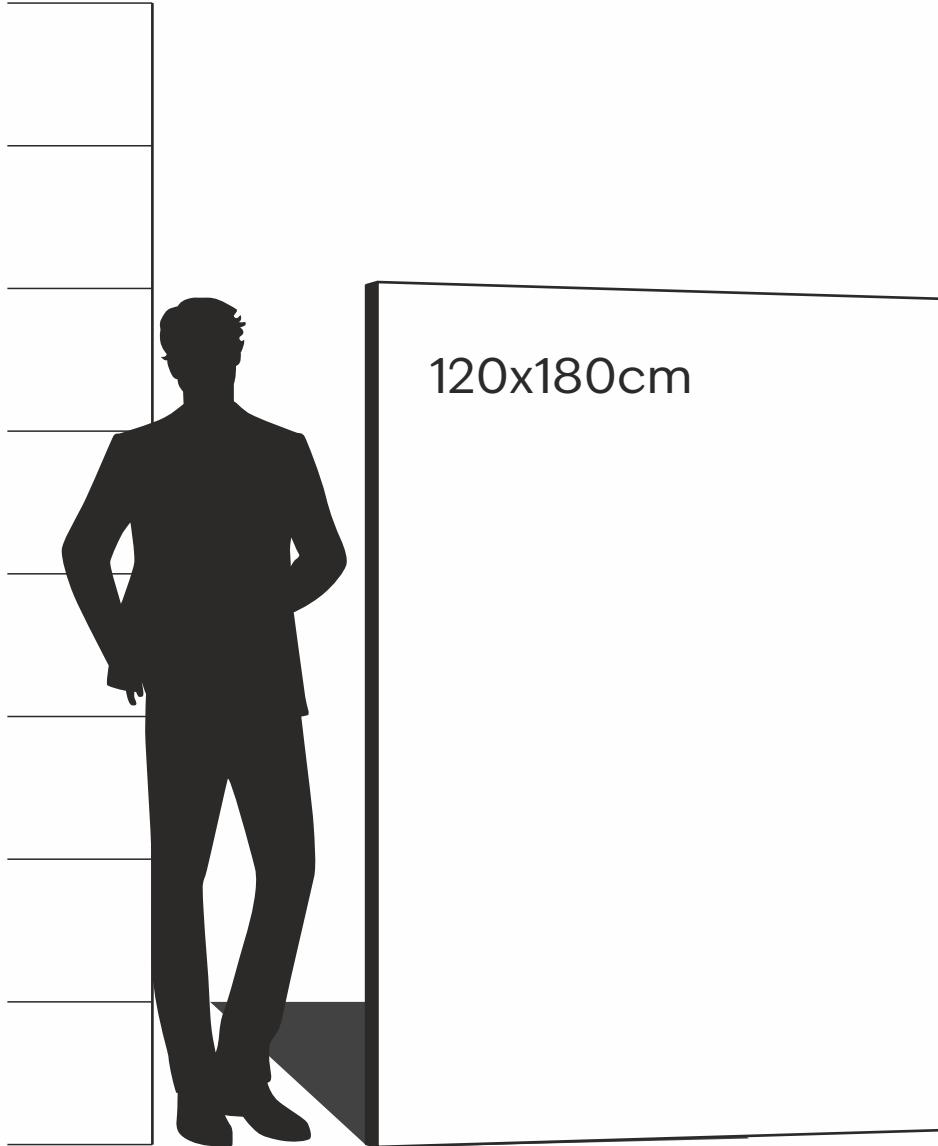
Incredible Resilience

These surfaces are extremely robust and highly resilient to wear. They are great for high-traffic environments and add class that can last for a long time.

Durable Composition

Modern methods enable features like zero-porosity, chemical resistance, and high tensile strength that resist breakage.

SIZE



COLOSSAL SIZE COUNTLESS POSSIBILITIES

The colossal formats 120x180cm showcases versatility where imagination knows no bounds. The formats offer design flexibility, making spaces visually striking.



Great Ambiance

The mammoth size of these surfaces creates the effect of huge spaces, giving an air of openness and lightness, empowering innovation.

Seamless Look

Due to the large size of the slabs, there are fewer grout lines, making the space appear bigger and better.

Less Upkeep

These surfaces are befitting for urban life as they demand minimal upkeep with features like water, heat, stain resistance, and much

ADVANTAGES & FEATURES

This Collection is an ideal choice to revamp space with techno-rich features like easy to clean, color stability, resistance to water, fire, scratch, temperature, abrasion, stain and much more. Also, these surfaces remain unaffected by UV rays, upkeeping spaces in all-new condition.

Advantages



EASY TO
CLEAN



ABRASION
RESISTANT



BENDING
STRENGTH



WATER
RESISTANT



LIQUID
REPELLENT
SURFACE



COLOR
STABILITY



FIRE & HIGH
TEMPERATURE
RESISTANT



UNALTERABLE
TO UV RAYS



ALMA BEIGE - GLOSSY
ALMA BEIGE MUSE - MUSE MATT



FACES 3



ALMA BEIGE



ALMA PEARL - GLOSSY
ALMA PEARL MUSE - MUSE MATT



FACES 3



ALMA PEARL



ARC BEIGE - GLOSSY
ARC BEIGE MUSE - MUSE MATT



FACES 3



ARC BEIGE



ARKOS IVORY - GLOSSY
ARKOS IVORY MUSE - MUSE MATT



FACES 3



ARKOS IVORY



AUREL ROYAL - GLOSSY
AUREL ROYAL MUSE - MUSE MATT



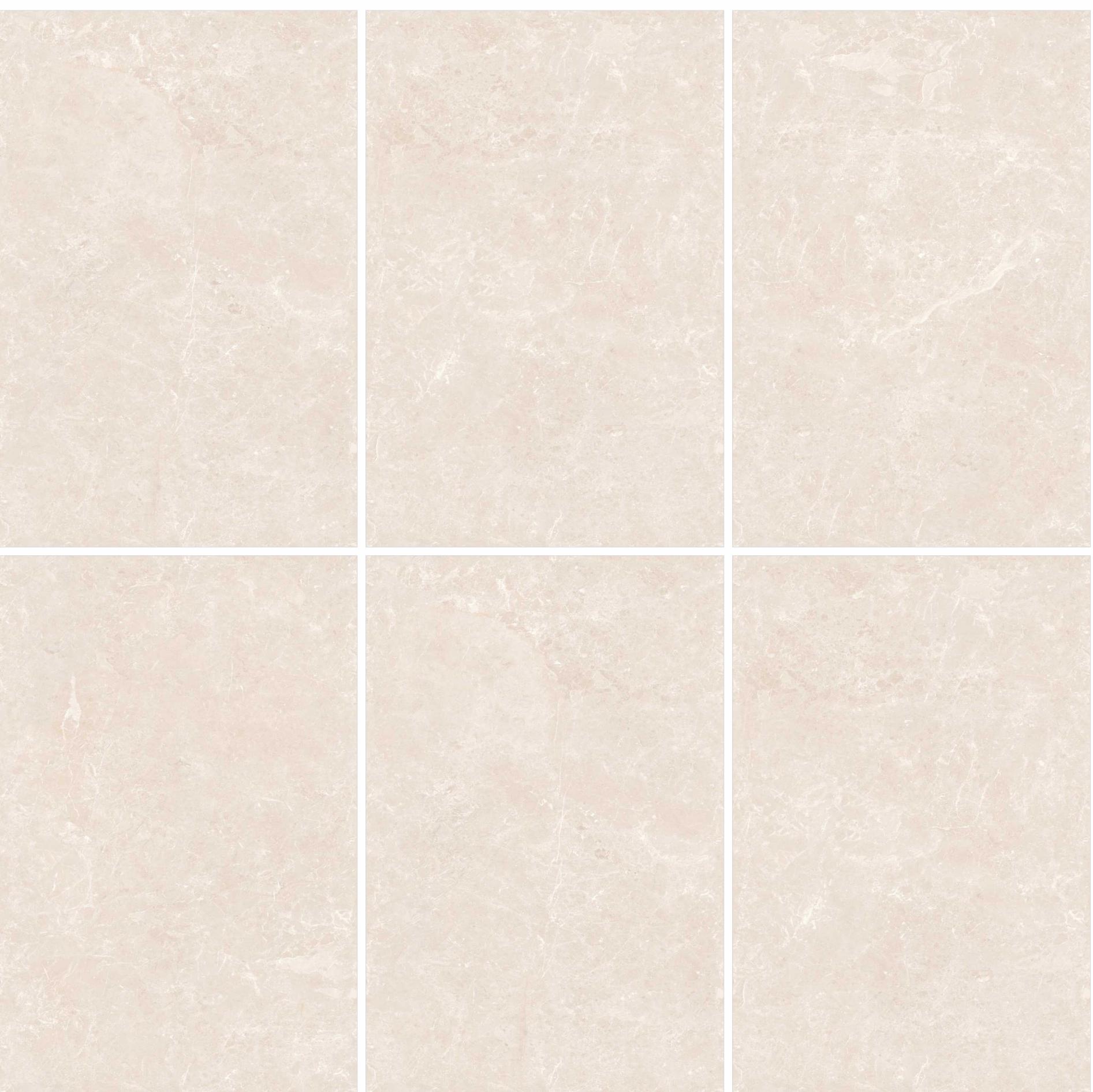
FACES 2



AUREL ROYAL



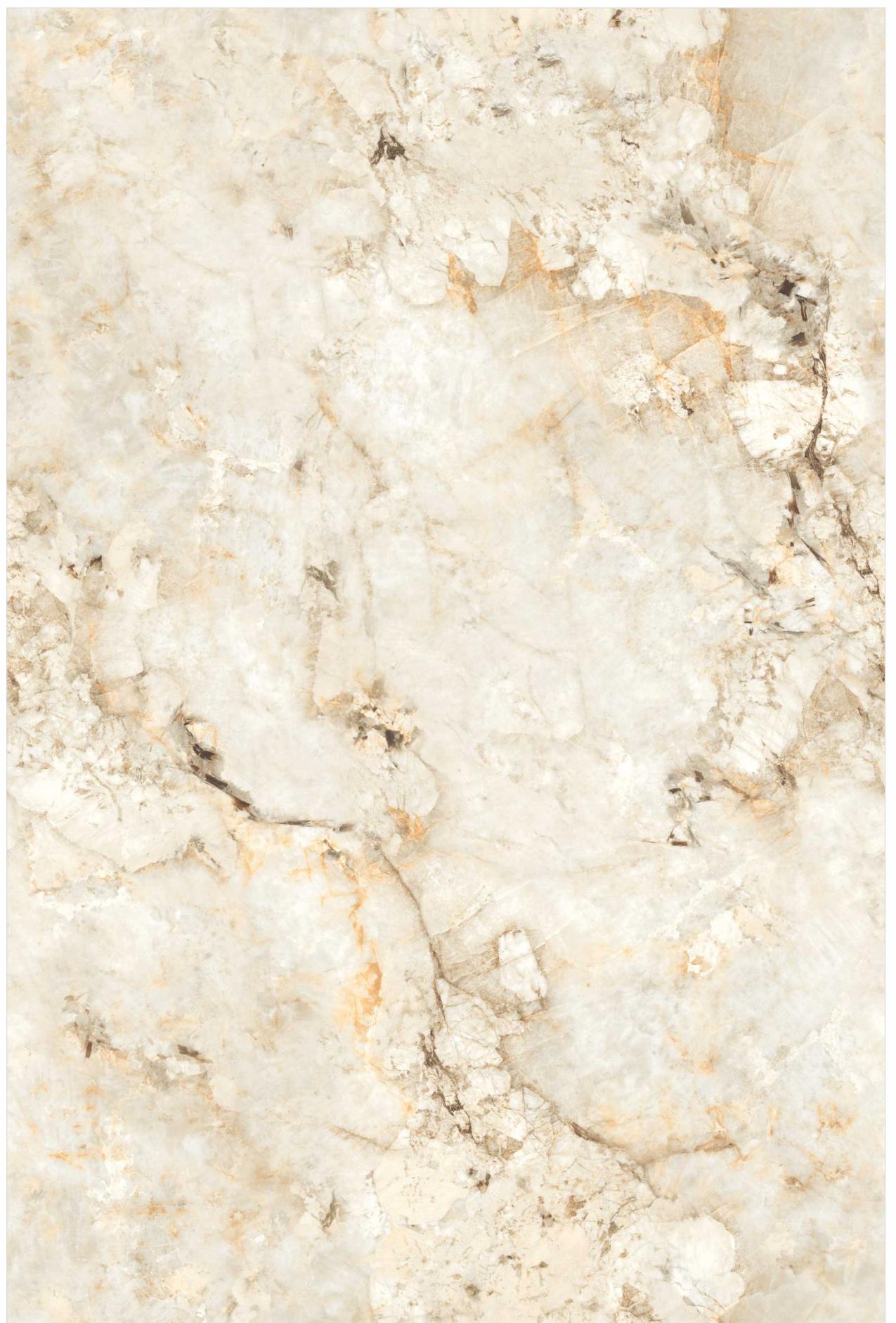
CREMORO - GLOSSY
CREMORO MUSE - MUSE MATT



FACES 4



CREMORO



CROWNICO BEIGE - GLOSSY
CROWNICO BEIGE MUSE - MUSE MATT



FACES 3



CROWNICO BEIGE



ICEBERG WHITE - GLOSSY
ICEBERG WHITE MUSE - MUSE MATT



FACES 3



ICEBERG WHITE



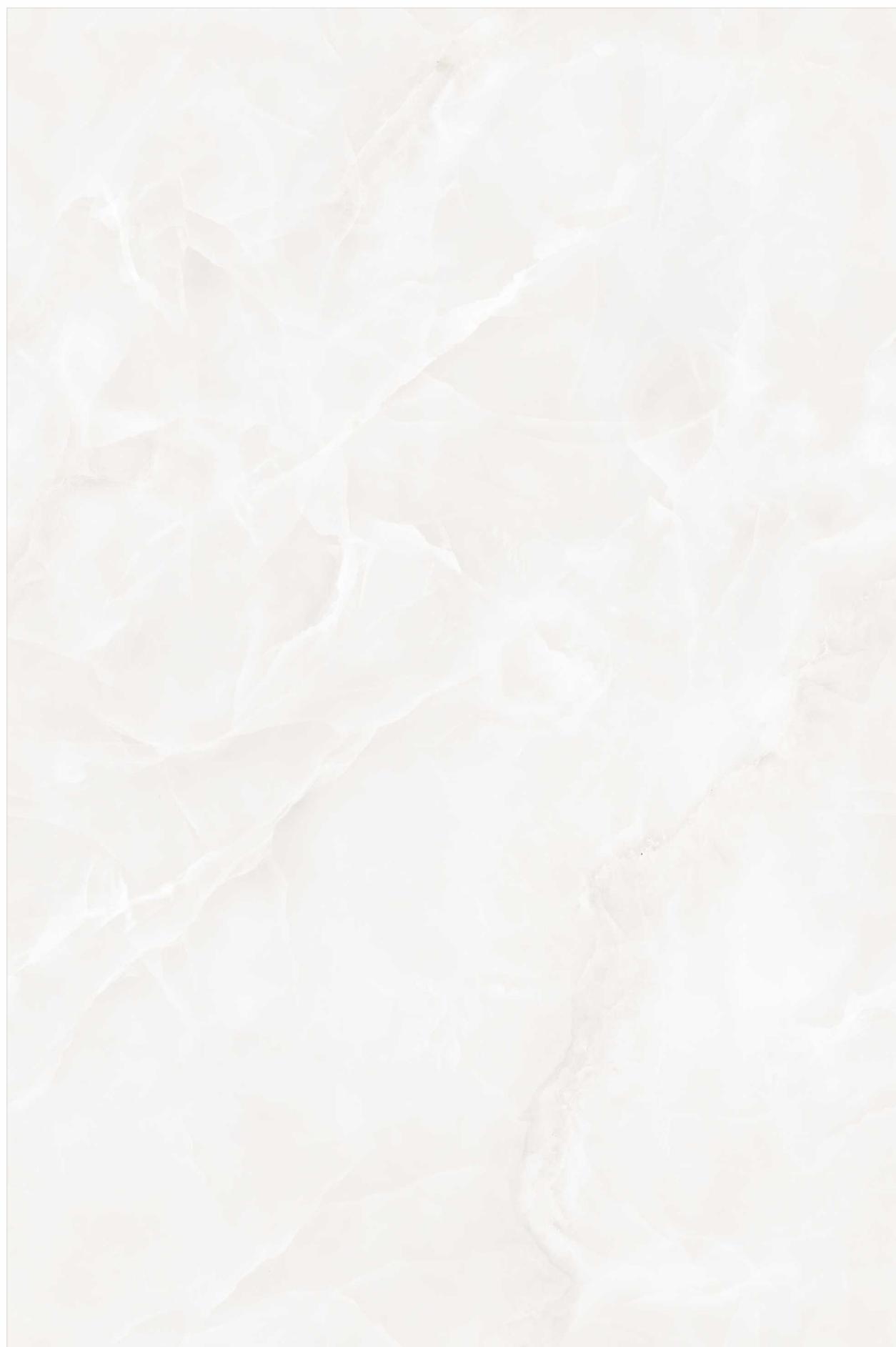
KONTE IVORY - GLOSSY
KONTE IVORY MUSE - MUSE MATT



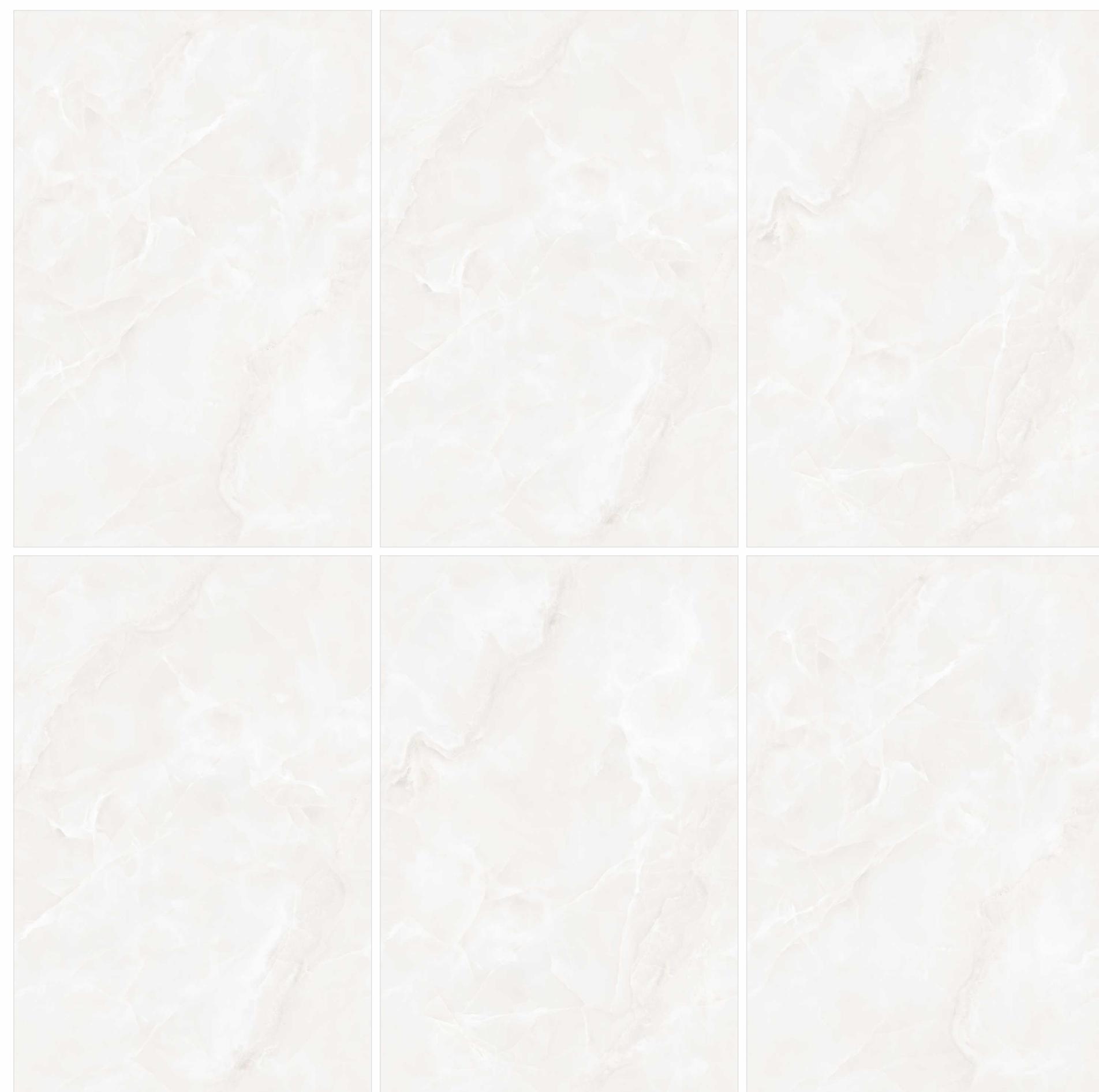
FACES 3



KONTE IVORY



MISTY ONYX WHITE - GLOSSY
MISTY ONYX WHITE MUSE - MUSE MATT



FACES 3



MISTY ONYX WHITE



NIVOX WHITE - GLOSSY
NIVOX WHITE MUSE - MUSE MATT



FACES 3



NIVOX WHITE



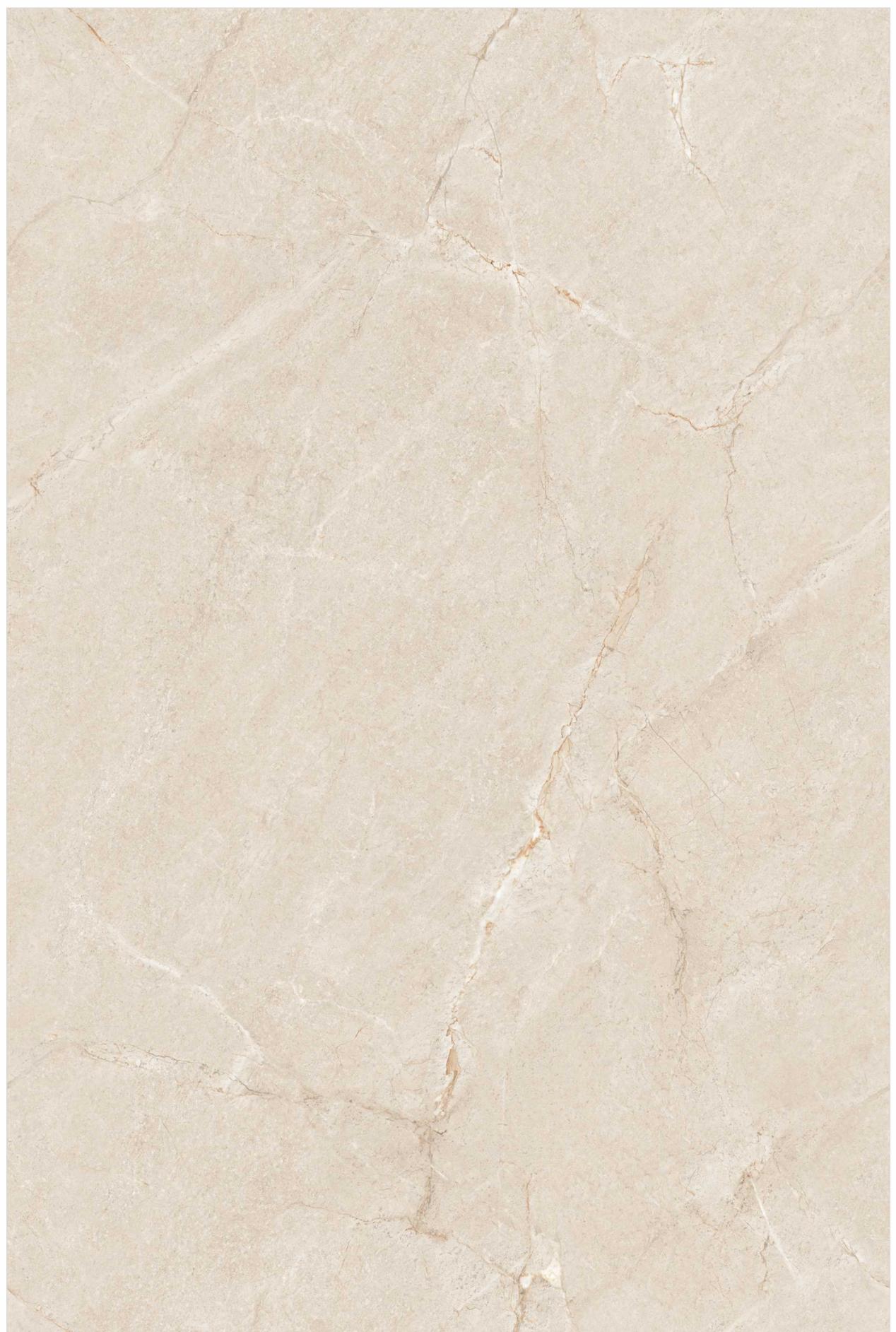
SICHLANDER WHITE - GLOSSY
SICHLANDER WHITE MUSE - MUSE MATT



FACES 3



SICHLANDER WHITE



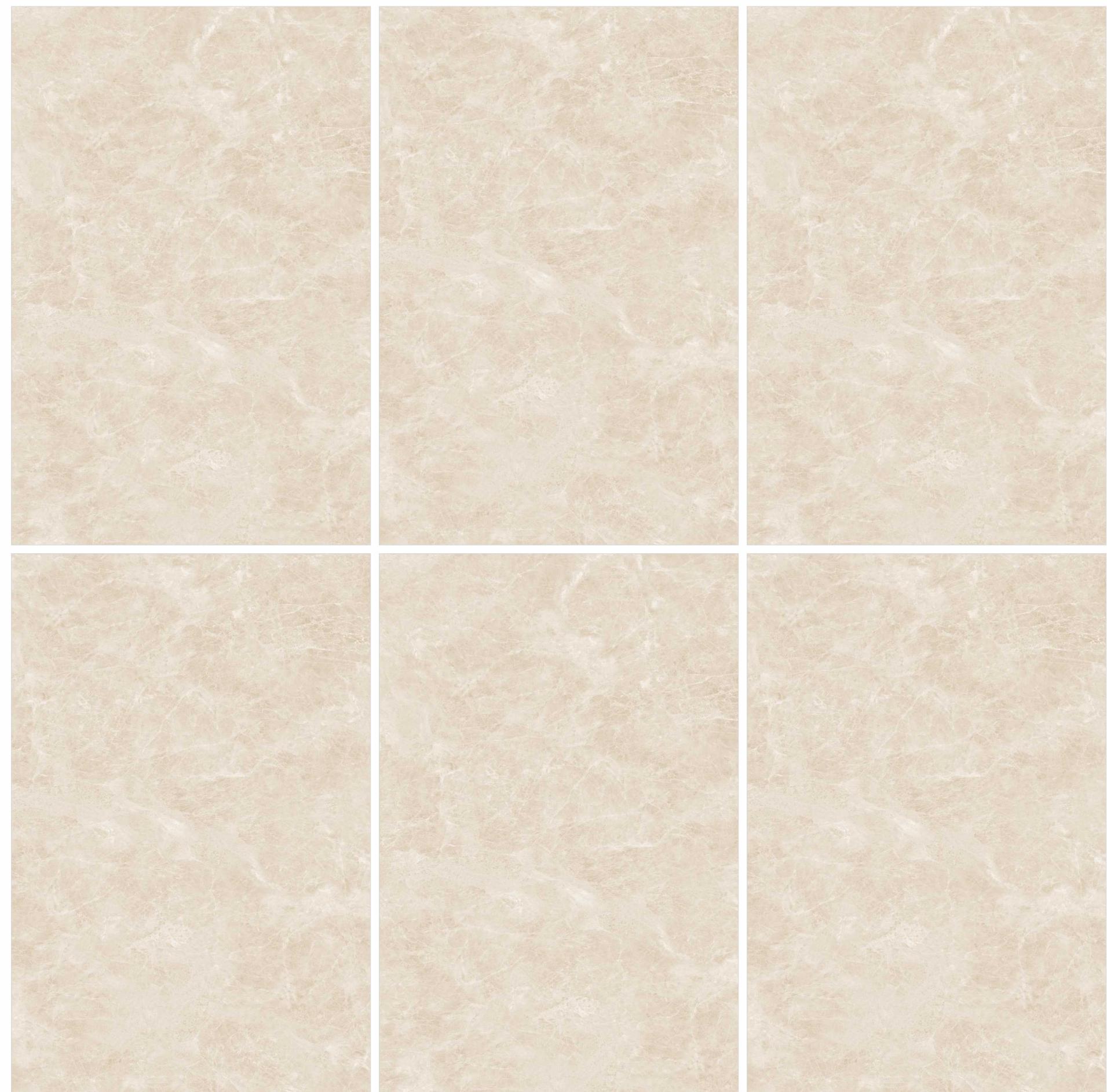
UNIGLOW BEIGE - GLOSSY
UNIGLOW BEIGE MUSE - MUSE MATT



FACES 3



UNIGLOW BEIGE



BELVIA CREMA - GLOSSY
BELVIA CREMA MUSE - MUSE MATT

FACES 2



BELVIA CREMA

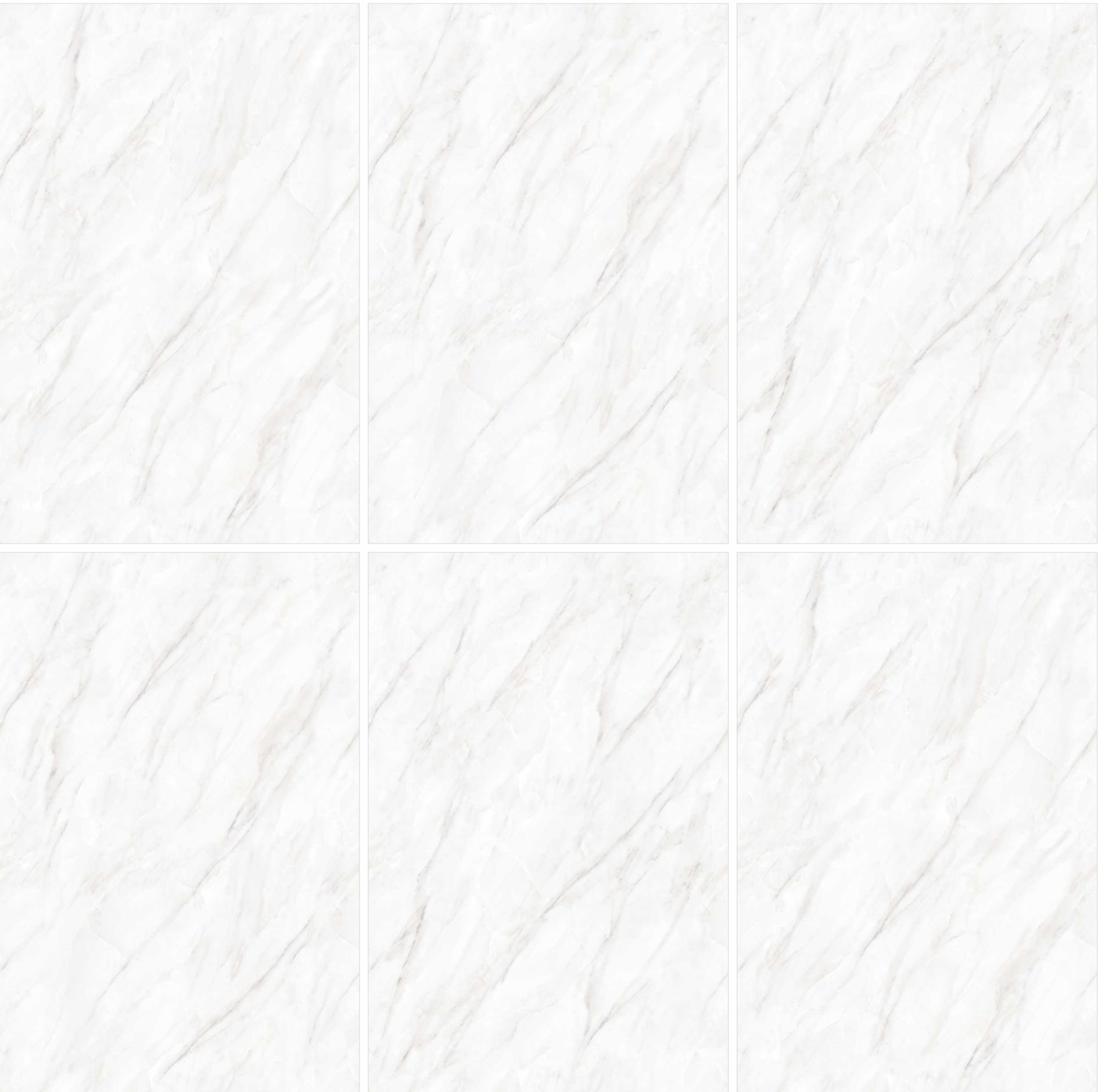


CAPPUCCINO IVORY - GLOSSY
CAPPUCCINO IVORY MUSE - MUSE MATT

FACES 3



CAPPUCCINO IVORY



LUMIERA WINDS - GLOSSY
LUMIERA WINDS MUSE - MUSE MATT

FACES 3



LUMIERA WINDS



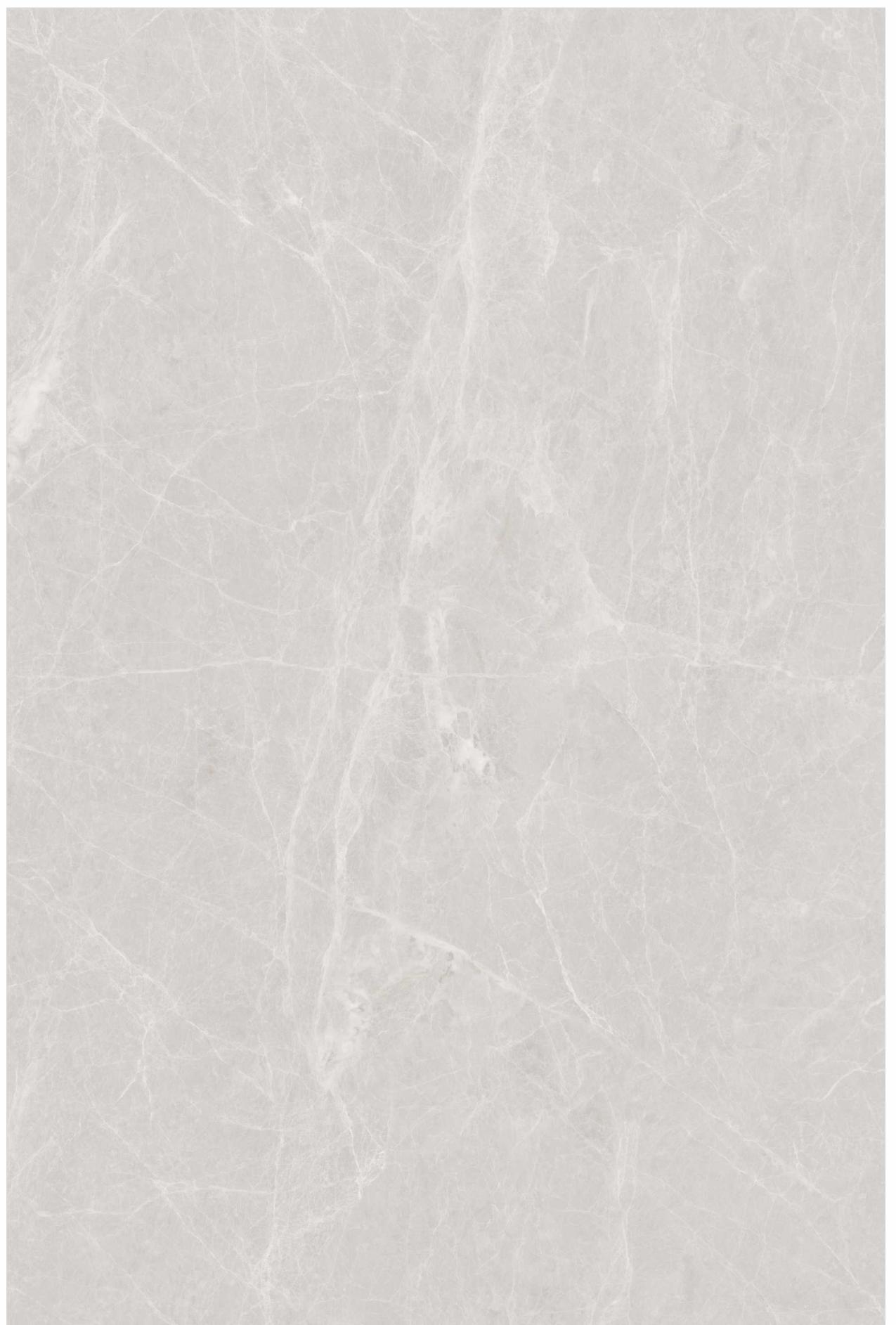
PERLATO GREY - GLOSSY
PERLATO GREY MUSE - MUSE MATT



FACES 3



PERLATO GREY



PERLATO SILVER - GLOSSY
PERLATO SILVER MUSE - MUSE MATT



FACES 3



PERLATO SILVER

TECHNICAL SPECIFICATION OF GVT / PGVT

SR. NO.	CHARACTERISTICS	IS 15622:2017 GROUP BIA E \leq 0.08	ISO 13006:2018 GROUP BIA EV \leq 0.5 %	EN 14411:2016 GROUP BIA EV \leq 0.5 %	SUNHEARRT VALUE	TEST METHOD
A - DIMENSION & SURFACE QUALITY (WHICH EVER IS LESS IS APPLICABLE)						
i	Length & Width	$\pm 0.1\%$	$\pm 0.3\%$ OR ± 1.0 mm	$\pm 0.6\%$ OR ± 2.0 mm	$\pm 0.1\%$	
ii	Thickness	$\pm 5.0\%$	$\pm 5.0\%$ OR ± 0.5 mm	$\pm 5.0\%$ OR ± 0.5 mm	$\pm 5.0\%$	
iii	Straightness Of Side	$\pm 0.1\%$	$\pm 0.3\%$ OR ± 0.8 mm	$\pm 0.5\%$ OR ± 1.5 mm	$\pm 0.1\%$	
iv	Rectangularity	$\pm 0.1\%$	$\pm 0.3\%$ OR ± 1.5 mm	$\pm 0.5\%$ OR ± 2.0 mm	$\pm 0.1\%$	
v	Surface Flatness					ISO 10545 - 2 IS 13630 (Part 1)
a	Center Curvature (%)	$\pm 0.5\%$	$\pm 0.4\%$ OR ± 1.8 mm	$\pm 0.5\%$ OR ± 2.0 mm	$\pm 0.5\%$	
b	Edge Curvature (%)	$\pm 0.5\%$	$\pm 0.4\%$ OR ± 1.8 mm	$\pm 0.5\%$ OR ± 2.0 mm	$\pm 0.5\%$	
c	Corner Warpage (%)	$\pm 0.5\%$	$\pm 0.4\%$ OR ± 1.8 mm	$\pm 0.5\%$ OR ± 2.0 mm	$\pm 0.5\%$	
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%	<0.08% Ind Max 0.1%	ISO 10545-3 IS 13630 (Part 2)
ii	Modulus Of Rupture [N/mm ²]	Av 35, Individual 32 min	Av 35, Individual 32 min	Av 35, Individual 32 min	Min 38	ISO 10545-4 IS 13630 (Part 6)
iii	Breaking Strength In N	700 for < 7.5mm thickness 1300 for \geq 7.5mm thickness	700 for < 7.5mm thickness 1300 for \geq 7.5mm thickness	700 for < 7.5mm thickness 1300 for \geq 7.5mm thickness	Min-1500	
iv	Moisture Expansion In Mm/m	0.02	0.06%/.06mm/m	0.06%/.06mm/m	Nil	ISO 10545-10 IS 13630 (Part 3)
v	Resistance To Abrasion Of Glazed Tiles (Class I To V)	Minimum Class II	Depending on surface (As reported)	Depending on surface (As reported)	Min Class-III	ISO 10545-7 IS 13630 (Part 11)
v	Resistance To Deep Abrasion Of Unglazed Tiles (volume Removed In Mm ³)	Not Applicable	Not Applicable	Not Applicable	Not Applicable	ISO 10545-6 IS 13630 (Part 12)
vi	Coefficient Of Linear Thermal Expansion From Embiant Temperature To 100 0 C	6×10^{-6} K ⁻¹	9×10^{-6} K ⁻¹ max	9×10^{-6} K ⁻¹ max	6×10^{-6} K ⁻¹	ISO 10545-8 IS 13630 (Part 4)
vii	Thermal Shock Resistance	10 Cycle Passed	10 cycle min	10 cycle min	10 cycle Passed	ISO 10545-9 IS 13630 (Part 5)
viii	Crazing Resistance	4 cycle	2 Cycle (@ 5 bar))	2 Cycle (@ 5 bar))	4 cycle passed	ISO 10545-11 IS 13630 (Part 9)
ix	Frost Resistance	100 Cycle	Required	Required	Passed	ISO 10545-12 IS 13630 (Part-10)
x	Impact Resistance	0.55	0.55	0.55	0.8	ISO 10545-5 IS 13630 (Part 14)
xi	Bulk Density	2.2		Not A requirement	2.2	ISO 10545-3 IS 13630 (Part 2)
C - CHEMICAL PROPERTIES						
i	Stain Resistance	Min Class I	Min Class 3	Min Class 3	Min Class I	ISO 10545-14 IS 13630 (Part 8)
ii	Resistance To Household Chemicals	Class AA	Min Class B	Min Class B	Class AA	ISO 10545-13 IS 13630 (Part 8)
iii	Resistance To Acid And Alkalies		Decleared Value	Decleared Value	Class AA	ISO 10545-13 IS 13630 (Part 8)

PACKING DETAILS

SIZE	PIECES / BOX	COVERAGE AREA / BOX		WEIGHT / BOX
120x180cm	2	46.50 sq. ft.	4.32 sq. mtr	90.0 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.



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SUNHEARRT CERAMIX PRIVATE LIMITED

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