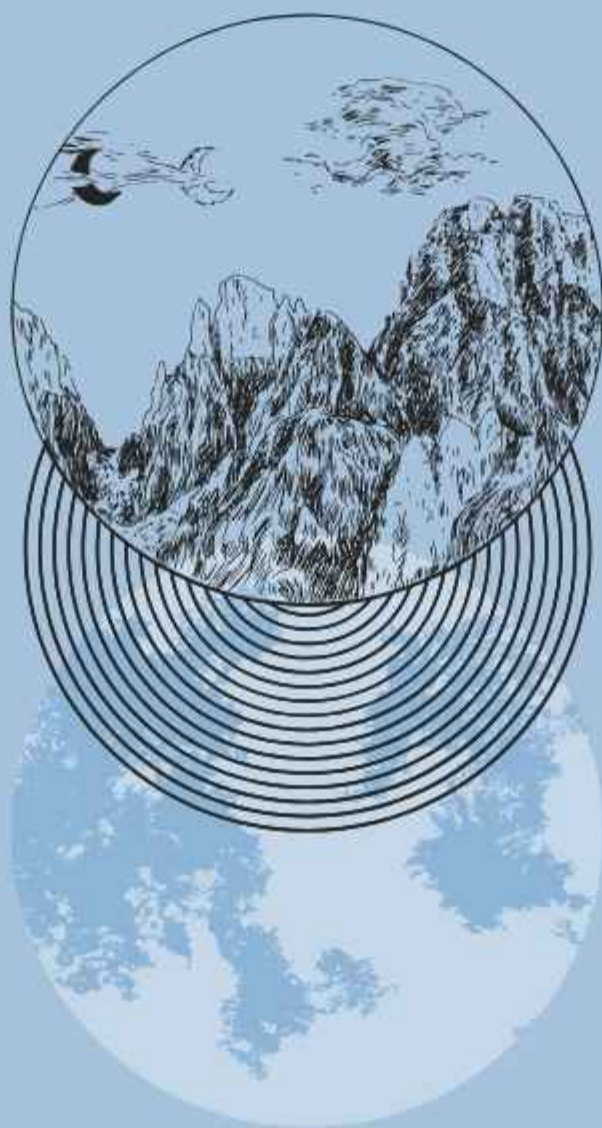


**SUNHEART**  
CERAMIK



**ALLURE**  
GLAZED VITRIFIED TILES

**60x60cm**

**COLLECTION 2024**

# 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 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



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**



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!

**MATERIA COLLECTION**  
60x60cm

## MATERIA COLLECTION

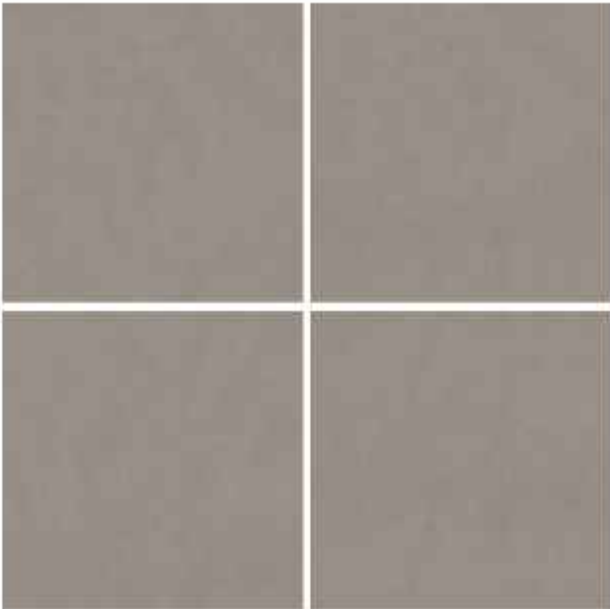
Discover splendid tiles from the Materia Collection that enable you to express your personal taste and create an atmosphere that resonates with your unique vision. Additionally, our premium floor and wall tiles in size 60x60cm from the Materia Collection offer a perfect fusion of durability and sophistication, providing a foundation for elegance in every step you take.



Floor  
CANOVA NERO  
60X60cm  
MATT CARVING

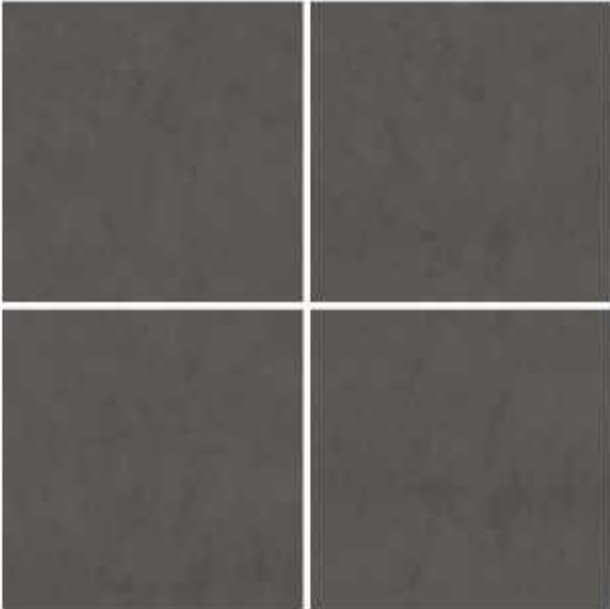
MATERIA COLLECTION  
60x60cm

CANOVA GREY



FINISH - MATT CARVING  
COLLECTION - MATERIA COLLECTION  
RANDOM - 4 FACES

CANOVA NERO



FINISH - MATT CARVING  
COLLECTION - MATERIA COLLECTION  
RANDOM - 4 FACES

CANOVA NERO



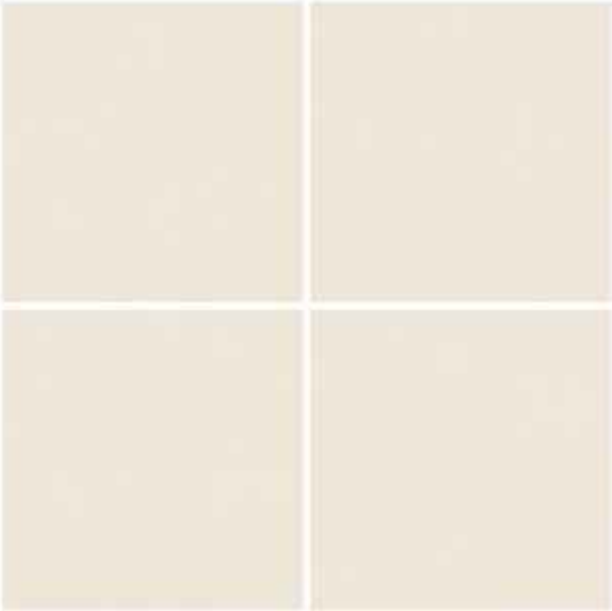
MATERIA COLLECTION  
60x60cm

CANOVA ICE



FINISH - MATT CARVING  
COLLECTION - MATERIA COLLECTION  
RANDOM - 4 FACES

CANOVA PEARL

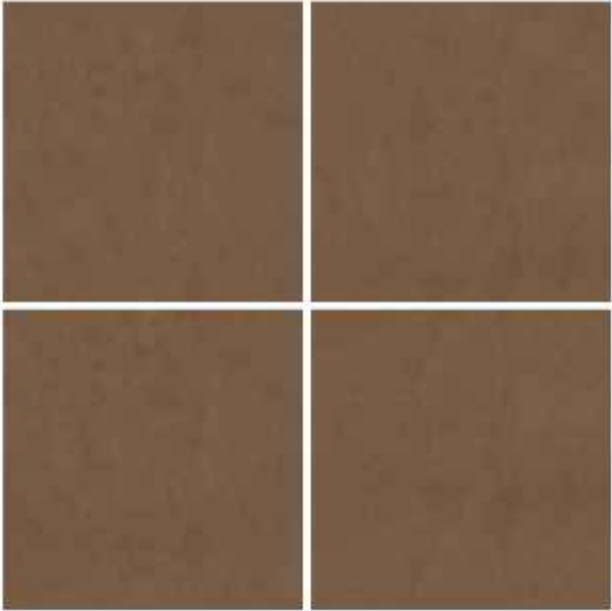


FINISH - MATT CARVING  
COLLECTION - MATERIA COLLECTION  
RANDOM - 4 FACES

CANOVA LATTE



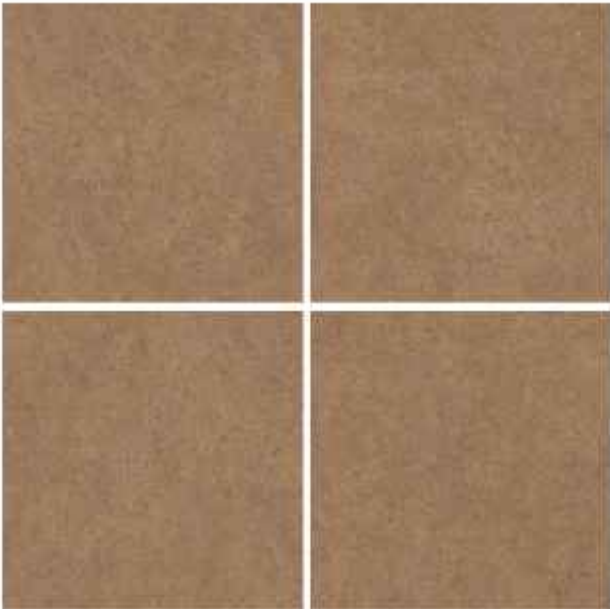
CANOVA LATTE



FINISH - MATT CARVING  
COLLECTION - MATERIA COLLECTION  
RANDOM - 4 FACES

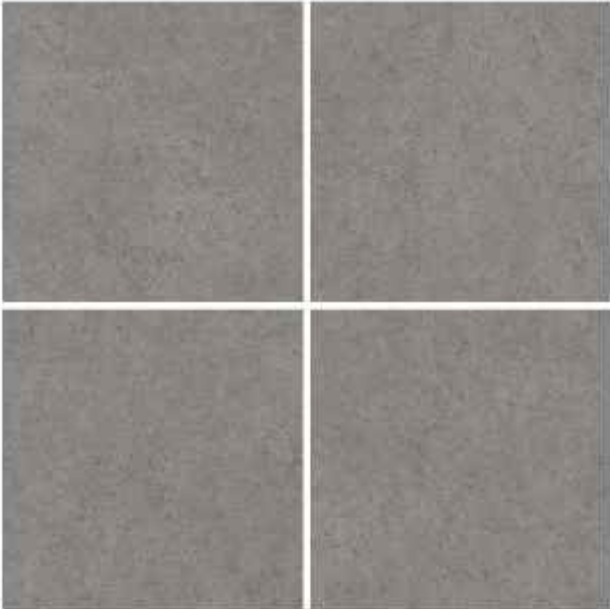
**MATERIA COLLECTION**  
60x60cm

**ALIEN BROWN**



FINISH - RUSTIC CARVING  
COLLECTION - MATERIA COLLECTION  
RANDOM - 6 FACES

**ALIEN GRAPHITE**

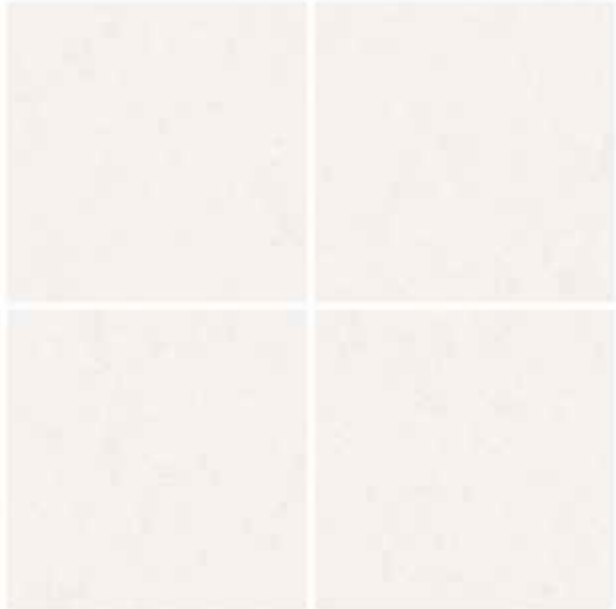


FINISH - RUSTIC CARVING  
COLLECTION - MATERIA COLLECTION  
RANDOM - 6 FACES

**ALIEN GRAPHITE & ALIEN WHITE**



**ALIEN WHITE**



FINISH - RUSTIC CARVING  
COLLECTION - MATERIA COLLECTION  
RANDOM - 6 FACES

ULTIMA COLLECTION  
60x60cm

## ULTIMA COLLECTION

Grace any room with a touch of opulence with tiles from the Ultima Collection. The exquisite design and meticulous craftsmanship provide a sense of timelessness, making your space more inviting. Further, these tiles' exceptional features bring modern elements on walls and floors to life.

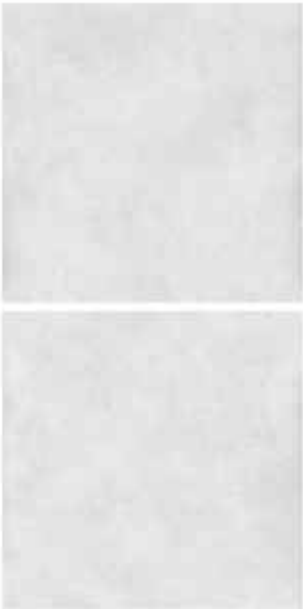
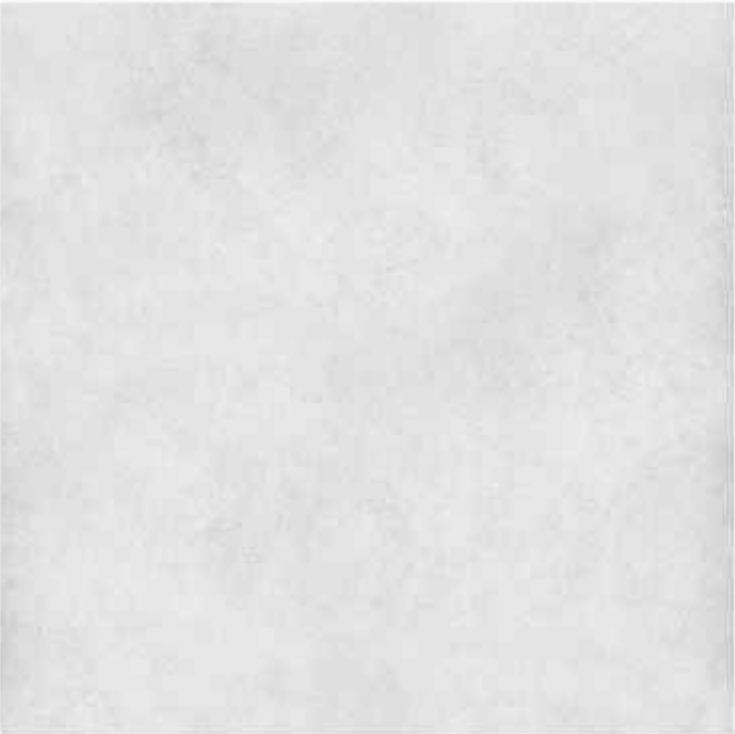


Floor

AMERICAN GRAFFITE  
60X60cm  
MATT

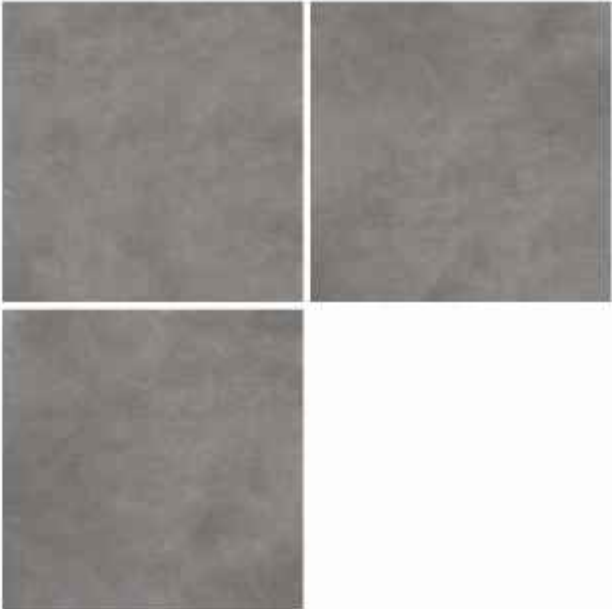
ULTIMA COLLECTION  
60x60cm

AMERICAN GREY



FINISH - MATT  
COLLECTION - ULTIMA COLLECTION  
RANDOM - 2 FACES

AMERICAN GRAFFITE



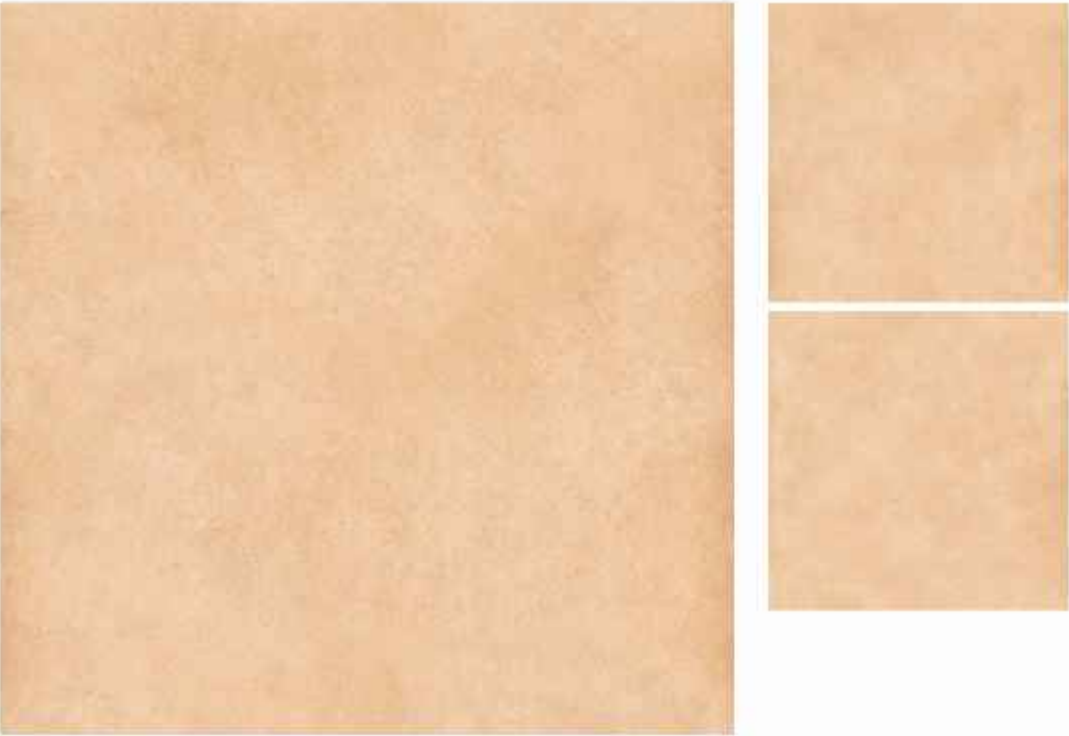
FINISH - MATT  
COLLECTION - ULTIMA COLLECTION  
RANDOM - 3 FACES

AMERICAN GRAFFITE



ULTIMA COLLECTION  
60x60cm

AMERICAN AMBER



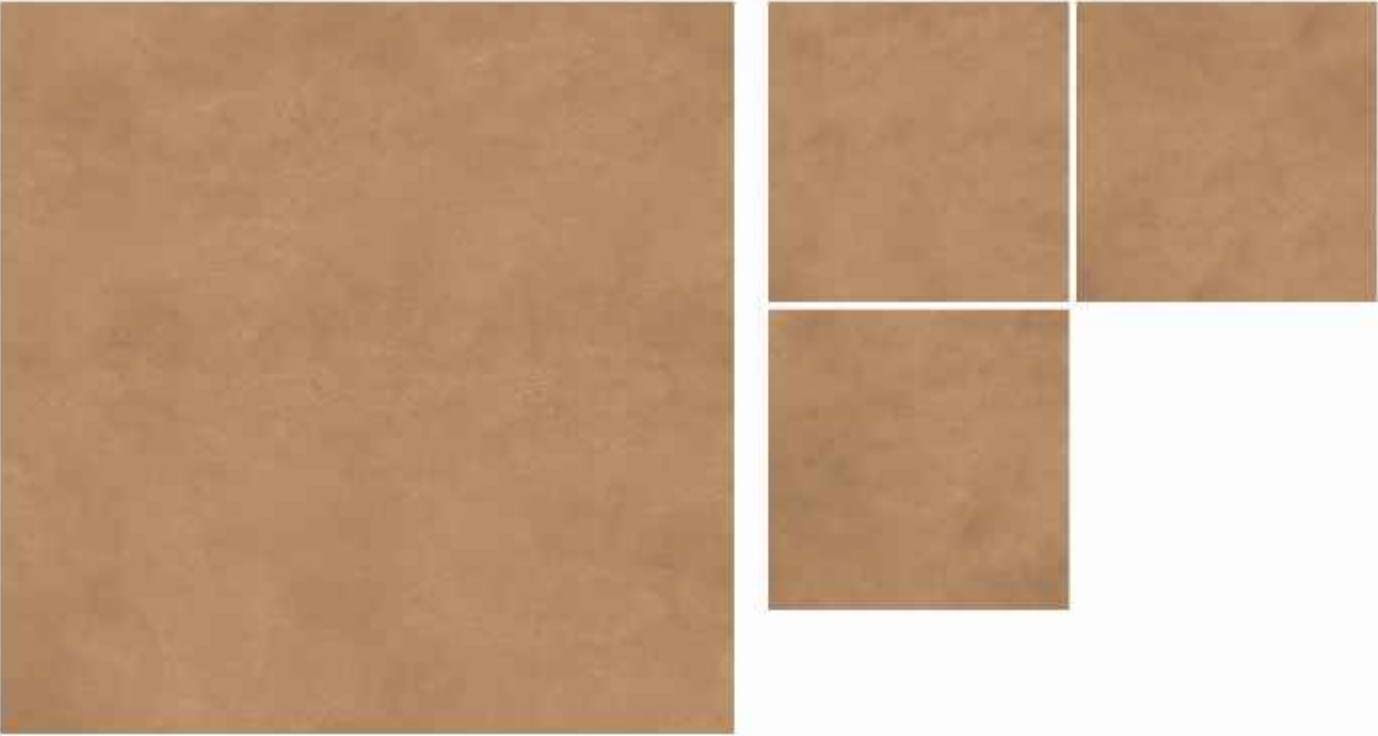
FINISH - MATT  
COLLECTION - ULTIMA COLLECTION  
RANDOM - 2 FACES

AMERICAN RUST



FINISH - MATT  
COLLECTION - ULTIMA COLLECTION  
RANDOM - 2 FACES

AMERICAN BROWN



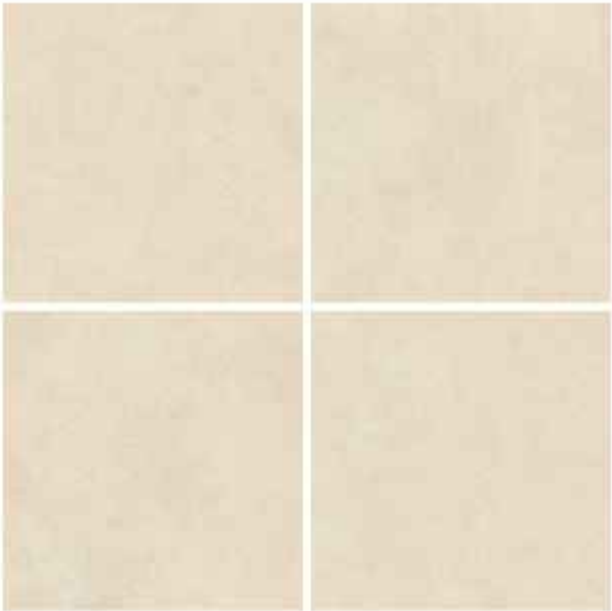
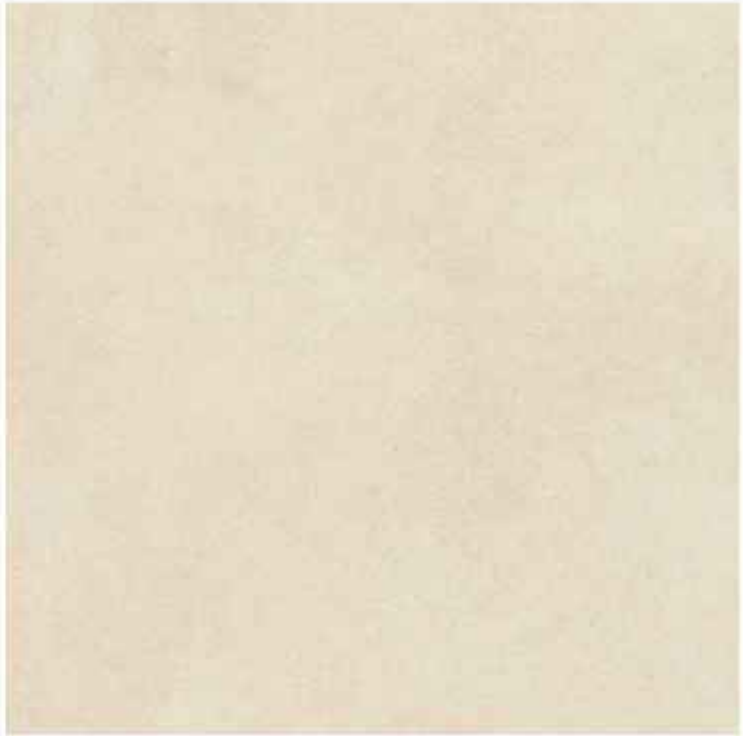
FINISH - MATT  
COLLECTION - ULTIMA COLLECTION  
RANDOM - 3 FACES

ULTIMA COLLECTION  
60x60cm

ENRICH BLANCO

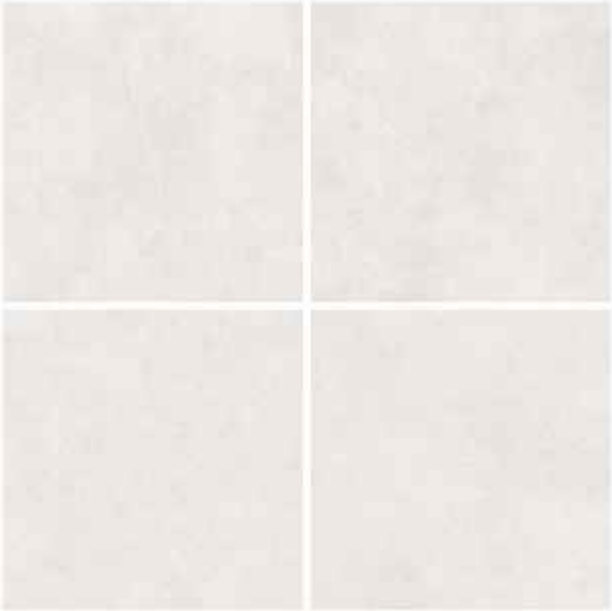
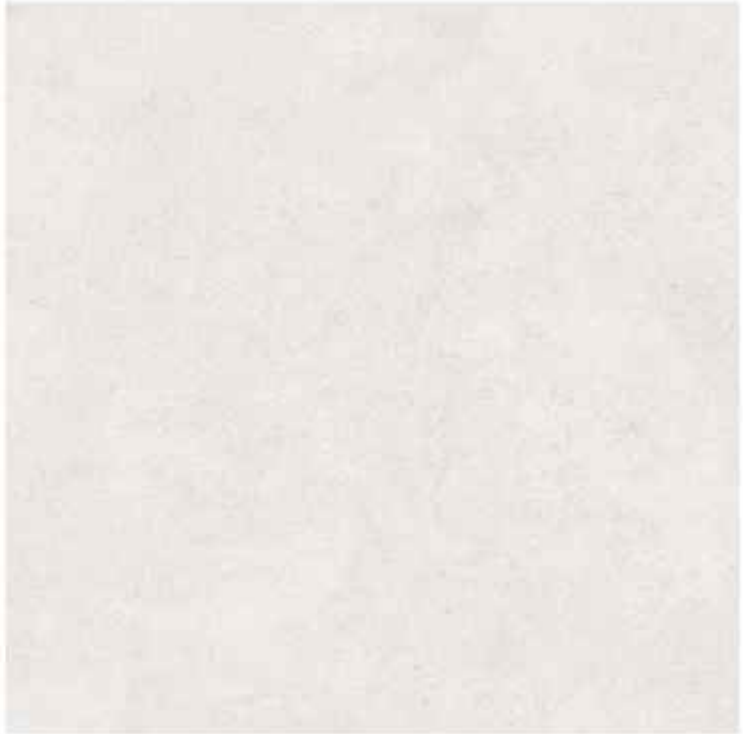


ENRICH BEIGE



FINISH - MATT  
COLLECTION - ULTIMA COLLECTION  
RANDOM - 8 FACES

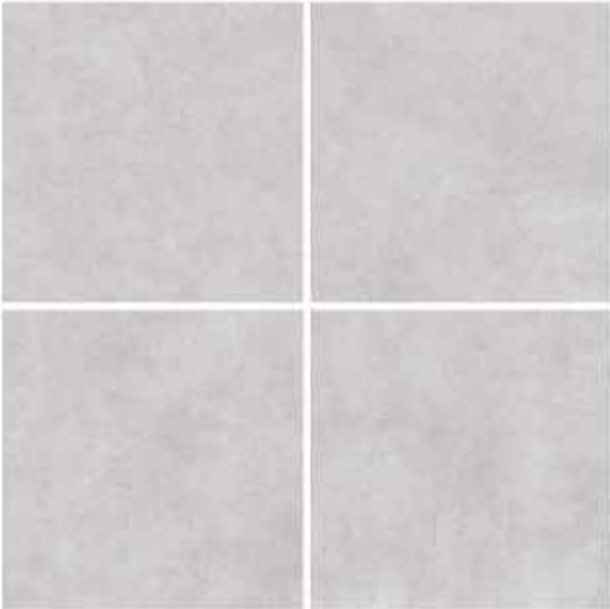
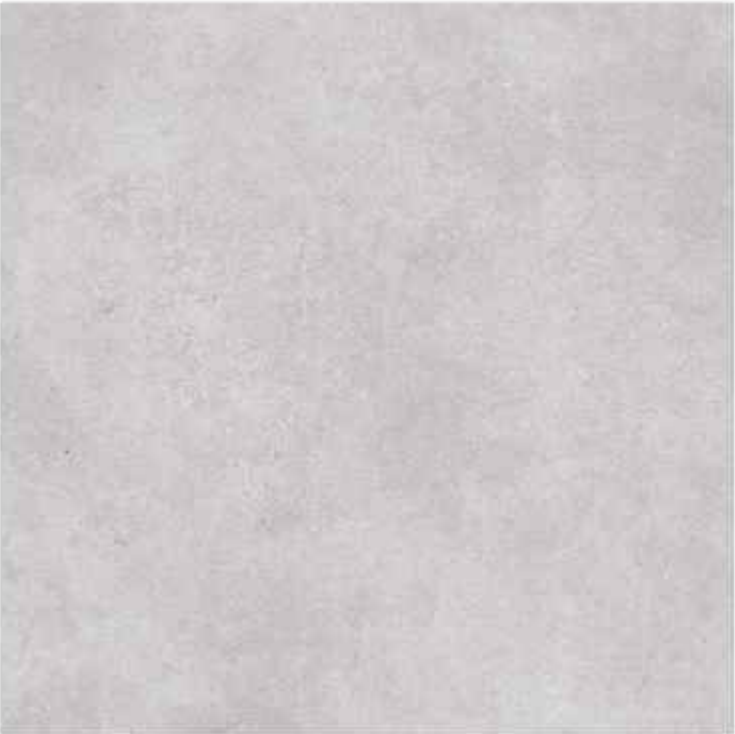
ENRICH BLANCO



FINISH - MATT  
COLLECTION - ULTIMA COLLECTION  
RANDOM - 8 FACES

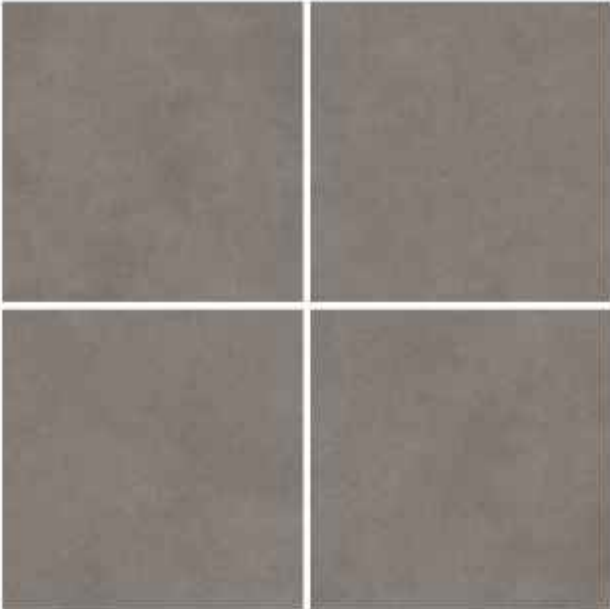
ULTIMA COLLECTION  
60x60cm

ENRICH GREY



FINISH - MATT  
COLLECTION - ULTIMA COLLECTION  
RANDOM - 8 FACES

ENRICH GRAFFITE



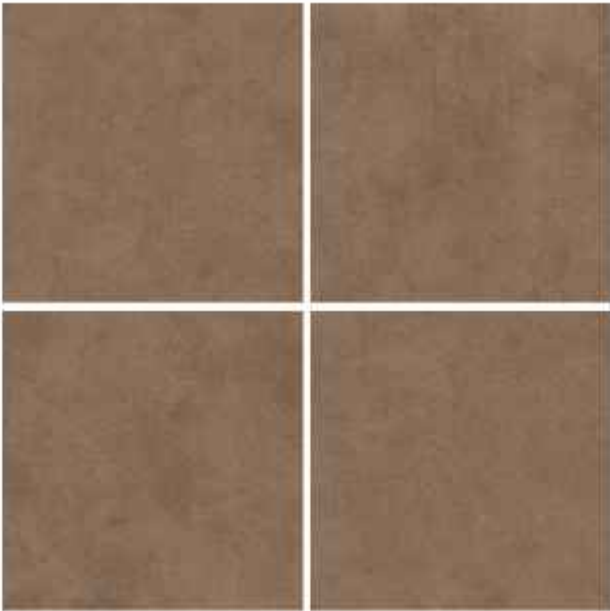
FINISH - MATT  
COLLECTION - ULTIMA COLLECTION  
RANDOM - 8 FACES

ENRICH GRAFFITE



ULTIMA COLLECTION  
60x60cm

ENRICH OAK



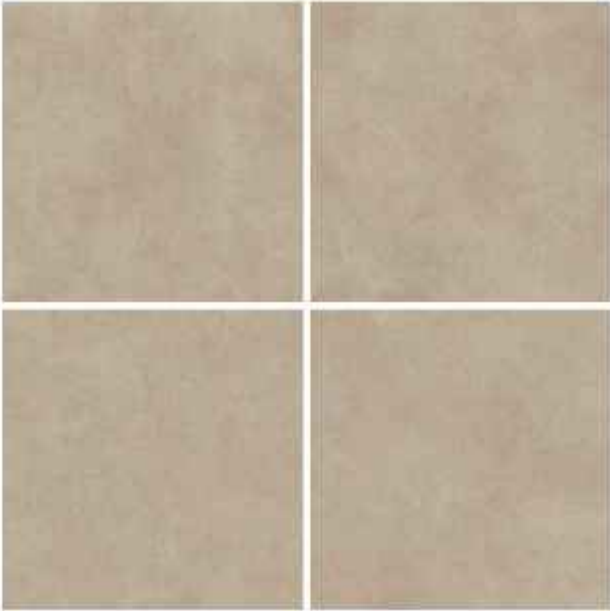
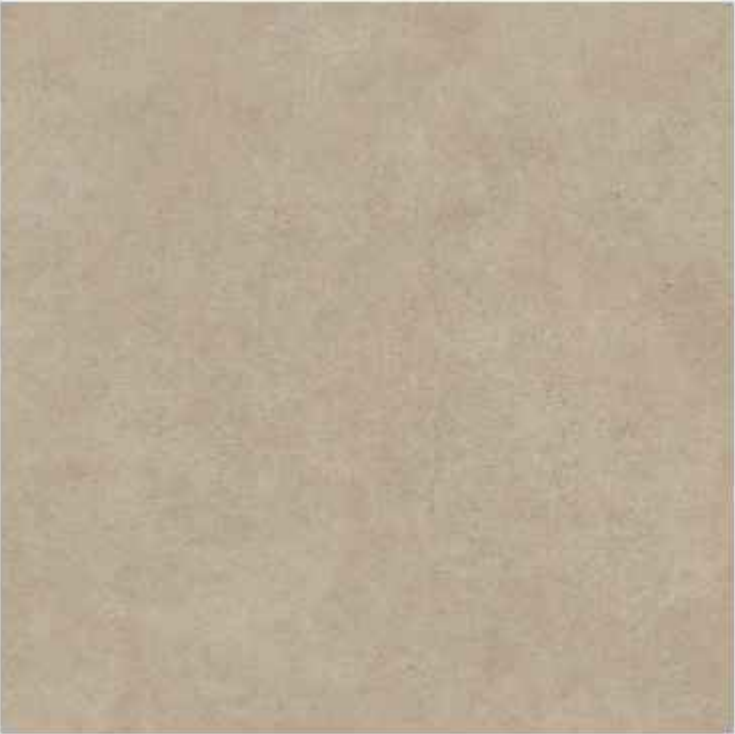
FINISH - MATT  
COLLECTION - ULTIMA COLLECTION  
RANDOM - 8 FACES

DOUGLAS BROWN



FINISH - RUSTIC  
COLLECTION - ULTIMA COLLECTION  
RANDOM - 4 FACES

ENRICH SAND



FINISH - MATT  
COLLECTION - ULTIMA COLLECTION  
RANDOM - 8 FACES

DOUGLAS WENGUE



FINISH - RUSTIC  
COLLECTION - ULTIMA COLLECTION  
RANDOM - 4 FACES

**LUMINA 3D COLLECTION**  
60x60cm

## LUMINA 3D COLLECTION

Witness a seamless transition of your walls and floor with Lumina 3D collection tiles, which transform your space into a dazzling visual masterpiece. These meticulously designed tiles bring a touch of modern sophistication to your surroundings. With a blend of style and functionality, these tiles turn ordinary surfaces into extraordinary works of art.



Wall

**BELFORT BROWN**  
60X60cm  
HIGH GLOSS

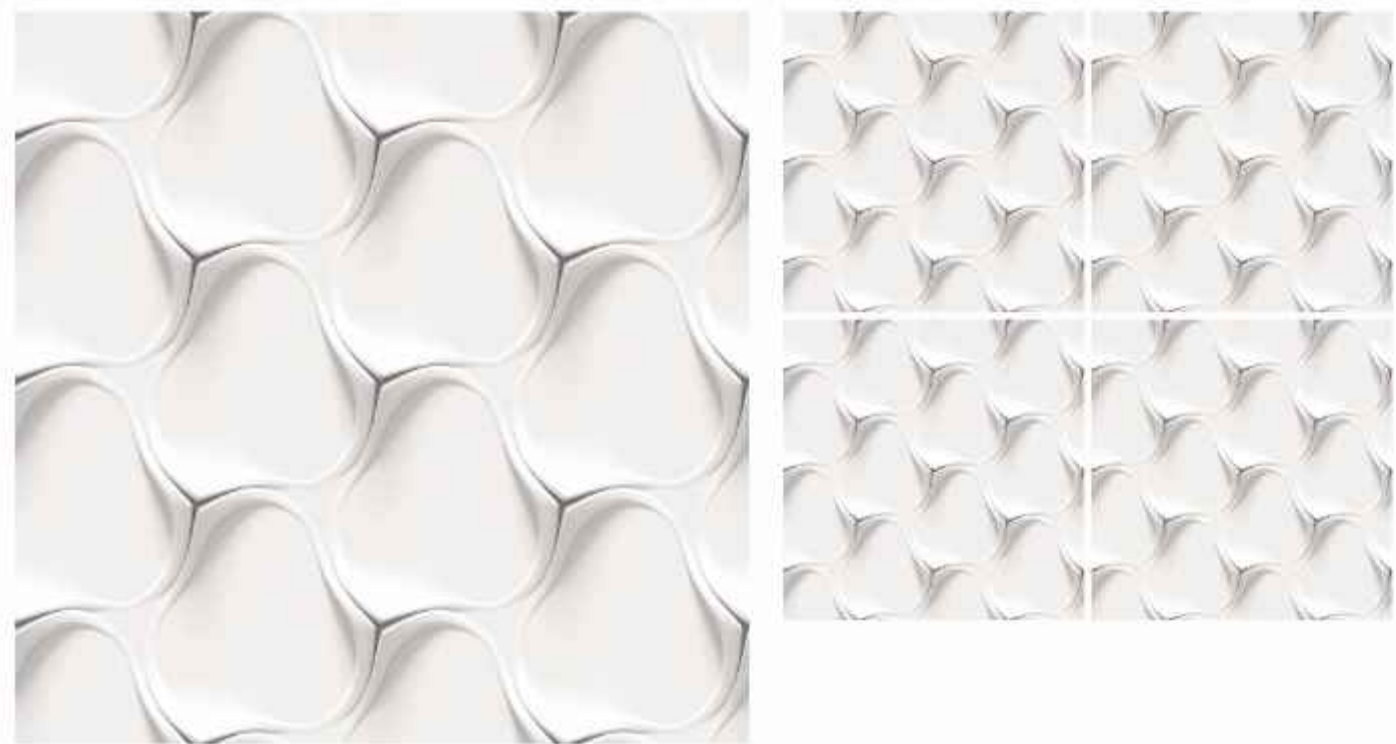
LUMINA 3D COLLECTION  
60x60cm

AYNA WHITE



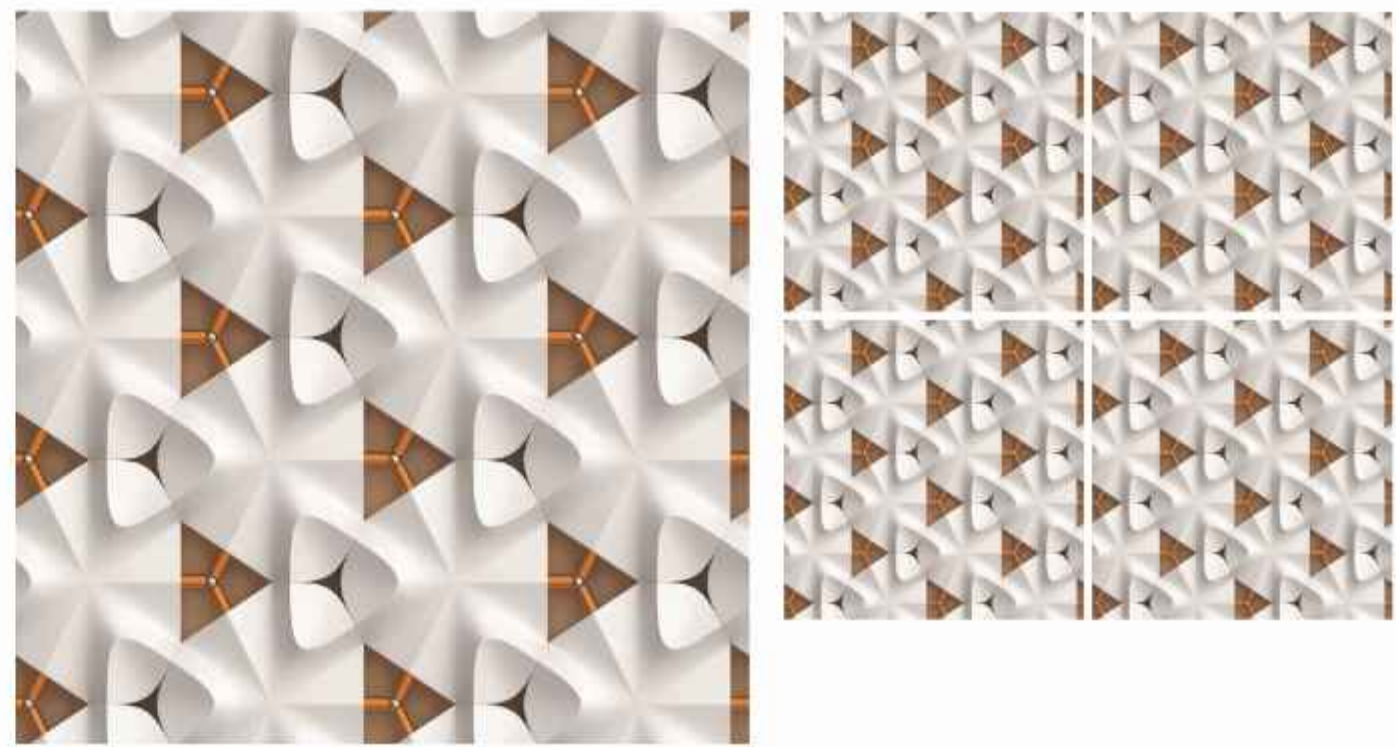
FINISH - HIGH GLOSS  
COLLECTION - LUMINA 3D COLLECTION  
RANDOM - 1 FACES

BALOK WHITE



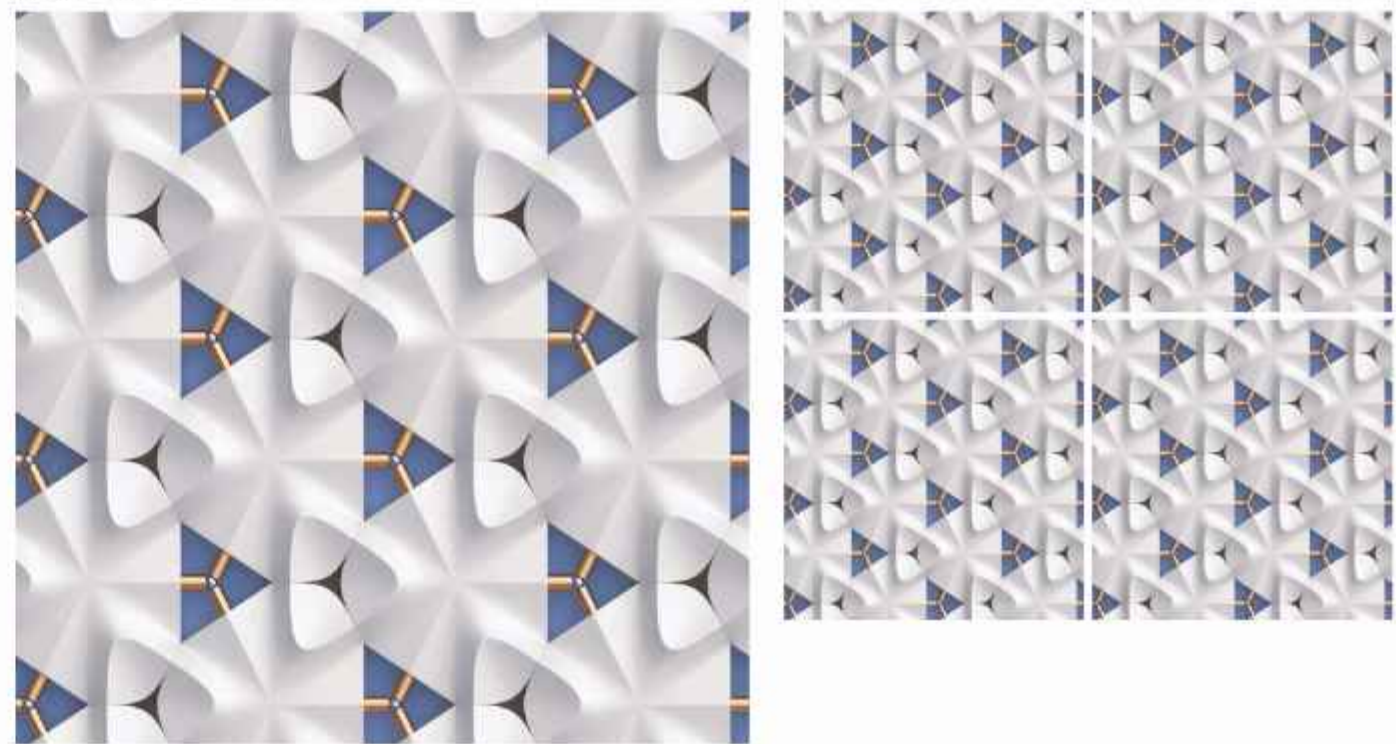
FINISH - HIGH GLOSS  
COLLECTION - LUMINA 3D COLLECTION  
RANDOM - 1 FACES

BELFORT BROWN



FINISH - HIGH GLOSS  
COLLECTION - LUMINA 3D COLLECTION  
RANDOM - 1 FACES

BELFORT CYNE

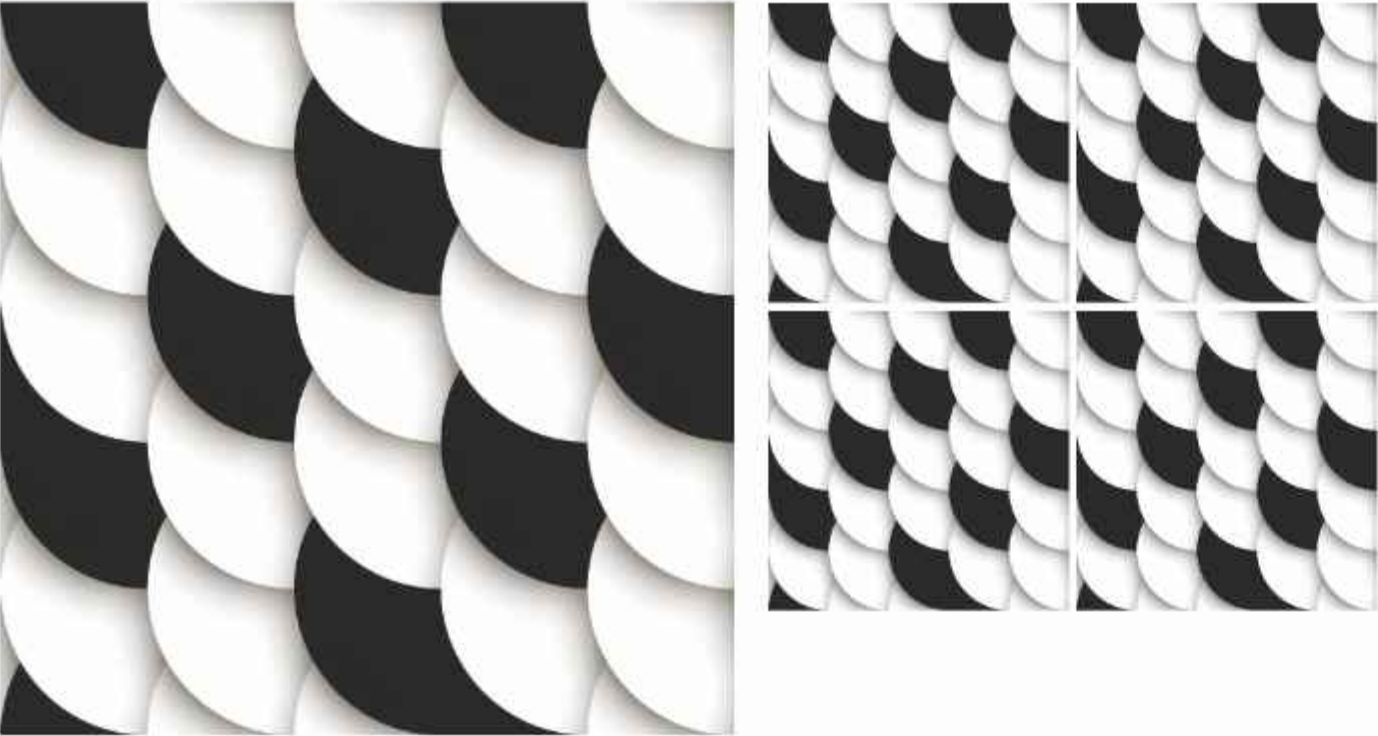


FINISH - HIGH GLOSS  
COLLECTION - LUMINA 3D COLLECTION  
RANDOM - 1 FACES



LUMINA 3D COLLECTION  
60x60cm

CARVENIA



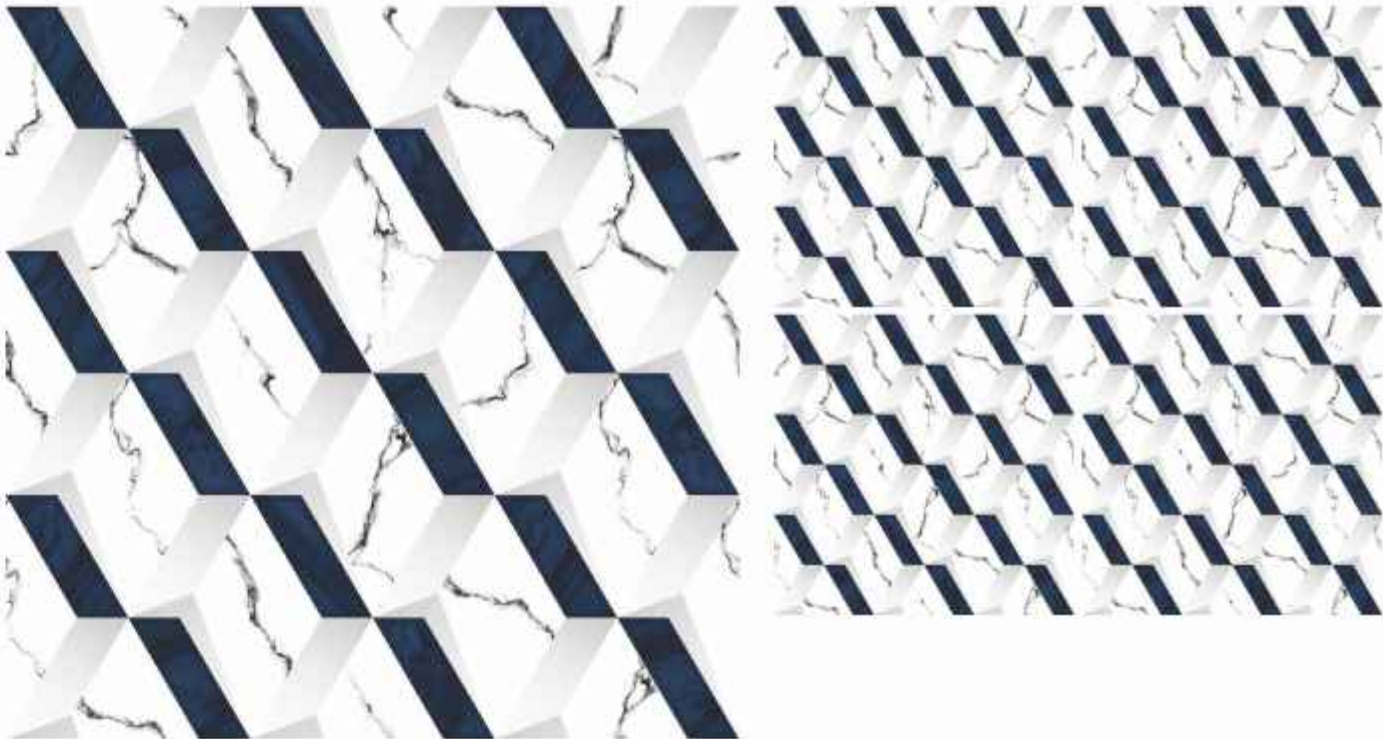
FINISH - HIGH GLOSS  
COLLECTION - LUMINA 3D COLLECTION  
RANDOM - 1 FACES

SQARDIA WHITE



CARVENIA

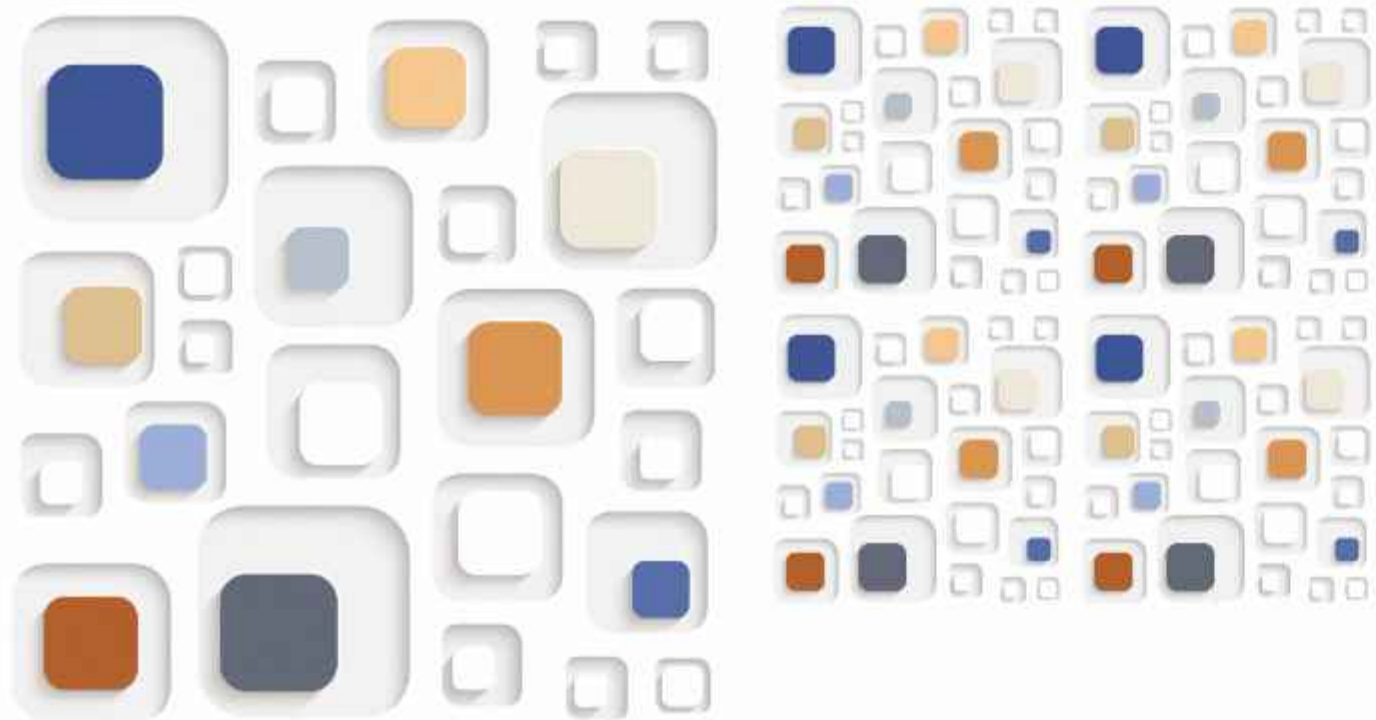
SQARDIA WHITE



FINISH - HIGH GLOSS  
COLLECTION - LUMINA 3D COLLECTION  
RANDOM - 1 FACES

LUMINA 3D COLLECTION  
60x60cm

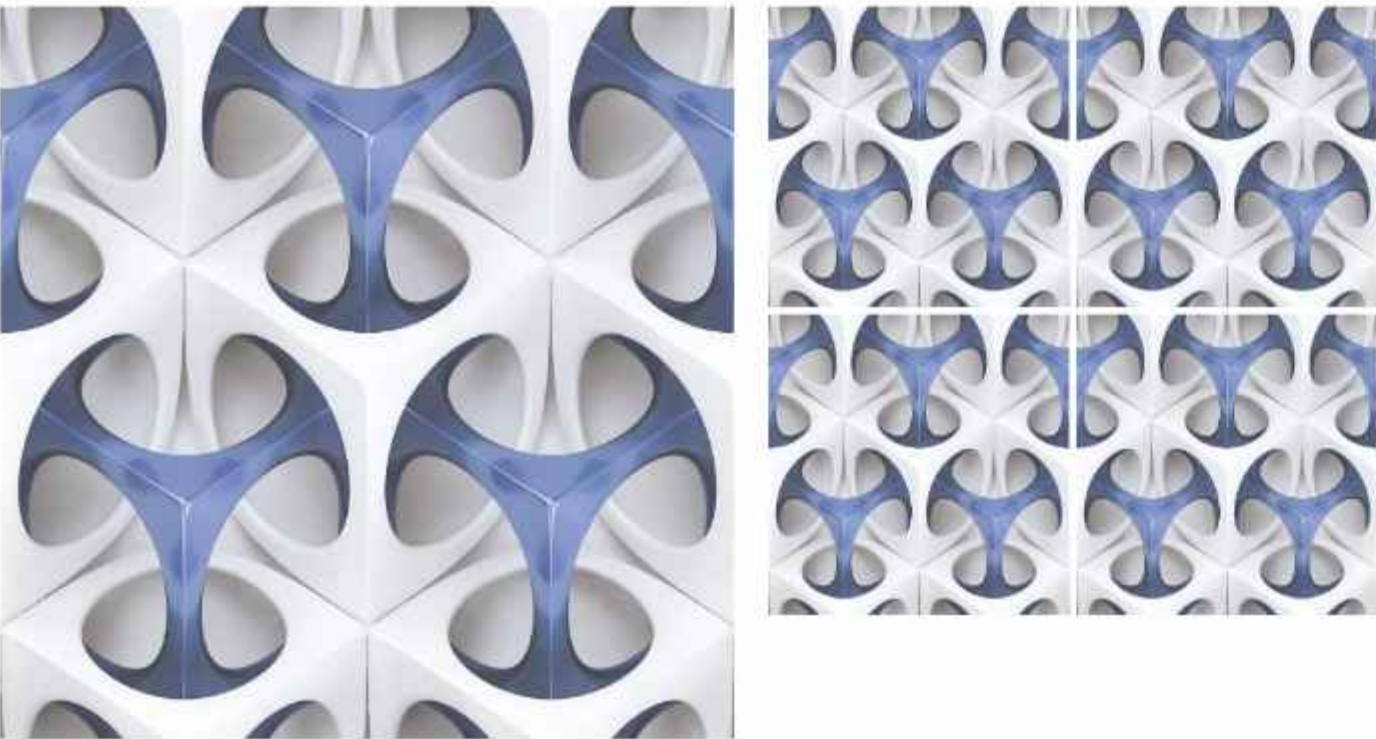
SWADISH MIX



FINISH  
COLLECTION  
RANDOM

- HIGH GLOSS
- LUMINA 3D COLLECTION
- 1 FACES

PRESTIJ



FINISH  
COLLECTION  
RANDOM

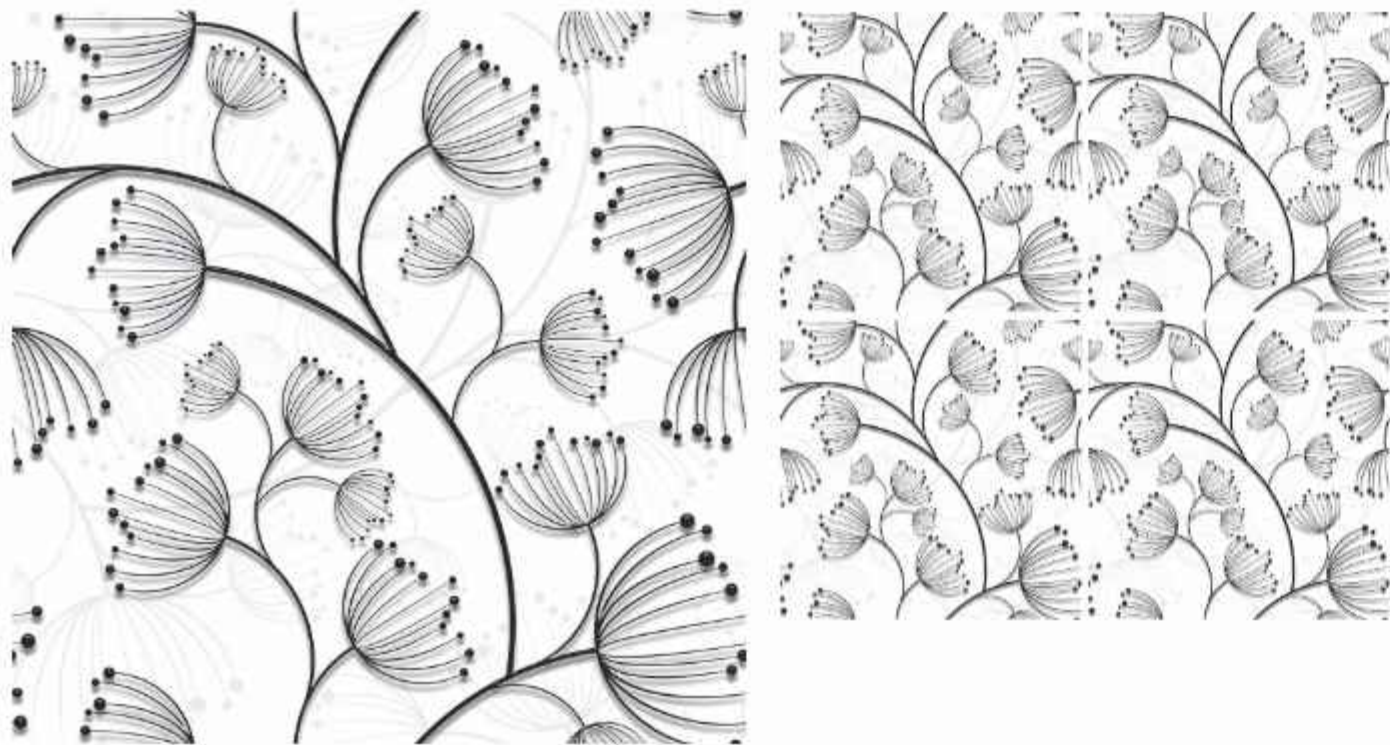
- HIGH GLOSS
- LUMINA 3D COLLECTION
- 1 FACES

PRESTIJ



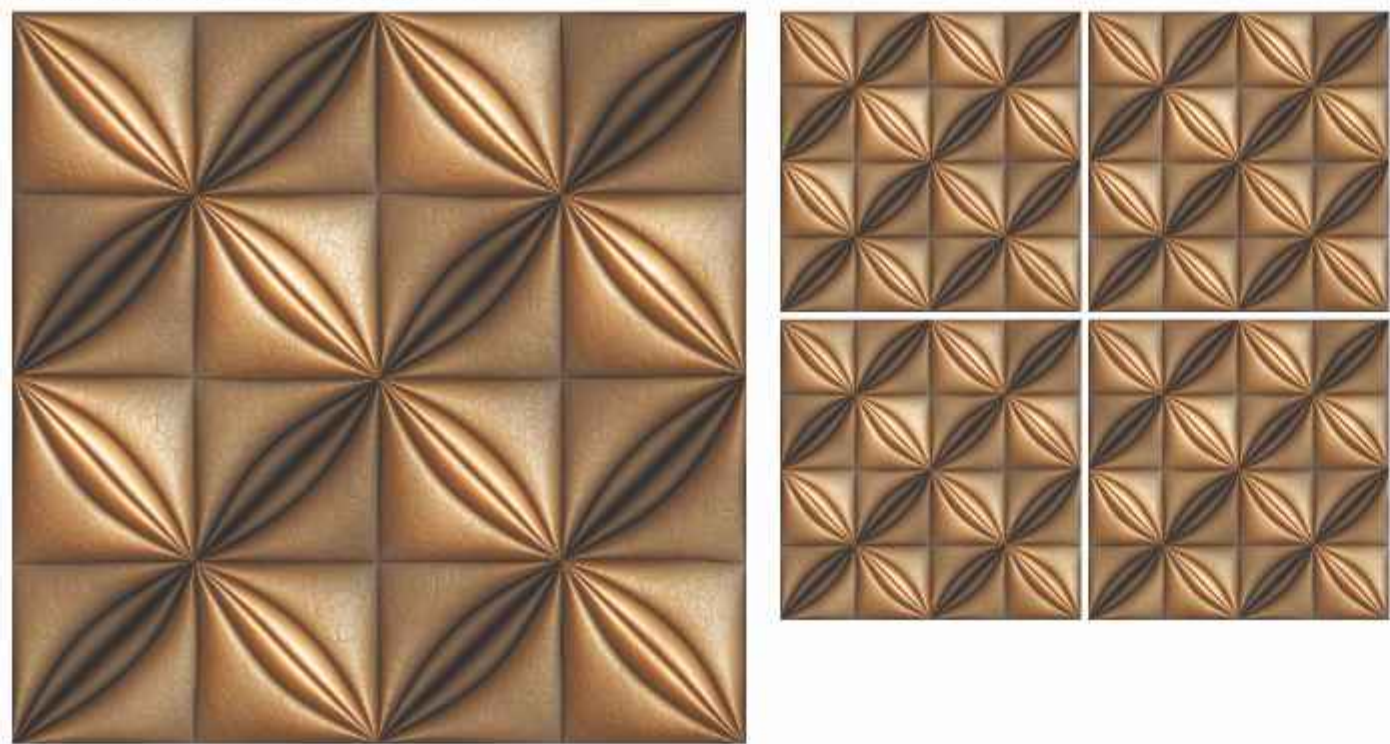
LUMINA 3D COLLECTION  
60x60cm

HAZEL WHITE



FINISH - HIGH GLOSS  
COLLECTION - LUMINA 3D COLLECTION  
RANDOM - 1 FACES

REXINE BROWN DECORE



FINISH - HIGH GLOSS  
COLLECTION - LUMINA 3D COLLECTION  
RANDOM - 1 FACES

URBICO WHITE



URBICO WHITE

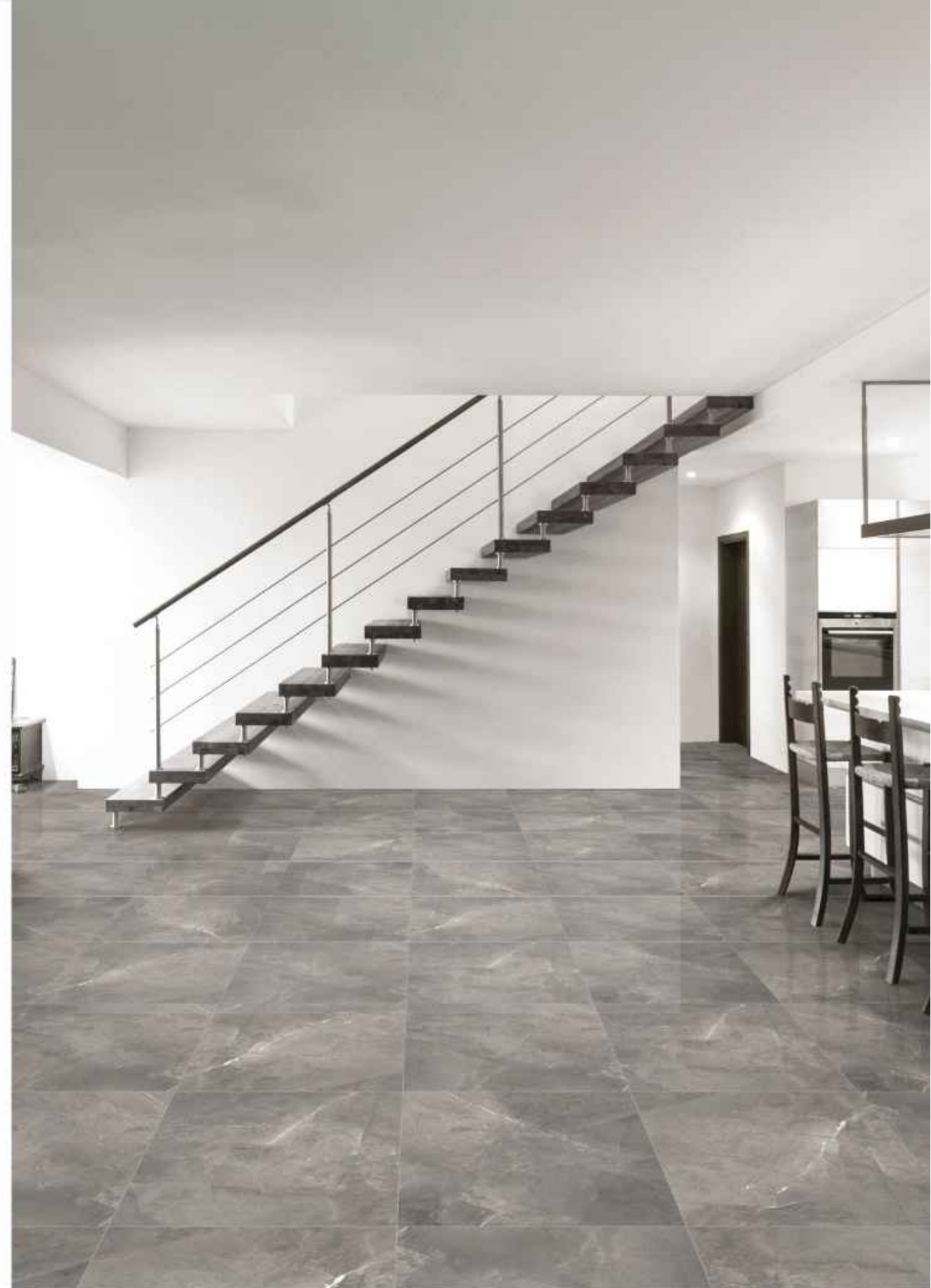


FINISH - HIGH GLOSS  
COLLECTION - LUMINA 3D COLLECTION  
RANDOM - 1 FACES

**EXPRESS COLLECTION**  
60x60cm

## EXPRESS COLLECTION

Whether you are revamping your space or any other area, tiles from the Express Collection are designed to withstand the test of time while offering a luxurious ambiance. Let these splendid 60x60cm tiles from the Express Collection redefine the way you experience your space.



Floor

ADOBE GRAFFITE  
60X60cm  
FINISH

**EXPRESS COLLECTION**  
60x60cm

**ADOBE BLANCO**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**ADOBE GRAFFITE**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**ADOBE GRAFFITE**



**FOSTER BLUE**



**FOSTER BLUE**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 8 FACES

**FOSTER BROWN**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 8 FACES

**EXPRESS COLLECTION**  
60x60cm

**CARARRA**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**CARARRA WHITE**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

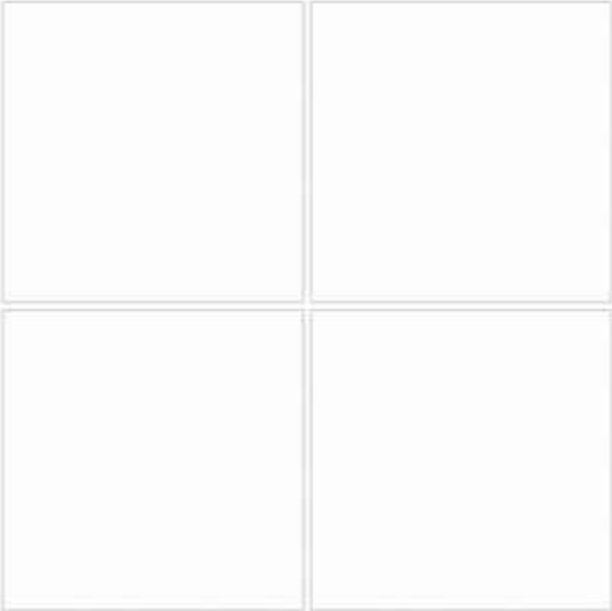
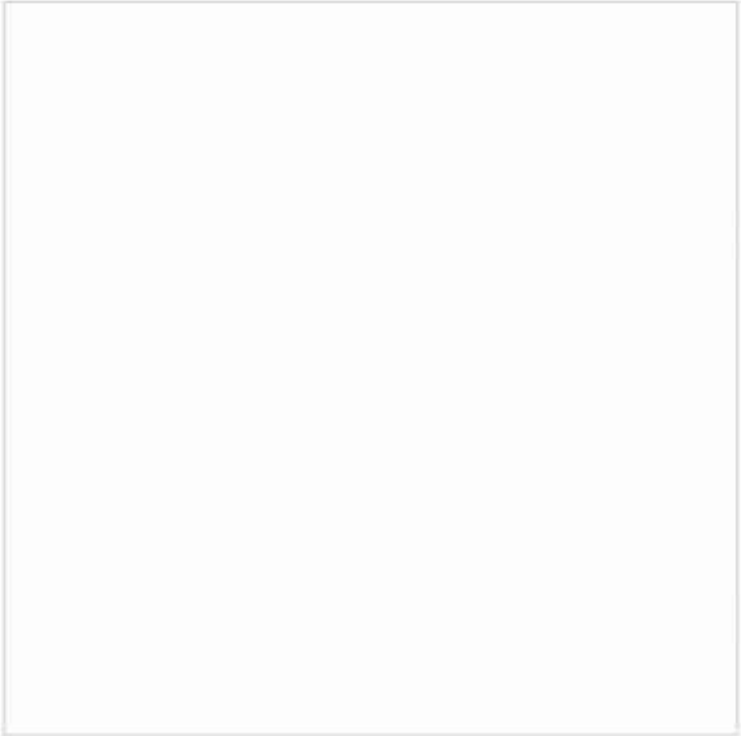
**CARARRA WHITE**



**D.G.WHITE**



**D.G.WHITE**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 1 FACES

**STATVARIO**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**EXPRESS COLLECTION**  
60x60cm

**ASTRAL WHITE**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 5 FACES

**EDER CREAM**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**EDER CREAM**



**EXPRESS COLLECTION**  
60x60cm

**FUMA WHITE**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 1 FACE

**FUMA WHITE**



**HELIX BLANCO**



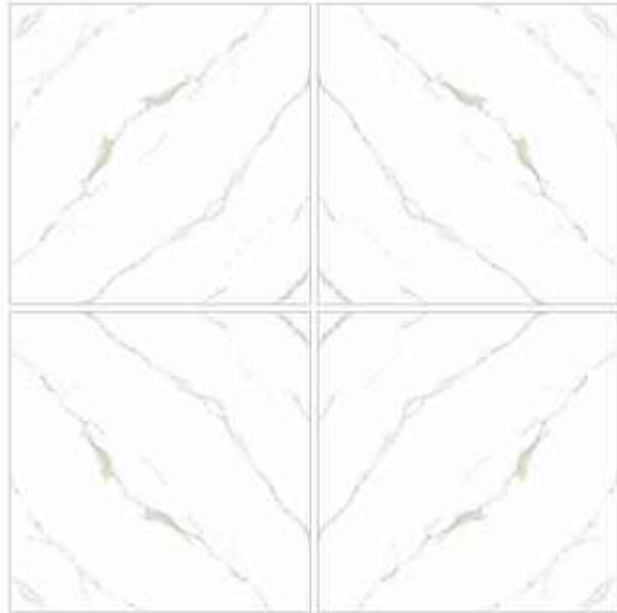
**HELIX BLANCO**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 10 FACES

**EXPRESS COLLECTION**  
60x60cm

**GLITZ CARARRA LUVANTO**



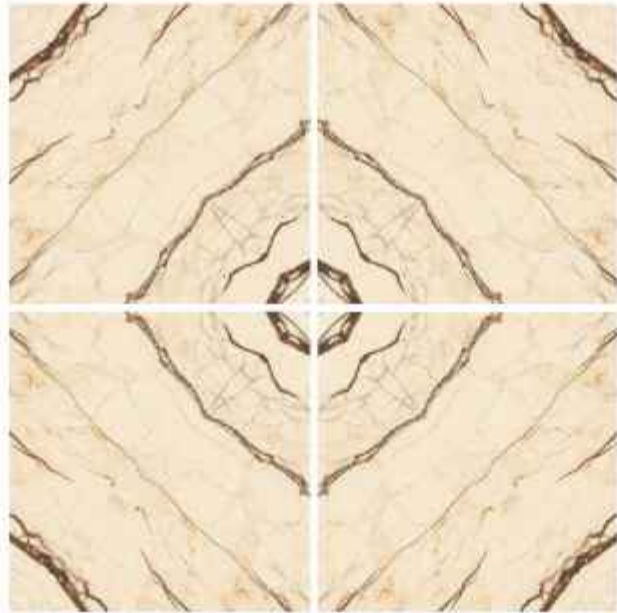
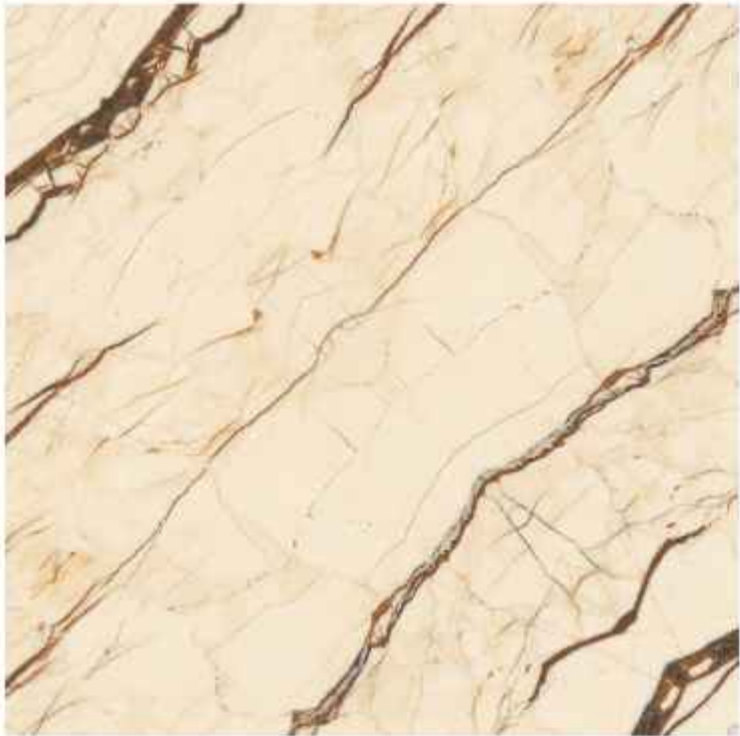
FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 1 FACE

**GLITZ PARADISE MIX**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 1 FACE

**GLITZ NIZIP BEIGE**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 1 FACE

**LASTER WHITE**

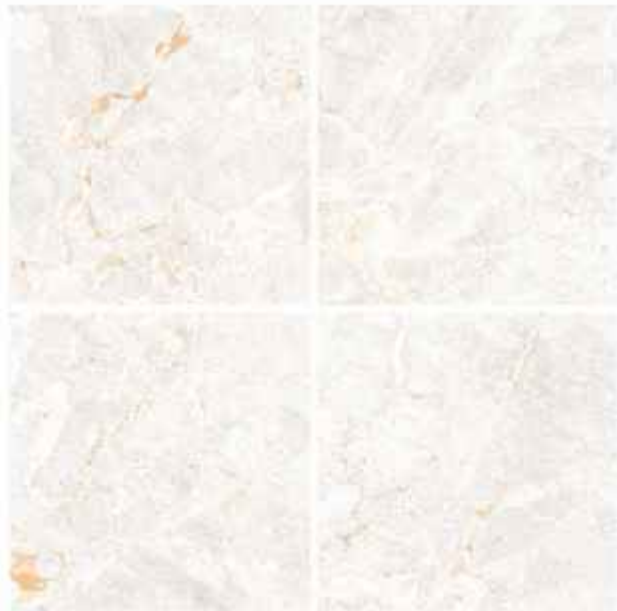


FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 6 FACES



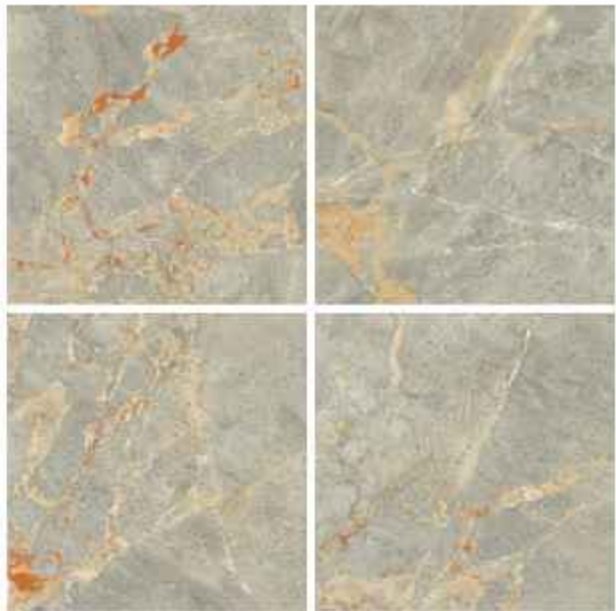
**EXPRESS COLLECTION**  
60x60cm

**LIZARD BLANCO**



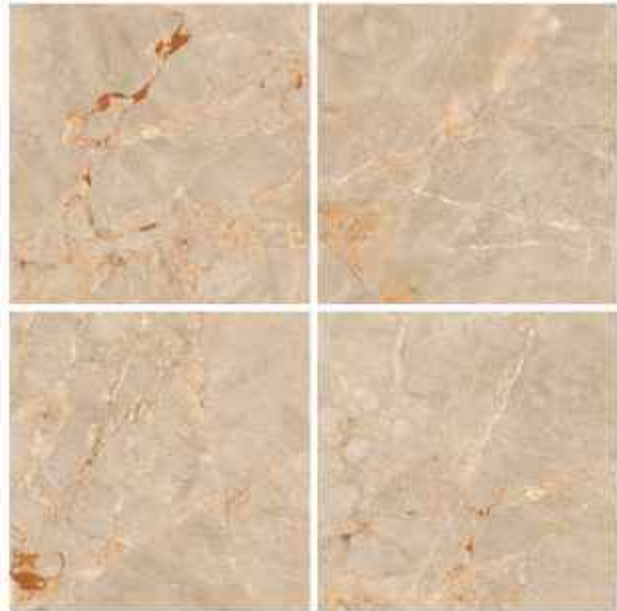
FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**LIZARD GREEN**



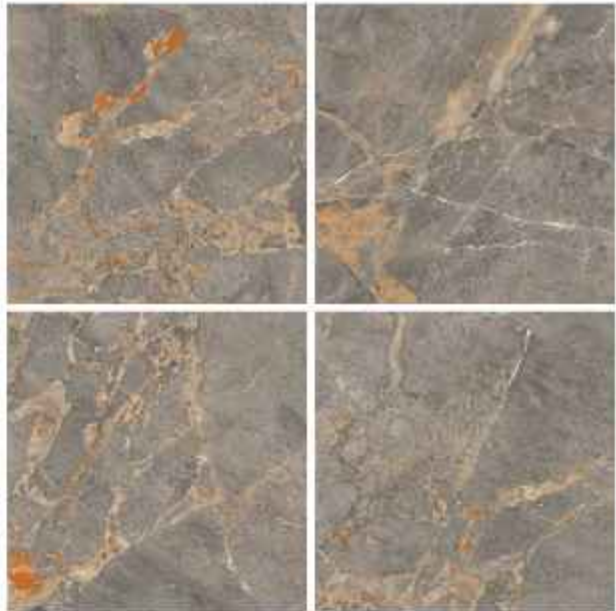
FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**LIZARD SAND**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**LIZARD NOIR**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**EXPRESS COLLECTION**  
60x60cm

**LIZARD NOIR**



**EXPRESS COLLECTION**  
60x60cm

**OCTIVIA WHITE A&B**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - BOOKMATCH

**ODA BEIGE**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 6 FACES

**ODA BEIGE**



**EXPRESS COLLECTION**  
60x60cm

**OXFORD IVORY**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 3 FACES

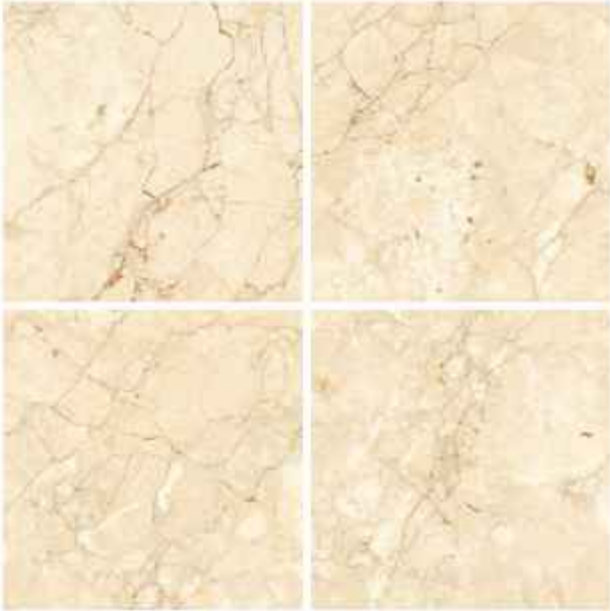
**TELER CREMA**



**OXFORD IVORY**



**TELER CREMA**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**EXPRESS COLLECTION**  
60x60cm

**RIGA BEIGE**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 6 FACES

**RIGA BROWN**



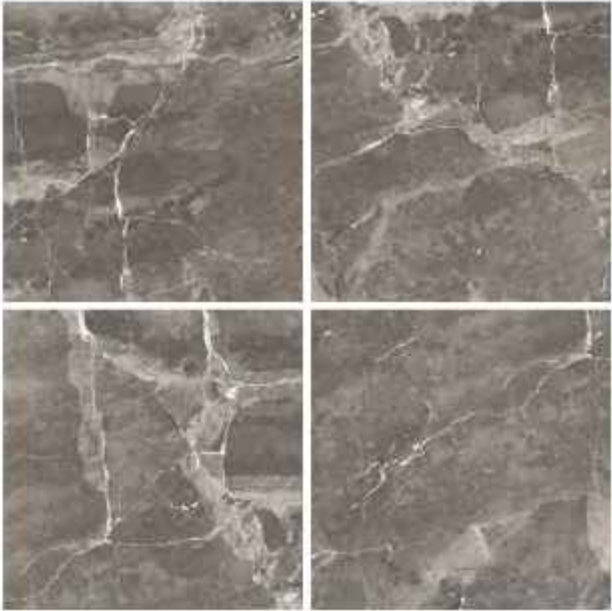
FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 6 FACES

**SOLTEN SILVER**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**SOLTEN NERO**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**EXPRESS COLLECTION**  
60x60cm

**RIGA BROWN**



**EXPRESS COLLECTION**  
60x60cm

**TRAVENTINO WHITE**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**VETICAN BLANCO**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 2 FACES

**TRAVENTINO ROYAL**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**VETICAN BLUE**



FINISH - GLOSSY  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 2 FACES



**EXPRESS COLLECTION**  
60x60cm

**ELAPSE BEIGE**



FINISH - MATT  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**ELAPSE TAUPE**



**ELAPSE BEIGE**



**ELAPSE TAUPE**



FINISH - MATT  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**EXPRESS COLLECTION**  
60x60cm

**ELAPSE WHITE**



FINISH - MATT  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**ELAPSE SAND**



FINISH - MATT  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**ELAPSE GREY**



**ELAPSE GREY**



FINISH - MATT  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**EXPRESS COLLECTION**  
60x60cm

**HIKE BEIGE**



FINISH - MATT  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**HIKE GREY**



FINISH - MATT  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**HIKE SANDAL**



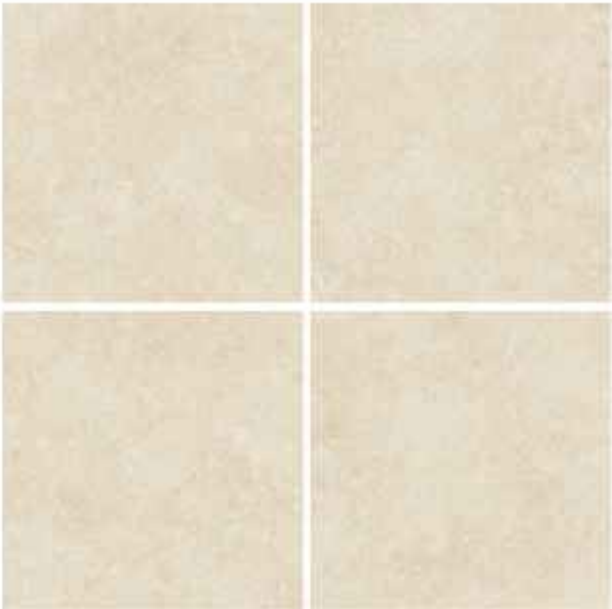
**HIKE SANDAL**



FINISH - MATT  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

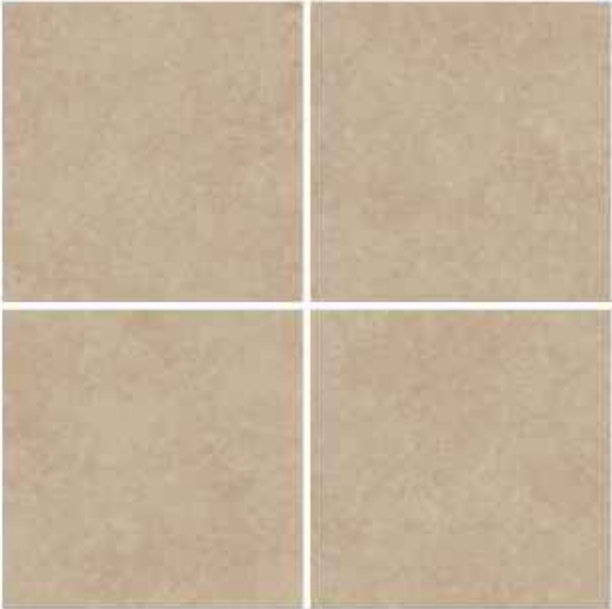
**EXPRESS COLLECTION**  
60x60cm

**MURETTI BEIGE**



FINISH - MATT  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**MURETTI SAND**



FINISH - MATT  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**MURETTI BEIGE & MURETTI SAND**

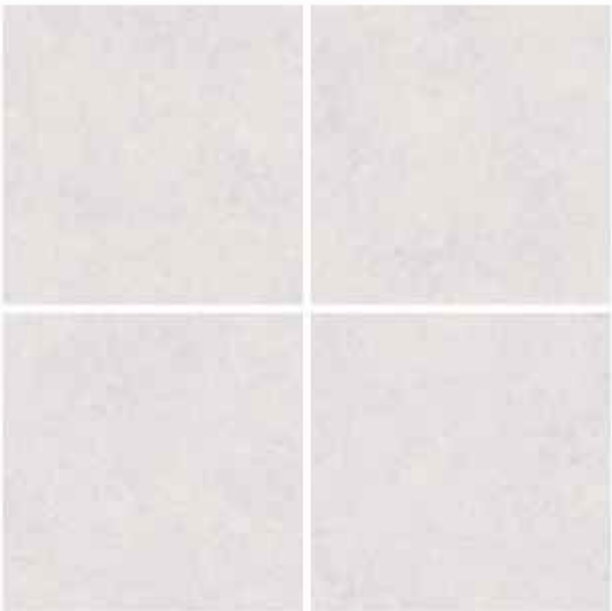
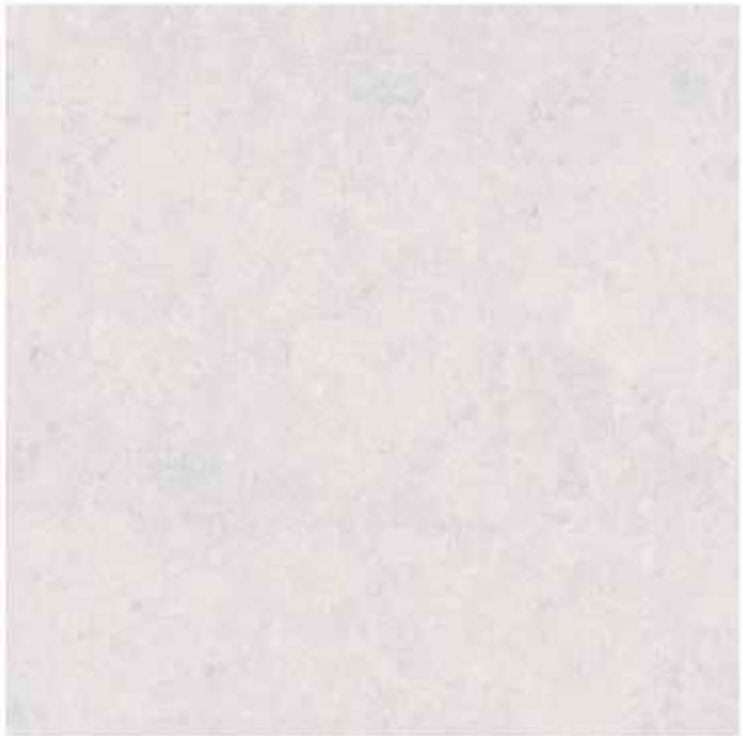


**EXPRESS COLLECTION**  
60x60cm

**MURETTI GRIGIO**



**MURETTI WHITE**



FINISH - MATT  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

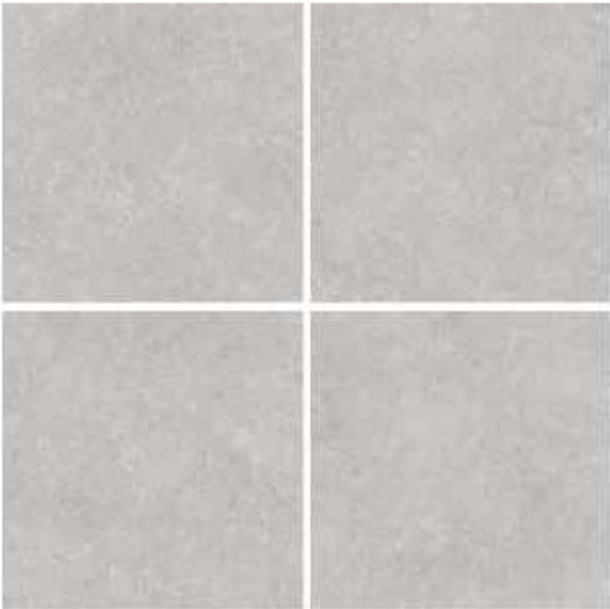
**MURETTI GRIGIO**



FINISH - MATT  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**EXPRESS COLLECTION**  
60x60cm

**MURETTI GREY**



FINISH - MATT  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**MURETTI NERO**



FINISH - MATT  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**MURETTI GREY**



**EXPRESS COLLECTION**  
60x60cm

**TOUCHWOOD BROWN**



**TOUCH WOOD BROWN**



FINISH - MATT  
COLLECTION - EXPRESS COLLECTION  
RANDOM - 4 FACES

**SUGAR COLLECTION**  
60x60cm

## SUGAR COLLECTION

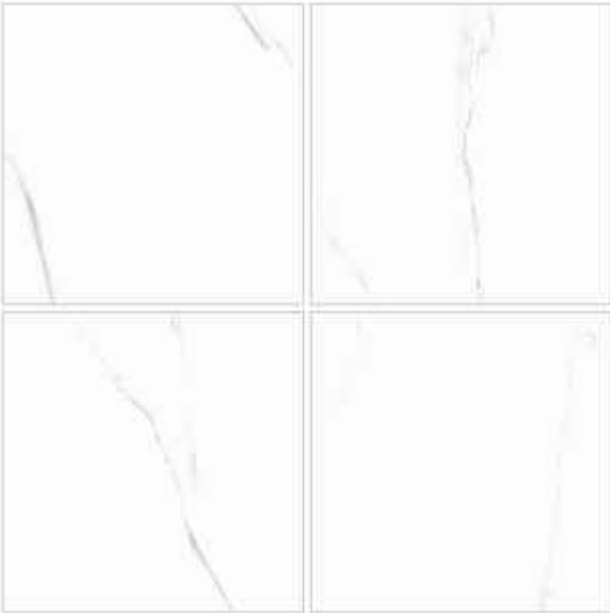
Allow your space to echo brilliance with tiles from Sugar Collection. The subtle, shiny and granular texture elevate your walls and floor to new level of sophistication. Further, the 60x60cm size adds grace to any room, creating a seamless blend of modern aesthetics and timeless charm.



Floor  
CALCATA BLANCO  
60X60cm  
SUGAR

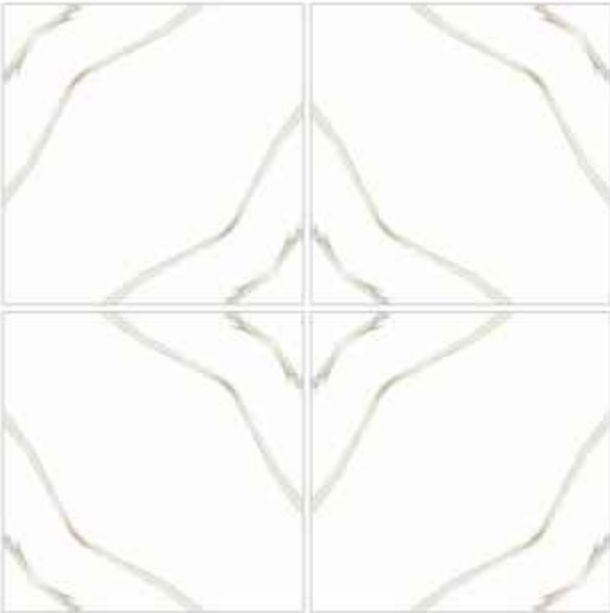
**SUGAR COLLECTION**  
60x60cm

**CALCATTÀ BLANCO**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 6 FACES

**CALCATTÀ LINO**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 1 FACE

**GRAFEN STATVARIO**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 4 FACES

**CARARRA LUVANTO**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 1 FACE

**SUGAR COLLECTION**  
60x60cm

**CALCATA BLANCO**



**SUGAR COLLECTION**  
60x60cm

**ASHVILA CREMA**



FINISH  
COLLECTION  
RANDOM

- SUGAR
- SUGAR COLLECTION
- 3 FACES

**DAINA CREMA**



FINISH  
COLLECTION  
RANDOM

- SUGAR
- SUGAR COLLECTION
- 6 FACES

**ASHVILA CREMA**



**SUGAR COLLECTION**  
60x60cm

**CLAROS BLANCO**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 4 FACES

**CLAROS PINE**



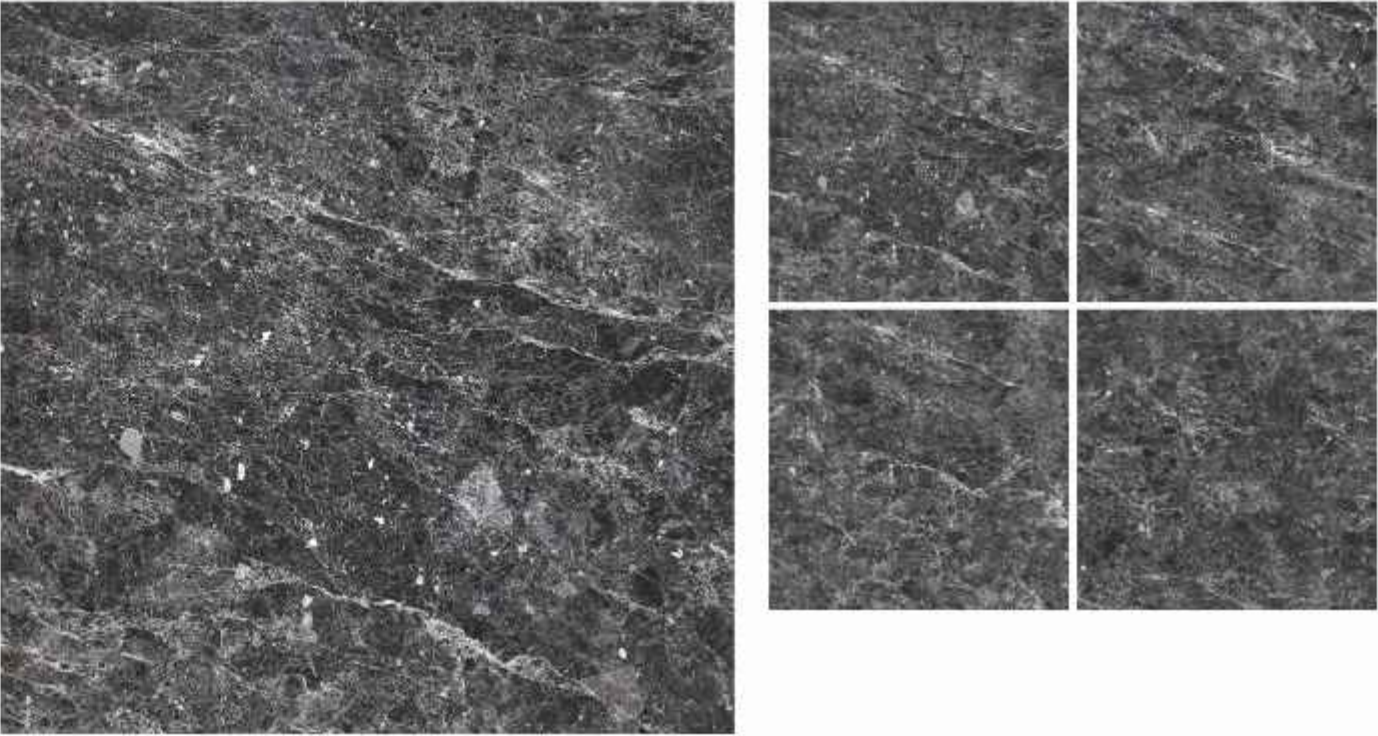
FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 4 FACES

**CLAROS BLUE**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 4 FACES

**CLAROS NERO**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 4 FACES

**SUGAR COLLECTION**  
60x60cm

**CLAROS BLUE**



**SUGAR COLLECTION**  
60x60cm

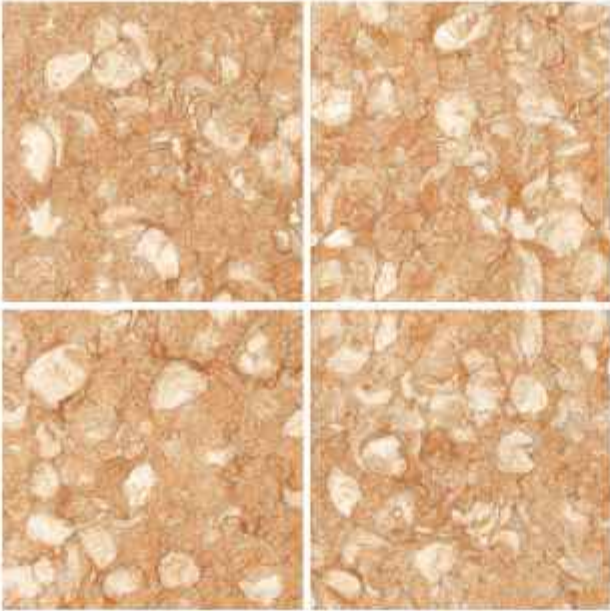
**BLOWOOD SANDAL**



FINISH  
COLLECTION  
RANDOM

- SUGAR
- SUGAR COLLECTION
- 6 FACES

**TIGAR BROWN**



FINISH  
COLLECTION  
RANDOM

- SUGAR
- SUGAR COLLECTION
- 10 FACES

**BLOWOOD SANDAL**



**SAMBA SANDAL**



**SAMBA IVORY**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 5 FACES

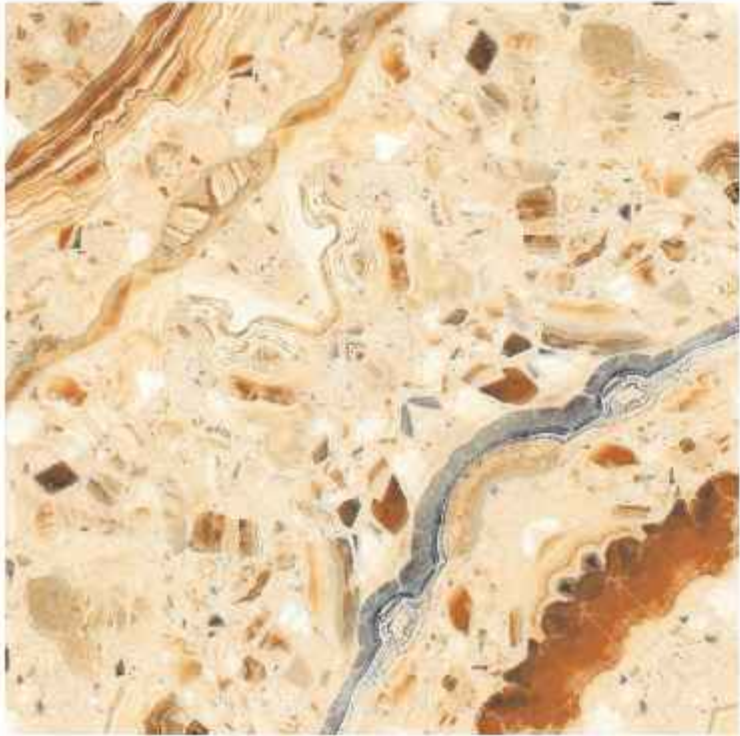
**SAMBA SANDAL**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 5 FACES

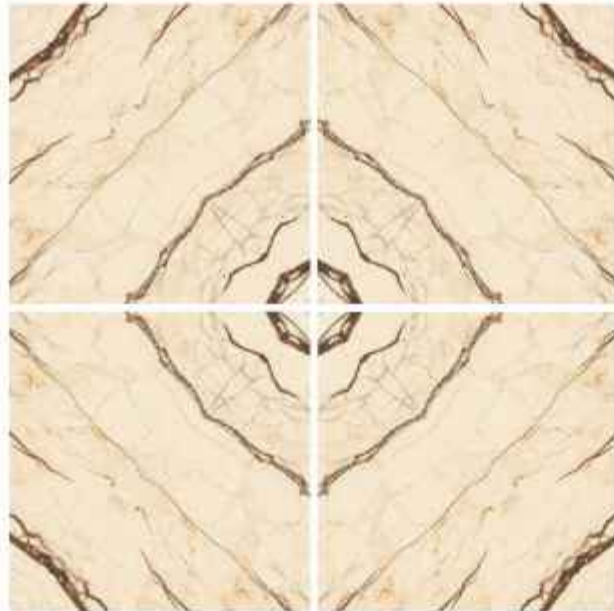
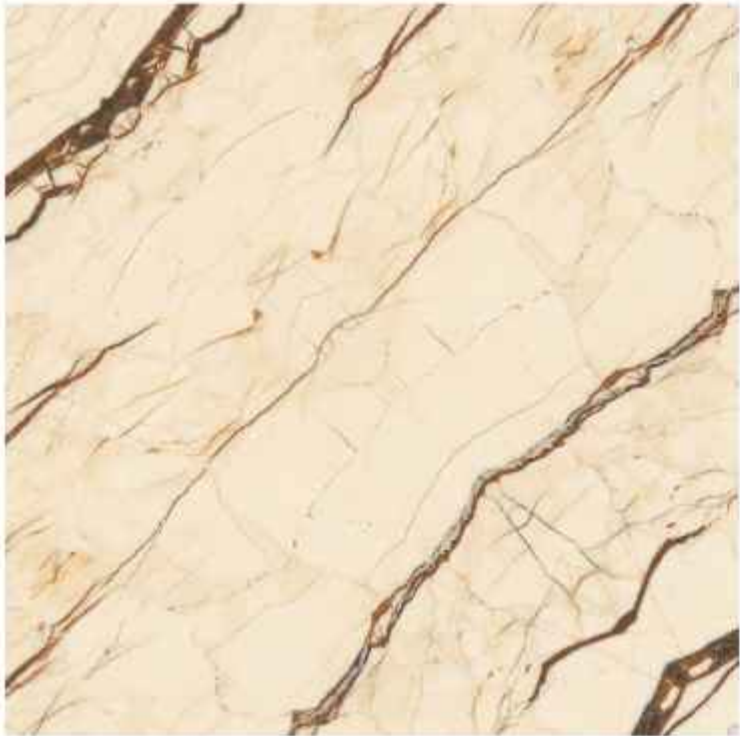
**SUGAR COLLECTION**  
60x60cm

**MOSAICO CHIPS BEIGE**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 1 FACE

**NIZIP BEIGE**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 1 FACE

**PARADISE MIX**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 1 FACE

**PIRATES BEIGE**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 1 FACE

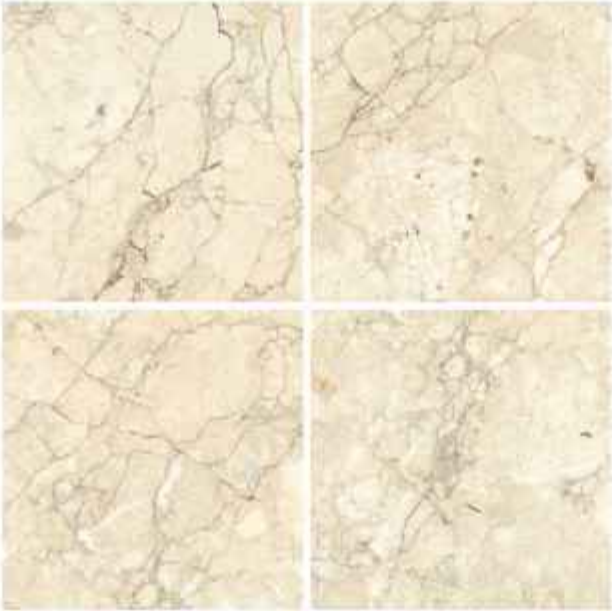
**SUGAR COLLECTION**  
60x60cm

**RIGA CREMA**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 6 FACES

**TELER BEIGE**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 4 FACES

**STATVARIO WHITE**



**STATVARIO WHITE**



FINISH - SUGAR  
COLLECTION - SUGAR COLLECTION  
RANDOM - 4 FACES

**SUGAR COLLECTION**  
60x60cm

**WINTER WOOD AQUA**



FINISH  
COLLECTION  
RANDOM

- SUGAR
- SUGAR COLLECTION
- 6 FACES

**WINTER WOOD AMBER**



FINISH  
COLLECTION  
RANDOM

- SUGAR
- SUGAR COLLECTION
- 6 FACES

**TRAVERTINE SANDY**



**TRAVERTINE SANDY**



FINISH  
COLLECTION  
RANDOM

- SUGAR
- SUGAR COLLECTION
- 6 FACES

SUGAR COLLECTION  
60x60cm

SELVANTO GRIS



FINISH  
COLLECTION  
RANDOM

- SUGAR
- SUGAR COLLECTION
- 8 FACES

TRIPWOOD SANDAL



FINISH  
COLLECTION  
RANDOM

- SUGAR
- SUGAR COLLECTION
- 1 FACE

TRIPWOOD SANDAL



## TECHNICAL SPECIFICATION FOR GVT / PGVT

| SR. NO.                                                                       | CHARACTERISTICS                                                             | IS 15622:2017<br>GROUP BIA E ≤ 0.08                  | ISO 13006:2018<br>GROUP BIA EV ≤ 0.5 %               | EN 14411:2016<br>GROUP BIA EV ≤ 0.5 %                | TEST METHOD                          | SUNHEART VALUE                                       |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------------------------|
| <b>A - DIMENSION &amp; SURFACE QUALITY (WHICH EVER IS LESS IS APPLICABLE)</b> |                                                                             |                                                      |                                                      |                                                      |                                      |                                                      |
| i                                                                             | Length & Width                                                              | ±0.1%                                                | ± 0.3% OR ± 1.0 mm                                   | ± 0.6% OR ± 2.0 mm                                   | ISO 10545 - 2<br>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                                                                            | Rectangularity                                                              | ±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>B - PHYSICAL PROPERTIES</b>                                                |                                                                             |                                                      |                                                      |                                                      |                                      |                                                      |
| i                                                                             | Water Absorption                                                            | <0.08% Ind Max 0.1%                                  | <0.5% Ind Max 0.6%                                   | <0.5% Ind Max 0.6%                                   | ISO 10545-3<br>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<br>IS 13630 ( Part 6 )   | >35                                                  |
| iii                                                                           | Breaking Strength In N                                                      | 700 for < 7.5mm T<br>1300 for ≥ 7.5mm T              | 700 for < 7.5mm T<br>1300 for ≥ 7.5mm T              | 700 for < 7.5mm T<br>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<br>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<br>IS 13630 ( Part 11 )  | Min Class 3 for PGVT                                 |
|                                                                               | Resistance To Deep Abrasion Of Unglazed Tiles (volume Removed In Mm³)       | Max-140                                              | Max -175                                             | Max -175                                             | ISO 10545-6<br>IS 13630 ( Part 12 )  |                                                      |
| vi                                                                            | Coefficient Of Linear Thermal Expansion From Emblant 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<br>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<br>IS 13630 (Part 5)     | 10 cycle Passed                                      |
| viii                                                                          | Crazing Resistance                                                          | 4 cycle                                              | 2 Cycle ( @ 5 bar )                                  | 2 Cycle ( @ 5 bar )                                  | ISO 10545-11<br>IS 13630 (Part 9)    | 4 cycle passed                                       |
| ix                                                                            | Frost Resistance                                                            | 100 Cycle                                            | Required                                             | Required                                             | ISO 10545-12<br>IS 13630 (Part-10)   | Passed                                               |
| x                                                                             | Impact Resistance                                                           | 0.55                                                 | 0.55                                                 | 0.55                                                 | ISO 10545-5<br>IS 13630 (Part 14)    | >0.55                                                |
| xi                                                                            | Bulk Density                                                                | Min 2.2                                              |                                                      |                                                      | ISO 10545-3<br>IS 13630 (Part 2)     | 2.2 gm/cc.min                                        |
| <b>C - CHEMICAL PROPERTIES</b>                                                |                                                                             |                                                      |                                                      |                                                      |                                      |                                                      |
| i                                                                             | Stain Resistance                                                            | Min Class I                                          | Min Class 3                                          | Min Class 3                                          | ISO 10545-14<br>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<br>IS 13630 (Part 8)    | Class A( A5 per ISO )                                |
| iii                                                                           | Resistance To Acid And Alkalies                                             |                                                      | Decleared Value                                      | Decleared Value                                      | ISO 10545-13<br>IS 13630 (Part 8)    | Class A                                              |

## PACKING DETAILS

| SIZE    | PIECES / BOX | COVERAGE AREA / BOX |              | WEIGHT / BOX     |
|---------|--------------|---------------------|--------------|------------------|
| 60x60cm | 4            | 15.50 sq. ft.       | 1.44 sq. mtr | 25.5 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 II/Class IV.

# SUNHEART CERAMIK

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