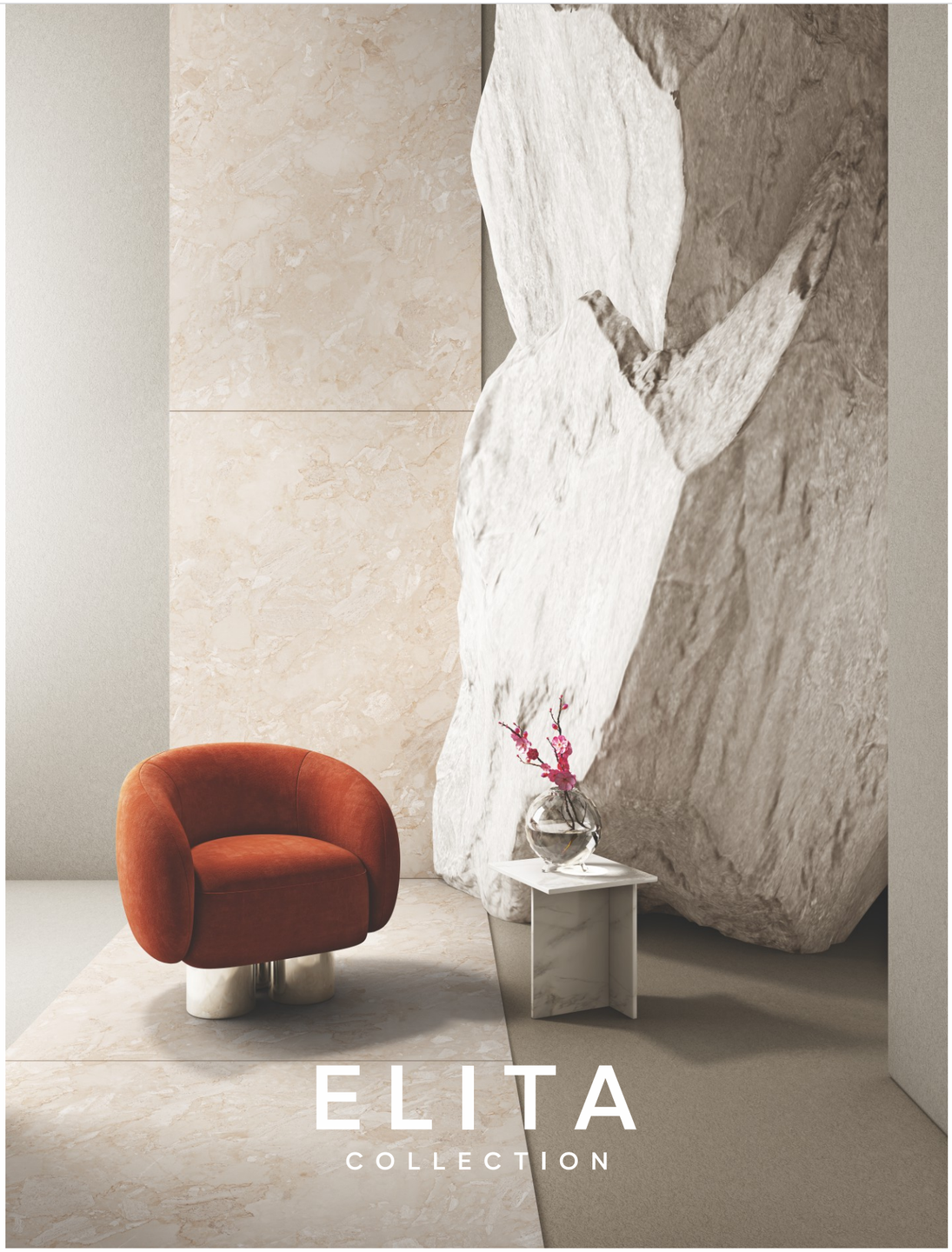


SOMANY

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COVER9ine / ELITA / CATALOGUE / JAN 2026



# Timeless Marbles, Perfected

There are some materials the world never tires of. They speak not of trends, but of time. Marble is one such muse. In the Somany Elita collection, we have brought this timeless beauty to life with a new voice. This collection is a tribute to classical luxury, now reimagined for the modern world. Every design captures the soul of the stone, yet goes beyond it by being reborn through state-of-the-art tile engineering.

09 Designs

05 Sizes

04 Surfaces

06 Accent Designs

## GLAZED VITRIFIED TILES

| | | |
|---|---|---|
| SIZES | 1200x2400mm | 48"x96" |
| | 1200x1800mm | 48"x71" |
| | 600x1200mm | 24"x48" |
| | 75x300mm | 3"x12" |
| | 200x200mm | 8"x8" |

| | |
|---|---|
| SURFACES | Lux Surface |
| | Quilltouch with Glam Effect |
| | Velvetouch Surface |
| | Lux with Intrica Effect |

| | |
|---|---|
| THICKNESS | 9mm |



### Lux Surface

Reflecting refined elegance, the Lux surface brings a subtle-sheen finish that's both luxurious and functional.



### Quilltouch with Glam Effect

The Quilltouch surface with Glam Effect offers unrivaled smoothness, paired with a non-reflective surface and subtle carving details, making every tile a statement.



### Velvetouch Surface

Soft to the touch yet highly functional, the Velvetouch surface offers a matt functionality paired with a soft and luxurious aesthetic.



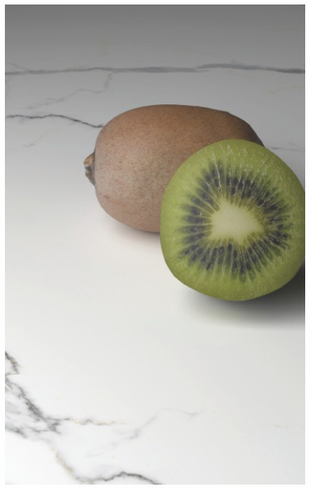
### Lux with Intrica Effect

A visual depth that mimics the layered character of natural stone in a modern context and details. The Lux with Intrica Effect features intricate carvings, bringing dramatic flair to surfaces.



# Ultimate Solution

Somany Elita Collection seamlessly blends the aesthetics of natural stone with advanced technology, offering surfaces that are not only visually stunning but also exceptionally functional. The collection features tiles with cutting-edge properties, including stain resistance, near-zero porosity, and low-maintenance properties, providing the ultimate solution for modern spaces.



## Food Safe

Hygiene meets high design featuring food-safe tiles. The surfaces are non-toxic, non-porous, and easy to clean, ensuring they remain free of germs, odors, and chemical leaching.



## Durable

Built to last, Elita tiles withstand the rigors of everyday life. Whether under heavy load or accidental blows, these tiles retain their brilliance and structure, offering unmatched longevity.



## Sustainable

Crafted with sustainability in mind, Elita tiles are made using eco-conscious materials and processes. The collection supports a greener future with easy-to-recycle tiles that leave a smaller carbon footprint.

## Application Areas

- RESTAURANTS
- RETAIL MALLS
- SPA & WELLNESS
- RESIDENTIAL AREAS
- LIVING SPACES
- FITTED KITCHENS & BATHROOMS
- AIRPORTS
- HOTELS
- SHOPS
- OFFICES
- MUSEUMS
- SHOWROOMS

## Technical Features

- SUITABLE FOR INDOORS & OUTDOORS
- HIGHLY UV RESISTANT
- FIRE & HEAT RESISTANT
- SCRATCH RESISTANT
- THERMAL SHOCK RESISTANT
- HYGIENIC SURFACE
- STAIN RESISTANT
- EASY TO CLEAN
- FROST RESISTANT
- CHEMICAL RESISTANT

# Elita Collection

## Onyx Crystallo



1200x1800mm
Lux, Velvetouch

600x1200mm
Intrica Effect

## Antigua Onyx



1200x1800mm
Lux, Velvetouch

600x1200mm
Intrica Effect

## Citadel Ivory



1200x2400mm, 1200x1800mm
Lux, Quillglam

600x1200mm
Intrica Effect

## Antiqa Breccia



1200x1800mm
Lux, Velvetouch

600x1200mm
Intrica Effect

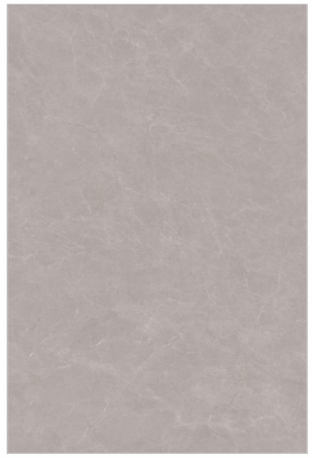
## Romano Pearl



1200x2400mm, 1200x1800mm
Lux, Quillglam

600x1200mm
Intrica Effect

## Turkish Ash



1200x1800mm
Lux, Velvetouch

600x1200mm
Intrica Effect

## Statuario Branca



1200x2400mm, 1200x1800mm
Lux, Quillglam

600x1200mm
Intrica Effect

## Breccia Furossa



1200x2400mm, 1200x1800mm
Lux, Quillglam

600x1200mm
Intrica Effect

## Amazona Bruno



1200x2400mm, 1200x1800mm
Lux, Quillglam

600x1200mm
Intrica Effect

Scan for a virtual view



# Onyx Crystallo

Experience the rare allure of onyx reimagined in Onyx Crystallo. Each tile captures the glowing veining and layered depth of natural onyx, bringing ethereal light and elegance.





Floor: **Onyx Crystallo, 1200x1800mm**
Bed Backdrop Wall: **Blooming Cream, 200x200mm**

Floor: **Onyx Crystallo, 1200x1800mm**
Accent Wall: **Tegula Crystallo, 75x300mm**





Floor: **Onyx Crystallo, 1200x1800mm**
Accent Wall: **Tegula Crystallo, 75x300mm**

Bed Backdrop Wall: **Blooming Cream, 200x200mm**
Bathroom Wall: **Crystallo Reverb, 600x1200mm**

Scan for a
virtual view



# Antigua Onyx

A modern interpretation of classic onyx, Antigua Onyx blends creamy whites with the natural golden glow of the stone, evoking the feel of radiant and sunlit stones.



Accent Wall 1: **Tegula Crystallo, 75x300mm**
Accent Wall 2: **Blooming Cream, 200x200mm**

Floor: **Antigua Onyx, 1200x1800mm**





Reception Counter Side Wall: **Antigua Cube, 600x1200mm**
Reception Counter: **Miter Beige, 333x297**

Floor: **Antigua Onyx, 1200x1800mm**

Floor: **Antigua Onyx, 1200x1800mm**
Reception Area Wall: **Antigua Onyx, 1200x1800mm**
Reception Counter Side Wall: **Antigua Cube, 600x1200mm**

Accent Wall 1: **Tegula Crystallo, 75x300mm**
Accent Wall 2: **Blooming Cream, 200x200mm**
Reception Counter: **Miter Beige, 333x297mm**

Scan for a virtual view



# Citadel

# Ivory

The exclusive tile captures the soft ivory base and gentle mineral movement of natural stone in Citadel Ivory, bringing a serene and stately character to interiors.



Floor: **Citadel Ivory, 1200x1800mm**
Accent Floor: **Blooming Cream, 200x200mm**

Floor: **Citadel Ivory, 1200x1800mm**
Accent Wall: **Miter Beige, 333x297mm**





Floor: **Citadel Ivory, 1200x1800mm**
Wall: **Citadel Ivory, 1200x2400mm**
Feature Wall Behind Table: **Citadel Leaf, 600x1200mm**

Accent Wall: **Miter Beige, 333x297mm**
Product Display Counter: **Tegula Antiqa, 75x300mm**
Accent Floor: **Blooming Cream, 200x200mm**

Scan for a
virtual view



# Antiqa Breccia

A reinterpretation of ancient breccia stone, Antiqa Breccia offers bold, fragmented veining in sophisticated earth tones, ideal for your statement spaces and luxe interiors.





Accent Wall: **Antiqa Pixel, 600x1200mm**

Accent Wall: **Antiqa Pixel, 600x1200mm**
Reception Counter: **Tegula Citadel, 75x300mm**

Wall: **Antiqa Breccia, 1200x1800mm**






Floor: **Antiqa Breccia, 1200x1800mm**
Wall: **Antiqa Breccia, 1200x1800mm**

Accent Wall: **Antiqa Pixel, 600x1200mm**
Reception Counter: **Tegula Citadel, 75x300mm**

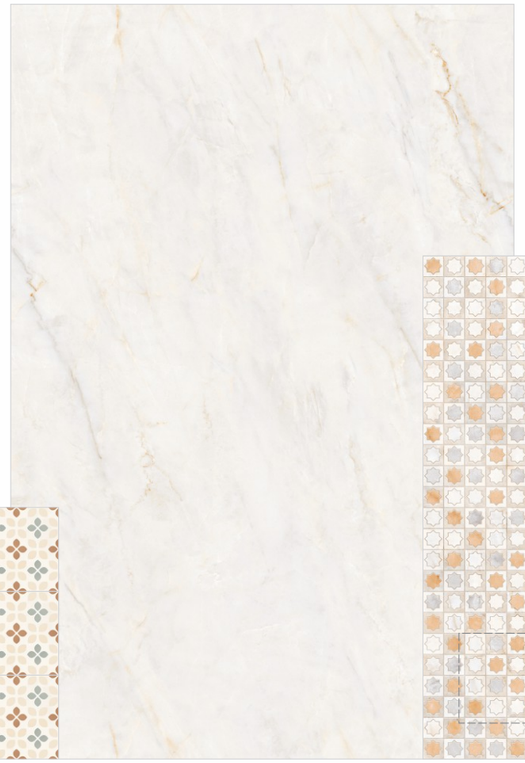
Scan for a
virtual view



2

Onyx Crystallo

1



Crystallo Reverb

2

Tegula
Crystallo



5

Blooming
Cream



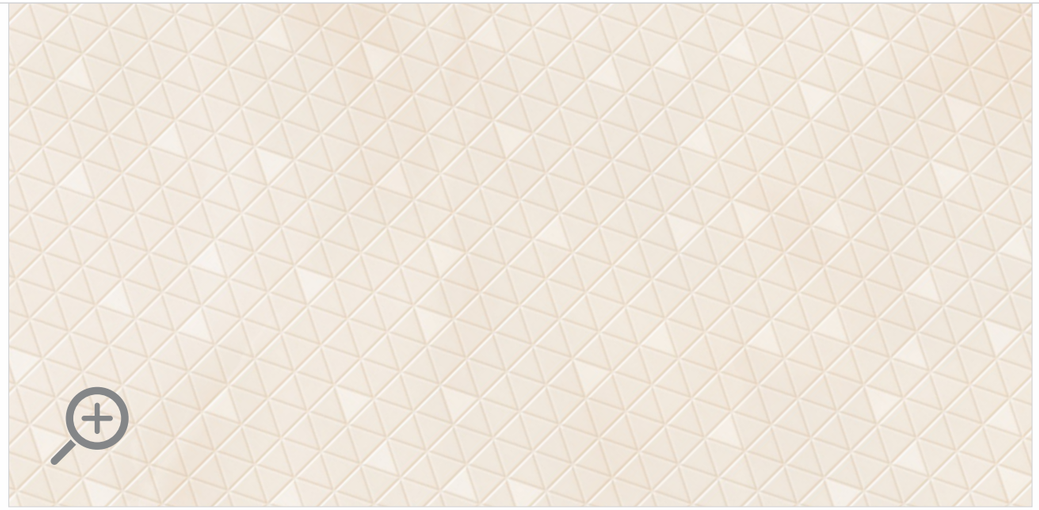
4

Miter
Beige



3

| No. | Sizes | Surfaces | Thickness | Randoms |
|---|---|---|---|---|
| 1 | 1200x1800mm | Lux, Velvetouch | 9mm | 4 |
| 2 | 600x1200mm | Intrica Effect | 9mm | 1 |
| 3 | 333x297mm | Lux, Velvetouch | 9mm | – |
| 4 | 200x200mm | Matt Carving | 9mm | 1 |
| 5 | 75x300mm | Glossy, Matt | 9mm | 16 |



2

Antigua Onyx

1



Antigua Cube

2

Tegula
Onyx



5

Blooming
Cream



4

Miter
Beige



3

| No. | Sizes | Surfaces | Thickness | Randoms |
|---|---|---|---|---|
| 1 | 1200x1800mm | Lux, Velvetouch | 9mm | 4 |
| 2 | 600x1200mm | Intrica Effect | 9mm | 5 |
| 3 | 333x297mm | Lux, Velvetouch | 9mm | – |
| 4 | 200x200mm | Matt Carving | 9mm | 1 |
| 5 | 75x300mm | Glossy, Matt | 9mm | 16 |



2

## Citadel Ivory



1

Citadel Leaf



2

Tegula
Citadel



5

Blooming
Cream



4

Miter
Beige



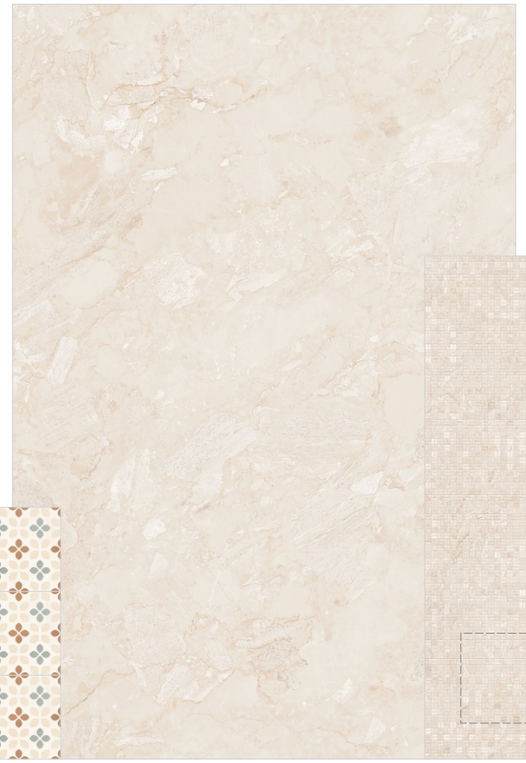
3

| No. | Sizes | Surfaces | Thickness | Randoms |
|---|---|---|---|---|
| 1 | 1200x2400mm, 1200x1800mm | Lux, Quillglam | 9mm | 3 |
| 2 | 600x1200mm | Intrica Effect | 9mm | 3 |
| 3 | 333x297mm | Lux, Velvetouch | 9mm | – |
| 4 | 200x200mm | Matt Carving | 9mm | 1 |
| 5 | 75x300mm | Glossy, Matt | 9mm | 16 |



2

## Antiqa Breccia



1

Antiqa Pixel



2

Tegula
Antiqa



5

Blooming
Cream



4

Miter
Beige



3

| No. | Sizes | Surfaces | Thickness | Randoms |
|---|---|---|---|---|
| 1 | 1200x1800mm | Lux, Velvetouch | 9mm | 4 |
| 2 | 600x1200mm | Intrica Effect | 9mm | 1 |
| 3 | 333x297mm | Lux, Velvetouch | 9mm | – |
| 4 | 200x200mm | Matt Carving | 9mm | 1 |
| 5 | 75x300mm | Glossy, Matt | 9mm | 16 |



# Romano Pearl

Delicate pearlescence meets intricate yet fine vein patterns in Romano Pearl, creating a refined backdrop that enhances light and space for understated luxury.





Accent Wall Left Side: **Romano Honeycomb, 600x1200mm**



Accent Wall Right Side: **Hexion Tan, 300X262mm**



Floor: **Romano Pearl, 1200x2400mm**
Accent Wall Front: **Tegula Romano, 75x300mm**

Accent Wall Right Side: **Romano Honeycomb, 600x1200mm**
Accent Wall Left Side: **Hexion Tan, 300X262mm**

Scan for a
virtual view



# Turkish Ash

Inspired by the red earth, the Turkish Ash features soft, red tones that mimic the rich mineral deposits. The natural warmth adds a quiet and confident charm to your spaces.





Accent Floor: **Turkish Ash, 1200x1800mm**

Accent Wall: **Tegula Romano, 75x300mm**

Floor: **Turkish Ash, 1200x1800mm**
Accent Floor: **Kaliedo Vintage, 200x200mm**

Accent Wall: **Tegula Romano, 75x300mm**



Floor: **Turkish Ash, 1200x1800mm**
Accent Floor: **Kaliedo Vintage, 200x200mm**

Backsplash Accent Wall: **Turkish Vortex, 600x1200mm**
Wall: **Romano Pearl, 1200x2400mm**
Accent Wall: **Tegula Romano, 75x300mm**

Scan for a virtual view





# Breccia Furossa

Rich in contrasting marble-like swirls and a warm colour tone, Breccia Furossa creates soft but striking and sculptural surfaces that draw the eye and define the room.





Accent Wall: **Breccia Furossa, 1200x2400mm**

Floor: **Breccia Furossa, 1200x2400mm**
Accent Floor: **Kaliedo Vintage, 200x200mm**

Reception Counter: **Tegula Furossa, 75x300mm**



Floor: **Breccia Furossa, 1200x2400mm**
Accent Floor: **Kaliedo Vintage, 200x200mm**

Wall: **Breccia Furossa, 1200x2400mm**
Accent Wall: **Hexion Tan, 300X262mm**
Reception Counter: **Tegula Furossa, 75x300mm**

Scan for a virtual view



# Amazona Bruno

Amazona Bruno channels the rich and earthy tones of tropical landscapes, blending deep browns with intricate natural patterning for a bold and grounding interior design.






Floor: **Amazona Bruno, 1200x2400mm**

Product Display Accent Wall: **Hexion Tan, 300X262mm**

Accent Wall: **Amazona Petals, 600x1200mm**

Reception Backdrop Accent Wall: **Kaliedo Vintage, 200x200mm**





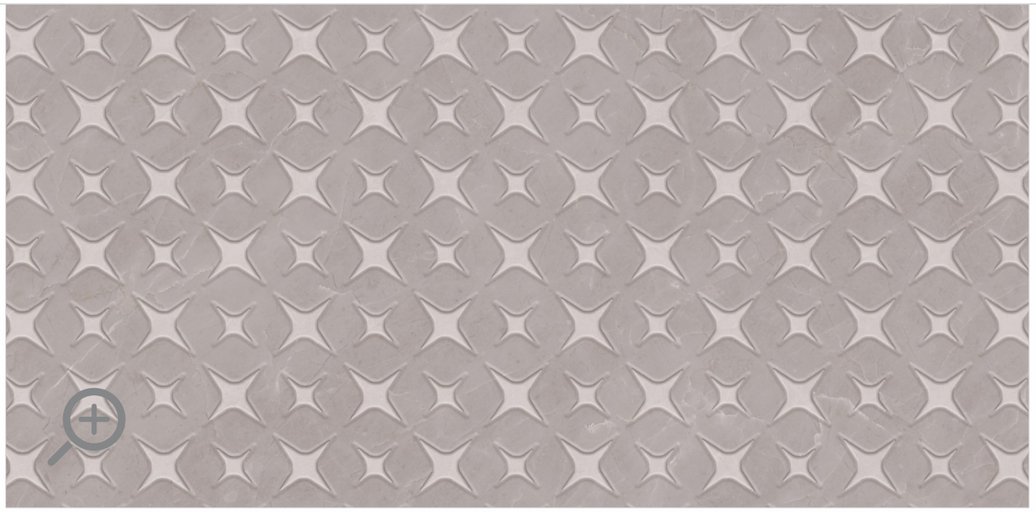
Floor: **Amazona Bruno, 1200x2400mm**
Accent Wall: **Amazona Petals, 600x1200mm**

Wall: **Amazona Bruno, 1200x2400mm**
Product Display Accent Wall: **Hexion Tan, 300X262mm**
Counter Backdrop Accent Wall: **Kaliedo Vintage, 200x200mm**

Scan for a
virtual view



2



2

Romano Pearl

1

Romano Honeycomb

2

Tegula Romano

5

Kaliedo Vintage

4

Hexion Tan

3

Turkish Ash

1

Turkish Vortex

2

Tegula Turkish

5

Kaliedo Vintage

4

Hexion Tan

3

| No. | Sizes | Surfaces | Thickness | Randoms |
|---|---|---|---|---|
| 1 | 1200x2400mm, 1200x1800mm | Lux, Quillglam | 9mm | 2 |
| 2 | 600x1200mm | Intrica Effect | 9mm | 3 |
| 3 | 300X262mm | Lux, Quillglam | 9mm | – |
| 4 | 200x200mm | Matt Carving | 9mm | 9 |
| 5 | 75x300mm | Glossy, Matt | 9mm | 16 |

| No. | Sizes | Surfaces | Thickness | Randoms |
|---|---|---|---|---|
| 1 | 1200x1800mm | Lux, Velvetouch | 9mm | 4 |
| 2 | 600x1200mm | Intrica Effect | 9mm | 5 |
| 3 | 300X262mm | Lux, Quillglam | 9mm | – |
| 4 | 200x200mm | Matt Carving | 9mm | 9 |
| 5 | 75x300mm | Glossy, Matt | 9mm | 16 |



2



2

Breccia Furossa



1

Furossa
Decoart



2

Tegula
Furossa



5

Kaliedo
Vintage



4

Hexion
Tan



3

| No. | Sizes | Surfaces | Thickness | Randoms |
|---|---|---|---|---|
| 1 | 1200x2400mm, 1200x1800mm | Lux, Quillglam | 9mm | 3 |
| 2 | 600x1200mm | Intrica Effect | 9mm | 2 |
| 3 | 300X262mm | Lux, Quillglam | 9mm | – |
| 4 | 200x200mm | Matt Carving | 9mm | 9 |
| 5 | 75x300mm | Glossy, Matt | 9mm | 16 |

Amazona Bruno



1

Amazona Petals



2

Tegula
Amazona



5

Kaliedo
Vintage



4

Hexion
Tan



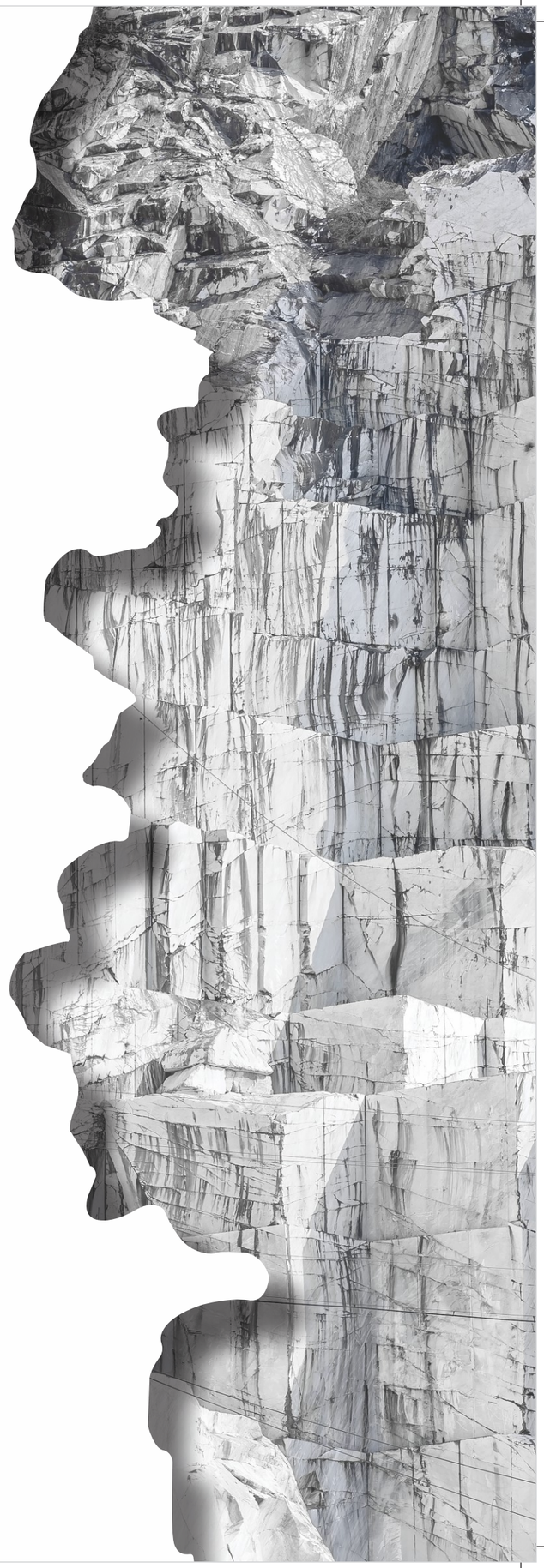
3

| No. | Sizes | Surfaces | Thickness | Randoms |
|---|---|---|---|---|
| 1 | 1200x2400mm, 1200x1800mm | Lux, Quillglam | 9mm | 3 |
| 2 | 600x1200mm | Intrica Effect | 9mm | 3 |
| 3 | 300X262mm | Lux, Quillglam | 9mm | – |
| 4 | 200x200mm | Matt Carving | 9mm | 9 |
| 5 | 75x300mm | Glossy, Matt | 9mm | 16 |



# Statuario Branca

White tones and dramatic grey veining, Statuario Branca brings the timeless prestige of Statuario marble into the modern era for an unmistakably luxurious look.





Floor: **Statuario Branca, 1200x2400mm**
Accent Wall Left Side 1: **Tegula Branca, 75x300mm**

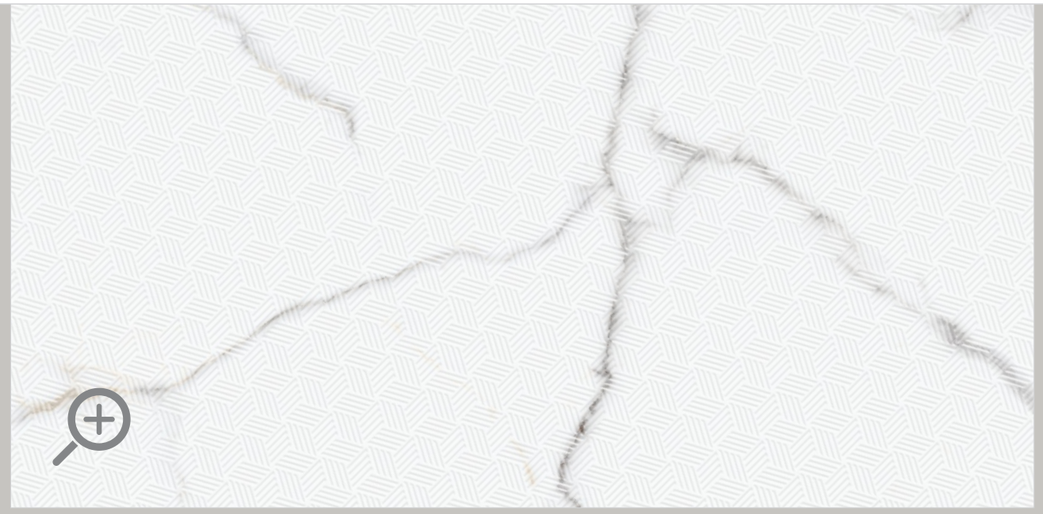
Accent Wall Left Side 2: **Serena Classic, 200x200mm**
Accent Wall Right Side: **Branca Weave, 300x300mm**

Scan for a
virtual view



Floor: **Statuario Branca, 1200x2400mm**
Accent Wall Left Side 1: **Tegula Branca, 75x300mm**

Accent Wall Left Side 2: **Serena Classic, 200x200mm**



2

Statuario Branca

1

Branca Motif

2

Tegula Branca

5

Serena Classic

4

Branca Weave

3

| No. | Sizes | Surfaces | Thickness | Randoms |
|---|---|---|---|---|
| 1 | 1200x2400mm, 1200x1800mm | Lux, Quillglam | 9mm | 2 |
| 2 | 600x1200mm | Intrica Effect | 9mm | 3 |
| 3 | 300x300mm | Lux, Quillglam | 9mm | – |
| 4 | 200x200mm | Matt Carving | 9mm | 6 |
| 5 | 75x300mm | Glossy, Matt | 9mm | 16 |

## TECHNICAL SPECIFICATION FOR ELITA COLLECTION

| CHARACTERISTICS | REQUIREMENT AS PER IS 15622 :2017 E ≤ 0.08 GROUP B I A | REQUIREMENT AS PER ISO 13006:2018 ≤ 0.5% GROUP B I A | OUR VALUES | TEST METHOD |
|---|---|---|---|---|
| **Dimension & Surface Quality** | | | | |
| Length & Width % | ± 0.10% | ± 0.5% | ± 0.10% | IS 13630 Part 1 / ISO 10545-2 |
| Thickness % | ± 5.0% | ± 5.0% | ± 3.0% | |
| Straightness of Side % | ± 0.10% | ± 0.50% | ± 0.10% | |
| Rectangularity % | ± 0.10% | ± 0.60% | ± 0.10% | |
| Surface Flatness | | | | |
| Center Curvature (%) ( Max. Deviation) | ± 0.50% | ± 0.50% | ± 0.2 % | |
| Edge Curvature (%) ( Max. Deviation) | ± 0.50% | ± 0.50% | ± 0.2 % | |
| Corner Warpage (%) ( Max. Deviation) | ± 0.50% | ± 0.50% | ± 0.2 % | |
| 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 | |
| **Physical Properties** | | | | |
| Water Absorption | Average ≤ 0.08%, Individual Max.0.1% | Av ≤ 0.5 %, Individual 0.6% max | <0.08%, Individual Max 0.1% | IS 13630 Part 2/ ISO 10545-3 |
| Modulus of Rupture [N/mm²] | Avr 35, Individual 32 Min | Av 35, Individual 32 min | Avr. > 35, Individual 32 | IS 13630 Part 6/ISO 10545-4 |
| Breaking Strength in N | 1300 | Min.1300 | Min. 1300 | |
| Moisture Expansion in mm/m | 0.02 | Test method available | 0.02 | IS 13630 Part 3 / ISO-10545-10 |
| Scratch Hardness of surface (Mohs) | Min 5 | N.A | Min 3 | IS 13630 Part 13 |
| Resistant to Abrasion of Glazed Tiles (Class I to V) | Min II | Abrasion Class & Cycle passed | PEI III | IS 13630 Part 11 /ISO 10545-7 |
| Coefficient of Linear Thermal Expansion from Ambient Temperature to 100° C | 6 X 10 $^{-6}$ K$^{-1}$ max | Test method available | Max 6 X 10 $^{-6}$ K$^{-1}$ max | IS 13630 Part 4/ ISO 10545-8 |
| Thermal Shock Resistant | 10 cycle Min | Required | 10 cycle passed | IS 13630 Part 5/ISO-10545-9 |
| Crazing Resistant | 4 cycle @ 7.5bar min | Required | 4 cycle passed | IS 13630 Part 9/ISO 10545-11 |
| Impact Resistant as Co-efficient of Restitution (COR) | 0.55 min | Test method available | 0.55 Min | IS 13630 Part 14/ISO 10545-5 |
| Frost Resistant | Required | Required | 100 Cycle Passed | IS 13630 Part 10/ISO 10545-12 |
| **Stain & Chemical Resistant (Glazed Tiles)** | | | | |
| Stain Resistant | Min Class 1 | Min Class 3 | Class 1 | IS 13630 Part 8 & ISO 10545-14 |
| Resistant to Household Chemicals | Min Class AA | Min B | Min Class AA | IS 13630 Part 8 / ISO 10545-13 |
| Resistant to Acids and Alkalis (with exception of Hydrofluoric Acid and its compounds) | Required if agreed | Declared Value[f] | Min Class AA | |

## PACKAGING DETAIL FOR ELITA COLLECTION

| Nominal Size (mm) | Thickness (mm) | Avg. Wt. Per Carton (Kg.) | No. of Tiles Per Carton | Coverage Area Per Carton |
|---|---|---|---|---|
| 600x1200mm (Sinker) | 8.2 | 27.2 | 2 | 1.44sq.mtr./15.5sq.ft. |

The tiles in this catalogue are reproduced using four-colour printing, and the tiles may not be displayed in accurate sizes. Therefore, we strongly recommend customers to check the physical samples before placing an order. The "Technical Specification" applies exclusively to premium-quality Somany wall and floor tiles. Please inspect the tiles thoroughly before installation, as we don't accept any complaints once the tiles have been applied or fixed. Additionally, complaints regarding borders, highlighters, or motifs will not be entertained after purchase.

## TECHNICAL SPECIFICATION FOR ELITA COLLECTION

| CHARACTERISTICS | REQUIREMENT AS PER IS 15622 :2017 E ≤ 0.08 GROUP B I A | REQUIREMENT AS PER ISO 13006:2018 ≤ 0.5% GROUP B I A | OUR VALUES | TEST METHOD |
|---|---|---|---|---|
| **Dimension & Surface Quality** | | | | |
| Length & Width % | ± 0.10% | ± 0.5% | ± 0.10% | IS 13630 Part 1 / ISO 10545-2 |
| Thickness % | ± 5.0% | ± 5.0% | ± 3.0% | |
| Straightness of Side % | ± 0.10% | ± 0.50% | ± 0.10% | |
| Rectangularity % | ± 0.10% | ± 0.60% | ± 0.10% | |
| Surface Flatness | | | | |
| Center Curvature (%) ( Max. Deviation) | ± 0.50% | ± 0.50% | ± 0.2 % | |
| Edge Curvature (%) ( Max. Deviation) | ± 0.50% | ± 0.50% | ± 0.2 % | |
| Corner Warpage (%) ( Max. Deviation) | ± 0.50% | ± 0.50% | ± 0.2 % | |
| 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 | |
| **Physical Properties** | | | | |
| Water Absorption | Average ≤ 0.08%, Individual Max.0.1% | Av ≤ 0.5 %, Individual 0.6% max | <0.08%, Individual Max 0.1% | IS 13630 Part 2/ ISO 10545-3 |
| Modulus of Rupture [N/mm²] | Avr 35, Individual 32 Min | Av 35, Individual 32 min | Avr. > 35, Individual 32 | IS 13630 Part 6/ISO 10545-4 |
| Breaking Strength in N | 1300 | Min.1300 | Min. 1800 | |
| Moisture Expansion in mm/m | 0.02 | Test method available | 0.02 | IS 13630 Part 3 / ISO-10545-10 |
| Scratch Hardness of surface (Mohs) | Min 5 | N.A | Carvo-6, Polish-3 Quill Glam-6 Quill Soft-5, Shape-6 | IS 13630 Part 13 |
| Resistant to Abrasion of Glazed Tiles (Class I to V) | Min II | Abrasion Class & Cycle passed | Carvo-IV, Polish-III, Quill Glam-IV, Quill Soft-III, Shape-III | IS 13630 Part 11 /ISO 10545-7 |
| Coefficient of Linear Thermal Expansion from Ambient Temperature to 100° C | 6 X 10 $^{-6}$ K$^{-1}$ max | Test method available | Max 6 X 10 $^{-6}$ K$^{-1}$ max | IS 13630 Part 4/ ISO 10545-8 |
| Thermal Shock Resistant | 10 cycle Min | Required | 10 cycle passed | IS 13630 Part 5/ISO-10545-9 |
| Crazing Resistant | 4 cycle @ 7.5bar min | Required | 4 cycle passed | IS 13630 Part 9/ISO 10545-11 |
| Impact Resistant as Co-efficient of Restitution (COR) | 0.55 min | Test method available | 0.55 Min | IS 13630 Part 14/ISO 10545-5 |
| Frost Resistant | Required | Required | 100 Cycle Passed | IS 13630 Part 10/ISO 10545-12 |
| **Stain & Chemical Resistant (Glazed Tiles)** | | | | |
| Stain Resistant | Min Class 1 | Min Class 3 | Class 1 | IS 13630 Part 8 & ISO 10545-14 |
| Resistant to Household Chemicals | Min Class AA | Min B | Min Class AA | IS 13630 Part 8 / ISO 10545-13 |
| Resistant to Acids and Alkalis (with exception of Hydrofluoric Acid and its compounds) | Required if agreed | Declared Value[f] | Min Class AA | |

## PACKAGING DETAIL FOR ELITA COLLECTION

| Nominal Sizes (mm) | Thickness (mm) | Avg. Wt. Per Carton (Kg.) | No. of Tiles Per Carton | Coverage Area Per Carton |
|---|---|---|---|---|
| 1200x2400mm | 9 | 61.7 | 1 | 2.88sq.mtr./31.00sq.ft. |
| 1200x1800mm | 9 | 91 | 2 | 4.32sq.mtr./46.50sq.ft. |

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## TECHNICAL SPECIFICATION FOR ELITA COLLECTION

| CHARACTERISTICS | REQUIREMENT AS PER IS 15622 :2017 0.08<E<3% GROUP B I b | REQUIREMENT AS PER ISO 13006:2018 ≤ 0.5% GROUP B I a | OUR VALUES | TEST METHOD |
|---|---|---|---|---|
| **Dimension & Surface Quality** | | | | |
| Length & Width % | ± 0.5% | ± 0.6% | ± 0.50% | IS 13630 Part 1 / ISO 10545-2 |
| Thickness % | ± 10.0% | ± 5.0% | ± 5.0% | |
| Straightness of Side % | ± 0.50% | ± 0.50% | ± 0.50% | |
| Rectangularity % | ± 0.60% | ± 0.50% | ± 0.50% | |
| Surface Flatness | | | | |
| Center Curvature (%) ( Max. Deviation) | ± 0.75% | ± 0.50% | ± 0.50 % | |
| Edge Curvature (%) ( Max. Deviation) | ± 0.75% | ± 0.50% | ± 0.50 % | |
| Corner Warpage (%) ( Max. Deviation) | ± 0.75% | ± 0.50% | ± 0.50 % | |
| 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 | |
| **Physical Properties** | | | | |
| Water Absorption | Av 0.08<E<3%, Individual 3.3 max | Avg. 0.5 %, Individual 0.6% max | Avg. <0.5% | IS 13630 Part 2/ ISO 10545-3 |
| Modulus of Rupture [N/mm²] | Av 30, Individual 27 min | Avr 35, Individual 32 Min | Avr. > 35 | IS 13630 Part 6/ISO 10545-4 |
| Breaking Strength in N | 1100 N | Min 1300 N | Min. 1300 N | |
| Moisture Expansion in mm/m | 0.02 | Test method available | Max 0.02 | IS 13630 Part 3 / ISO-10545-10 |
| Scratch Hardness of surface (Mohs) | Min 5 | N.A | Min. 6 | IS 13630 Part 13 |
| Resistant to Abrasion of Glazed Tiles (Class I to V) | Min II | Min Class II | Gr IV | IS 13630 Part 11 /ISO 10545-7 |
| Coefficient of Linear Thermal Expansion from Ambient Temperature to 100° C | 7 X 10 $^{-6}$ K$^{-1}$ max | Test method available | Max 6 X 10 $^{-6}$ K$^{-1}$ max | IS 13630 Part 4/ ISO 10545-8 |
| Thermal Shock Resistant | 10 cycle Min | Required | 10 cycle passed | IS 13630 Part 5/ISO-10545-9 |
| Crazing Resistant | 4 cycle @ 7.5bar min | N.A. | 4 cycle passed | IS 13630 Part 9/ISO 10545-11 |
| Impact Resistant as Co-efficient of Restitution (COR) | 0.55 min | Test method available | 0.55 Min | IS 13630 Part 14/ISO 10545-5 |
| Frost Resistant | Required | Required | 100 Cycle Passed | IS 13630 Part 10/ISO 10545-12 |
| **Stain & Chemical Resistant** | | | | |
| Stain Resistant | Not Available | Min Class 3 | Class 2 | IS 13630 Part 8 & ISO 10545-14 |
| Resistant to Household Chemicals | Test method available | Min B | Min Class AA | IS 13630 Part 8 / ISO 10545-13 |
| Resistant to Acids and Alkalis (with exception of Hydrofluoric Acid and its compounds) | Test method available | Declared Value[f] | A | |

## PACKAGING DETAIL FOR ELITA COLLECTION

| Nominal Size (mm) | Thickness (mm) | Avg. Wt. Per Carton (Kg.) | No. of Tiles Per Carton | Coverage Area Per Carton |
|---|---|---|---|---|
| 200x200mm (Unrectified) | 8.0 | 13.0 | 19 | 0.76sq.mtr./8.18sq.ft. |

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## TECHNICAL SPECIFICATION FOR ELITA COLLECTION

| CHARACTERISTICS | Requirment as per IS 15622: 2017 E>10 Group BIII | Requirements as per ISO 13006: 2018 E>10 Group BIII | OUR VALUES | TEST METHOD |
|---|---|---|---|---|
| **Dimension & Surface Quality** | | | | |
| Length & Width % | ± 0.5% | ± 0.6% | ± 0.5% | IS 13630 Part 1 / ISO 10545-2 |
| Thickness % | ± 7.0% | ± 10.0% | ± 7.0% | |
| Straightness of Side % | ± 0.2% | ± 0.5% | ± 0.2% | |
| Rectangularity % | ± 0.3% | ± 0.5% | ± 0.3% | |
| Surface Flatness | | | | |
| Center Curvature (%) ( Max. Deviation) | ± 0.3% | ± 0.5% | ± 0.3 % | |
| Edge Curvature (%) ( Max. Deviation) | ± 0.3% | ± 0.5% | ± 0.3 % | |
| Corner Warpage (%) ( Max. Deviation) | ± 0.3% | ± 0.5% | ± 0.3 % | |
| 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 | |
| **Physical Properties** | | | | |
| Water Absorption | E ≥ 10 % when it exceeds 20 % this shall be indecated by the manufacturer | E ≥ 10 % when it exceeds 20 % this shall be indecated by the manufacturer | Avg. 10-20 % | IS 13630 Part 2/ ISO 10545-3 |
| Modulus of Rupture [N/mm²] | Min 12 | Average Min 12 | Average > 12 | IS 13630 Part 6/ISO 10545-4 |
| Breaking Strength in N | Min 200 | Min.200 | Min. 200 | |
| Scratch Hardness of surface (Mohs) | Min 3 | N.A | Min 3 | IS 13630 Part 13 |
| Coefficient of Linear Thermal Expansion from Ambient Temperature to 100° C | 9 X 10 $^{-6}$ K$^{-1}$ max | N.A. | Max 8 X 10 $^{-6}$ K$^{-1}$ max | IS 13630 Part 4/ ISO 10545-8 |
| Thermal Shock Resistant | 10 cycle Min | Test method available | 10 cycle Min | IS 13630 Part 5/ISO-10545-9 |
| Crazing Resistant | 4 cycle @ 7.5bar min | Manufacturer to Declared | 4 cycle @ 7.5bar min | IS 13630 Part 9/ISO 10545-11 |
| **Stain & Chemical Resistant** | | | | |
| Stain Resistant | Min Class 1 | Min Class 3 | Class 1 | IS 13630 Part 8 & ISO 10545-14 / ISO 10545-13 |
| Resistant to Household Chemicals | Min Class AA | Test method available | Min Class AA | |
| Resistant to Acids and Alkalis (with exception of Hydrofluoric Acid and its compounds) | Required if agreed | Test method available | Min Class AA | |

## PACKAGING DETAIL FOR ELITA COLLECTION

| Nominal Size (mm) | Thickness (mm) | Avg. Wt. Per Carton (Kg.) | No. of Tiles Per Carton | Coverage Area Per Carton |
|---|---|---|---|---|
| 75x300mm (Rectified) | 7.5 | 12.9 | 44 | 0.990sq.mtr./10.66sq.ft. |

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