



# TIMELESSLY ENDLESS CREATION

60X 120CM Glazed Vitrified Tiles Glossy Finish

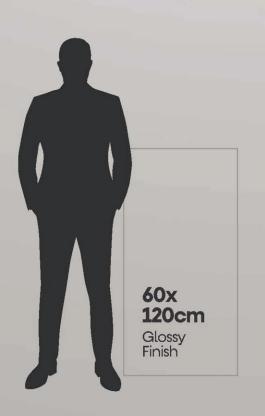
ENDLESS COLLECTION





PRODUCT CATALOGUE

### ENDLESS ELEGANCE



Experience an unending interplay of textures, patterns, and shapes stretching endlessly lending your spaces a boundless grace that flows uninterrupted and travels as far as your eyes go!

The exclusive endless collection of tiles from your sppace endless tile patterns that give your spaces endless designs uninterrupted with every tile. The design continues with every tile and gives your spaces a seamless appeal. The most exclusive feature is that the endless design continues irrespective of the placement of the tile - a marvel of the tile design process.



### SHADES FOR THE RIGHT AMOUNT OF EVERYTHING!

The delicate sense of balance of colors and design meticulously designed in the collection cuts a surprisingly modern figure with a timeless appeal for your spaces designing them classic modern, minimalistic, and endless.

## + COLOR SHADES







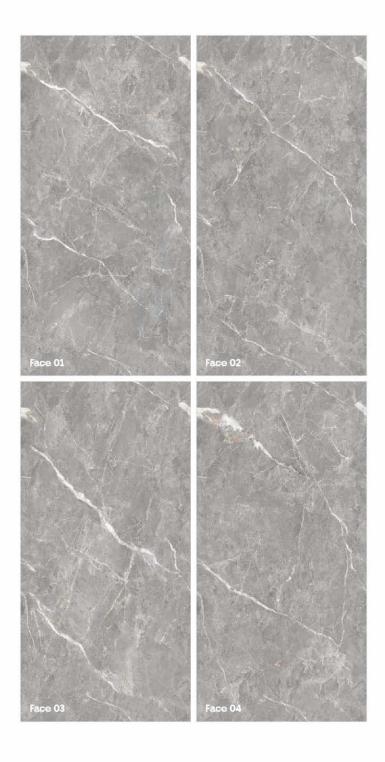
you a collection syou a collection that is anchored by the contemplation of creating spaces seamless with designs that flow endlessly, creating an oasis of infinite elegance scattering across your rooms and spaces.



# BRILLIANTLY GLOSSY SURFACES

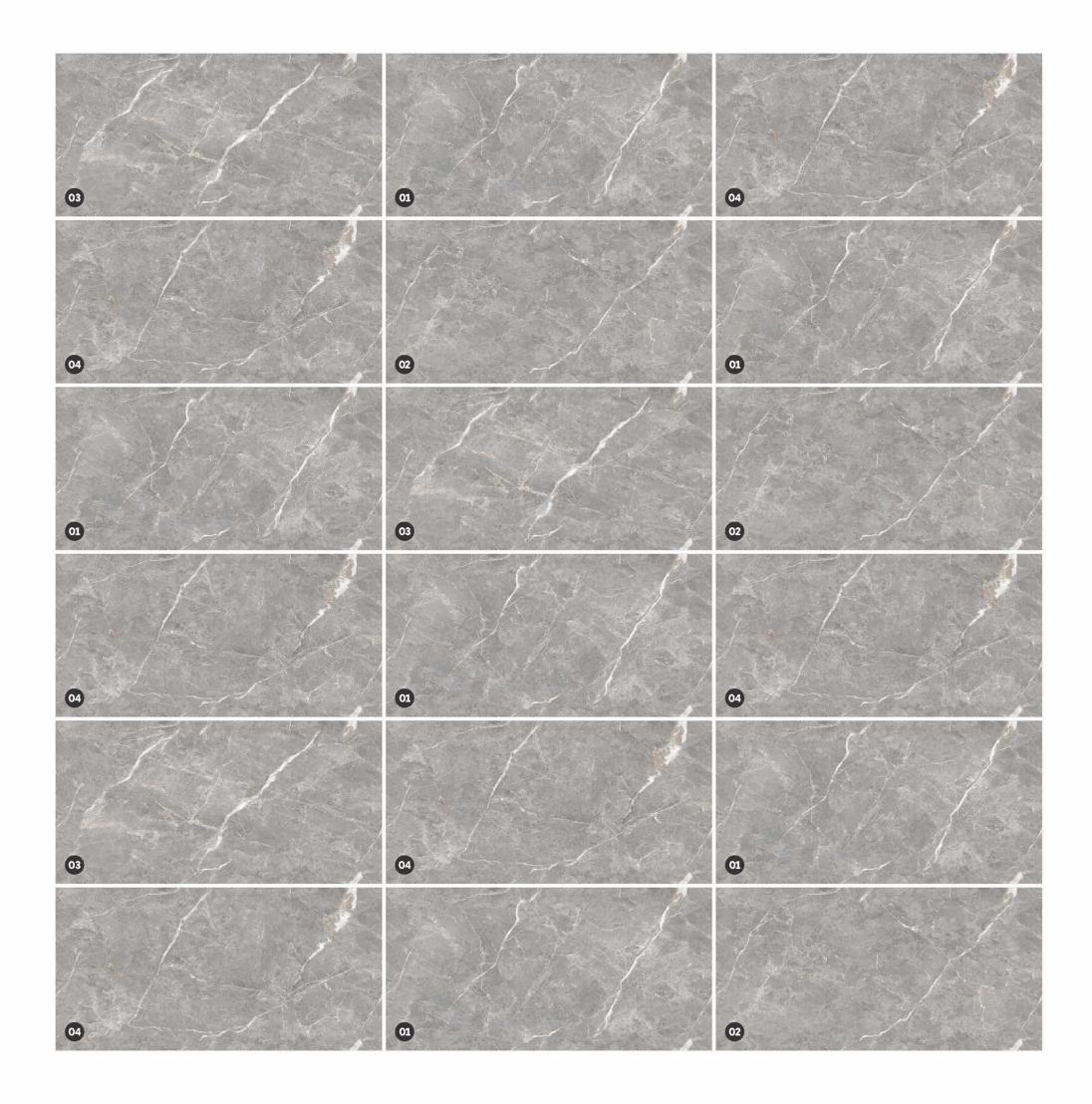
The exclusive collection is available in a brilliant glossy finish that creates an ambiance of luxury and magnificence in your spaces, making them appear larger and roomy. The shine is crafted with a keen sense of balance to deliver just the right amount.





## Endless possibilities with smart randoms

The collection is astutely designed with random tile designs which smartly creates endless pattern regardless of their position. Place random tile designs in any order and achieve an endless design in your spaces.





60X 120CM

Glazed | Glossy Vitrified Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



Random Design



HD Clarity



Eco Friendly



### **ARIAL GREY**



RANDOM - 4







### 60X 120CM

Glazed | Glossy Vitrified | Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



Random Design



HD Clarity



Eco Friendly



### **BRECCIA ANGILO**









### 60X 120CM

Glazed | Glossy Vitrified | Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



Random Design



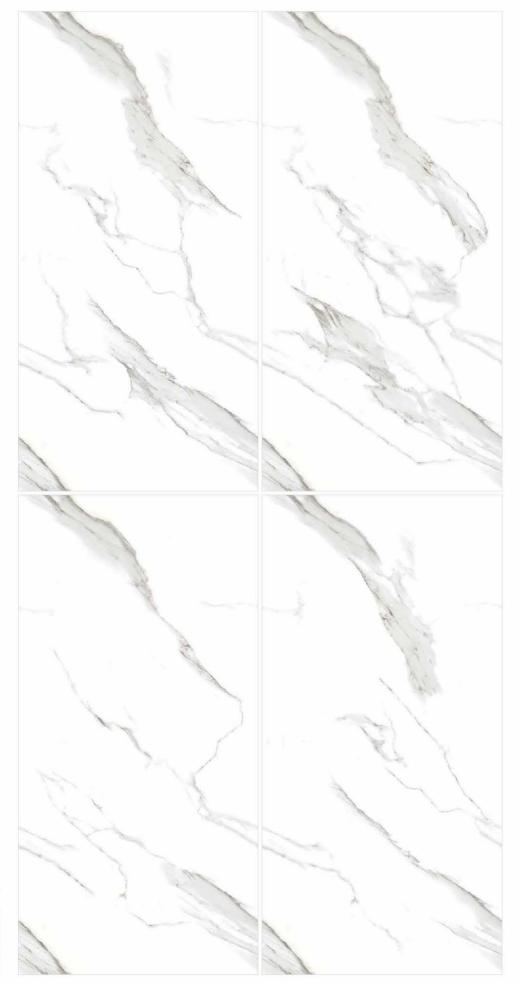
HD Clarity



Eco Friendly

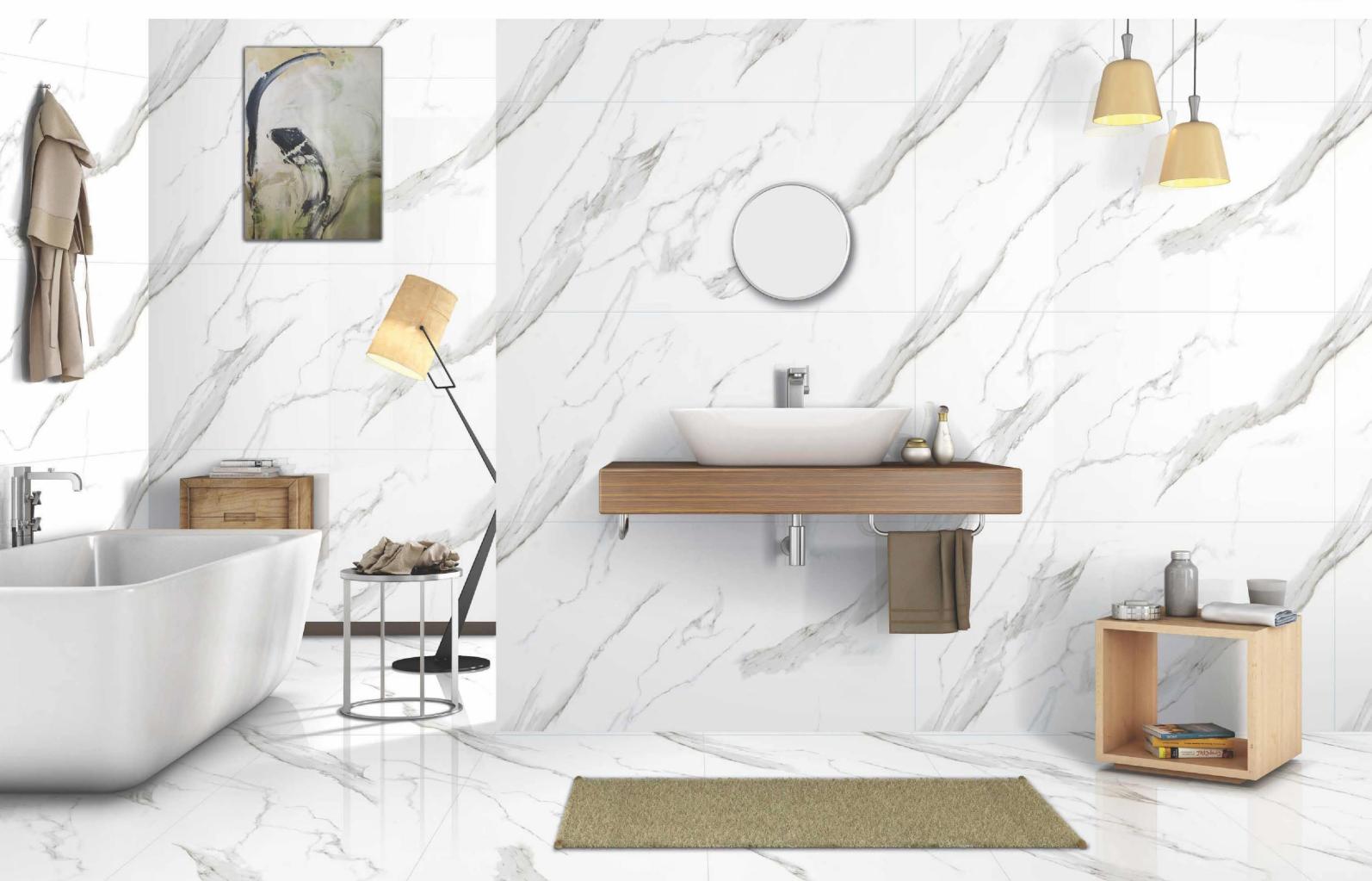


### **DELICAT CARRARA**



RANDOM - 4







### 60X 120CM

Glazed | Glossy Vitrified | Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



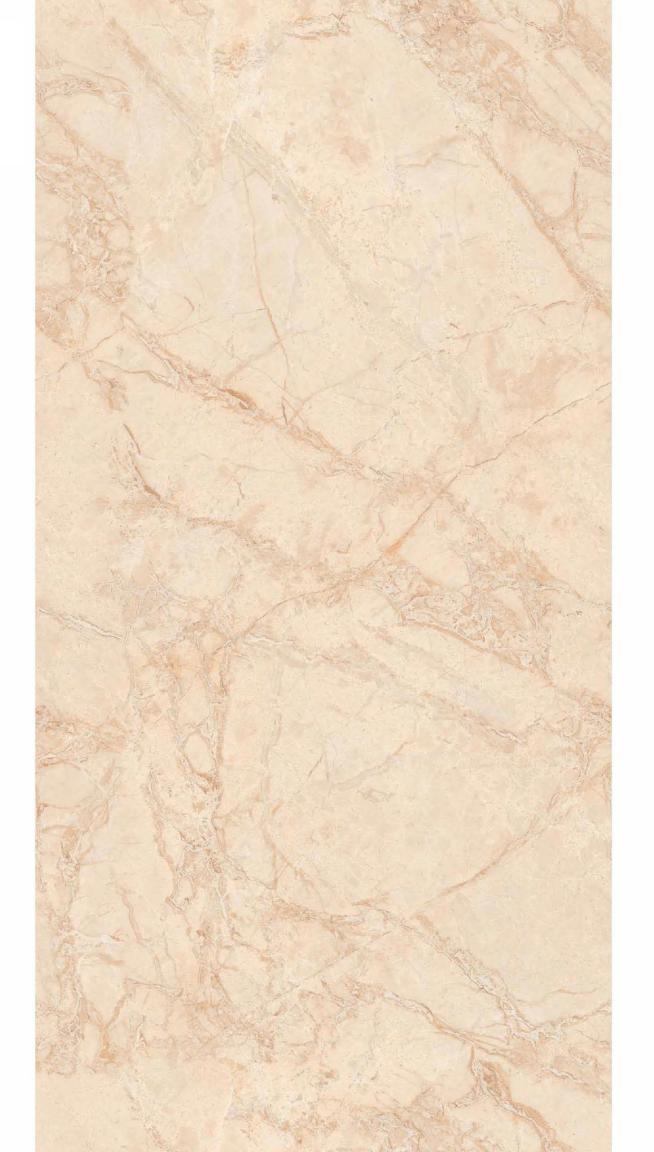
Random Design



HD Clarity



Eco Friendly



### **EVANTO BEIGE**



RANDOM - 4







### 60X 120CM

Glazed Glossy Vitrified Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



Random Design



HD Clarity



Eco Friendly



### **EVANTO GREY**









### 60X 120CM

Glazed | Glossy Vitrified | Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



Random Design



HD Clarity



Eco Friendly



### **EXOTIC GRIS**



RANDOM - 4







### 60X 120CM

Glazed | Glossy Vitrified Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



Random Design



HD Clarity



Eco Friendly

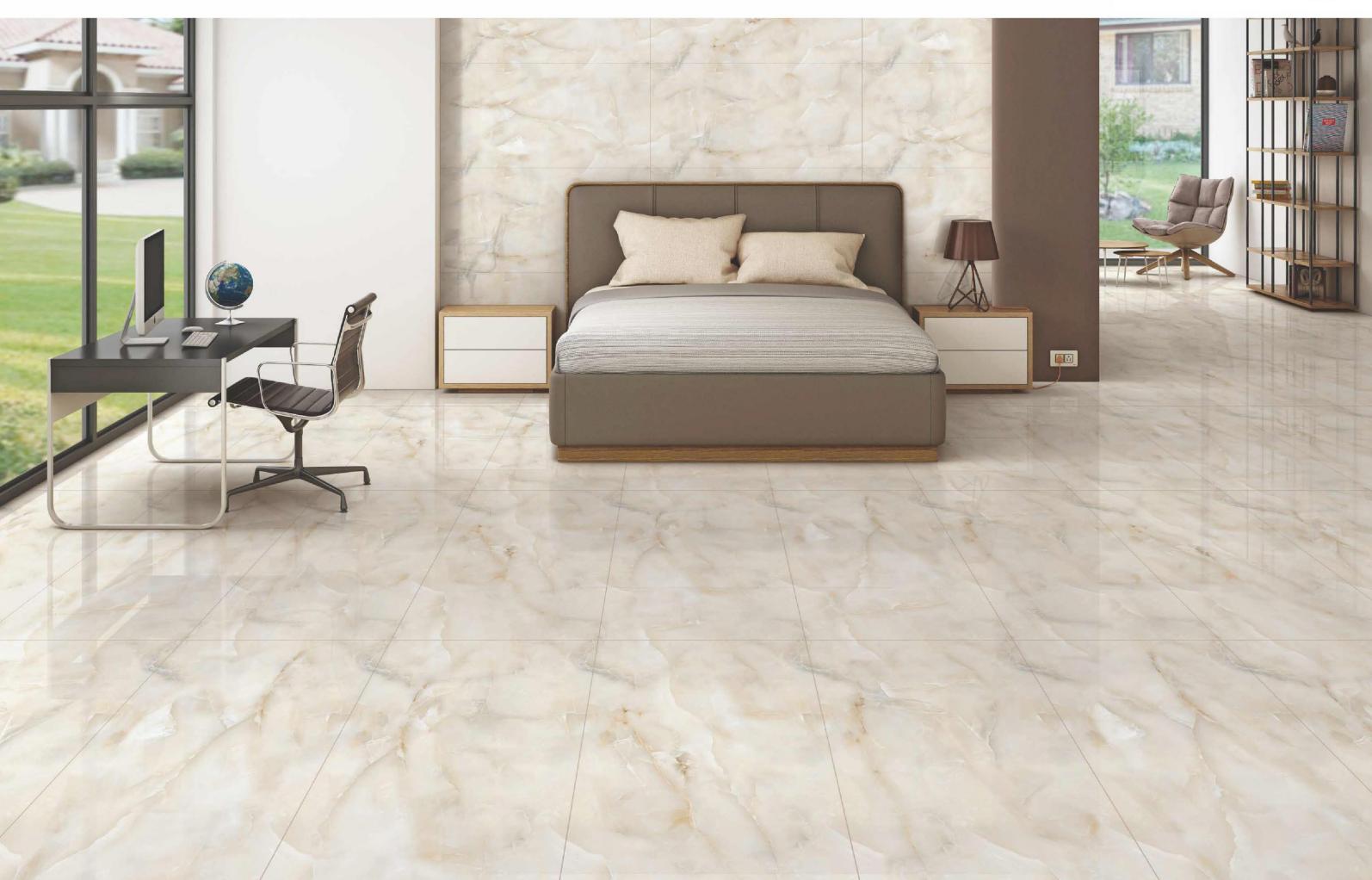


### KENWICK BROWN ONYX



RANDOM - 4







60X 120CM

Glazed | Glossy Vitrified Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



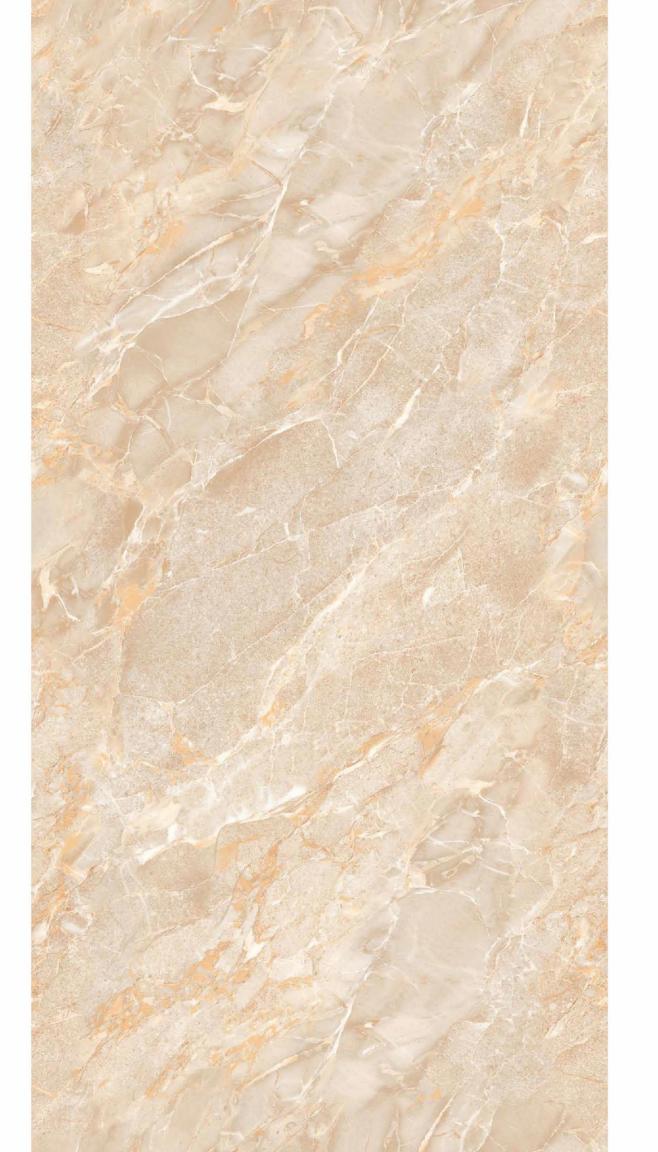
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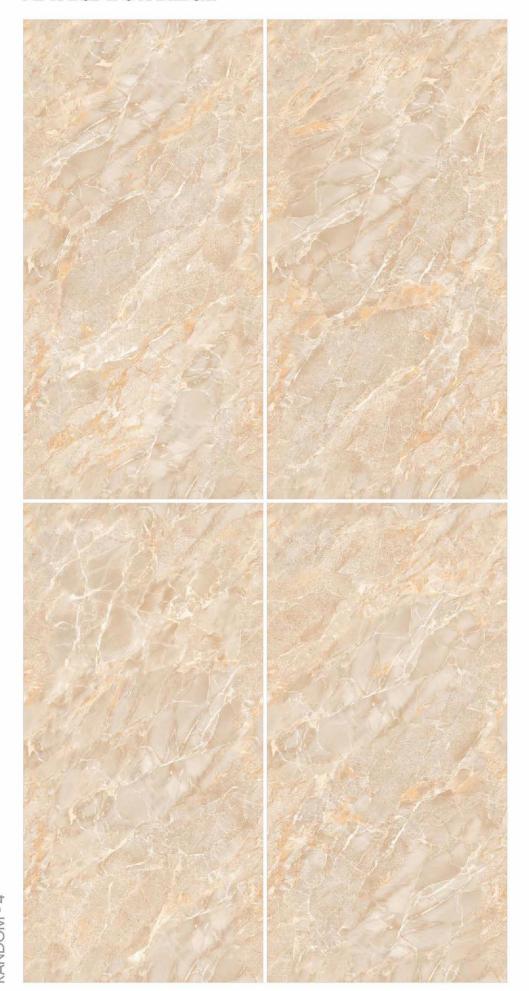
HD Clarity



Eco Friendly



### **NAVIGATOR BEIGE**



RANDOM - 4







### 60X 120CM

Glazed Glossy Vitrified Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



Random Design



HD Clarity



Eco Friendly

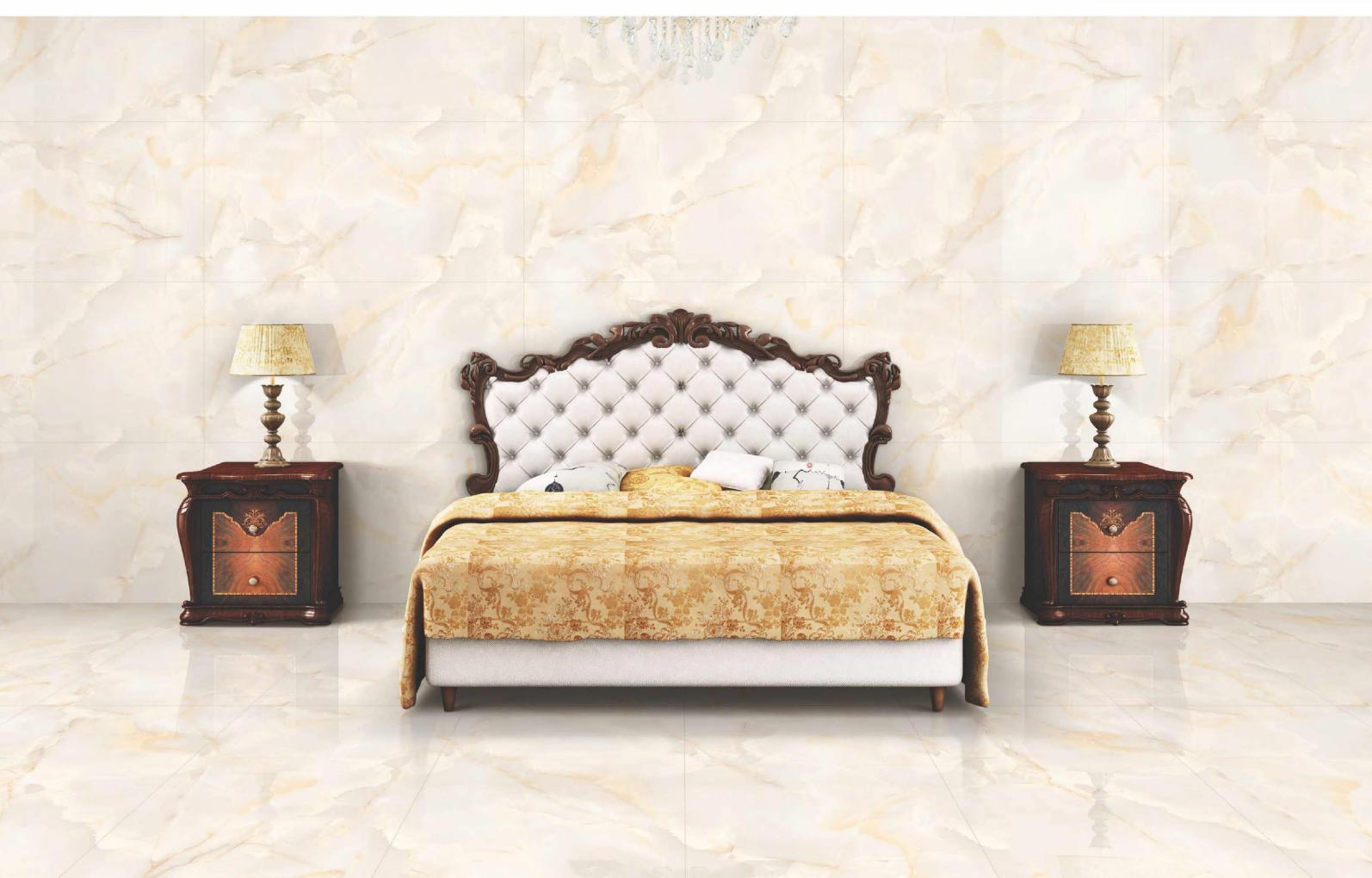


### **ORRA ONEX**



RANDOM - 4







60X 120CM

Glazed | Glossy Vitrified | Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



Random Design



HD Clarity



Eco Friendly



### **RAYPAL STATUARIO**









### 60X 120CM

Glazed | Glossy Vitrified | Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



Random Design



HD Clarity



Eco Friendly



### STANDARD BEIGE



RANDOM - 4







### 60X 120CM

Glazed | Glossy Vitrified | Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



Random Design



HD Clarity



Eco Friendly



### **STANDARD GREY**



RANDOM - 4







### 60X 120CM

Glazed | Glossy Vitrified | Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



Random Design



HD Clarity



Eco Friendly



### STATUARIO ALASKA



RANDOM - 4







### 60X 120CM

Glazed | Glossy Vitrified Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



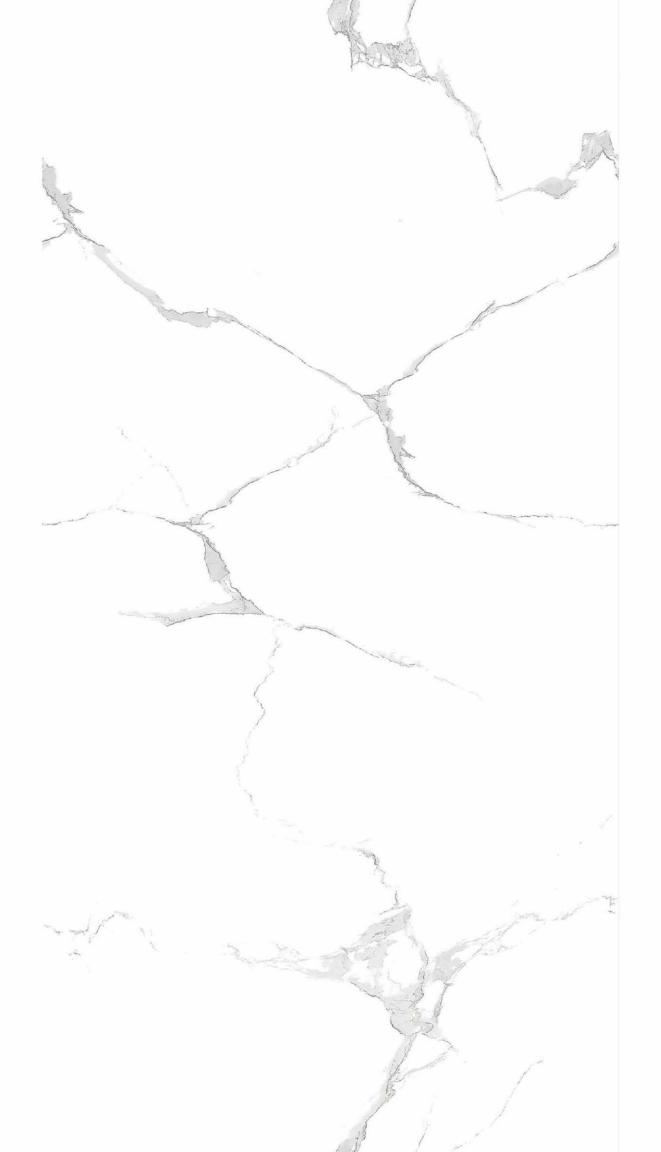
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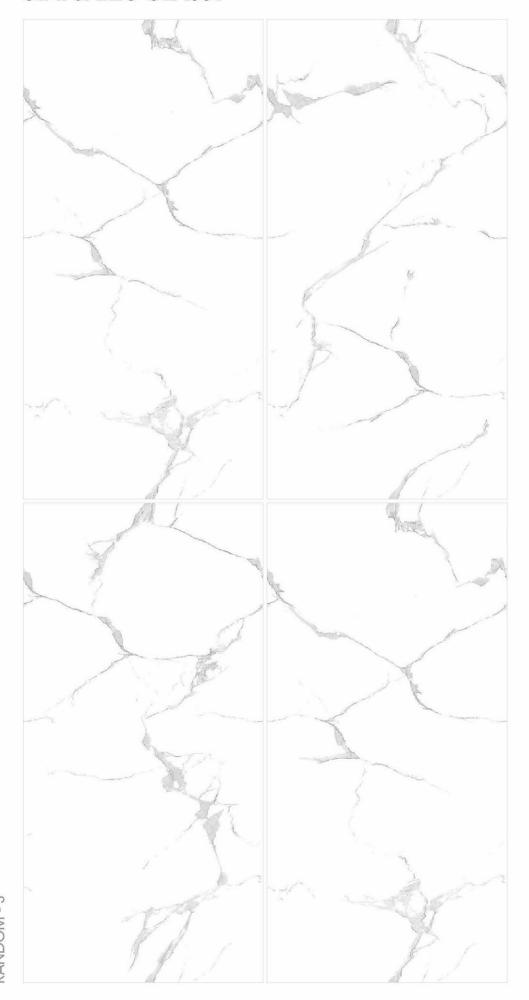
HD Clarity



Eco Friendly



### STATUARIO CLASSY









### 60X 120CM

Glazed Glossy Vitrified Finish Tiles

### Technical Features



Applicable On Wall & Floor



Maintenance



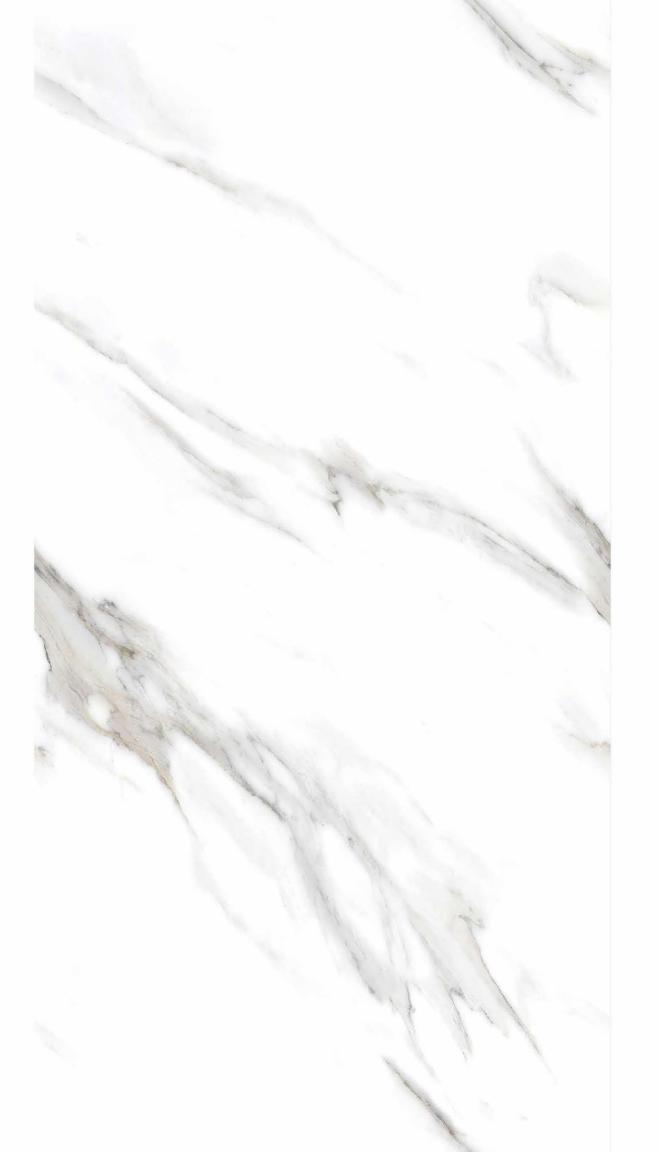
Random Design



HD Clarity



Eco Friendly



### **STATUARIO PANOLAM**



RANDOM - 4







### 60X 120CM

Glazed | Glossy Vitrified | Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



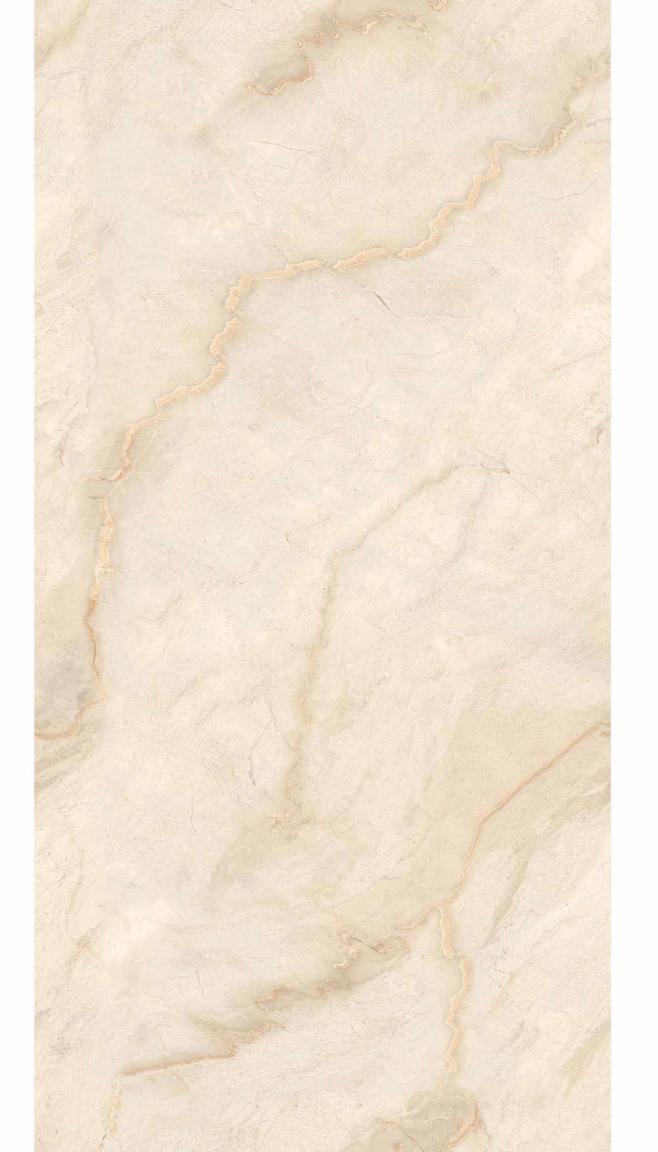
Random Design



HD Clarity



Eco Friendly



### **THASSOS BEIGE**



RANDOM - 4







### 60X 120CM

Glazed | Glossy Vitrified | Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



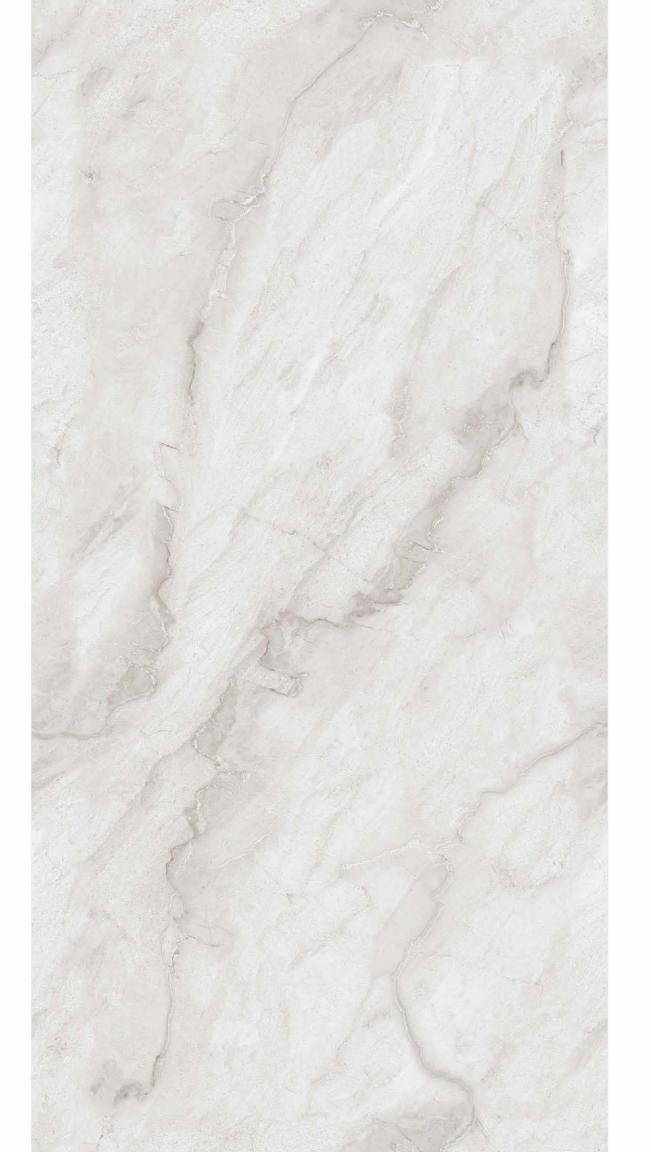
Random Design



HD Clarity



Eco Friendly



### **THASSOS GREY**



RANDOM - 4







60X 120CM

Glazed | Glossy Vitrified | Finish Tiles

### Technical Features



Applicable On Wall & Floor



Zero Maintenance



Random Design



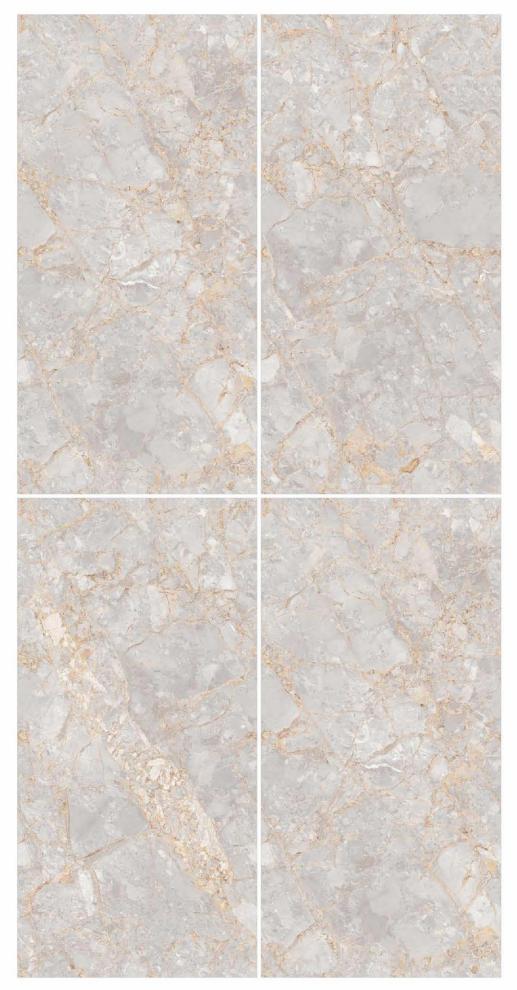
HD Clarity



Eco Friendly



### **YELLOW WAVE**



RANDOM - 3

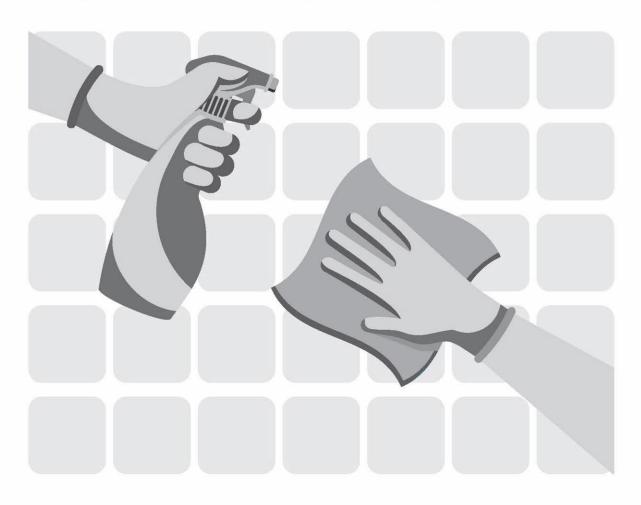




### TILE LAYING, MAINTENANCE & RECOMMENDATIONS

### Cleaning after Laying

We suggest a good initial cleaning after the laying on the floor or wall, this isvery important for removing residual grouting and the normal dirt coming from the building works. We suggest the use of a cementitious descaler, that is a lightly acid product that doesn't emit fumes that are harmful for the user and that can attackjoints. In case of material layed with epoxy or resinous grouting, were commend to clean after laying with specific detergent.



### Regular Maintenance

For a good cleaning of the floor we suggest the use of a natural detergent with a high cleaning power. In case of strong dirty and encrusted by the time, we recommend to consult the following scheme to find the perfect solution to every situation

#### **RECOMMENDATIONS:-**

### **Drying Process**

Once the tiles have been grouted and any excess grout cleaned off, it is important to wait the stipulated time before using the tiled surface; in otherwords, any cleaning should wait until the tiled surface is completely dry. Were commend waiting 5 days before cleaning in readiness for full use.

### Protection from Liquid

The newly tiled surface must beprotected from water and damp while the adhesive and grouting materials are maturing and hardening. This is particularly important in outside spaces and areas where there is a risk of freezing.

### **Damage Prevention**

Measures should also be taken toprotect the newly tiled surface againstmechanical or chemical damageresulting from subsequent work byother professionals or laterinstallations. Damage can be prevented by covering the floor tiles with thick cardboard or similar material.

### **Cleaning Products**

For the final cleaning of the tiledsurface, the products used should becompatible with the chemical resistance of the tiles. Avoid soliddetergents with abrasive particles and solutions containing hydrofluoric acid, which attacks the glaze and causes irreversible damage to the ceramictile.

#### TYPE OF DIRT

Cement, Kalkstein, metal tracer, rust

Residuals, stains and halos of epoxi joints

Grease, tire marks, colours, marker, etc.

Grafitis

#### **PRODUCT**

Cementitious descaler

Epoxi descaler

Non soap degrease

Acetone and antigraffiti star

### FIXING INSTRUCTIONS

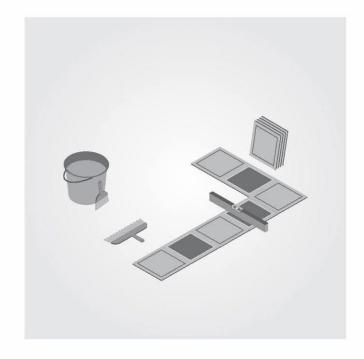
### **Tiles Fixing Instructions**

- 01) Allthe tiles must be checked prior to fixing for quality, batch no. and choice.
- Plaster the surface of the floor to be tiled and allow curing atleast two weeks 02) beforetiling.
- While fixing pick tiles from various boxes alternatively, lay them in the desired patterns and make sure that they give an acceptable blend of colour and design.
  - Pleasenote that shade variation isinherentin manufacturing tiles.
- For fixing tiles we recommend to use the fixing adhesives or equivalent product 04) for the best result.
- For fixing tiles in floor using conventional method, we suggest the following 05) laying instruction:

- A. Usecementand sand mortarinthe ratio 1:4. Add water to create a consistent paste.
- B. Apply 20-25MM of bedding materials over the floor area of 1.0 SQM at a time.
- C. Apply athin coat of the slurry on the back of the tile to ensure proper and full bedding. Press gently for even adherence of the tiles with surface.Do not use any heavy materials like iron or hammer to presstile.
- O6) For fixing the tools on Dado, we recommend the use of adhesive or equivalent materials.
- 07) Allow 3-4 days of bed curing after Laying tiles and later fill the joints with grout.
- 08) We recommend maintaining a joint gap of I-2mm between the tiles to allow possible thermal expansion at later stage.
- O9) Please note that company will not accept any liability in case of any problems arising out of adherence of above fixing instructions.



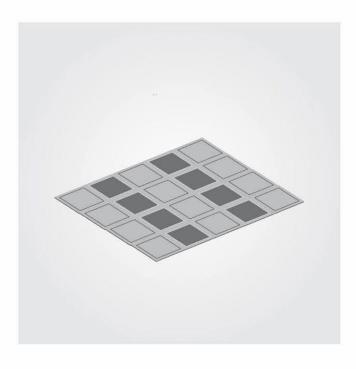
Step-1 Surface Preparation



Step-2
Preparation of Subgrade



Step-3 Laying of tiles on the Surface



Step-3 Post Tiling work

#### TECHNICAL SPECIFICATION OF GLAZED VITRIFIED TILES

| CHARACTERISTIC                           | STANDARD AS PER<br>ISO-13006/EN14411 GROUP Bla | MEAN VALUE OF<br>LIVESTONE GVT         | TEST METHOD  |
|------------------------------------------|------------------------------------------------|----------------------------------------|--------------|
| REGULATORY PROPERTIES                    |                                                |                                        | '            |
| Deviation in length & width              | ± 0.6 %                                        | ± 0.07 % (± 0.4mm)                     | ISO-10545-2  |
| Deviation in thickness                   | ± 5.0 %                                        | ± 4.2 % (± 0.4mm)                      | ISO-10545-2  |
| Straightness in side                     | ± 0.5 %                                        | ± 0.06 % (± 0.4mm)                     | ISO-10545-2  |
| Rectangularity                           | ± 0.5 %                                        | ± 0.12 %                               | ISO-10545-2  |
| Surface flatness                         | ± 0.5 %                                        | ± 0.17 %                               | ISO-10545-2  |
| Color difference                         | Unaltered                                      | No change                              | ISO-10545-16 |
| Glossiness                               | As per mfg                                     | Min. 90%                               | GLOSSOMETER  |
| STRUCTURAL PROPERTIES                    |                                                |                                        |              |
| Water absorption                         | E ≤ 0.5 %                                      | E ≤0.1 %                               | ISO-10545-3  |
| Apparent density                         | > 2.0 g/cc                                     | > 2.10 g/cc                            | DIN 51082    |
| MASSIVE MECHANICAL PROPERTIES            | ,                                              |                                        |              |
| Modulus of rupture                       | ≥ 35 N/mm²                                     | ≥ 36 N/mm²                             | SO-10545-4   |
| Breaking strength                        | ≥1300 N                                        | ≥ 2000 N                               | ISO-10545-4  |
| Impact resistance                        | As per mfg.                                    | Min. 0.55                              | ISO-10545-5  |
| SURFACE MECHANICAL PROPERTIES            |                                                |                                        |              |
| Surface abrasion resistance              | As per mfg                                     | Min. Class 3                           | ISO-10545-7  |
| MOH's hardness                           | As per mfg                                     | PEI Class 2-5                          | EN 101       |
| THERMO HYGROMETRIC PROPERTIES            |                                                | ,                                      | ,            |
| Frost resistance                         | No damage                                      | No damage                              | ISO-10545-12 |
| Thermal shock resistance                 | Mini 10 Cycles                                 | 10 Cycles                              | ISO-10545-9  |
| Moisture expansion                       | Nil                                            | Nil                                    | ISO-10545-10 |
| Thermal expansion (COE)                  | 6 x 10 <sup>-6</sup> K <sup>-1</sup> Max       | ≤ 6 × 10 <sup>-6</sup> K <sup>-1</sup> | ISO-10545-8  |
| Crazing resistance                       | Mini 4 Cycles 7.5 Bar                          | 4 Cycle Pass                           | ISO-10545-11 |
| CHEMICAL PROPERTIES                      |                                                |                                        |              |
| Chemical resistance                      | Minimum Class GB                               | Class GB                               | ISO-10545-13 |
| Stain resistance                         | Minimum Class GB                               | Class GB                               | SO-10545-14  |
| SAFETY PROPERTIES                        |                                                |                                        | ,            |
| Slip resistance                          | As per mfg                                     | > 0.40                                 | ISO-10545-17 |
| Fire resistance                          | As per mfg                                     | Fireproof                              | N. A.        |
| Lead & Cadmium given off by glazed tiles | As per mfg                                     | Does not yield Pb & Cd                 | ISO-10545-15 |

#### PACKING DETAIL

| TILE SIZE | THICKENESS<br>(APPROX.) | No. Of Tiles / Box | Coverage Area / Box | Weight<br>(APPROX.) |
|-----------|-------------------------|--------------------|---------------------|---------------------|
| 60x120cm  | 8.7 mm                  | 2 pcs.             | 1.44 sq.mtr.        | 27.5 kgs.           |



#### LIVESTONE CERAMIC PVT LTD