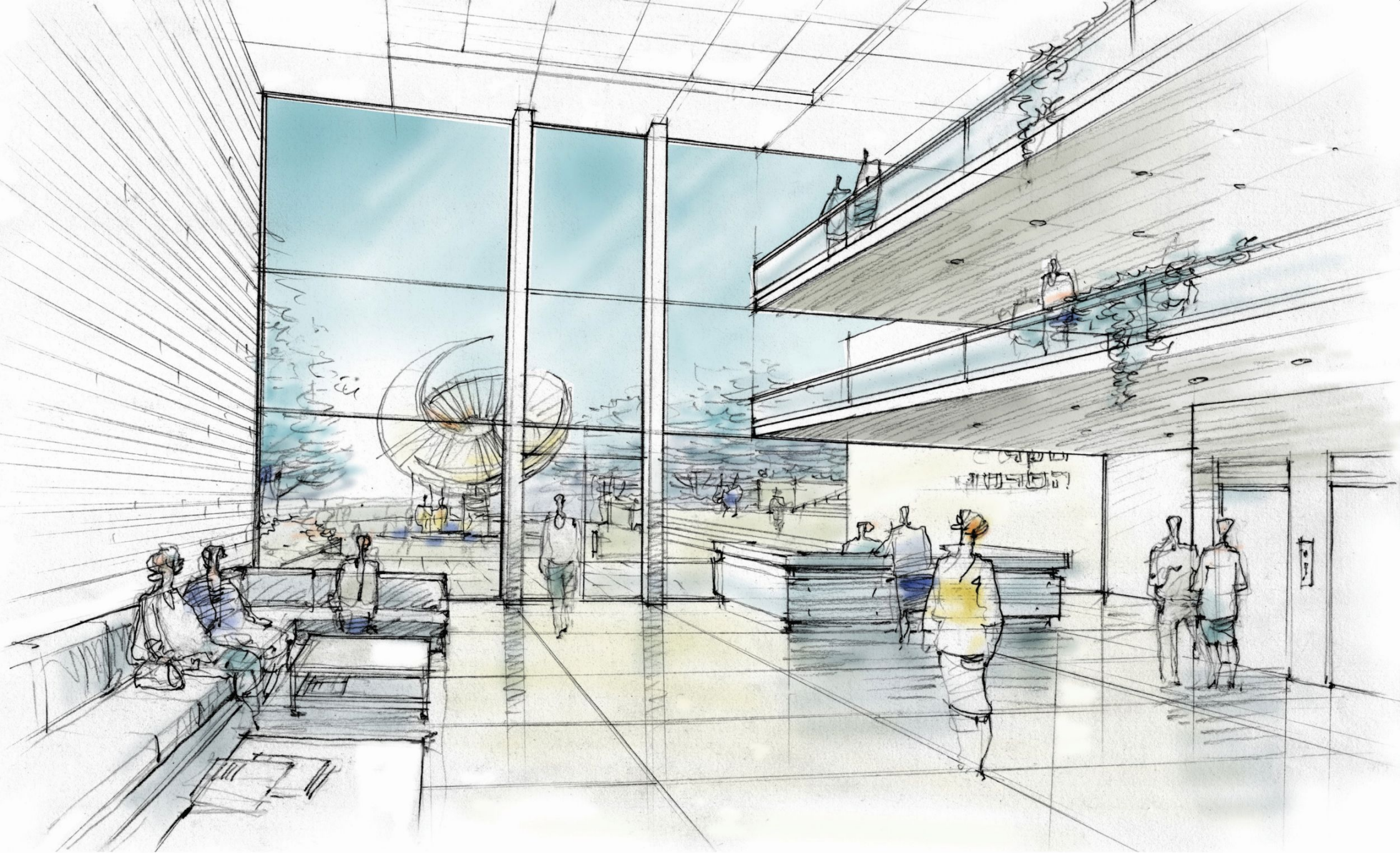










## GRANAMITE COLLECTION

Full-body / Absolute Through-body design tiles comes in the rich eloquence of granite. Also known as the “Immortals of Tiles”, no matter how rough the usage, the look of the tile stil looks brand new, if not even better. This collection offers a salt and pepper look coming close to some inspired granites.

FULL  
BODY  
COLOR

THRU  
BODY  
DESIGNS

NATURAL  
PRESS  
DESIGNS

UN-  
GLAZED  
SURFACE

ANTI-  
SLIP  
R>10

TECHNICAL  
GRANITO

HIGH  
TRANSIT

< 0.08  
WATER  
ABSORP-  
TION

ACID  
ALKALI  
RESISTANT

EASY  
TO  
CLEAN





## GRANAMITE COLLECTION

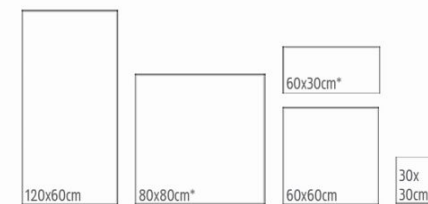
abacus

**Restile**  
every inch of imagination



recommended spacer : 3mm

surface finish : SM / POL



\* under request (MoQ required)

Technical Porcelain Tiles

Homogeneous Full Body Tile

Absolute Through-Body Design

Full Body Color

0% Glaze Coating

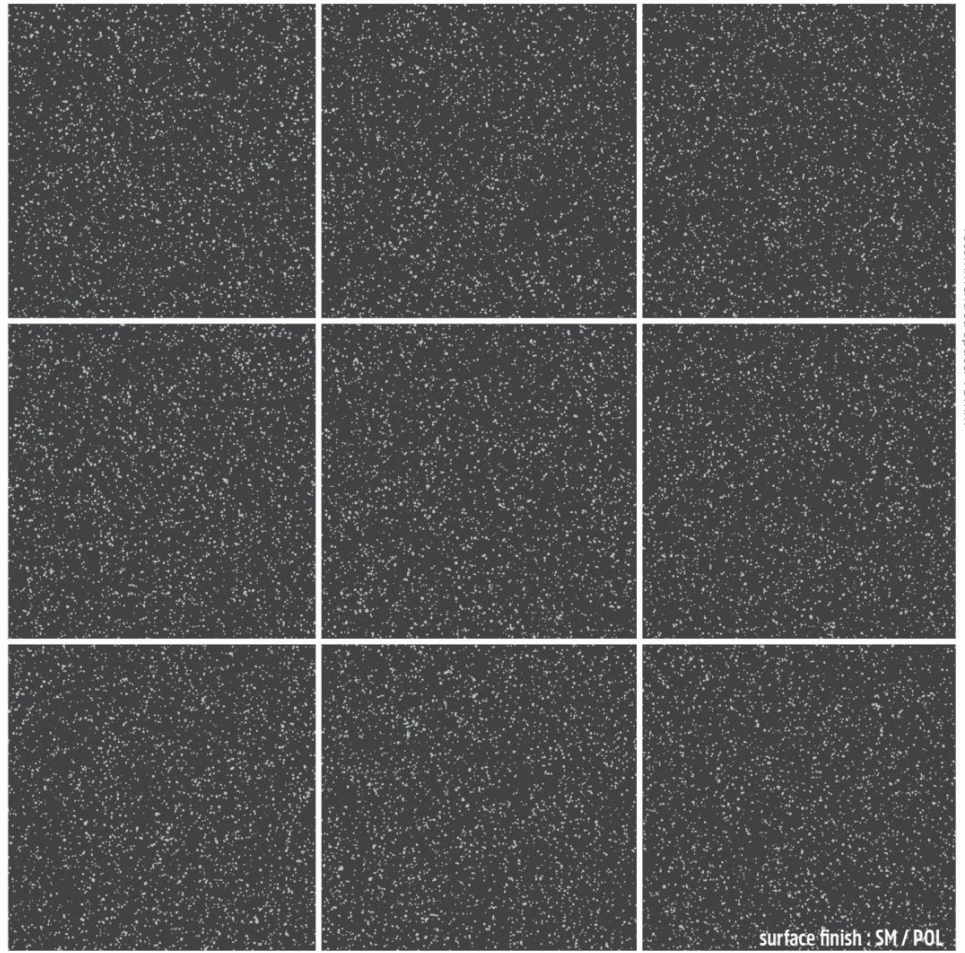
0% Digital Printing





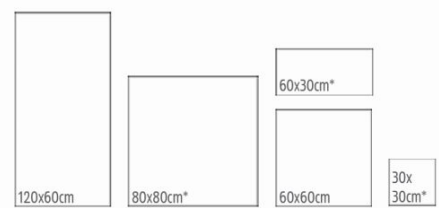
# GRANAMITE COLLECTION

cosmic



recommended spacer : 3mm

surface finish : SM / POL



\* under request (MoQ required)

- Technical Porcelain Tiles
- Homogeneous Full Body Tile
- Absolute Through-Body Design
- Full Body Color
- 0% Glaze Coating
- 0% Digital Printing



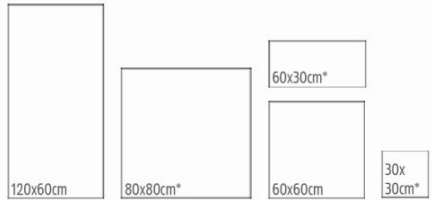


GRANAMITE COLLECTION  
champagne



recommended spacer : 3mm

surface finish : SM / POL



\* under request (MoQ required)

Technical Porcelain Tiles

Homogeneous Full Body Tile

Absolute Through-Body Design

Full Body Color

0% Glaze Coating

0% Digital Printing

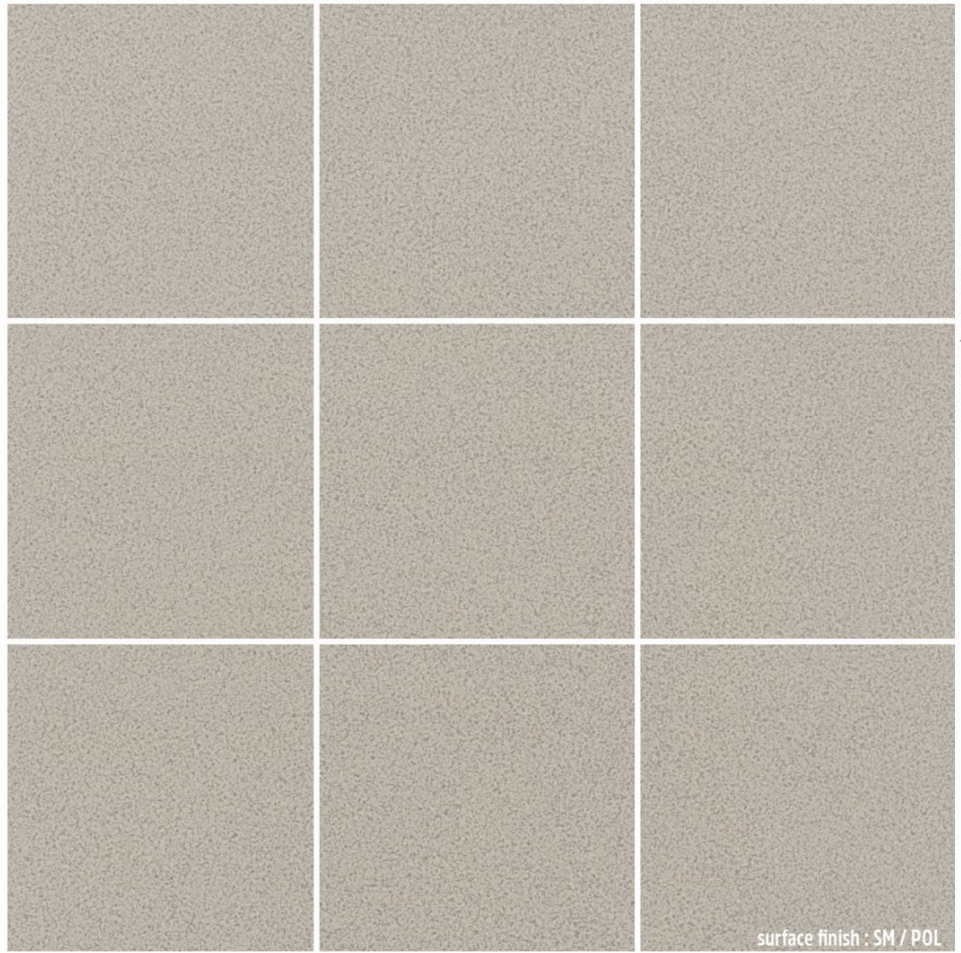




# GRANAMITE COLLECTION

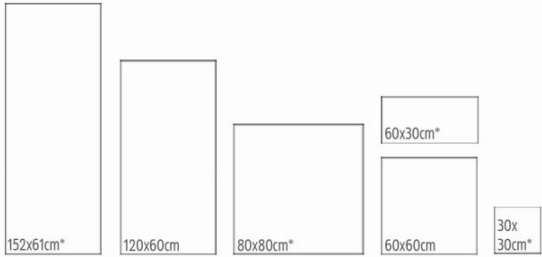
sahara

**Restile**  
every inch of imagination



recommended spacer : 3mm

surface finish : SM / POL



\* under request (MoQ required)

Technical Porcelain Tiles

Homogeneous Full Body Tile

Absolute Through-Body Design

Full Body Color

0% Glaze Coating

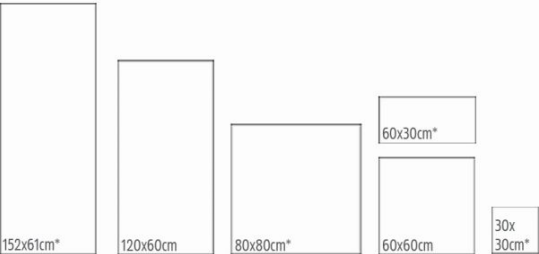
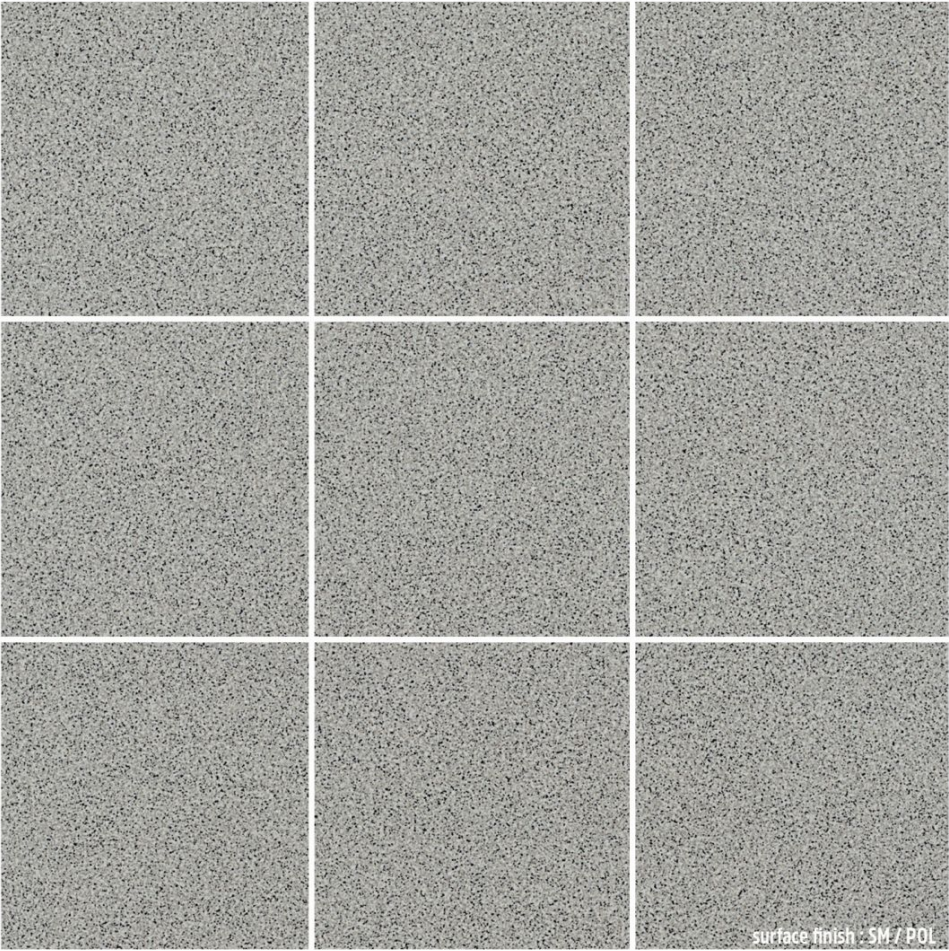
0% Digital Printing





# GRANAMITE COLLECTION

elena



\* under request (MoQ required)

- Technical Porcelain Tiles
- Homogeneous Full Body Tile
- Absolute Through-Body Design
- Full Body Color
- 0% Glaze Coating
- 0% Digital Printing





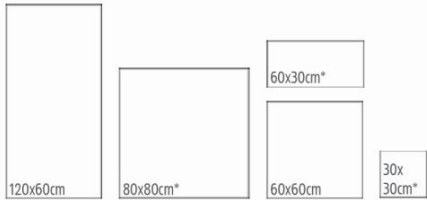
# GRANAMITE COLLECTION

thar



recommended spacer : 3mm

surface finish : SM / POL



\* under request (MoQ required)

- Technical Porcelain Tiles
- Homogeneous Full Body Tile
- Absolute Through-Body Design
- Full Body Color
- 0% Glaze Coating
- 0% Digital Printing





## GRANAMITE COLLECTION

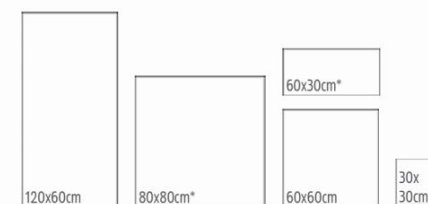
bronze

**Restile**  
every inch of imagination



recommended spacer : 3mm

surface finish : SM / POL



\* under request (MoQ required)

Technical Porcelain Tiles

Homogeneous Full Body Tile

Absolute Through-Body Design

Full Body Color

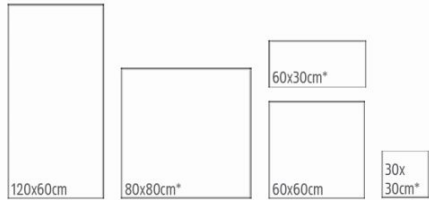
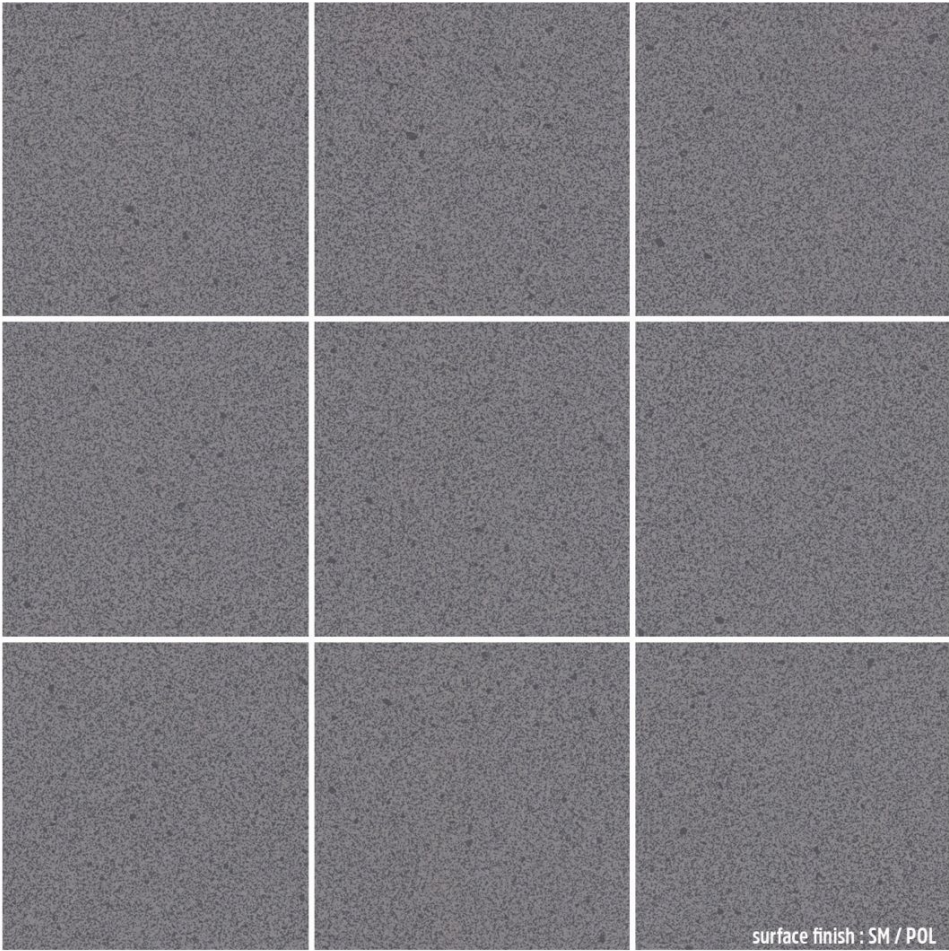
0% Glaze Coating

0% Digital Printing





GRANAMITE COLLECTION  
matrix



\* under request (MoQ required)

- Technical Porcelain Tiles
- Homogeneous Full Body Tile
- Absolute Through-Body Design
- Full Body Color
- 0% Glaze Coating
- 0% Digital Printing

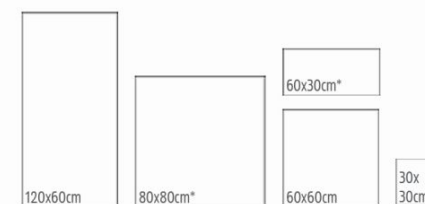




## GRANAMITE COLLECTION

sienna

**Restile**  
every inch of imagination



\* under request (MoQ required)

Technical Porcelain Tiles  
Homogeneous Full Body Tile  
Absolute Through-Body Design  
Full Body Color  
0% Glaze Coating  
0% Digital Printing

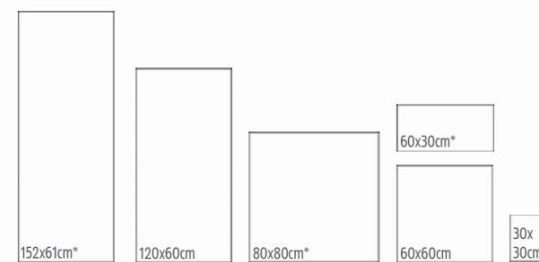
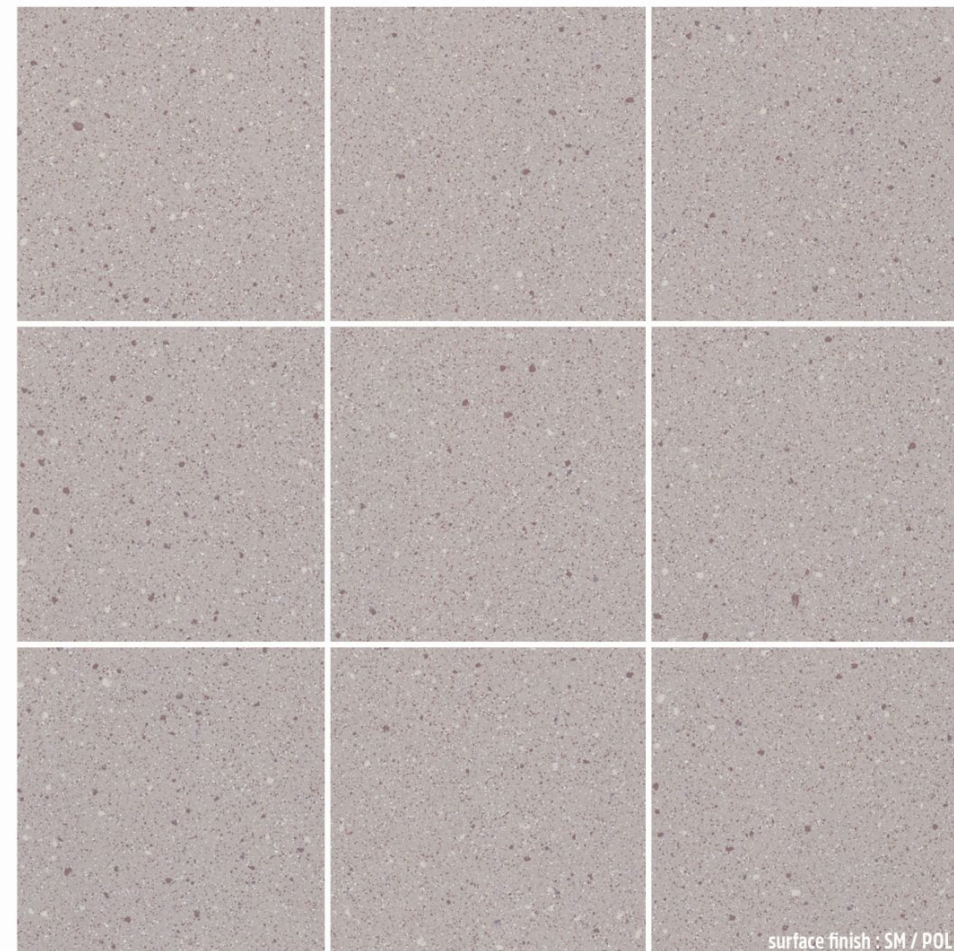




## GRANAMITE COLLECTION

luna

**Restile**  
every inch of imagination



\* under request (MoQ required)

Technical Porcelain Tiles

Homogeneous Full Body Tile

Absolute Through-Body Design

Full Body Color

0% Glaze Coating

0% Digital Printing

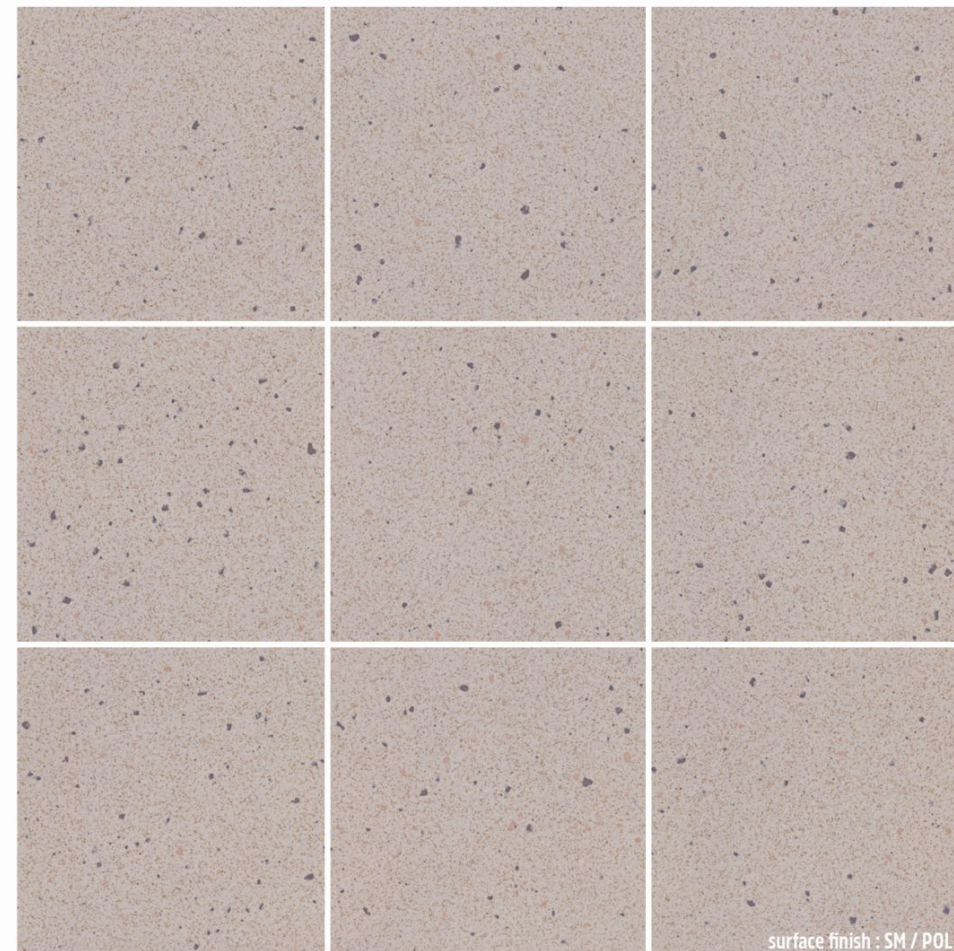




## GRANAMITE COLLECTION

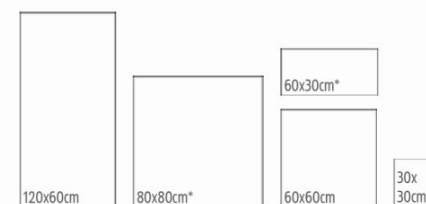
crema

**Restile**  
every inch of imagination



recommended spacer : 3mm

surface finish : SM / POL



\* under request (MoQ required)

Technical Porcelain Tiles

Homogeneous Full Body Tile

Absolute Through-Body Design

Full Body Color

0% Glaze Coating

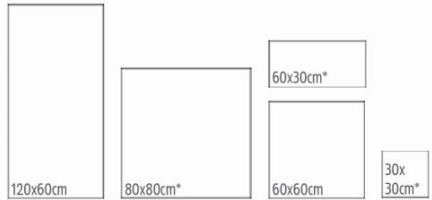
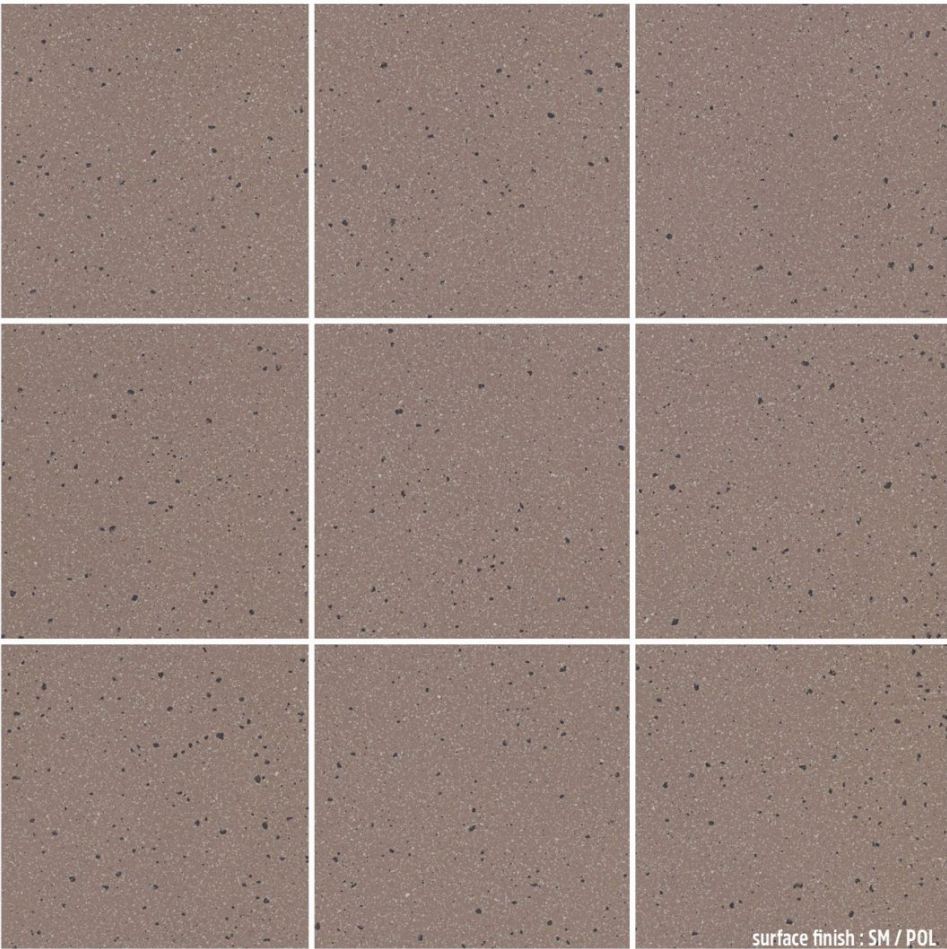
0% Digital Printing





# GRANAMITE COLLECTION

arabia



\* under request (MoQ required)

- Technical Porcelain Tiles
- Homogeneous Full Body Tile
- Absolute Through-Body Design
- Full Body Color
- 0% Glaze Coating
- 0% Digital Printing



# TECHNICAL SPECIFICATIONS

| S.NO                   | PROPERTIES | BIS 15622-2017<br>(group B1a)                          | TEST<br>METHOD                         | RESTILE VALUE<br>300X300X9MM | RESTILE VALUE<br>600X300X9MM                                     | RESTILE VALUE<br>600X600X9MM                                     | RESTILE VALUE<br>800X800X10MM                                    |
|------------------------|------------|--------------------------------------------------------|----------------------------------------|------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|
| DIMENSIONAL PROPERTIES | 1          | Deviation in Length & Width                            | ± 0.1%                                 | BIS 13630-1<br>ISO 10545-2   | ± 0.1%                                                           | ± 0.1%                                                           | ± 0.1%                                                           |
|                        | 2          | Deviation in Thickness                                 | ± 5%                                   | BIS 13630-1<br>ISO 10545-2   | ± 3%                                                             | ± 3%                                                             | ± 3%                                                             |
|                        | 3          | Straightness of Sides                                  | ± 0.1%                                 | BIS 13630-1<br>ISO 10545-2   | ± 0.1%                                                           | ± 0.1%                                                           | ± 0.1%                                                           |
|                        | 4          | Rectangularity                                         | ± 0.1%                                 | BIS 13630-1<br>ISO 10545-2   | ± 0.1%                                                           | ± 0.1%                                                           | ± 0.1%                                                           |
|                        | 5          | Surface Flatness                                       |                                        |                              |                                                                  |                                                                  |                                                                  |
|                        |            | a. Centre Curvature                                    | ± 0.5%                                 | BIS 13630-1<br>ISO 10545-2   | ± 0.15%                                                          | ± 0.15%                                                          | ± 0.15%                                                          |
|                        |            | b. Edge Curvature                                      | ± 0.5%                                 | BIS 13630-1<br>ISO 10545-2   | ± 0.15%                                                          | ± 0.15%                                                          | ± 0.15%                                                          |
|                        |            | c. Warpage                                             | ± 0.5%                                 | BIS 13630-1<br>ISO 10545-2   | ± 0.15%                                                          | ± 0.15%                                                          | ± 0.15%                                                          |
| PHYSICAL PROPERTIES    | 6          | Surface Quality                                        | Min.95% free from visible defects      | BIS 13630-1<br>ISO 10545-2   | Min. 95%                                                         | Min. 95%                                                         | Min. 95%                                                         |
|                        | 7          | Water Absorption by weight                             | Average < 0.08%<br>Individual 0.1% Max | BIS 13630-2<br>ISO 10545-3   | < 0.08%                                                          | < 0.08%                                                          | < 0.08%                                                          |
|                        | 8          | Modulus of Rupture (N/mm <sup>2</sup> )                | Average 35<br>Individual 32 Min.       | BIS 13630-6<br>ISO 10545-4   | Avg. 37                                                          | Avg. 37                                                          | Avg. 37                                                          |
|                        | 9          | Breaking Strength (N)                                  | 1300 Min.                              | BIS 13630-6<br>ISO 10545-4   | > 2300                                                           | > 2200                                                           | > 2400                                                           |
|                        | 10         | Moisture Expansion (mm/m)                              | 0.02 Max                               | BIS 13630-3<br>ISO 10545-10  | Nil                                                              | Nil                                                              | Nil                                                              |
|                        | 11         | Scratch Hardness on Surface (on Moh's Scale)           | 5 Min.                                 | BIS 13630-13                 | 6 Min.                                                           | 6 Min.                                                           | 6 Min.                                                           |
|                        | 12         | Resistance to deep abrasion (unglazed tiles)           | 140 Max                                | BIS 13630-12<br>ISO 10545-6  | < 140                                                            | < 140                                                            | < 140                                                            |
|                        | 13         | Thermal Shock Resistance                               | 10 cycles Min.                         | BIS 13630-5<br>ISO 10545-9   | No Damage                                                        | No Damage                                                        | No Damage                                                        |
|                        | 14         | Impact Resistance (co-efficient of Restitution)        | 0.55 Min.                              | BIS 13630-14<br>ISO 10545-5  | 0.55                                                             | 0.55                                                             | 0.55                                                             |
|                        | 15         | Anti-Slip Resistance (co-efficient of Friction)        | Manufacture to declare value           | ISO 10545-17                 | SM: R>10   u>0.6<br>Sandy: R>11   u>0.65<br>Flamed: R>12   u>0.7 | SM: R>10   u>0.6<br>Sandy: R>11   u>0.65<br>Flamed: R>12   u>0.7 | SM: R>10   u>0.6<br>Sandy: R>11   u>0.65<br>Flamed: R>12   u>0.7 |
| CHEMICAL PROPERTIES    | 16         | Bulk Density (g/cc)                                    | 2.2 Min.                               | BIS 13630-02                 | > 2.2                                                            | > 2.2                                                            | > 2.2                                                            |
|                        | 17         | Resistance to Stains (unglazed tiles)                  | Class 2, Min.                          | BIS 13630-08<br>ISO 10545-13 | Class 2, Min.                                                    | Class 2, Min.                                                    | Class 2, Min.                                                    |
|                        | 18         | Resistance to Chemicals (unglazed tiles)               |                                        |                              |                                                                  |                                                                  |                                                                  |
|                        |            | a. Resistance to low concentration of acids & alkalis  | Required                               | BIS 13630-07<br>ISO 10545-13 | Resistant                                                        | Resistant                                                        | Resistant                                                        |
|                        |            | b. Resistance to high concentration of acids & alkalis | Required                               |                              | Resistant                                                        | Resistant                                                        | Resistant                                                        |
|                        |            | c. Resistance to household chemicals                   | Required                               |                              | Resistant                                                        | Resistant                                                        | Resistant                                                        |



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