

**PGVT**  
600 x 1200 mm

**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE

**New Collection**  
Of  
**Endless | Terrazzo**





# Endless Marble Collection

Glossy Finish



**benburg  
ice**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**benburg  
ice**



**endless**  
collection

**600x  
1200mm**



 Finish: **GLOSSY**





gosfil  
brown



600x  
1200mm



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**gosfil  
brown**



**endless**  
collection

**600x  
1200mm**

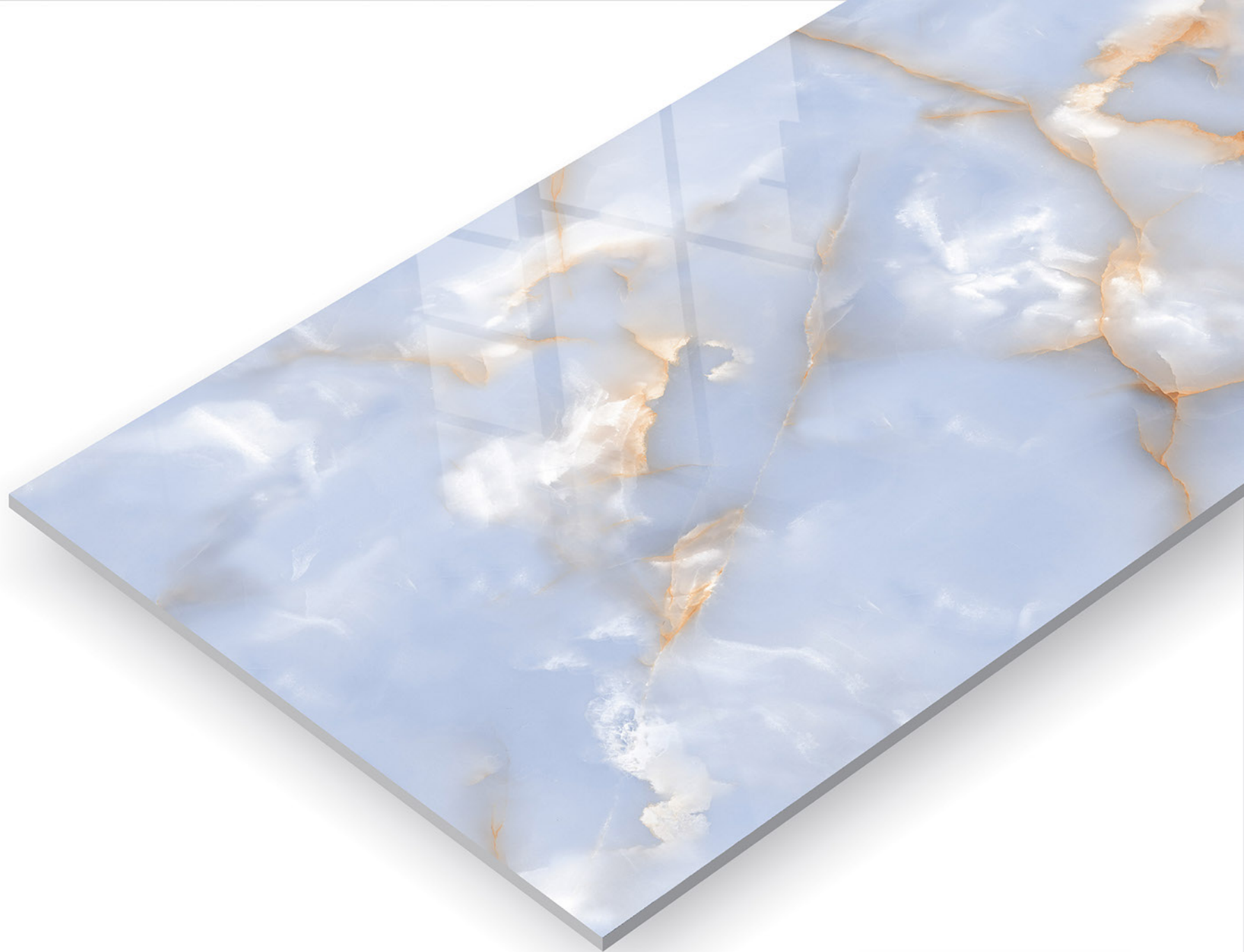


 Finish: **GLOSSY**





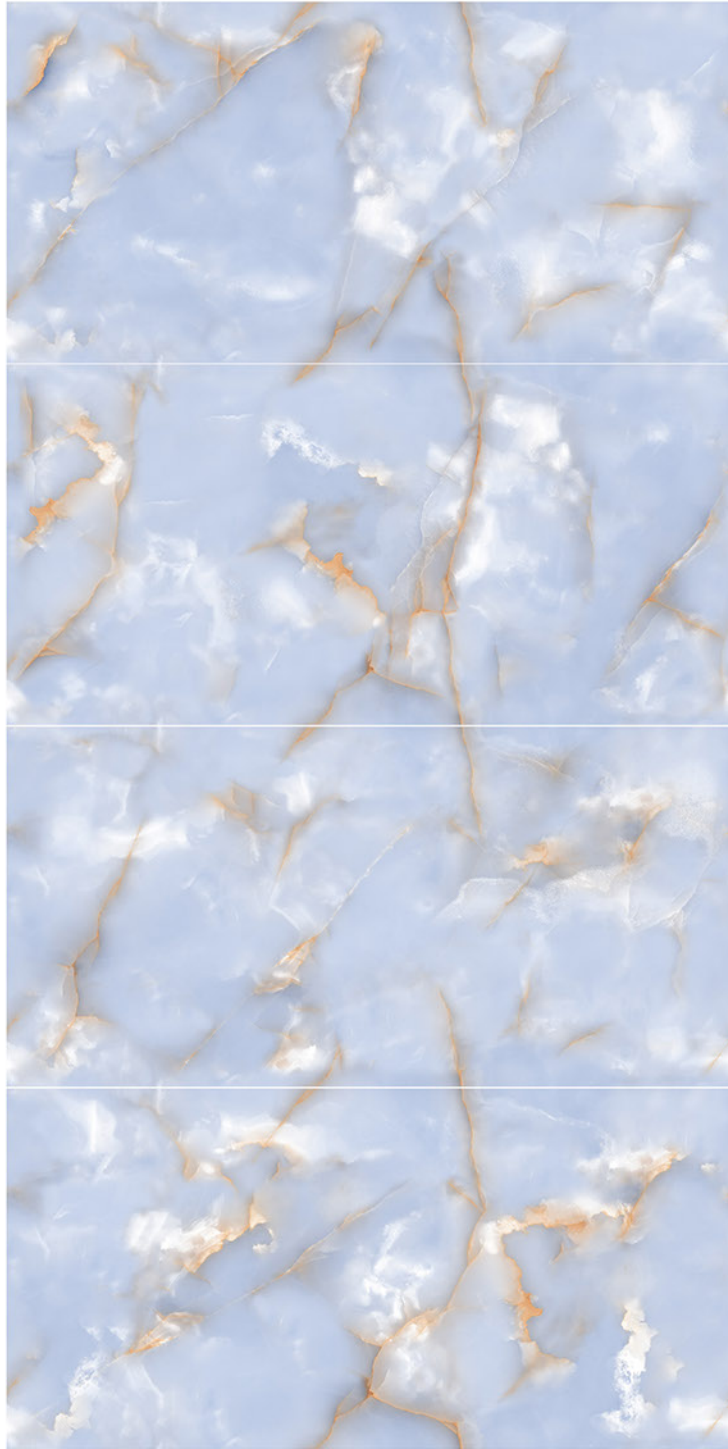
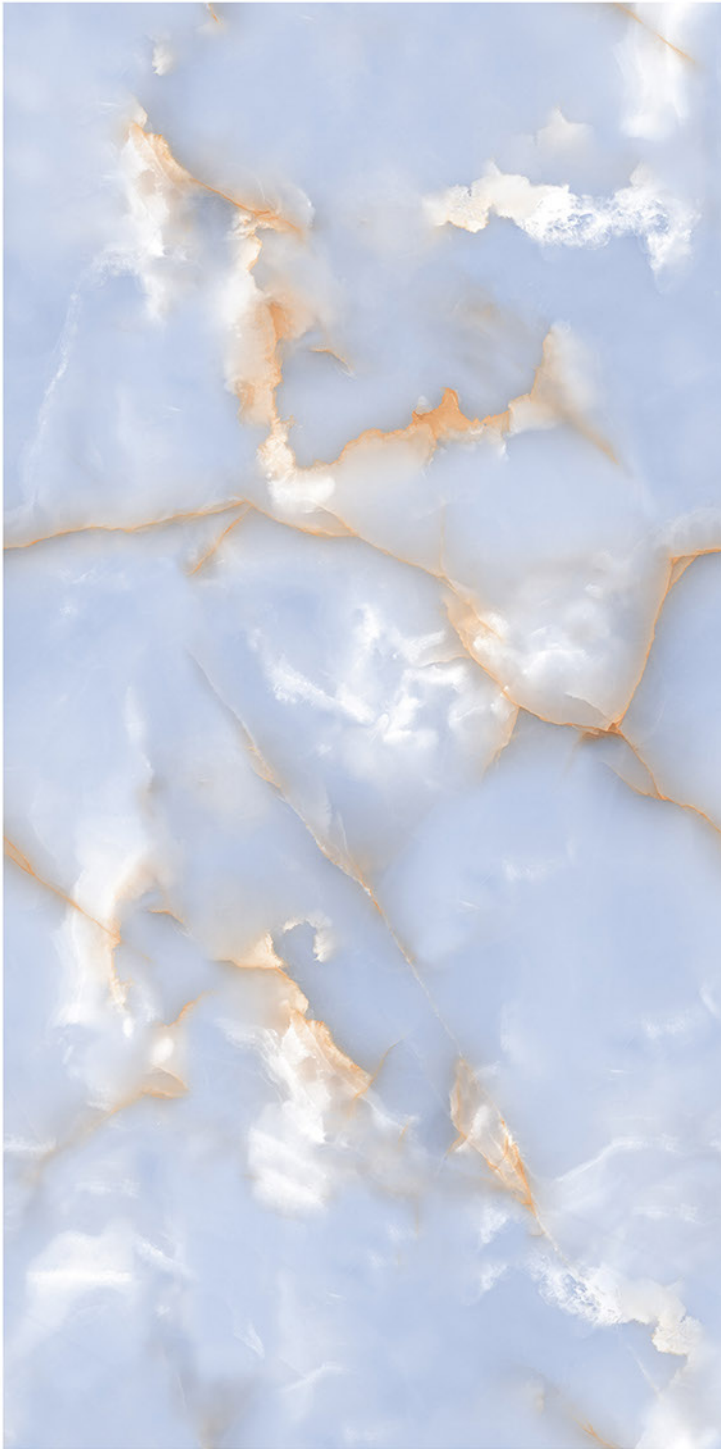
**myraonyx  
blue**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**myraonyx  
blue**




**endless**  
collection

**600x  
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

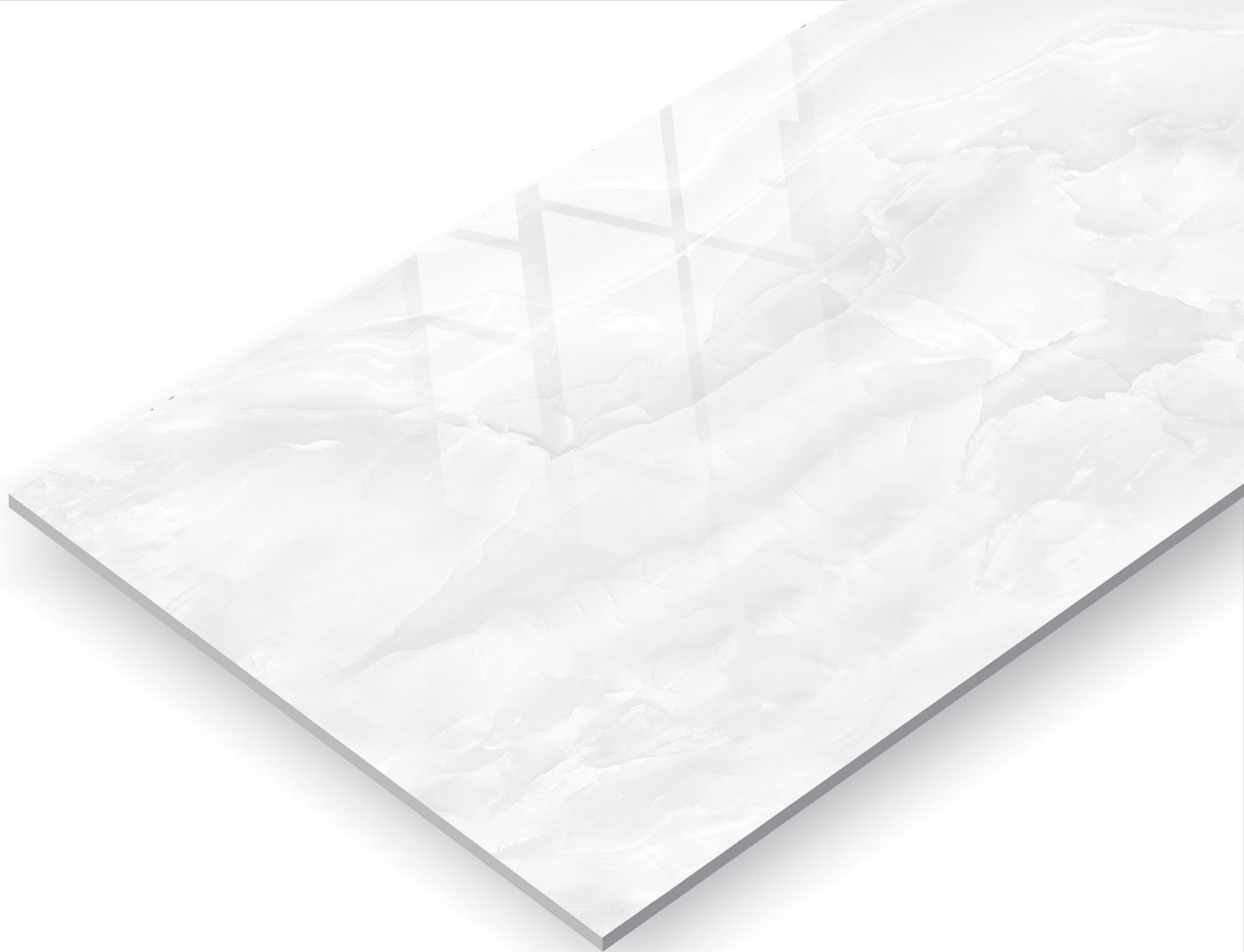
 RANDOM DESIGN

 LOW MAINTENANCE





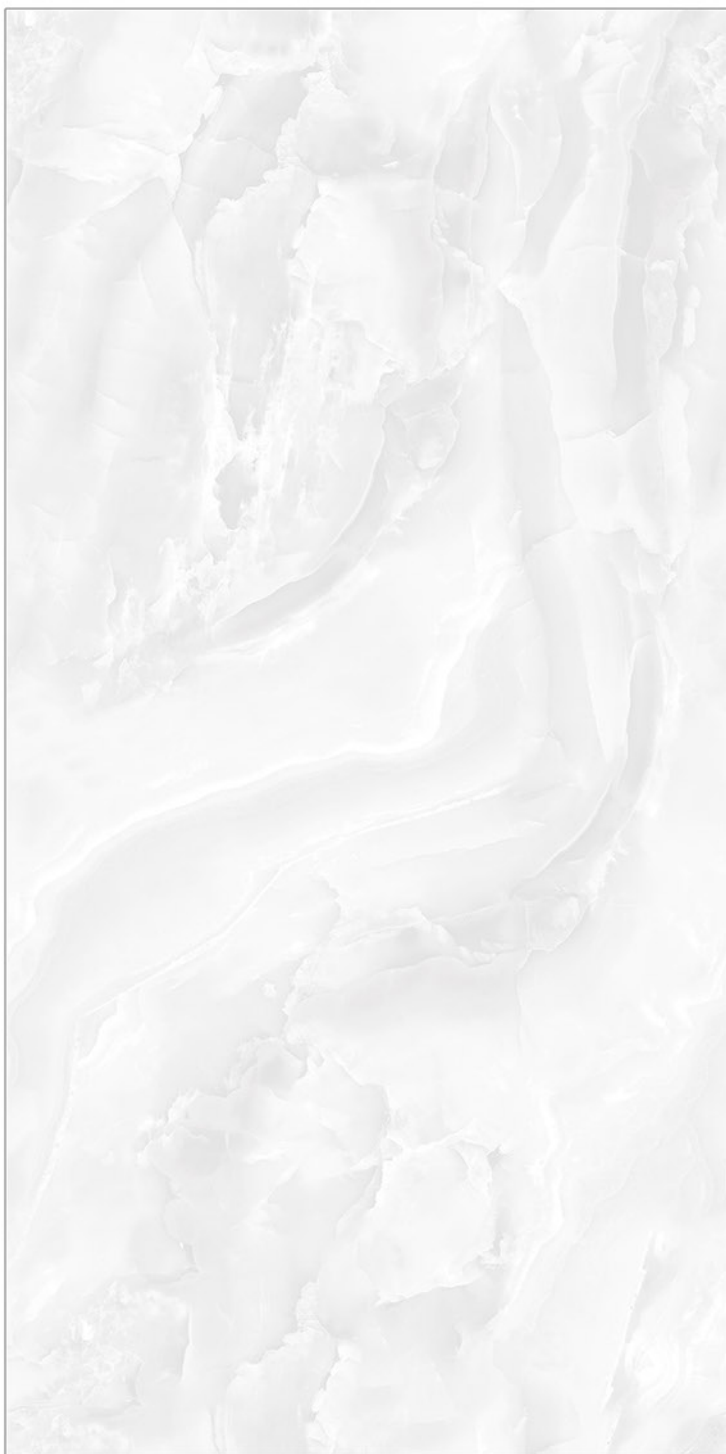
**rhinonyx  
white**



**600x  
1200mm**



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MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**rhinonyx  
white**



**endless**  
collection

**600x  
1200mm**



 Finish: **GLOSSY**





**sautos  
milky**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**sautos  
milky**



**endless**  
collection

**600x  
1200mm**



 Finish: **GLOSSY**





**paullo  
silver**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**paullo  
silver**



**endless**  
collection

**600x  
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**cemania  
crema**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**cemania  
crema**



**endless**  
collection

**600x  
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE





**cemania  
silver**



**600x  
1200mm**



**Lemzon<sup>®</sup>**  
MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**cemania  
silver**



**endless**  
collection

**600x  
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**daina  
supremo**

**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**daino  
supremo**



**endless**  
collection

**600x  
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**dorado  
grey**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**dorado  
grey**



**endless**  
collection

**600x  
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



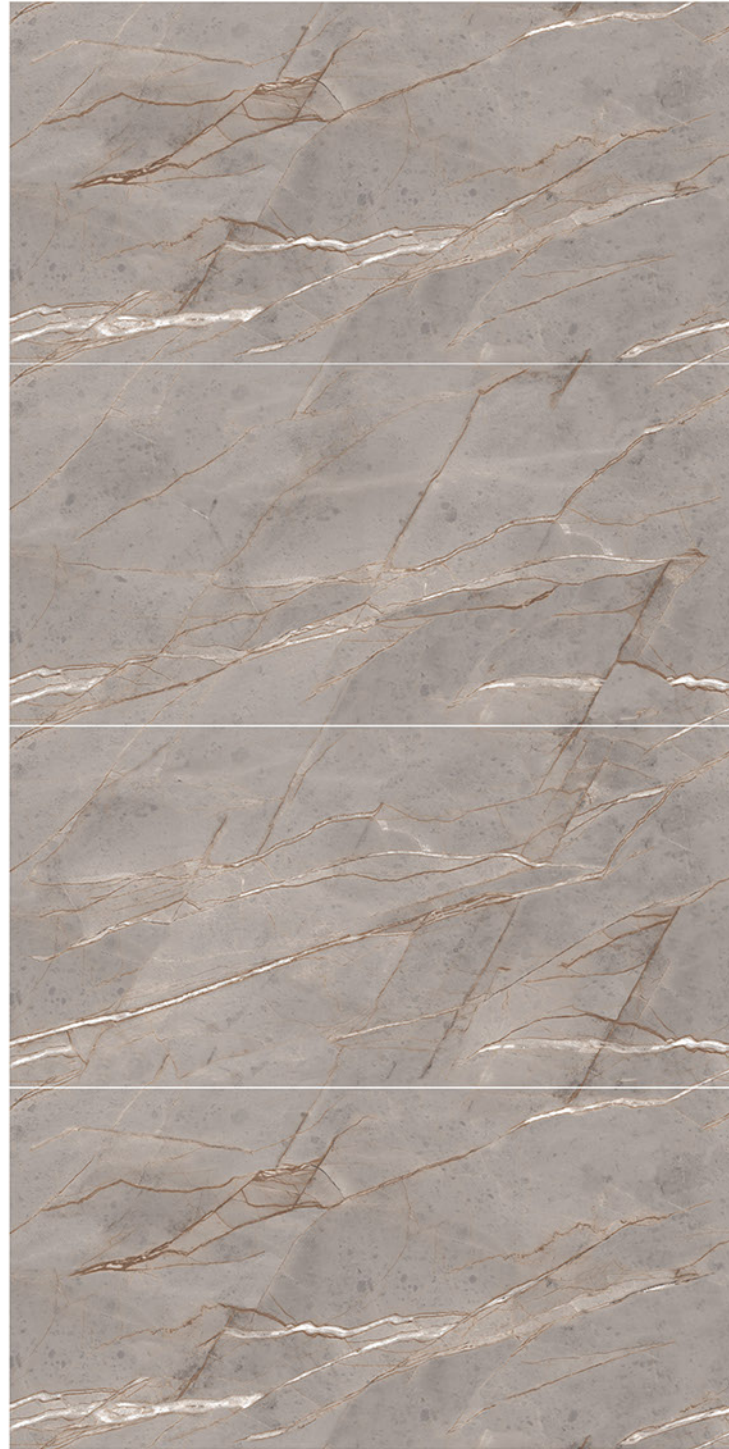
**gamlin  
grey**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**gamlin  
grey**



**endless**  
collection

**600x  
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE





**havana  
crema**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**havana  
crema**



**endless**  
collection

**600x  
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**hebdon  
crema**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**hebdon  
crema**



**endless**  
collection

**600x  
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE

**pizori  
grey**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**pizori  
grey**

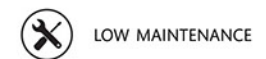


**endless**  
collection

**600x  
1200mm**



 Finish: **GLOSSY**





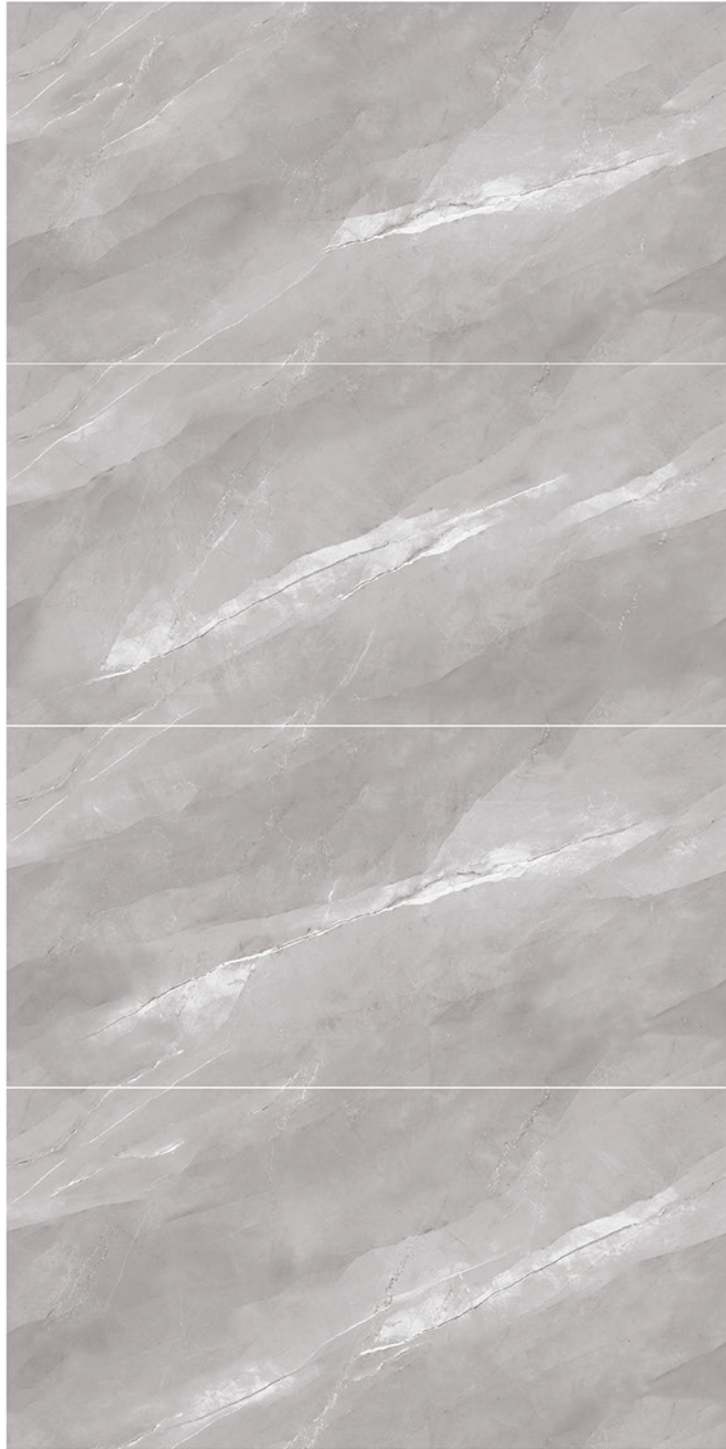
**roston  
grey**



**600x  
1200mm**



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MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**roston  
grey**



**endless**  
collection

**600x  
1200mm**



 Finish: **GLOSSY**







**solvenia  
grey**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**solvenia  
grey**




**endless**  
collection

**600x  
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



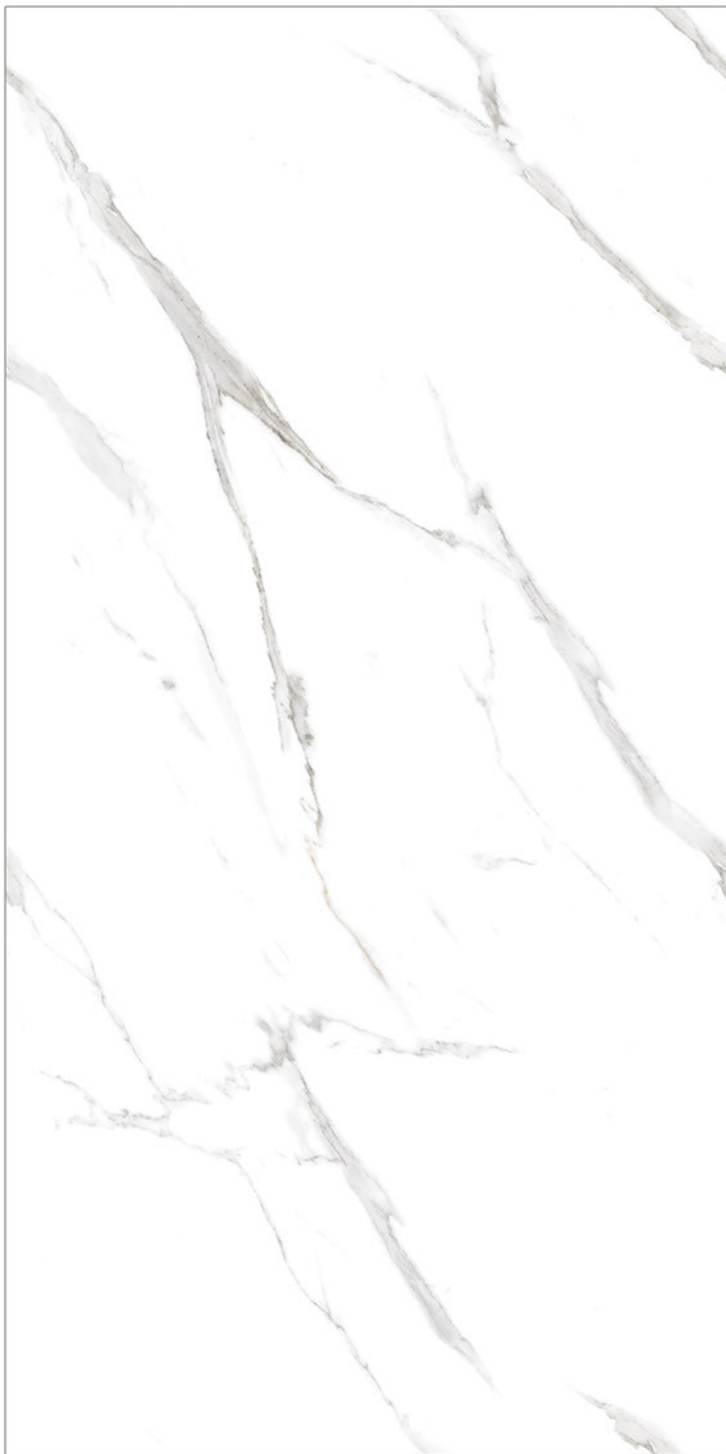
**bonica  
carrara**



**600x  
1200mm**



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MAGNIFICAT SURFACE




**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE

**bonica  
carrara**



**600x  
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



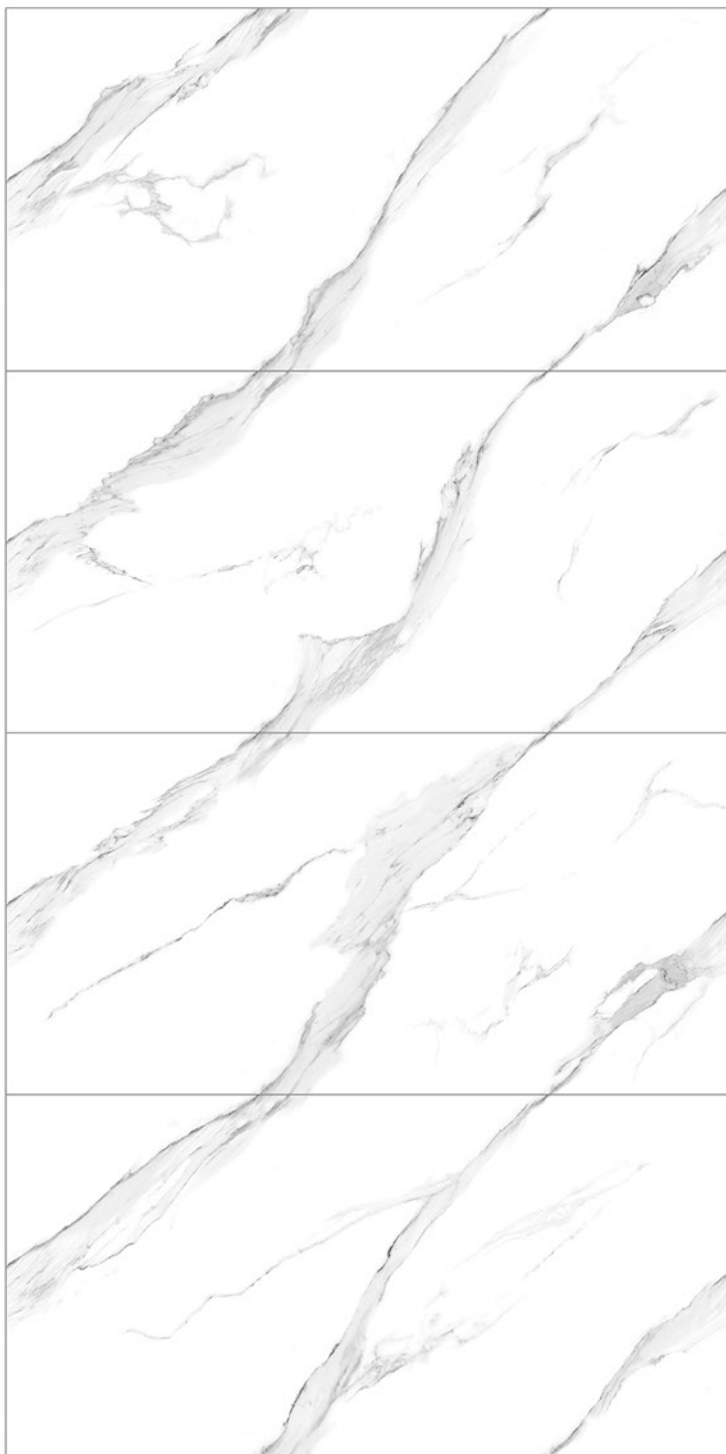
**coralito  
carrara**



**600x  
1200mm**



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MAGNIFICAT SURFACE




**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE

**coralito  
carrara**



**600x  
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



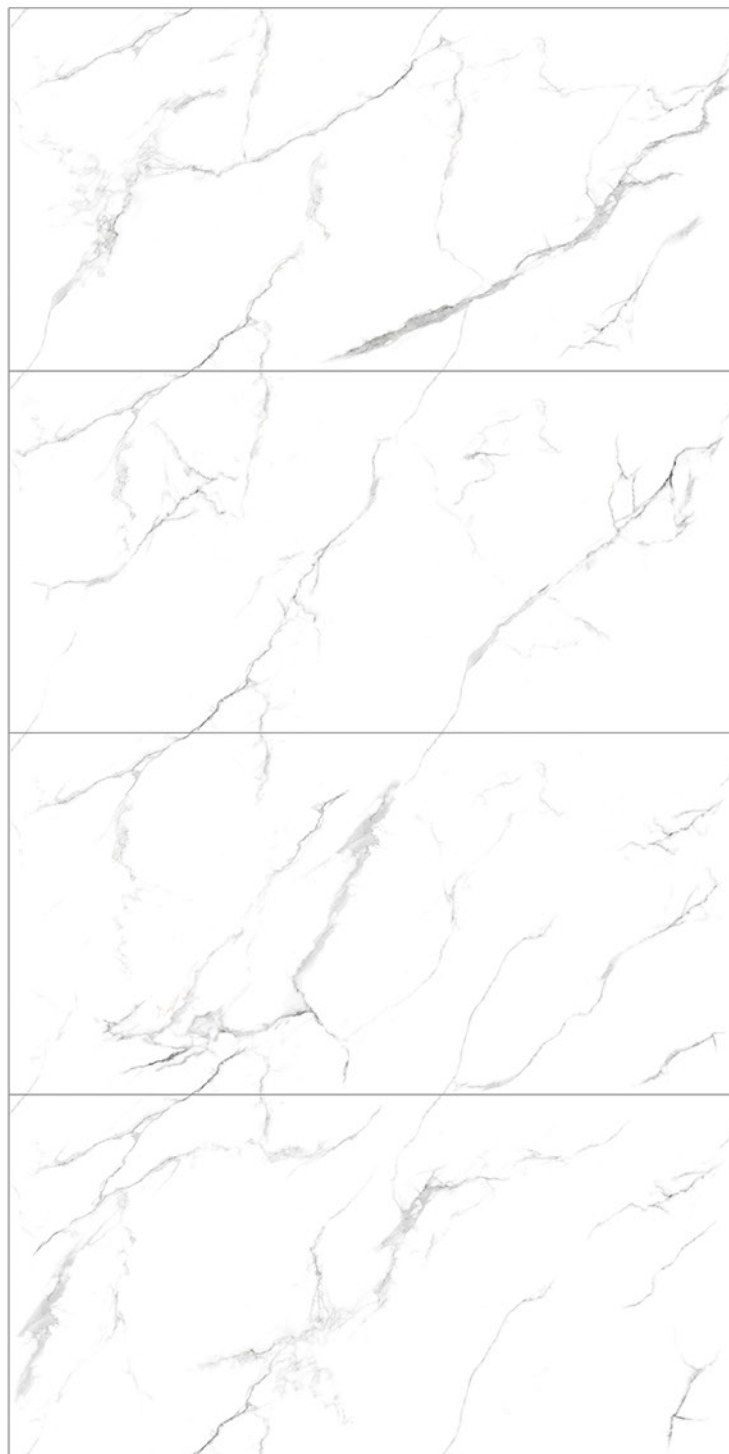
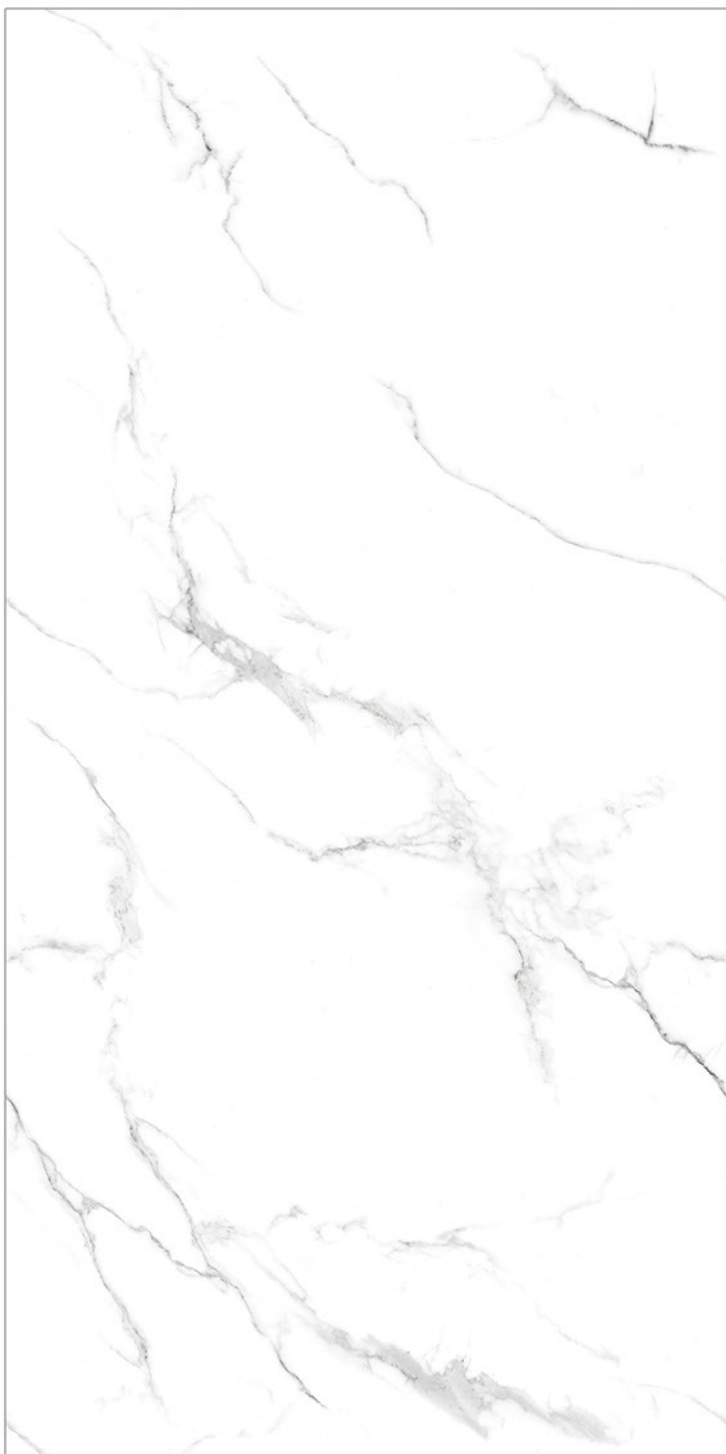
**marinace  
statuario**



**600x  
1200mm**



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MAGNIFICAT SURFACE




**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE

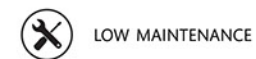
## marinate statuario



**600x  
1200mm**



 Finish: **GLOSSY**







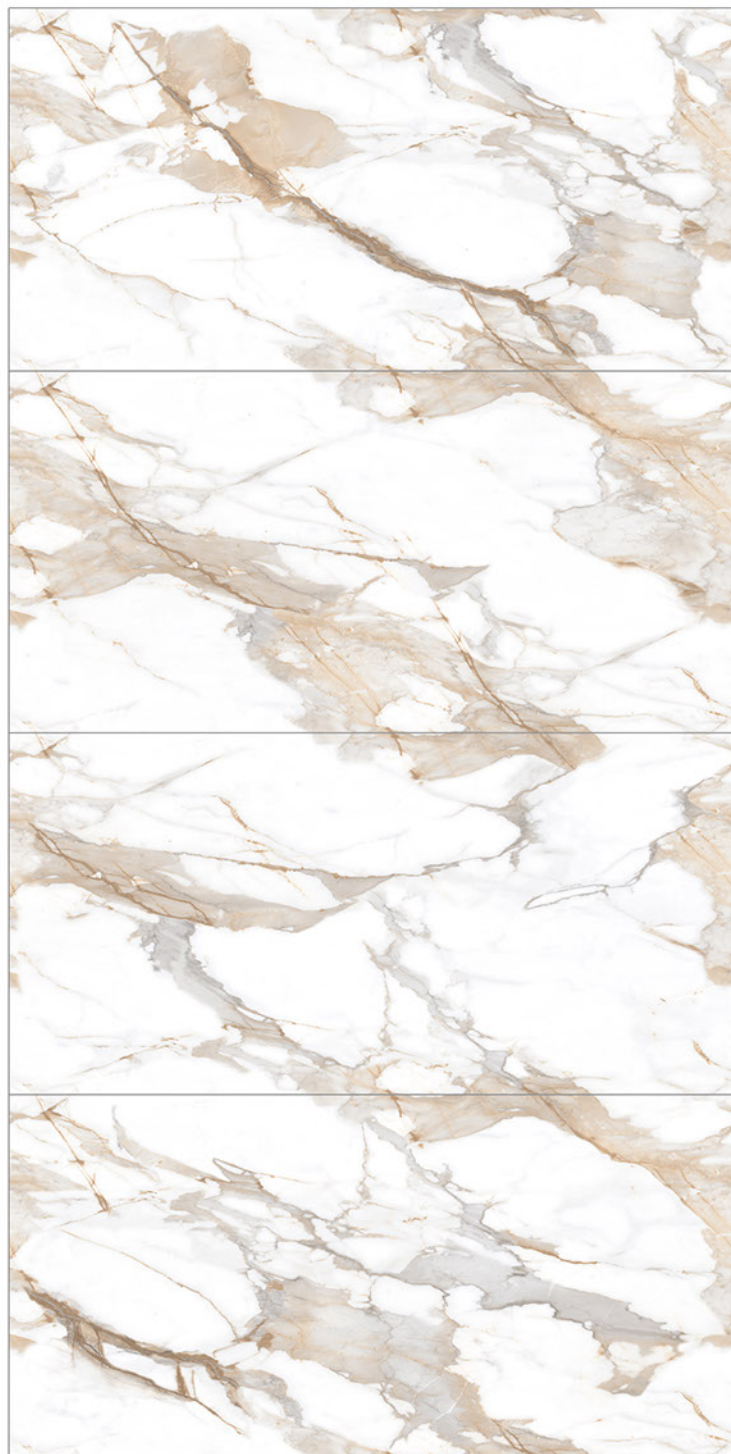
**melita  
carrara**



**600x  
1200mm**



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MAGNIFICAT SURFACE



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE

**melita  
carrara**



**600x  
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**indio onyx  
grey**



**600x  
1200mm**



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MAGNIFICAT SURFACE




**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE

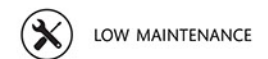
## indio onyx grey



**600x  
1200mm**

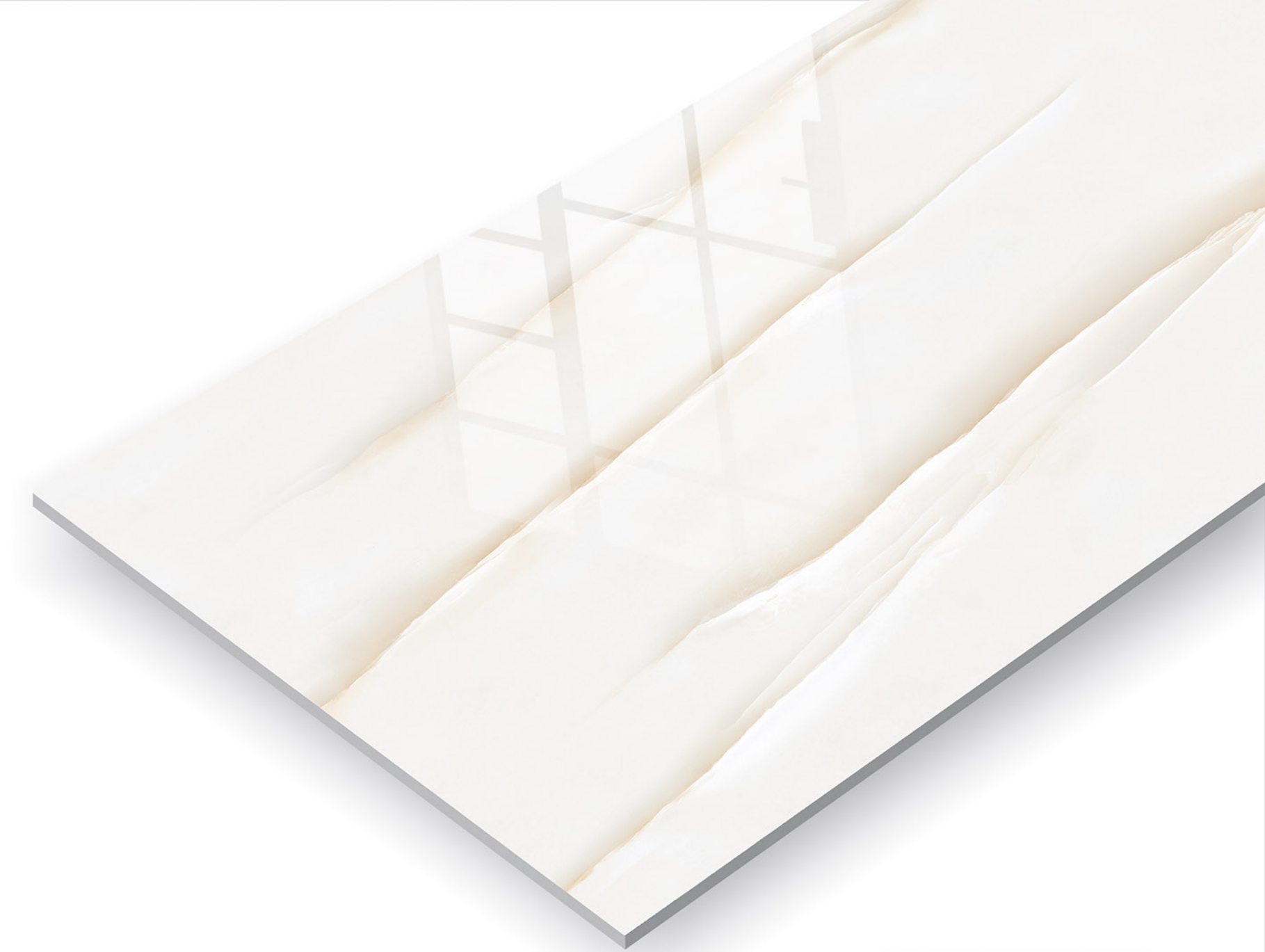


 Finish: **GLOSSY**





angola  
onyx



600x  
1200mm



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MAGNIFICAT SURFACE

**angola  
onyx**



**600x  
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**beverelly  
beige**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE




**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE


**beverelly  
beige**



**600x  
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE





**cohiba  
natural**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE




**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE

**cohiba  
natural**



**600x  
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**levante  
botticiano**



**600x  
1200mm**



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MAGNIFICAT SURFACE




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MAGNIFICAT SURFACE

## levante botticciano



**600x  
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE

**argonite  
bronze**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE




**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE

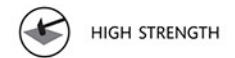
## argonite bronze



**600x  
1200mm**



 Finish: **GLOSSY**



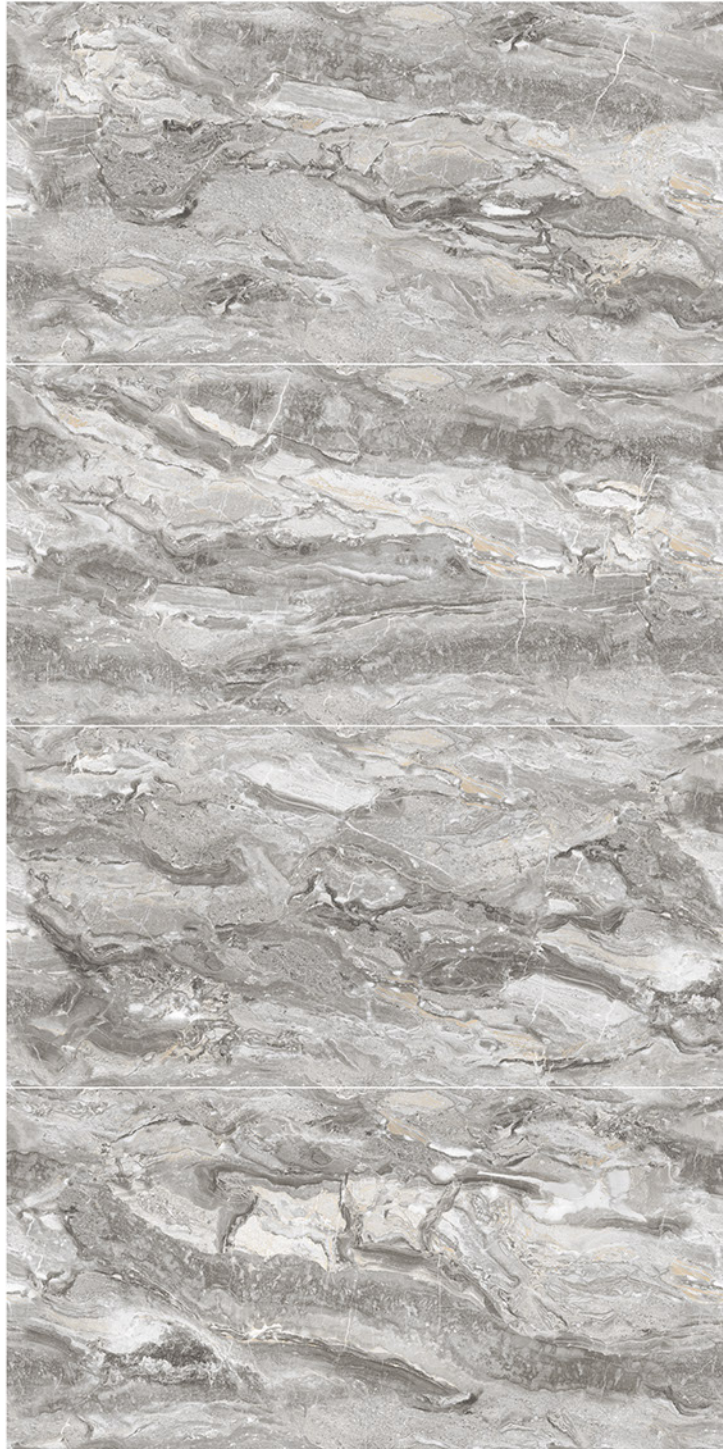


marengo  
grey

600x  
1200mm



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE




**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE

**marengo  
grey**



**600x  
1200mm**




 Finish: **GLOSSY**

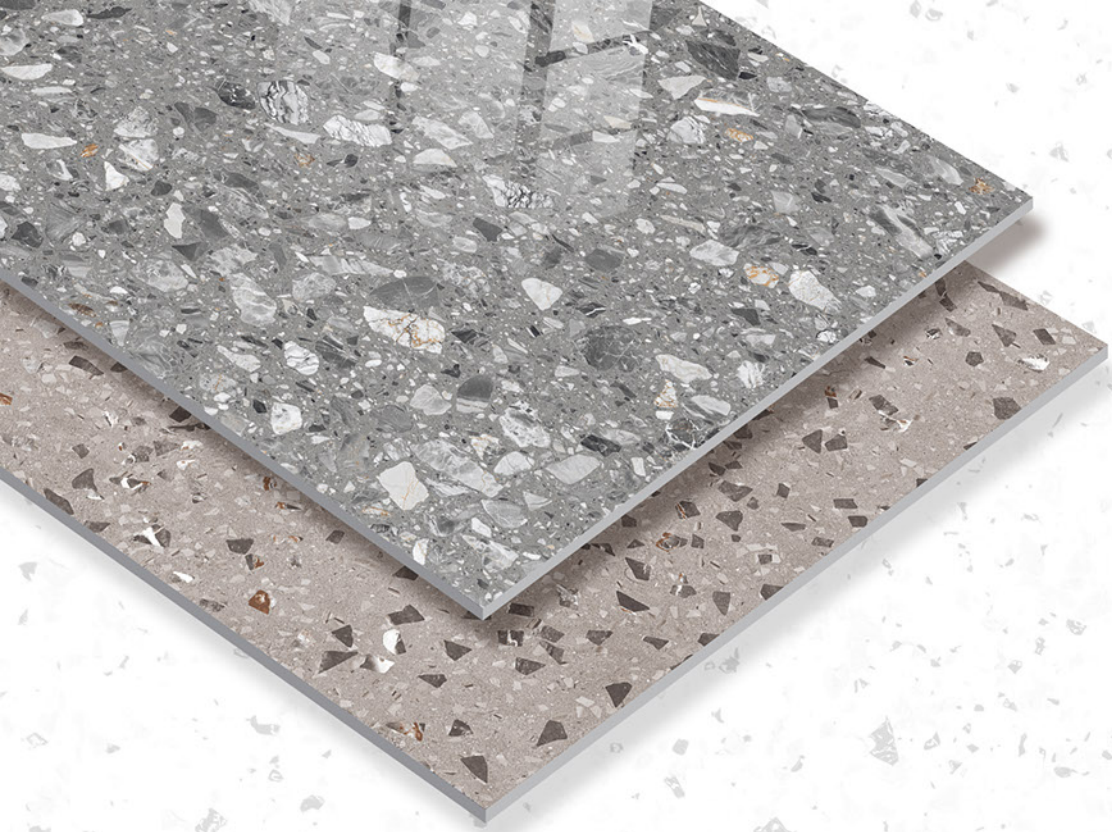
 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



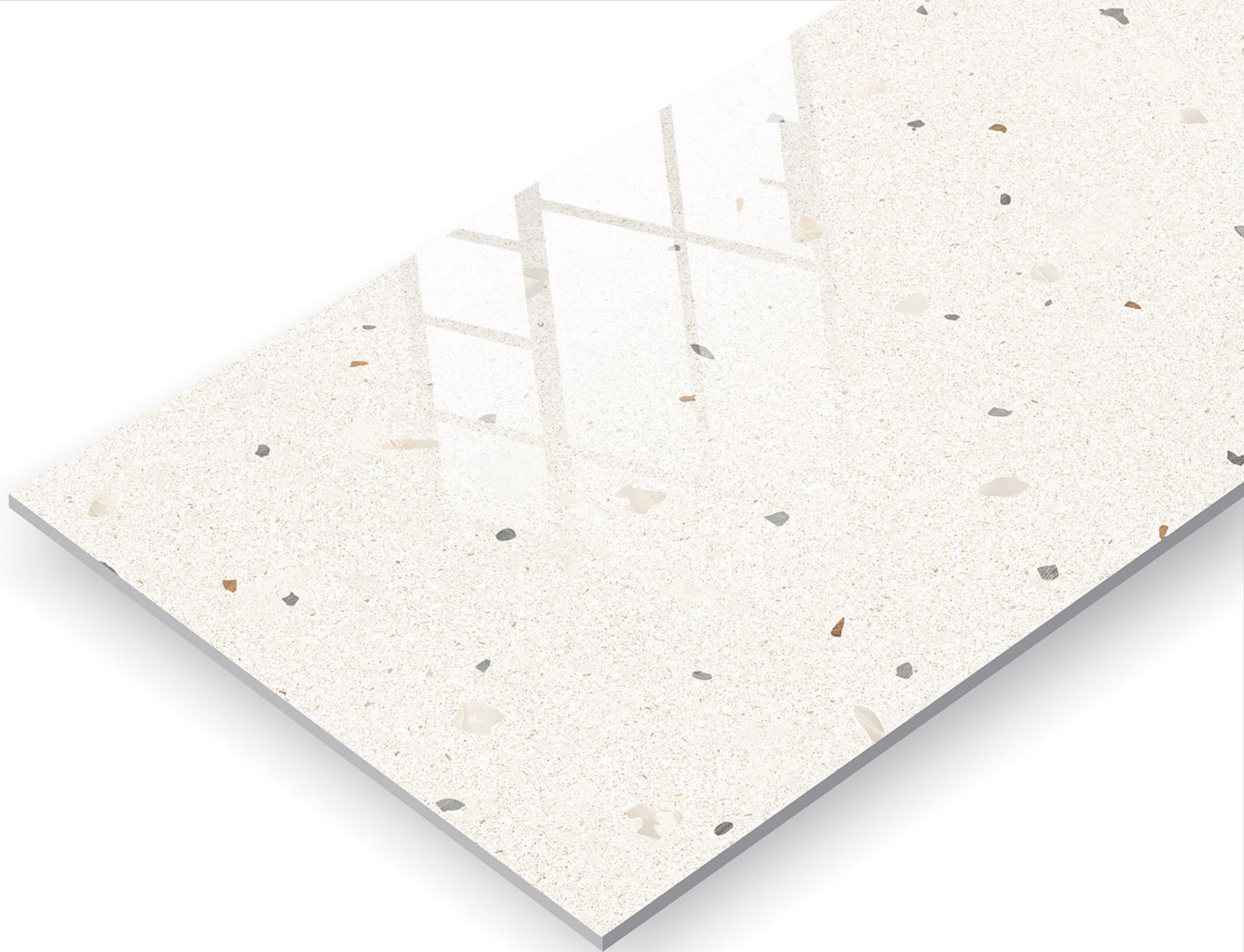


# **Terrazzo Collection**

Glossy Finish



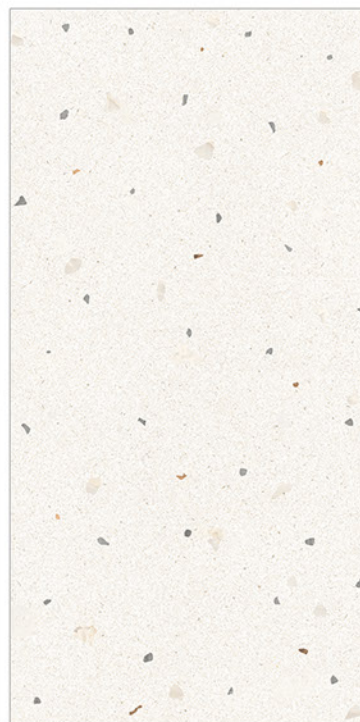
**arrowroot  
crema**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE

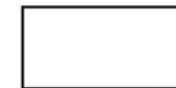



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE

**arrowroot  
crema**



**600x  
1200mm**

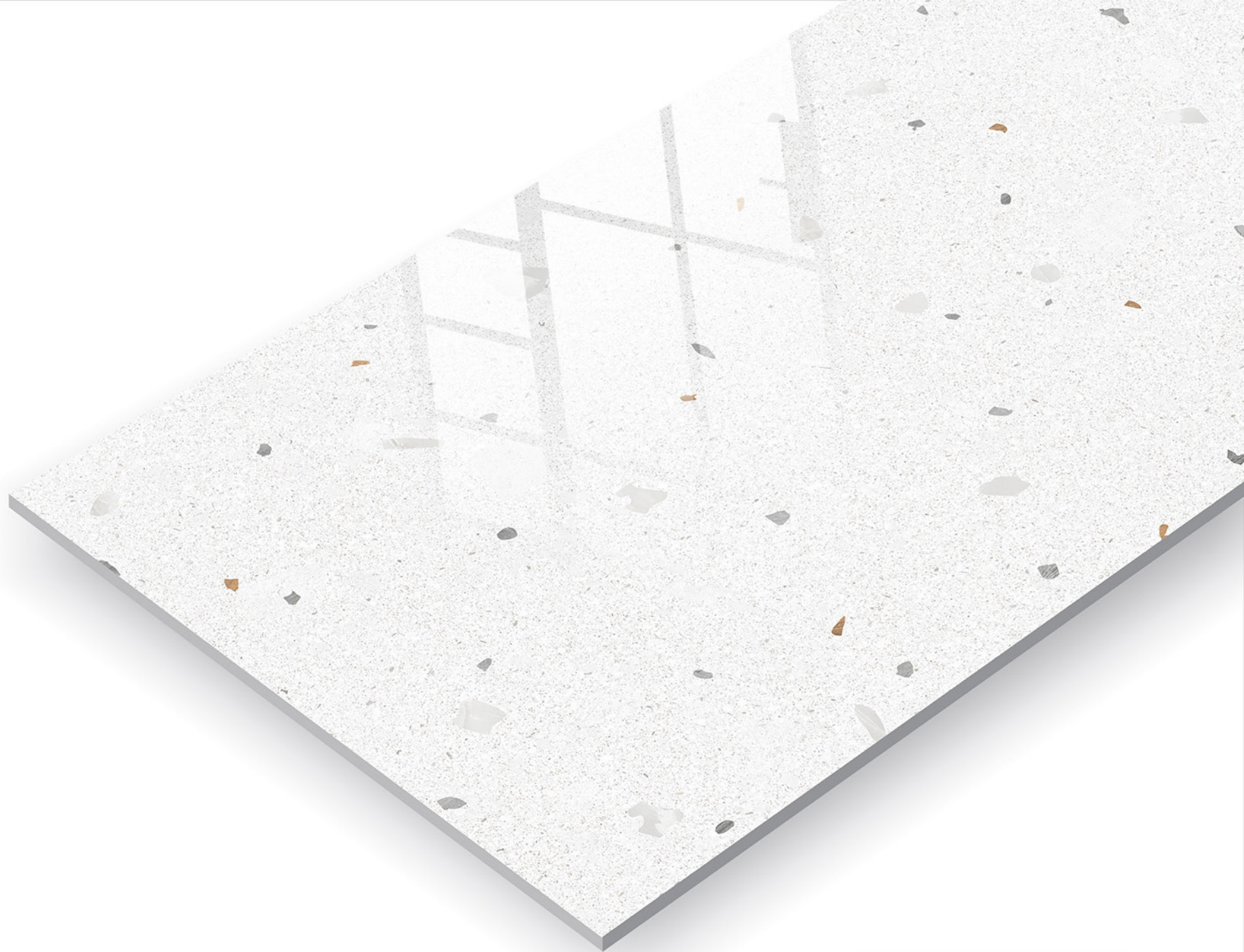


 Finish: **GLOSSY**





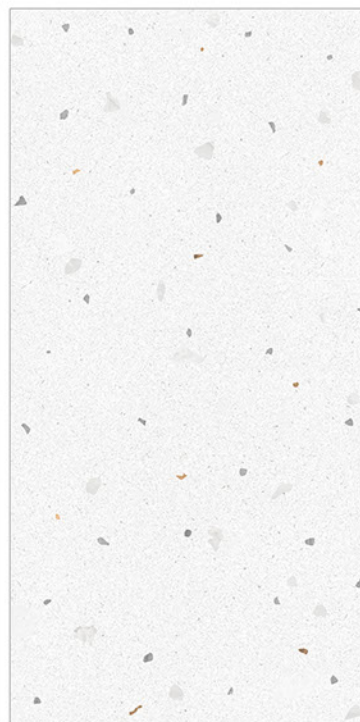
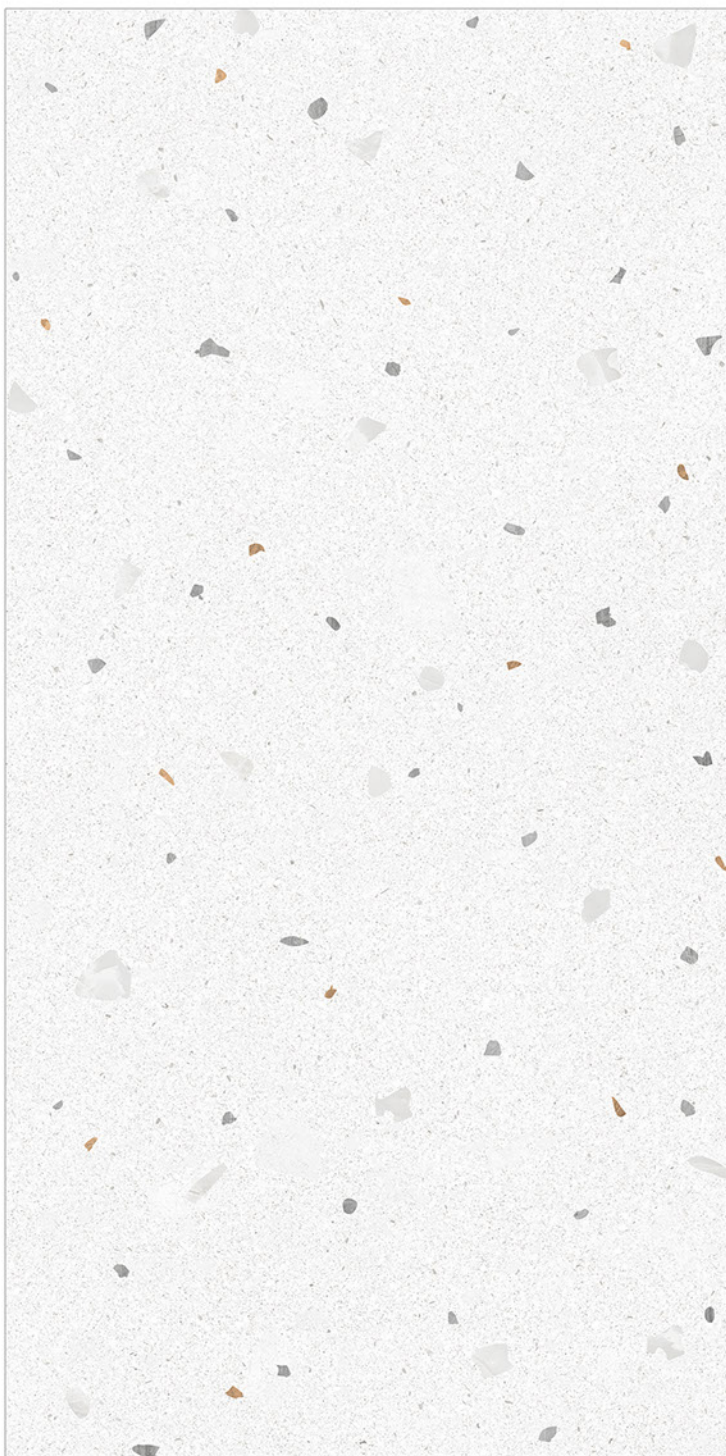
**arrowroot  
white**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE

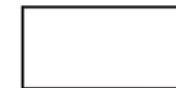



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE

**arrowroot  
white**



**600x  
1200mm**

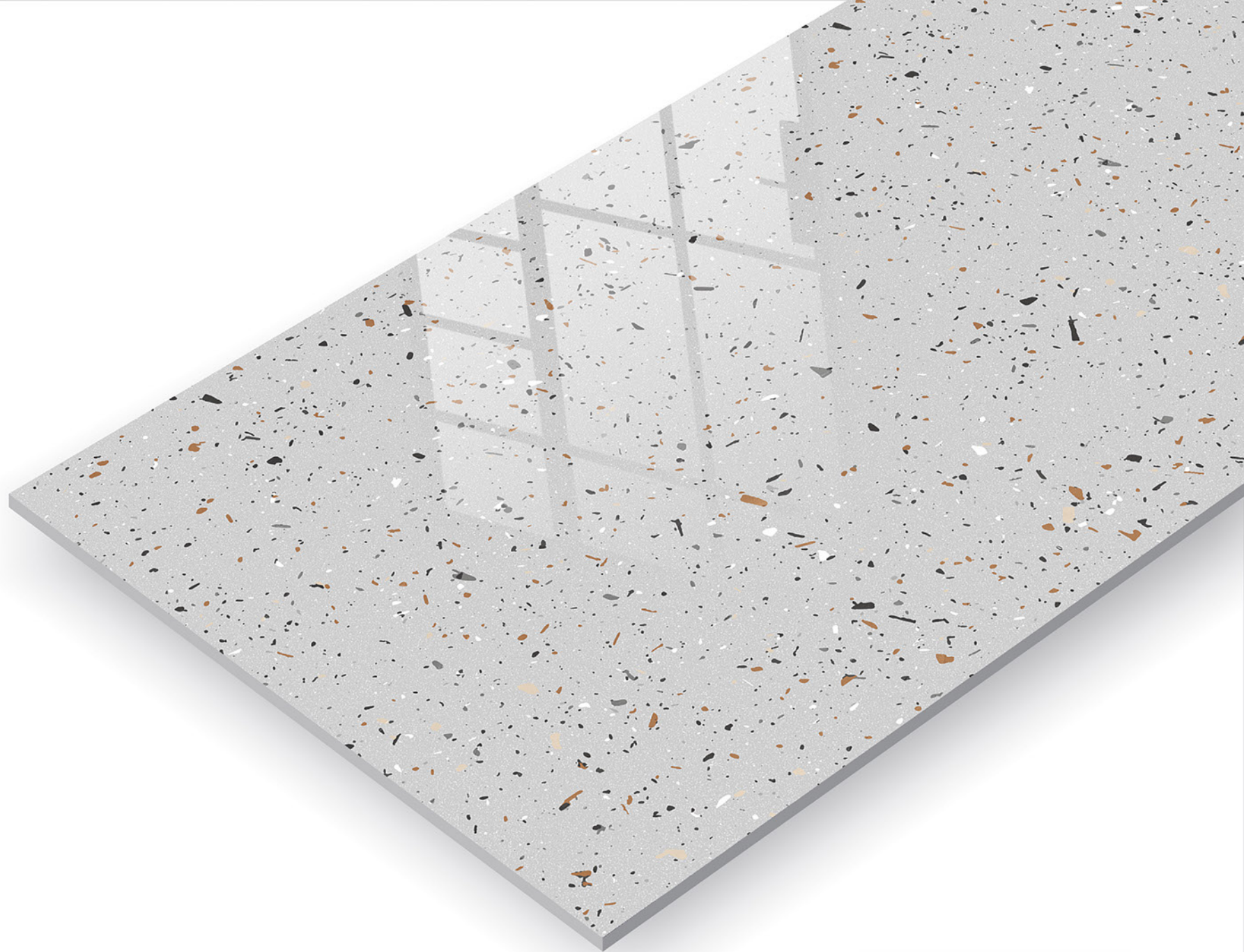


 Finish: **GLOSSY**





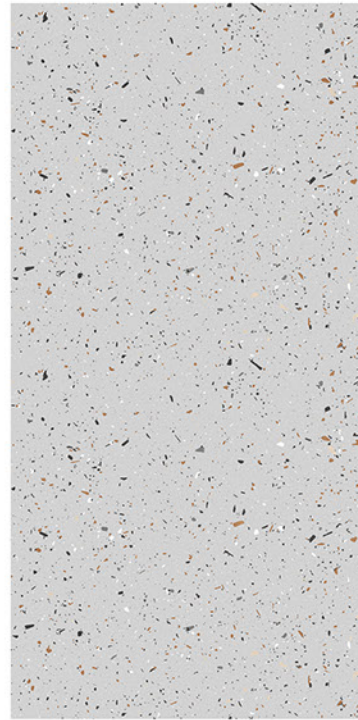
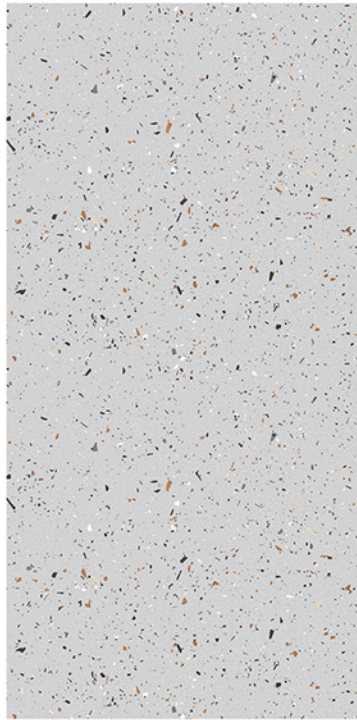
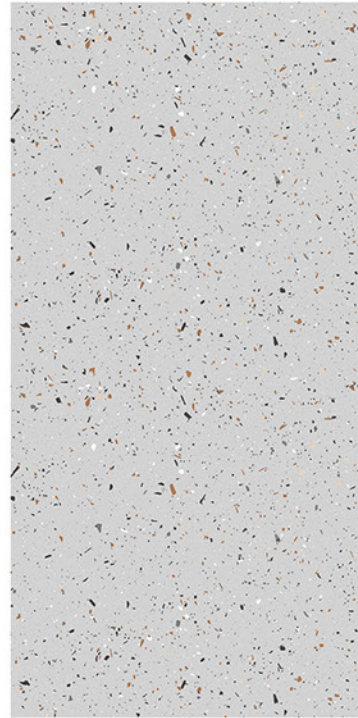
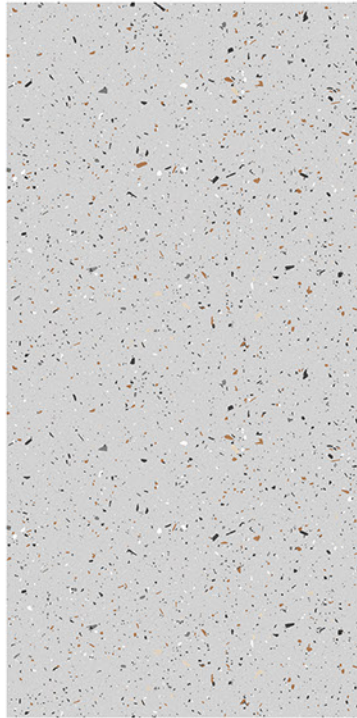
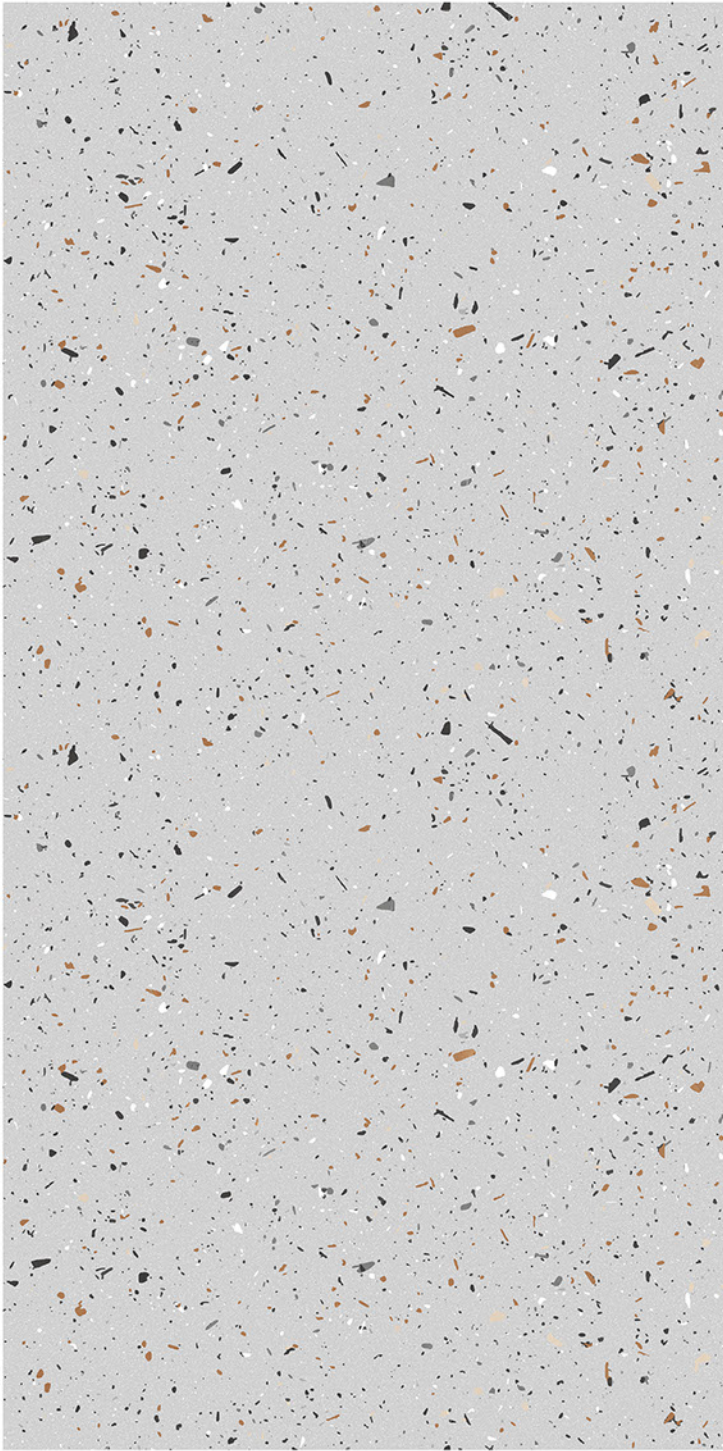
**blessan  
grey**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE




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MAGNIFICAT SURFACE

**blessan  
grey**



**600x  
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



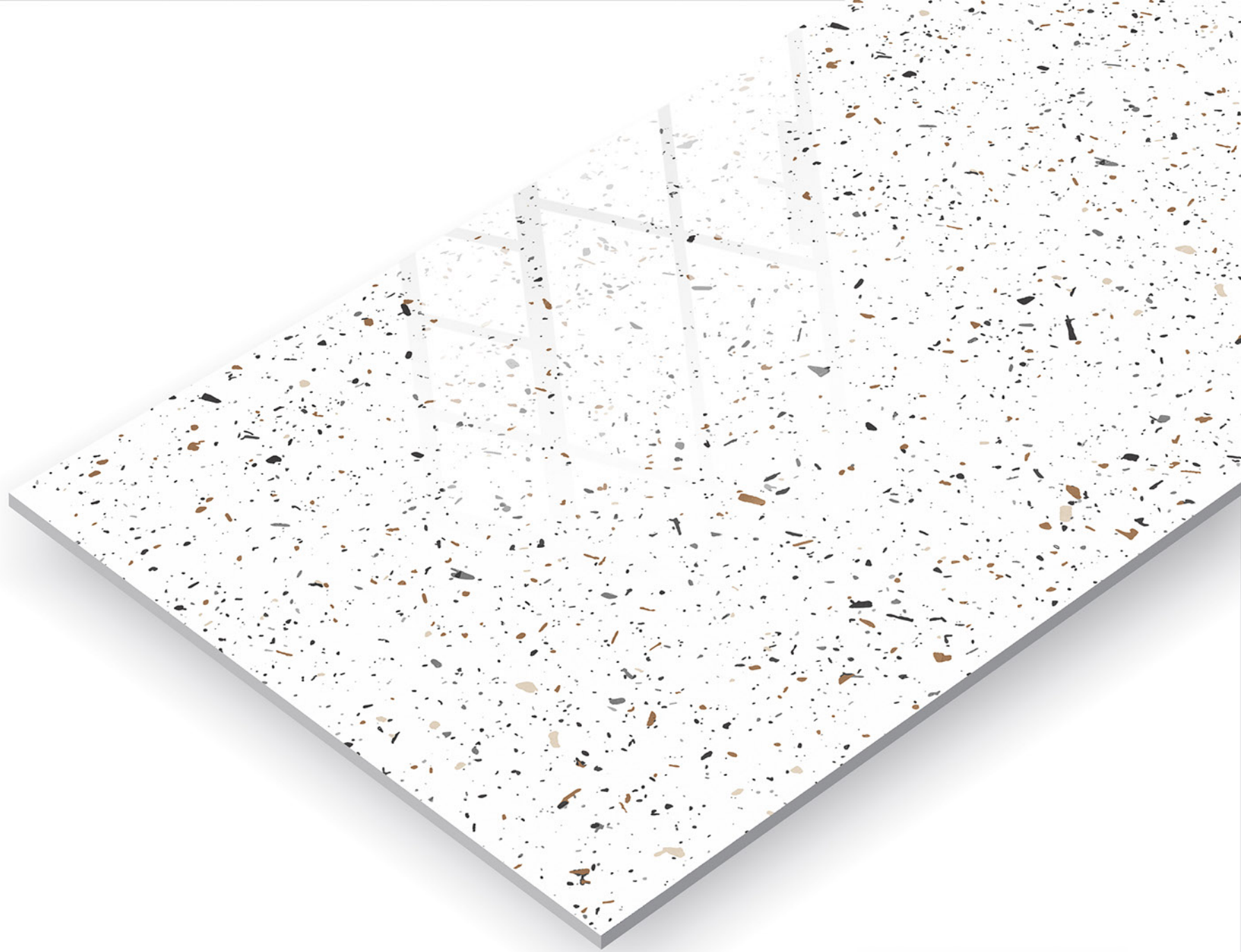
RANDOM DESIGN



LOW MAINTENANCE



**blesan  
white**

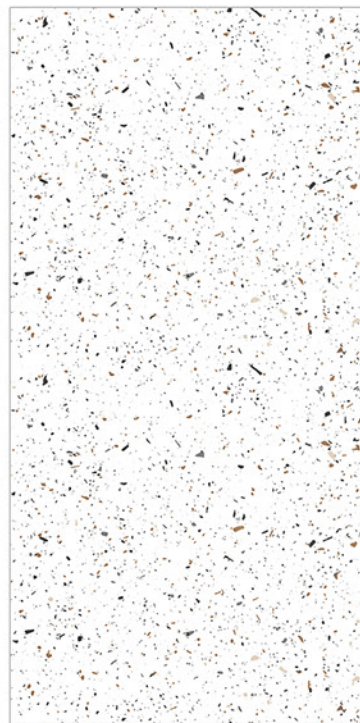
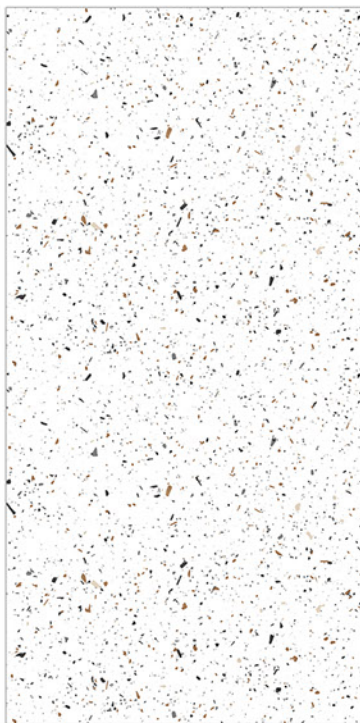
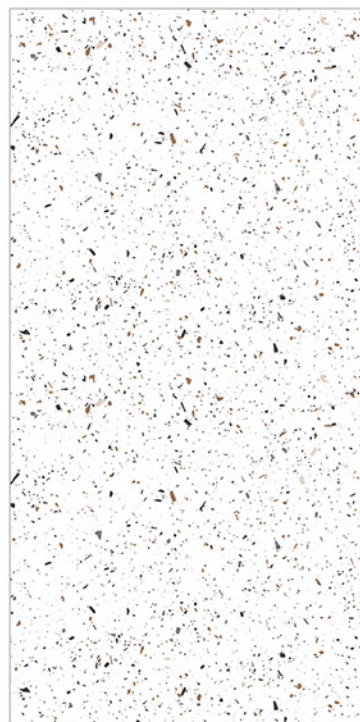
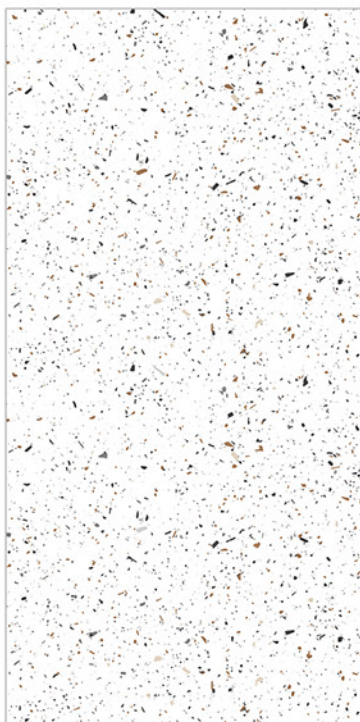
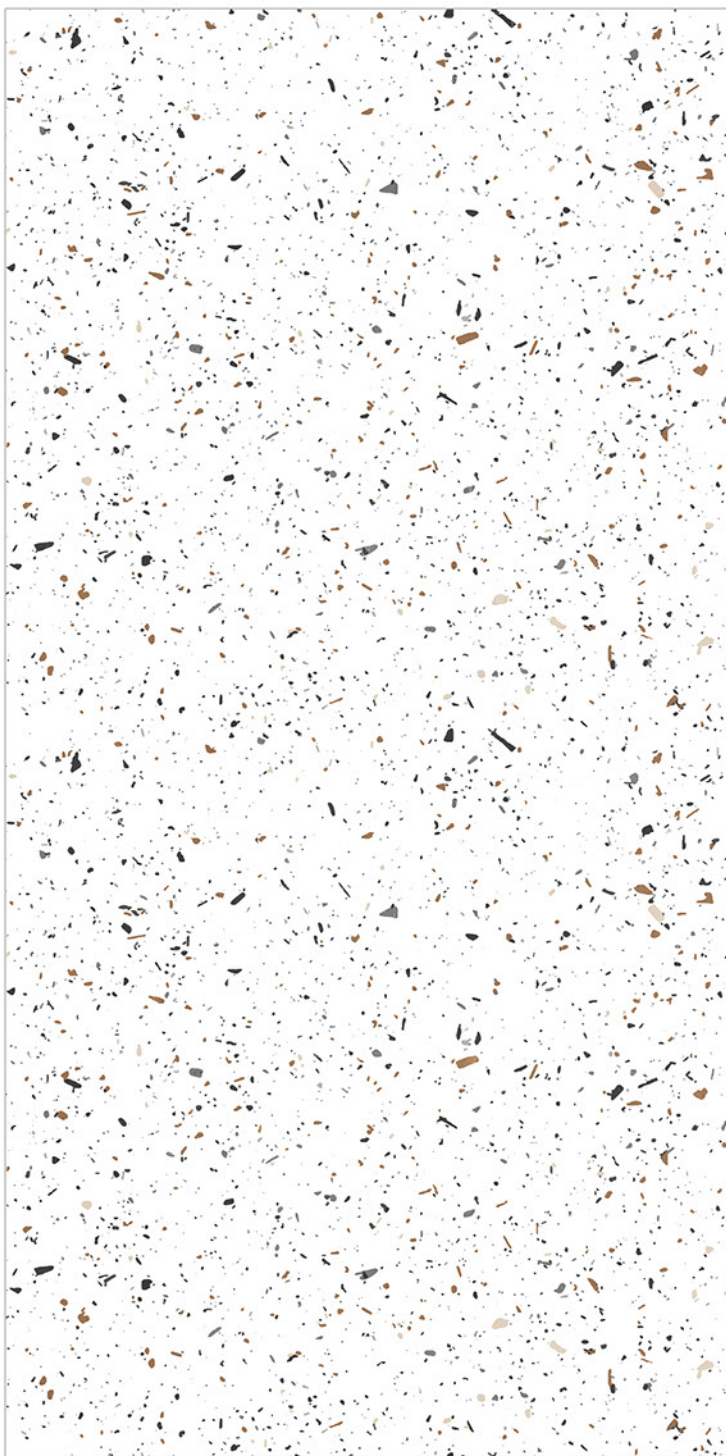


**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE



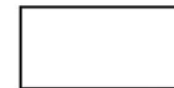


**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE

**blessan  
white**



**600x  
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

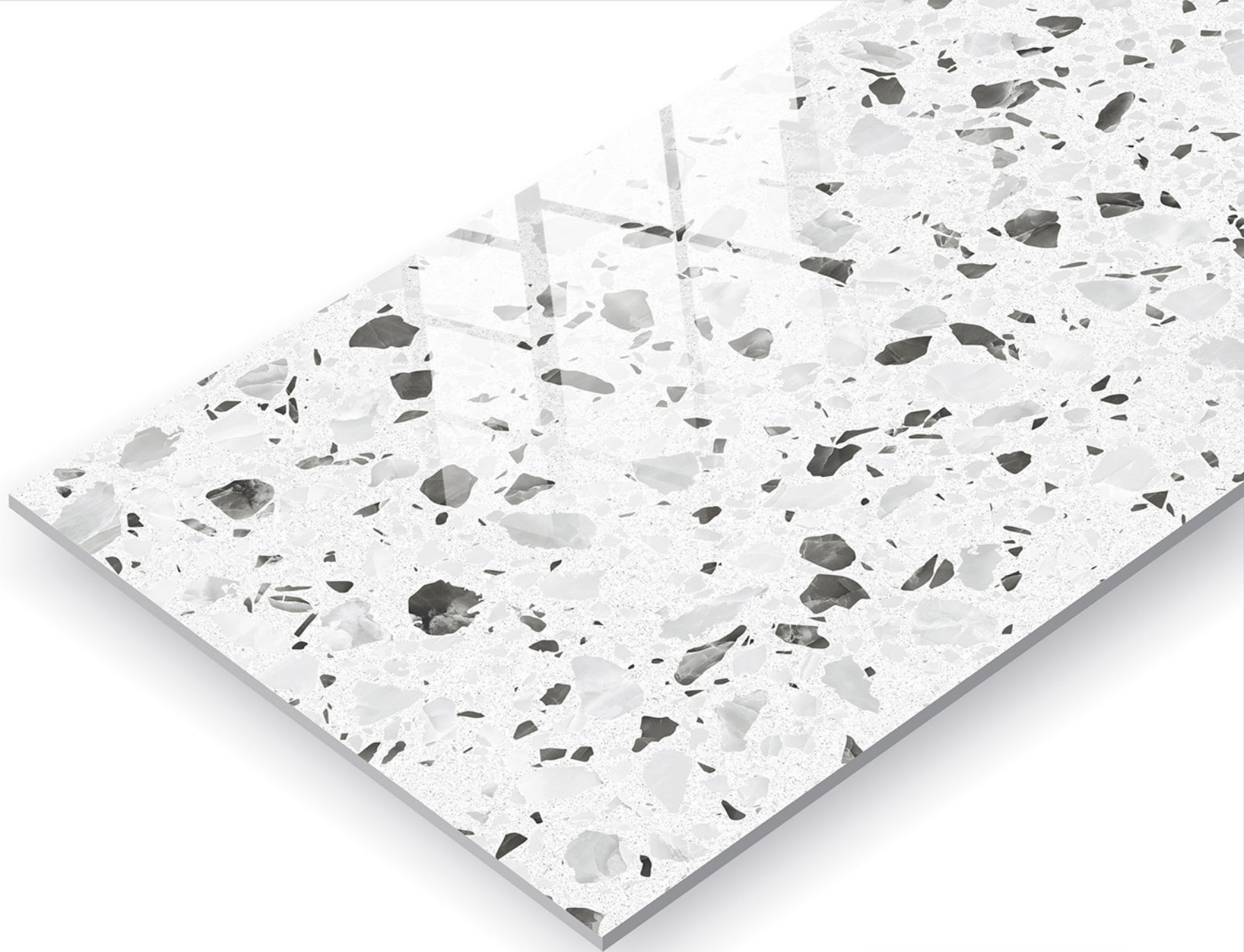
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



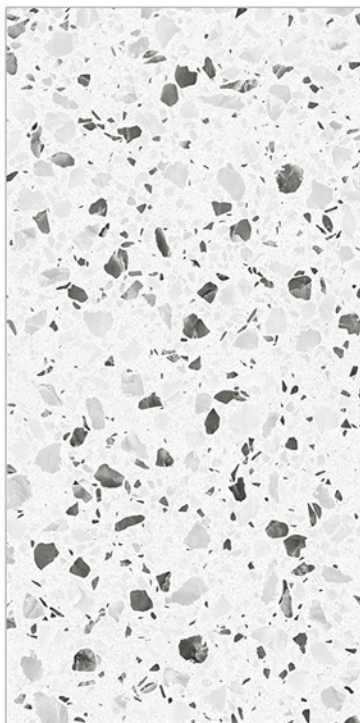
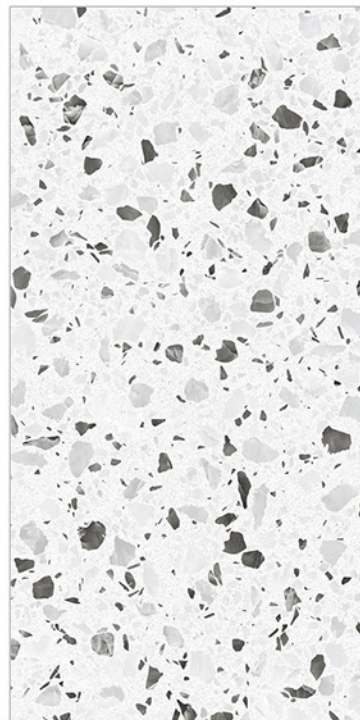
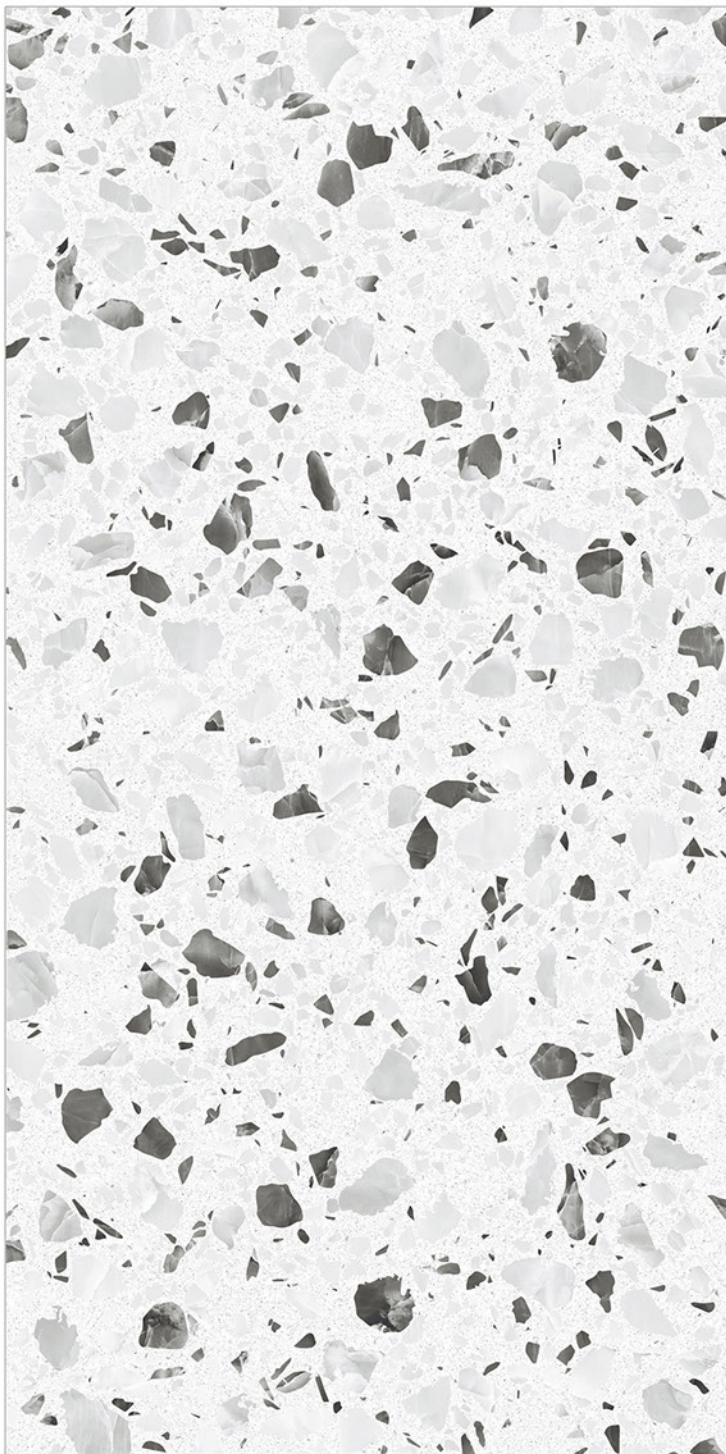
**pastine  
white**



**600x  
1200mm**



**Lemzon®**  
MAGNIFICAT SURFACE




**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE

**pastine  
white**



**600x  
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

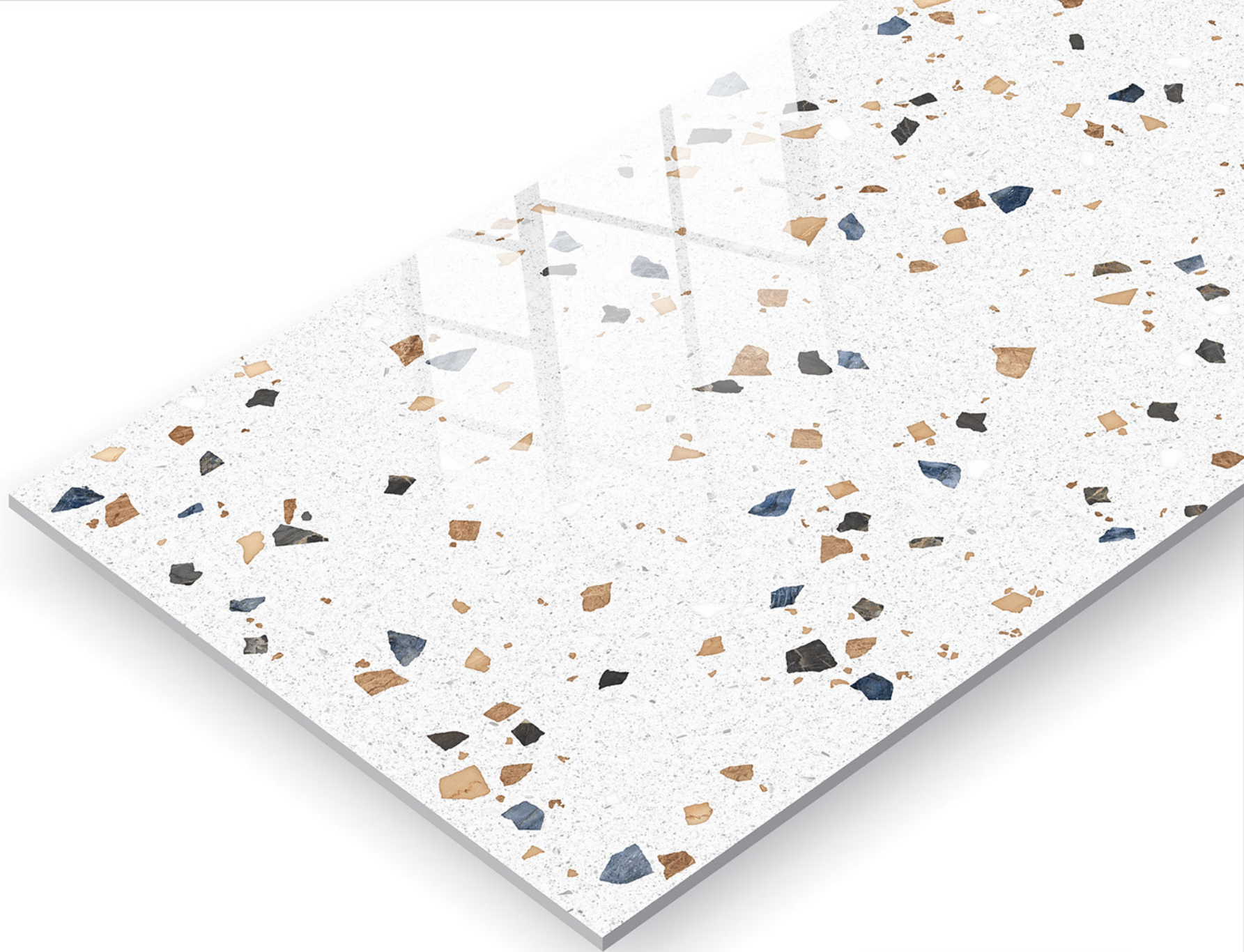
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



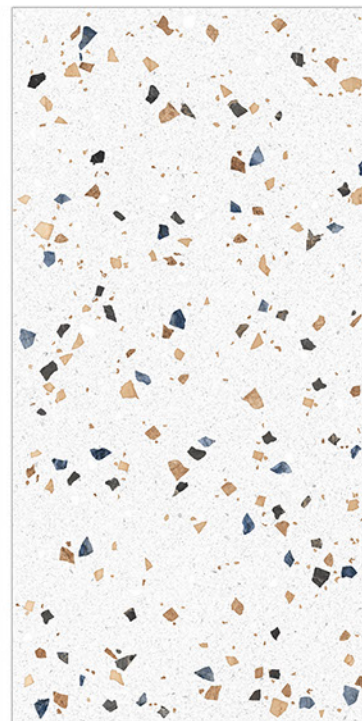
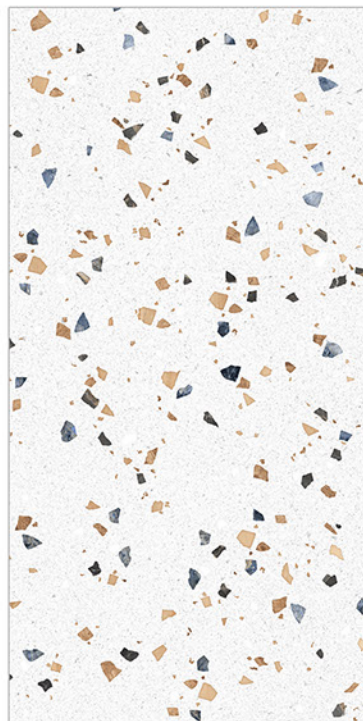
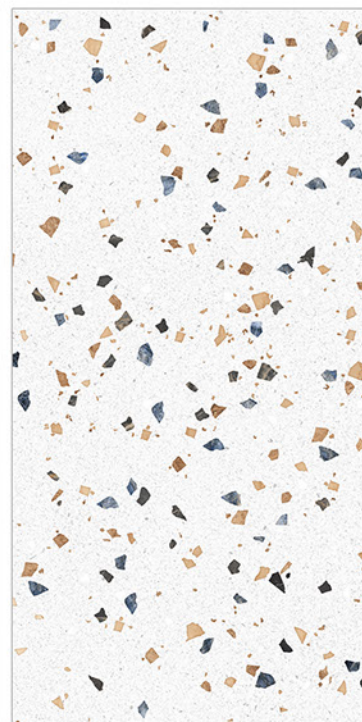
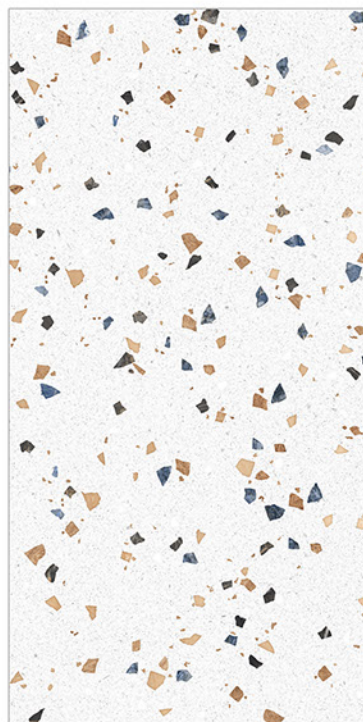
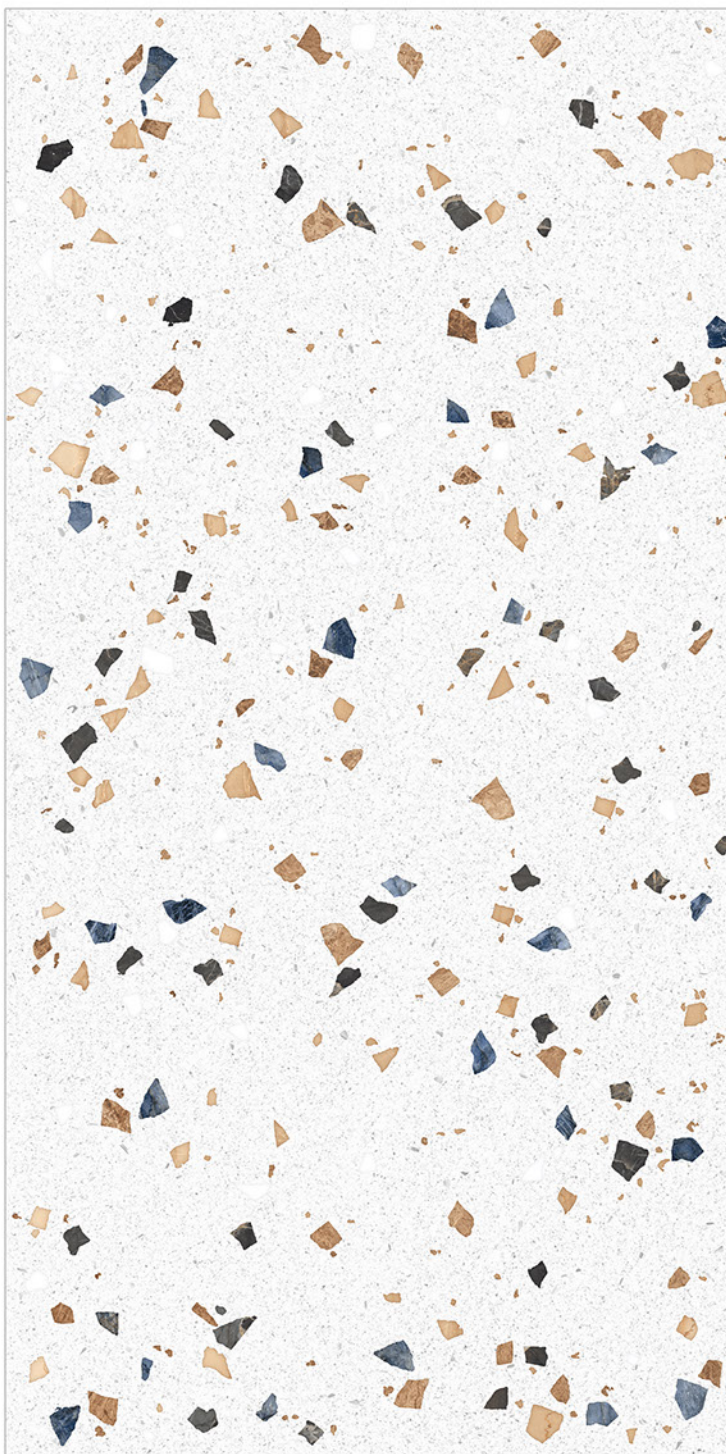
spectrum  
white



600x  
1200mm



**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE




**Lemzon**<sup>®</sup>  
MAGNIFICAT SURFACE

spectrum  
white



600x  
1200mm



 Finish: **GLOSSY**

 HIGH STRENGTH

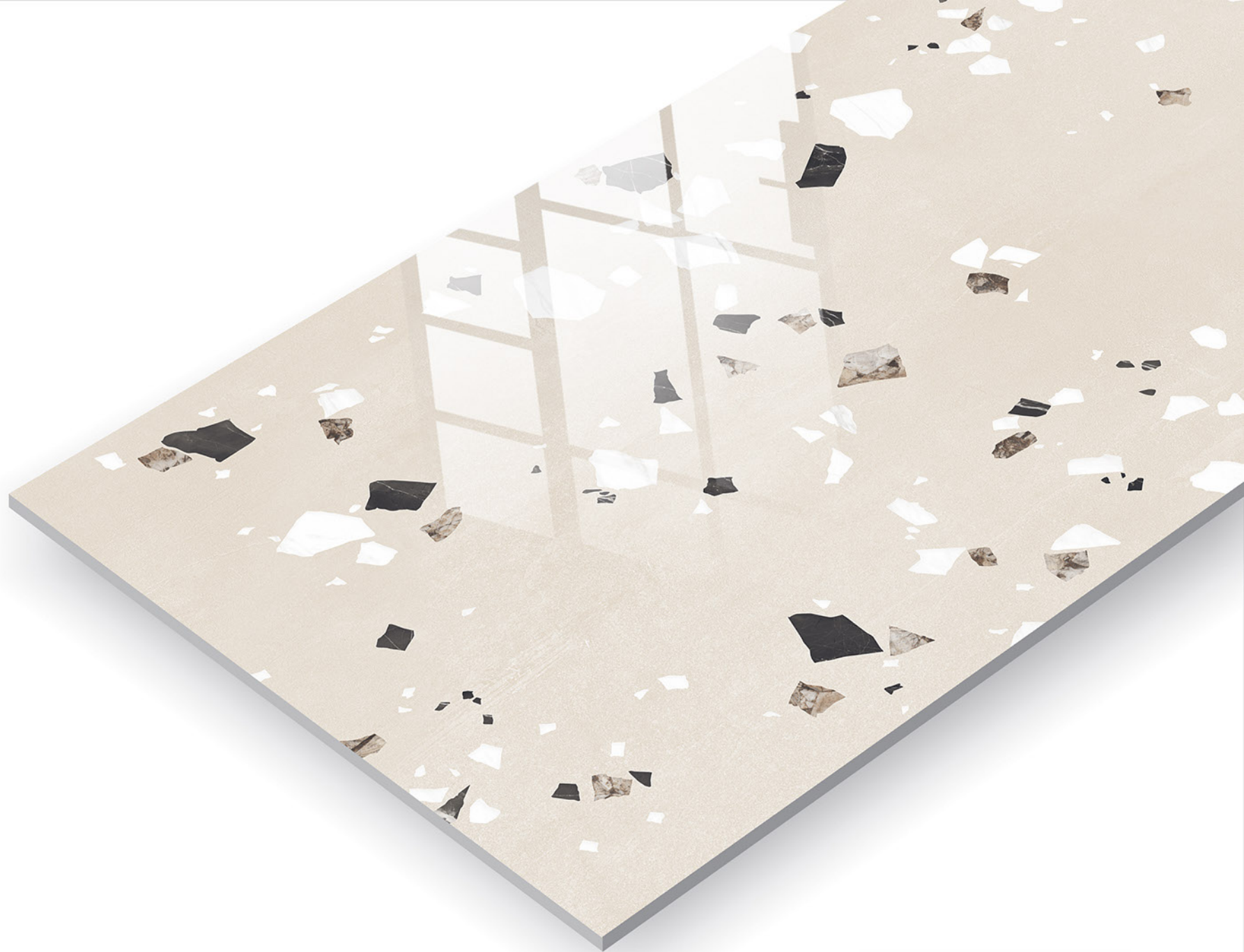
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



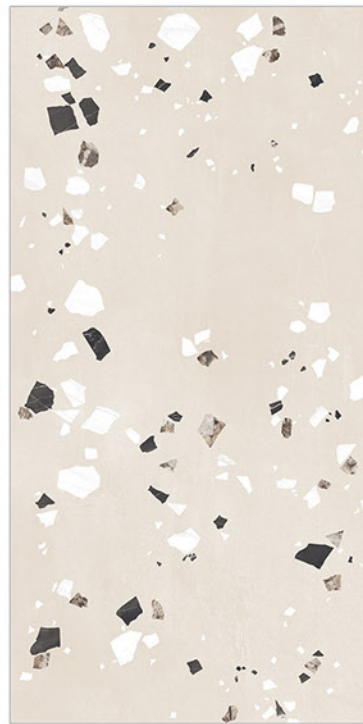
pastel  
crema



600x  
1200mm



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**pastel  
crema**



**600x  
1200mm**



 Finish: **GLOSSY**



## Technical Specifications

| CHARACTERISTICS                          | STANDARD AS PER ISO-13006/EN14411 GROUP BIA | OUR VALUE OF PGVT         | OUR VALUE OF GVT          | TEST METHOD  |
|--|---|---------------------------|---------------------------|--------------|
| <b>REGULATORY PROPERTIES</b>             |   |                           |                           |              |
| Deviation in length & width              | ±0.5 %                                      | ±0.1 %                    | ±0.1 %                    | ISO-10545-2  |
| Deviation in thickness                   | ±5.0 %                                      | ±4.0 %                    | ±4.0 %                    | ISO-10545-2  |
| Straightness in side                     | ±0.5 %                                      | ±0.1 %                    | ±0.1 %                    | ISO-10545-2  |
| Rectangularity                           | ±0.6 %                                      | ±0.1 %                    | ±0.1 %                    | ISO-10545-2  |
| Surface flatness                         | ±0.5 %                                      | ±0.2 %                    | ±0.2 %                    | ISO-10545-2  |
| Color difference                         | Unaltered                                   | No change                 | No change                 | ISO-10545-16 |
| Glossiness                               | As per mfg.                                 | Min. 90%                  | Min. 4%                   | GLOSSOMETER  |
| <b>SURFACE MECHANICAL PROPERTIES</b>     |   |                           |                           |              |
| Water absorption                         | < 0.50 %                                    | < 0.05 %                  | < 0.05 %                  | ISO-10545-3  |
| Apparent density                         | > 2.0 g/cc                                  | > 2.10 g/cc               | > 2.10 g/cc               | DIN 51082    |
| <b>MASSIVE MECHANICAL PROPERTIES</b>     |   |                           |                           |              |
| Modulus of rupture                       | Min. 35 N/mm <sup>2</sup>                   | Min. 40 N/mm <sup>2</sup> | Min. 40 N/mm <sup>2</sup> | ISO-10545-4  |
| Breaking strength                        | Min. 1300 N                                 | Min. 2000 N               | Min. 2000 N               | ISO-10545-4  |
| Impact resistance                        | as per mfg.                                 | Min. 0.55                 | Min. 0.55                 | ISO-10545-5  |
| <b>SURFACE MECHANICAL PROPERTIES</b>     |   |                           |                           |              |
| Surface abrasion resistance              | as per mfg.                                 | Min. Class-3              | Min. Class-4              | ISO-10545-7  |
| MOH's hardness                           | as per mfg.                                 | Min. 4                    | Min. 5                    | EN 101       |
| <b>THERMO HYDROMETRIC PROPERTIES</b>     |   |                           |                           |              |
| Frost resistance                         | No damage                                   | No damage                 | No damage                 | ISO-10545-12 |
| Thermal shock resistance                 | No damage                                   | No damage                 | No damage                 | ISO-10545-9  |
| Moisture expansion                       | Nil   | Nil                       | Nil                       | ISO-10545-10 |
| Thermal expansion (COE)                  | Max. 9.0x10 <sup>-6</sup>                   | Max. 6.5x10 <sup>-6</sup> | Max. 6.5x10 <sup>-6</sup> | ISO-10545-8  |
| Crazing resistance                       | as per mfg.                                 | Min. 10 Cycle             | Min. 10 Cycle             | ISO-10545-11 |
| <b>CHEMICAL PROPERTIES</b>               |   |                           |                           |              |
| Chemical resistance                      | No damage                                   | No damage                 | No damage                 | ISO-10545-13 |
| Stain resistance                         | Resistant                                   | Resistant                 | Resistant                 | ISO-10545-14 |
| <b>SAFETY PROPERTIES</b>                 |   |                           |                           |              |
| Slip resistance                          | as per mfg.                                 | > 0.40                    | > 0.40                    | ISO-10545-17 |
| Fire resistance                          | as per mfg.                                 | Fireproof                 | Fireproof                 | N. A.        |
| Lead & Cadmium given off by glazed tiles | as per mfg.                                 | Doesn't yield Pb & Cd     | Doesn't yield Pb & Cd     | ISO-10545-15 |

## Packing Details

| Sr. No. | Size        | Pieces / Box | Area / Box (approx*) |
|---------|-------------|--------------|----------------------|
| 1       | 600x1200 mm | 2pcs.        | 1.44 sq. mtr.        |

## Cutting Specifications

### Cutting with disk

In order to do a correct cutting into one slab 12mm (1/2") it is recommended the use of segmented cutting disks and specifications as described below.

| Disk diameter | RPM      | Cutting speed (m/min)-(feet/min) |
|---------------|----------|----------------------------------|
| 300 mm - 12"  | 2600 rpm | 1/2 m/min - 4 feet/min           |
| 350 mm - 14"  | 2300 rpm | 1/2 m/min - 4 feet/min           |
| 400 mm - 16"  | 1900 rpm | 1/2 m/min - 4 feet/min           |

To ensure correct finishes, it is recommended lowering the speed at both ends to 25% 0.3m/min - 1 feet/min. If the cutting also requires beveling it is also recommend to slow the speed in the cutting path to 0.6 m/min - 2feet/min.

In order to avoid stress into the slab, it is imperative the use of cutting surfaces that are perfectly levelled and good disk refrigeration. The disk must have a direct application to the cutting edge with refrigeration liquid or water during all the operation.

For inner cutting, as it has been said before, is mandatory the prior drilling at the corners to ensure a 5mm - 3/16" radius. Therefore, the drill must have 10 mm - 6/16" diameter or more.

### Water jet cutting

Before starting the waterjet cutting it is advisable to secure the surface and check the flatness of the slab on the support structure for cutting.

Unless necessary (Ex. to create a cavity), the cut must begin and finish outside the slab, always respecting 50 mm - 2" of perimeter during the cutting to avoid accumulation of stresses. The pressure should not exceed 4000 bar and the linear cutting speed should be around 0.6 m / min - 2 feet / min

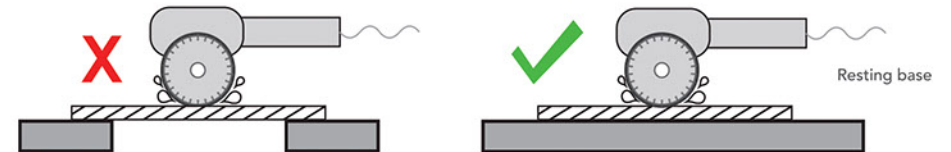
As long as the technical capacity of the cutting machine allows it, it is advisable to finish all the cuts towards the edge of the slab and avoid all the endings at the central area of the slab.

### Cutting stresses

In order to minimize the residual stresses in a slab it is advisable, regardless of the cutting method employed, to remove 25 mm - 1" from the total perimeter of the slab.

This not only mitigates the future stresses but also eliminates all possible stress that the material has accumulated during its manufacture, handling or transport until is finally done any operation into the slab.

### Cutting



### Drilling





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