

600x1200mm | PGVT
Glossy Series

Lemzon[®]
MAGNIFICAT SURFACE

glossy
Series



enlightened with
pseudo diamonds

a high reflective surface displaying
the shimmer and rich penchant for decor.



600x1200mm | PGVT
Glossy Series



restaurants



spa-wellness



big projects



shops/offices



living



bathroom



kitchen



children-friendly spaces

live your style **everywhere**

With Design Your Slabs you can implement your creative ideas anywhere, with the guarantee of obtaining the maximum results from an aesthetic and technical perspective. In interior spaces, to give colour, character and personality to commercial and residential environments and in places dedicated to hospitality, entertainment and conviviality; in particularly wet areas such as spas, and wellness centres, and outdoors, with the creation of attractive façades, walls or other interventions with a surprising and long-lasting decorative impact.



untouched
fragment
of **nature**

fancy the elegance
of a immaculate
charisma that
casts a spell on you.

- 🛡️ high strength
- ♻️ eco friendly
- 🎲 random design
- 🔧 low maintenance





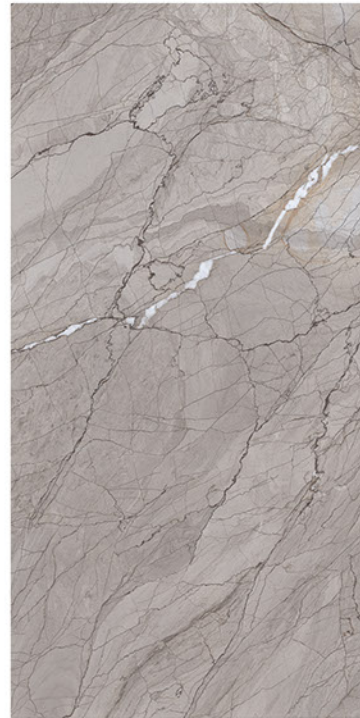
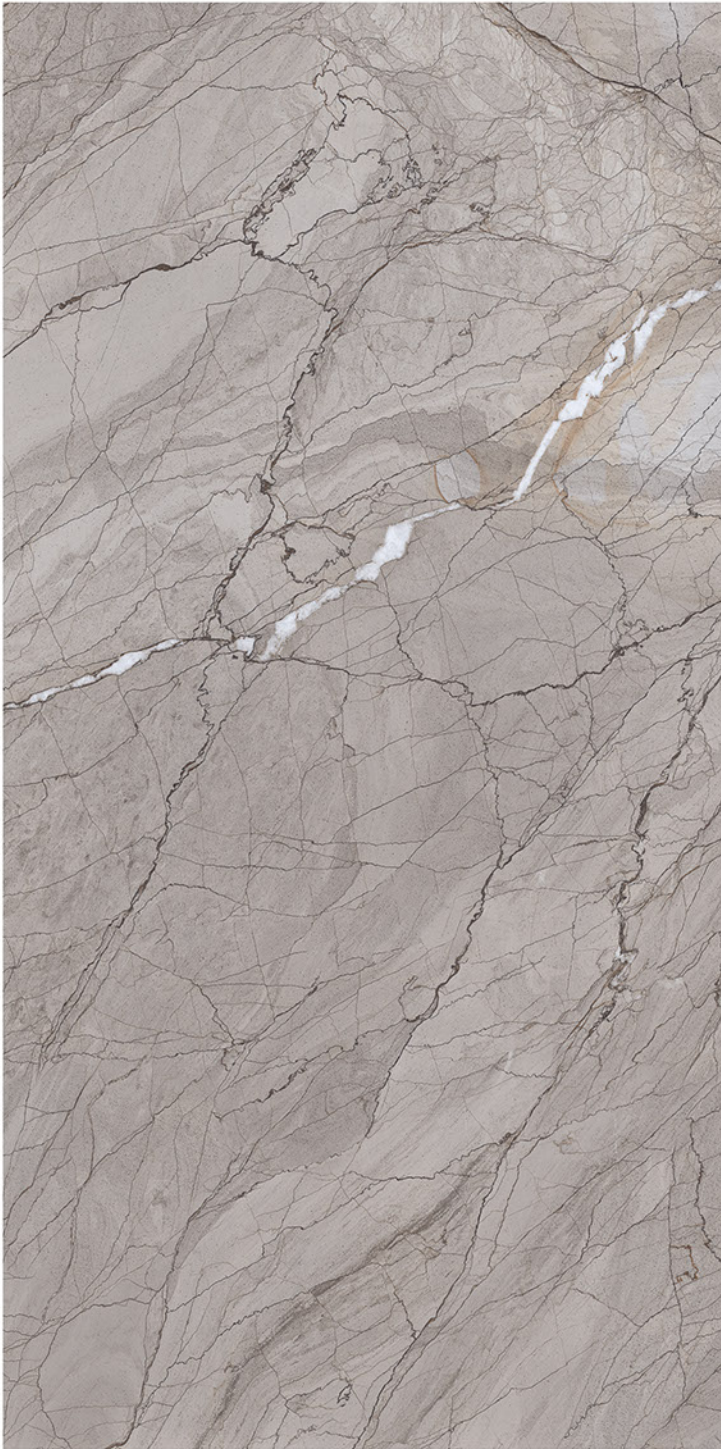
**elite
grey**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**elite
grey**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



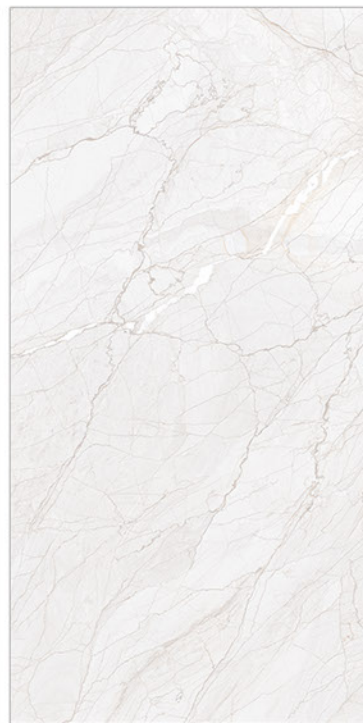
**elite
white**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**elite
white**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



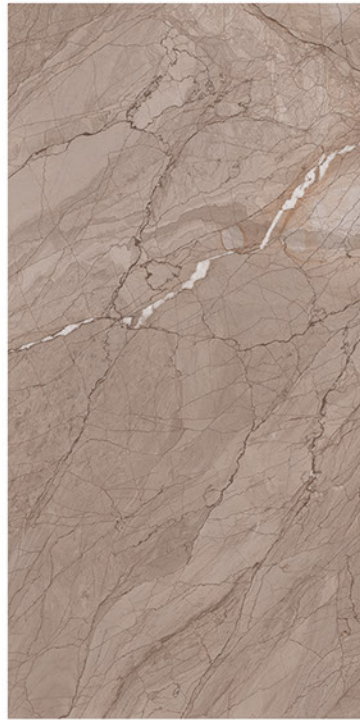
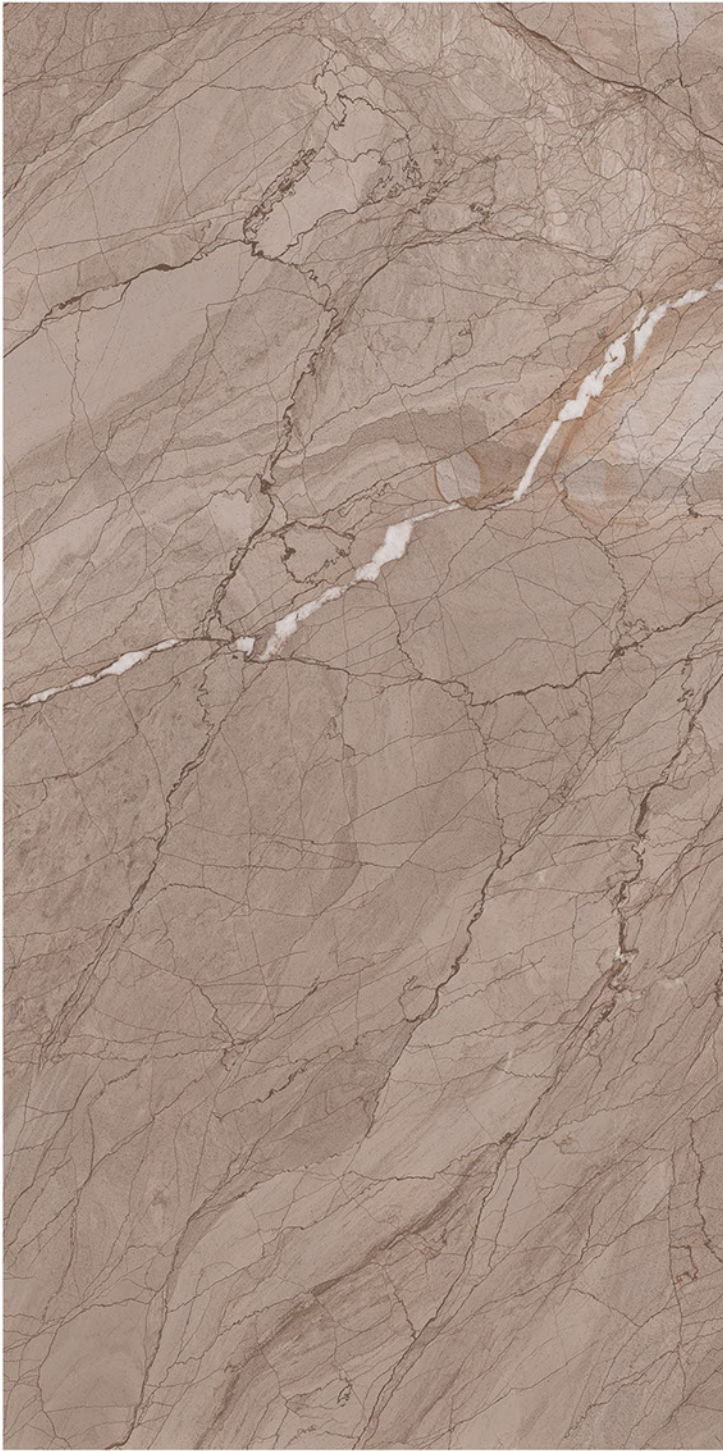
**elite
brown**



**600x
1200mm**



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**elite
brown**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



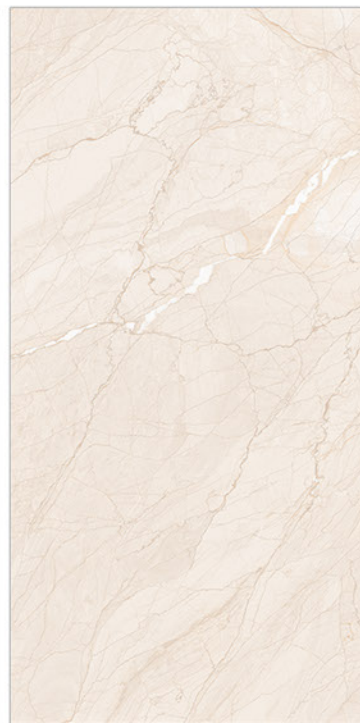
**elite
crema**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE

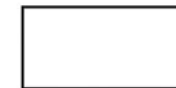



Lemzon[®]
MAGNIFICAT SURFACE

**elite
crema**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

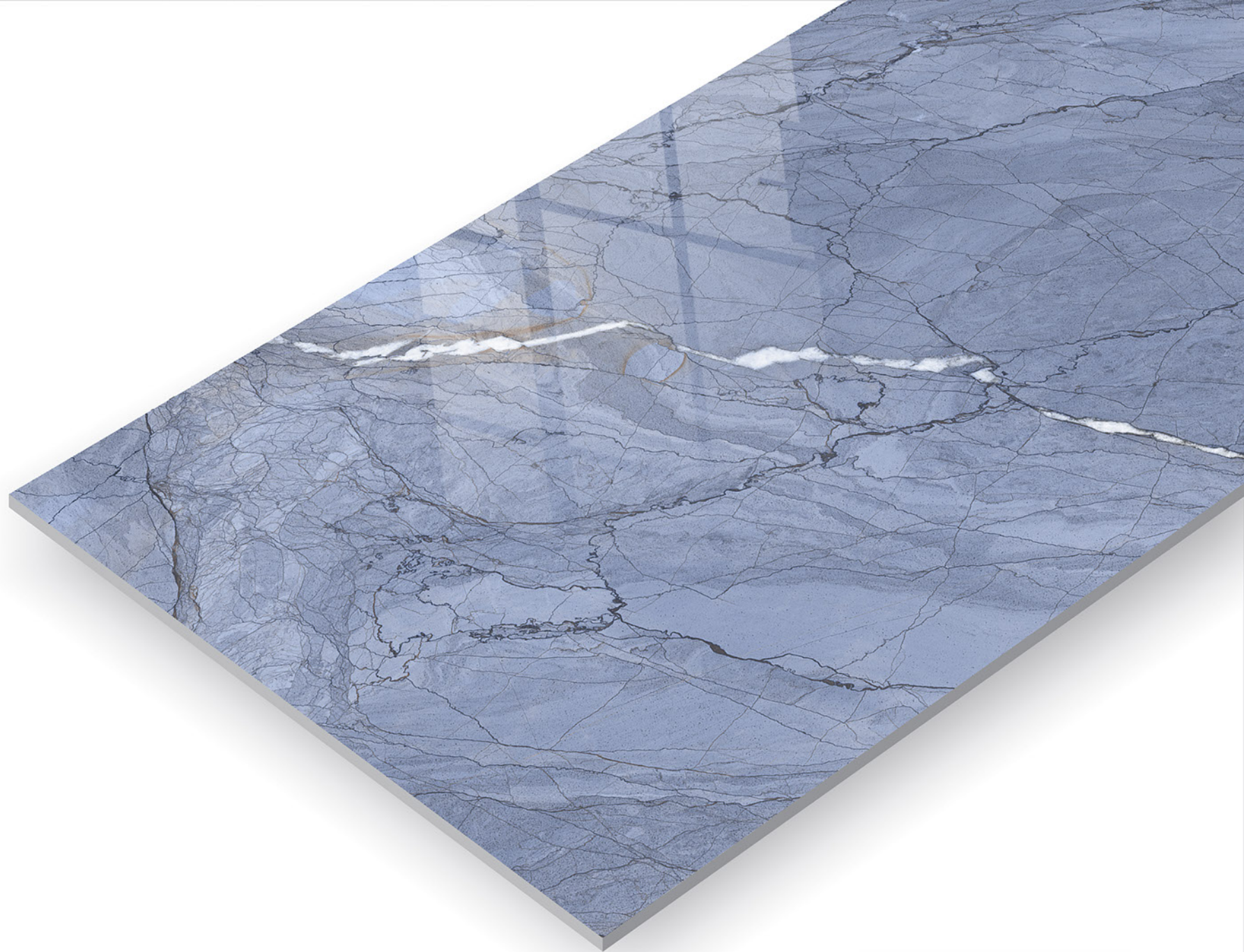
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



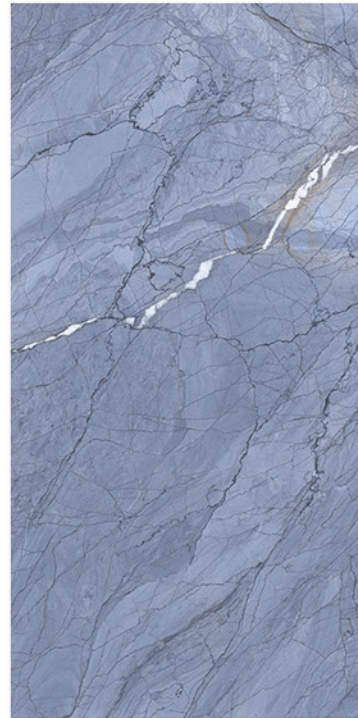
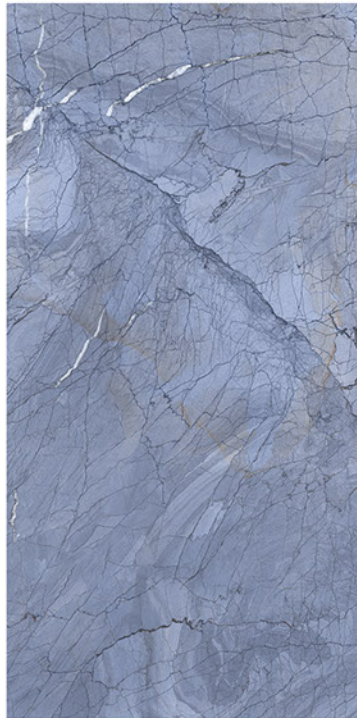
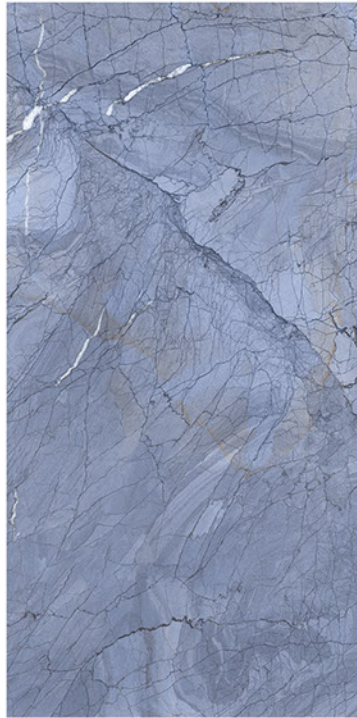
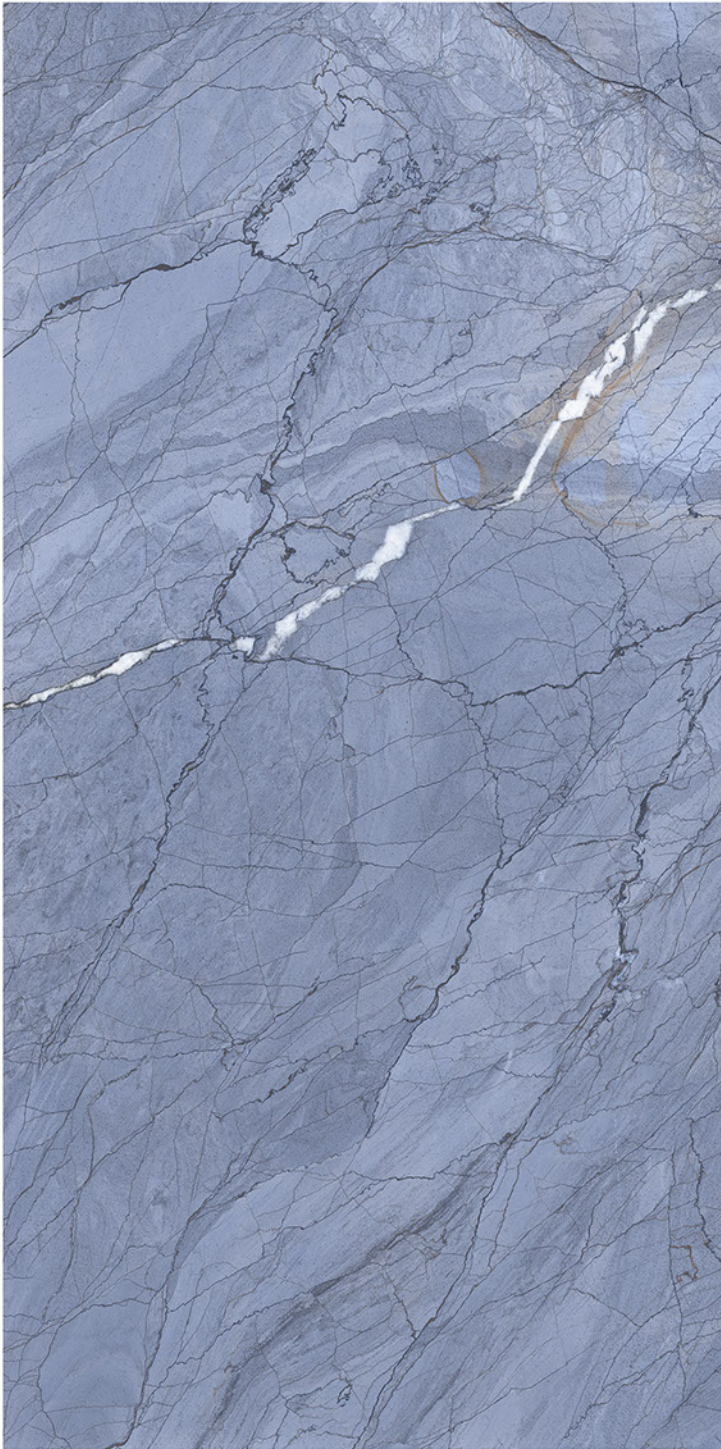
**elite
blue**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**elite
blue**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



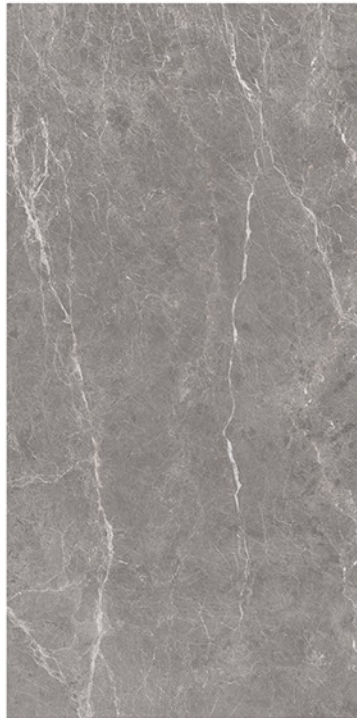
castal
graphite



600x
1200mm



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**castal
graphite**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**castal
white**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE

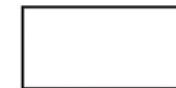



Lemzon[®]
MAGNIFICAT SURFACE

**castal
white**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

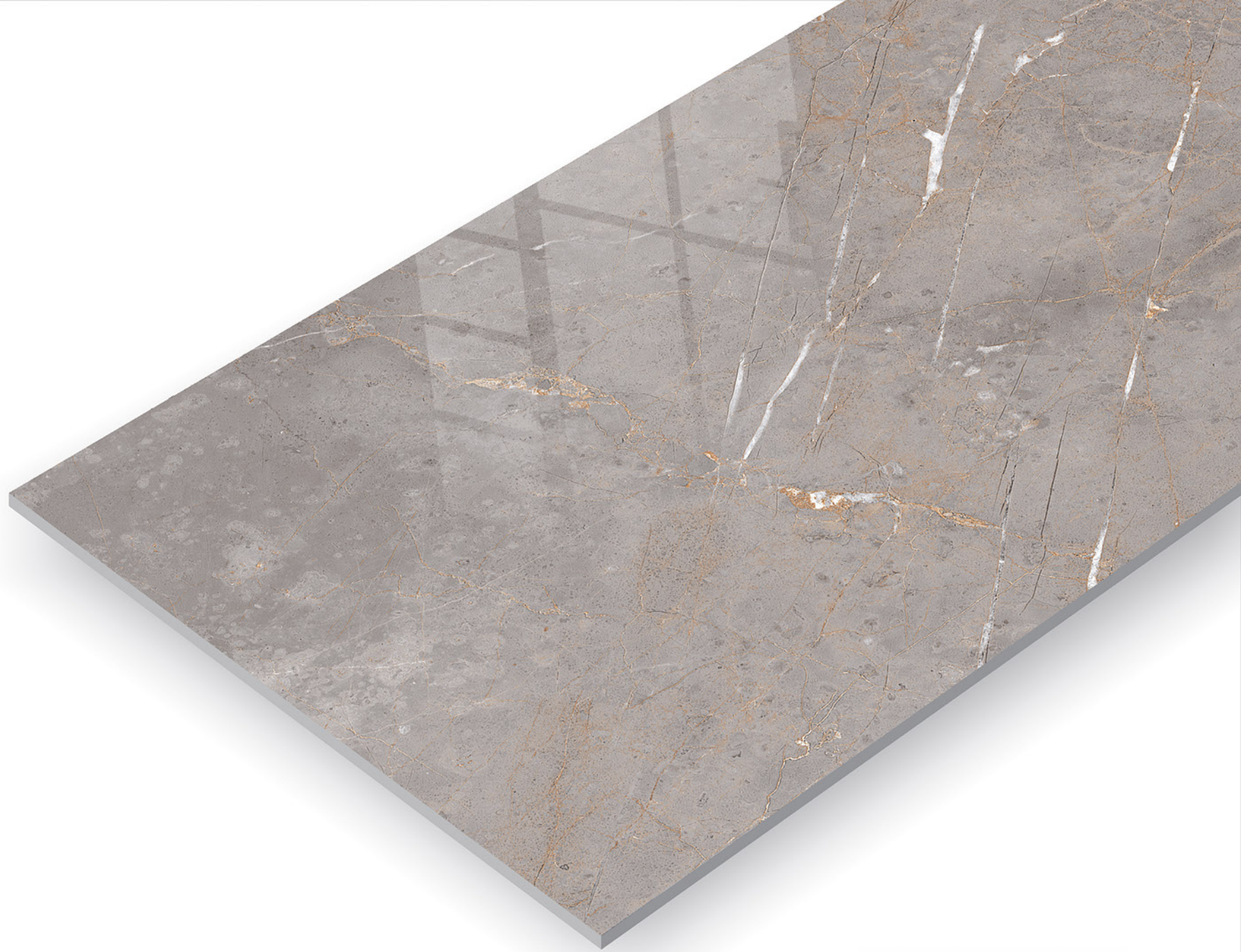
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**oristan
grafito**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**oristan
grafito**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**oristan
white**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**oristan
white**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**rivet
crema**



**600x
1200mm**



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**rivet
crema**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**rivet
silver**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**rivet
silver**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**nicol
graphite**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

nicol graphite



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**nicol
natural**



**600x
1200mm**



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**nicol
natural**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**neomi
brown**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**neomi
brown**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**neomi
grey**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE


**neomi
grey**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

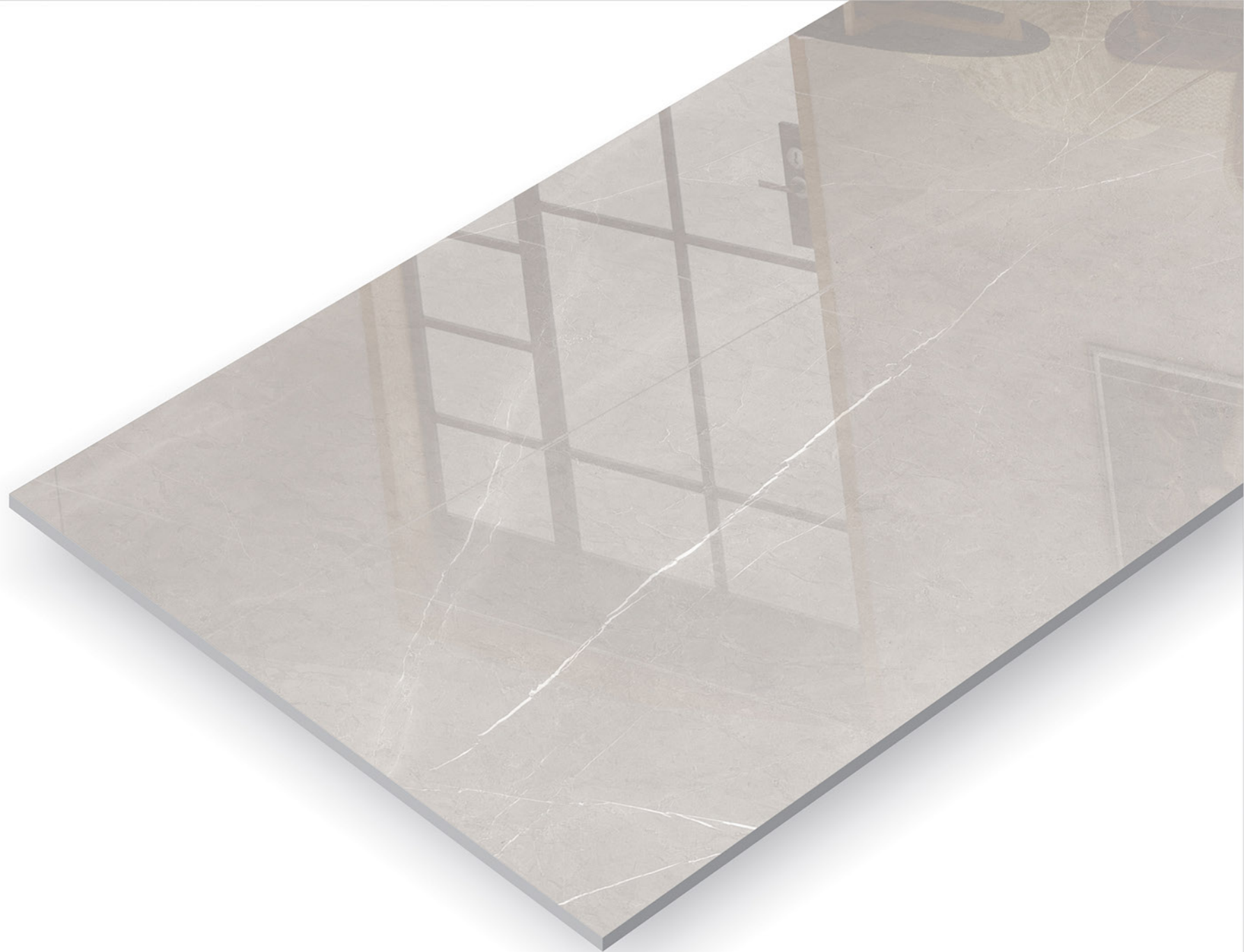
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**pietra
bianco**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**pietra
bianco**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

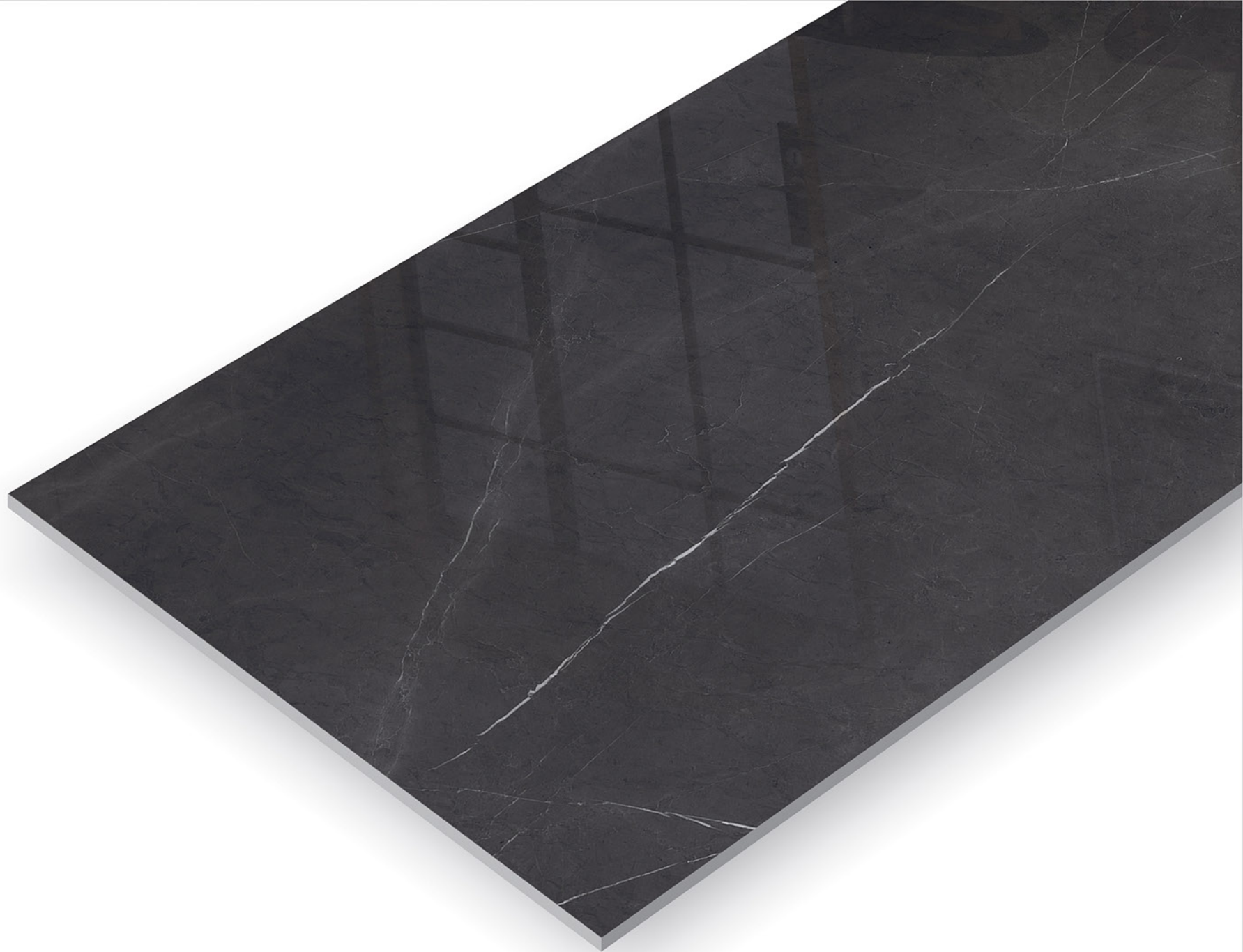
 RANDOM DESIGN

 LOW MAINTENANCE





**pietra
nerro**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**pietra
nerro**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

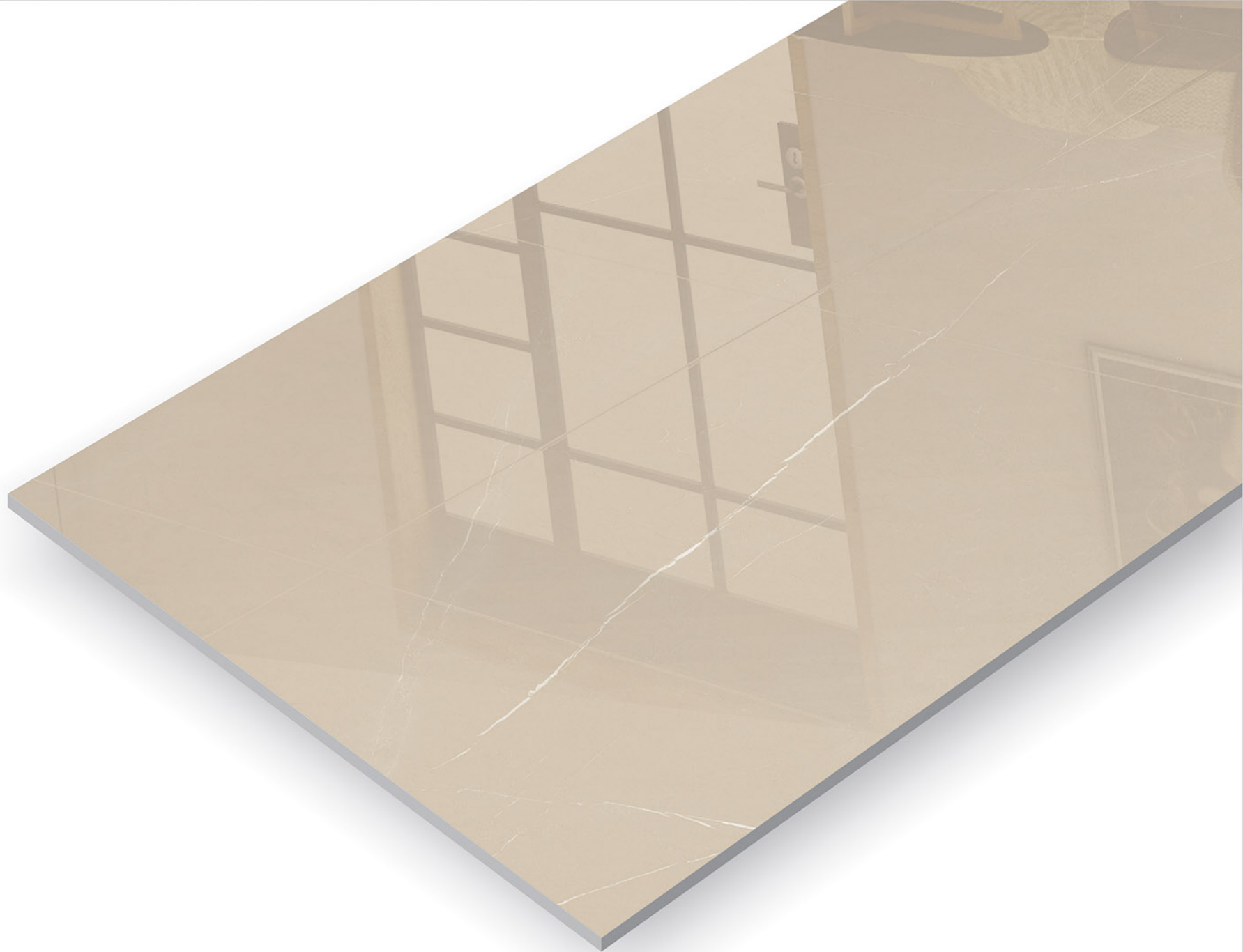
 RANDOM DESIGN

 LOW MAINTENANCE





**pietra
crema**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

**pietra
crema**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE

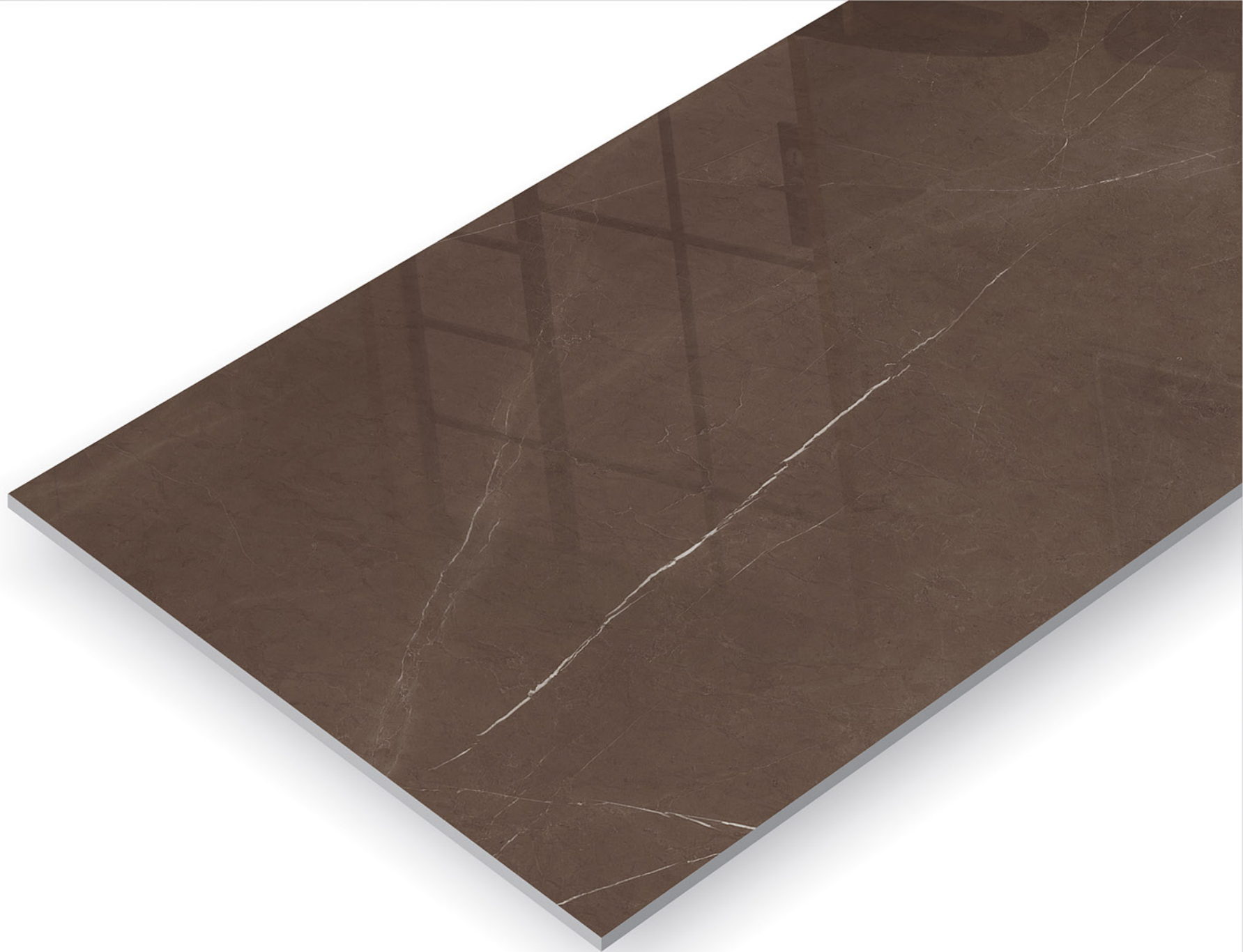


DD

pietra
crema



**pietra
choco**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**pietra
choco**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

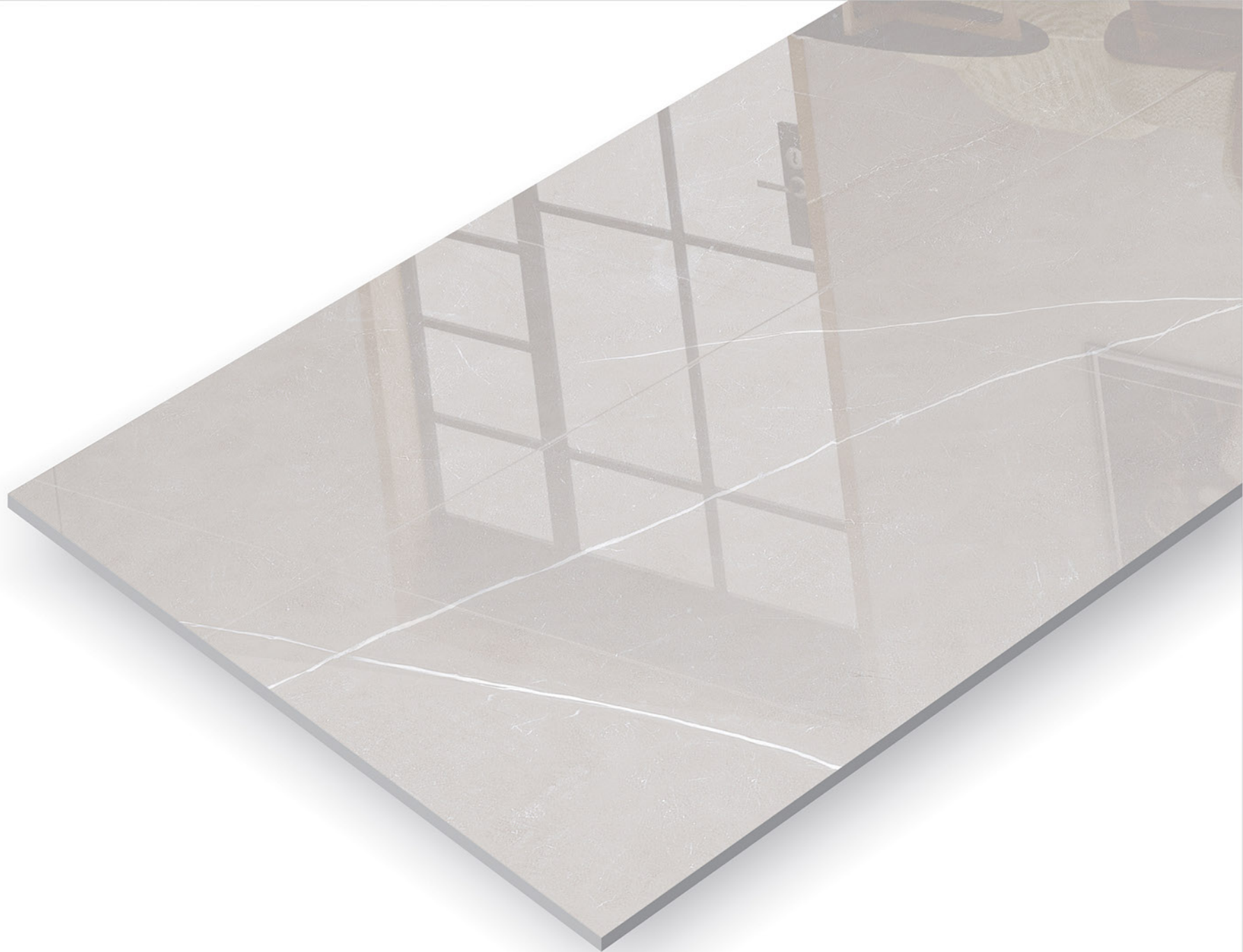
 RANDOM DESIGN

 LOW MAINTENANCE





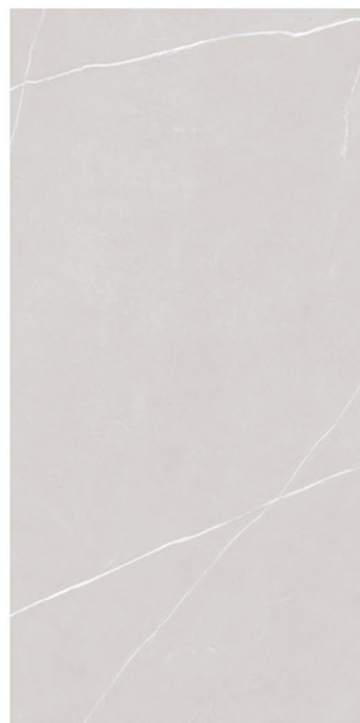
**roca
bianco**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**roca
bianco**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE

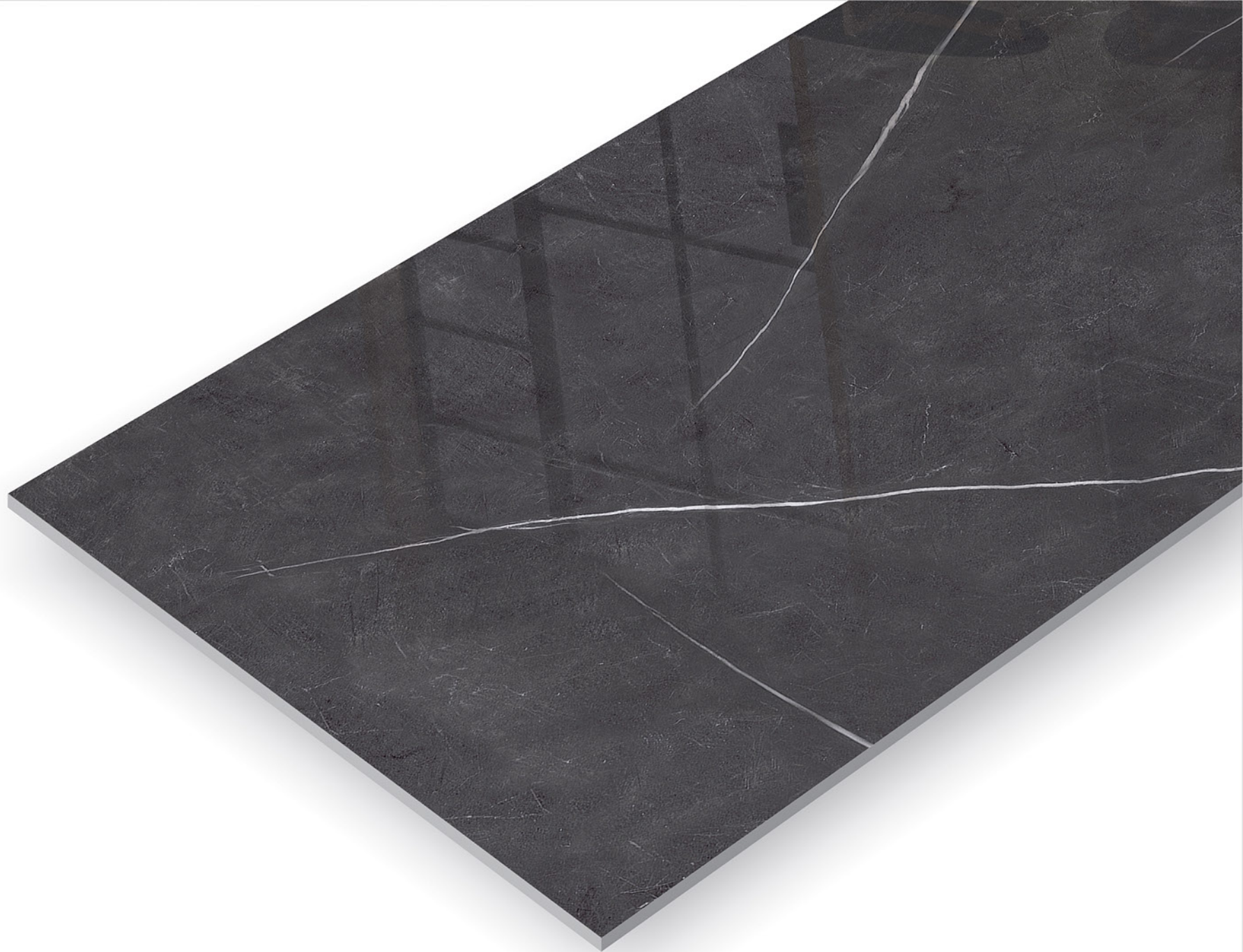
roca
bianco



roca
nerro



**roca
nerro**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**roca
nerro**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

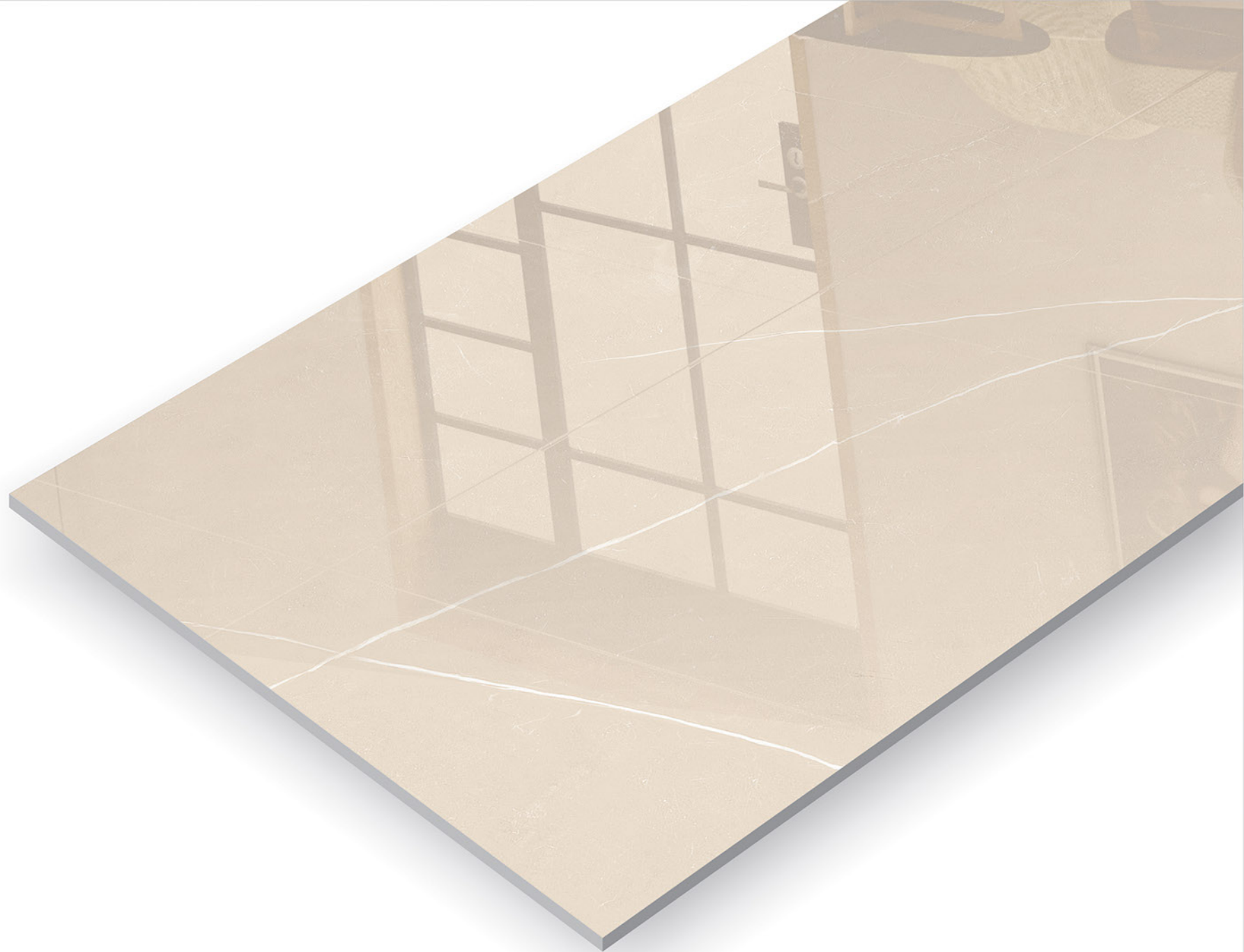
 RANDOM DESIGN

 LOW MAINTENANCE





**roca
crema**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

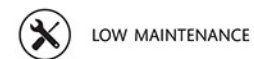
**roca
crema**



**600x
1200mm**

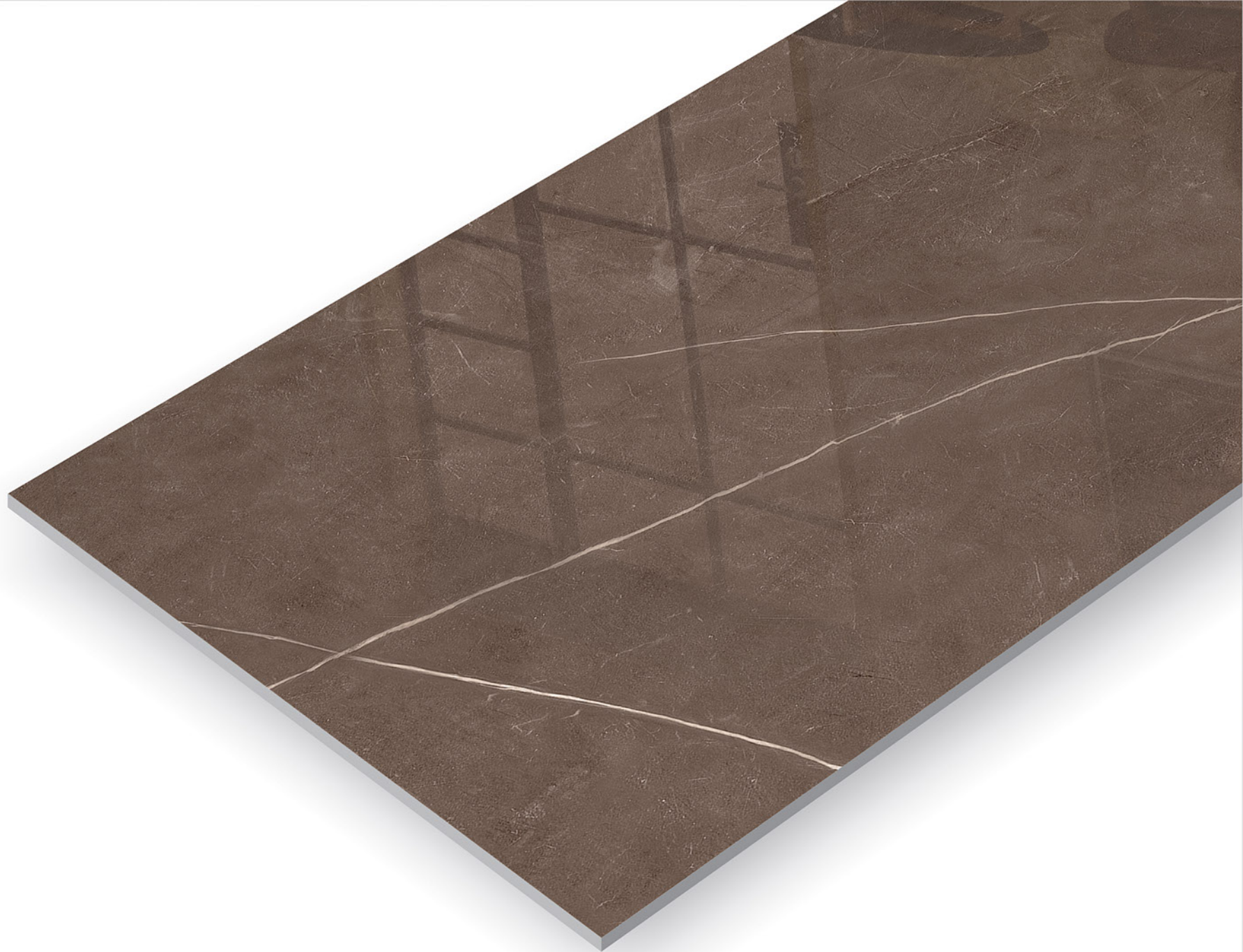


 Finish: **GLOSSY**





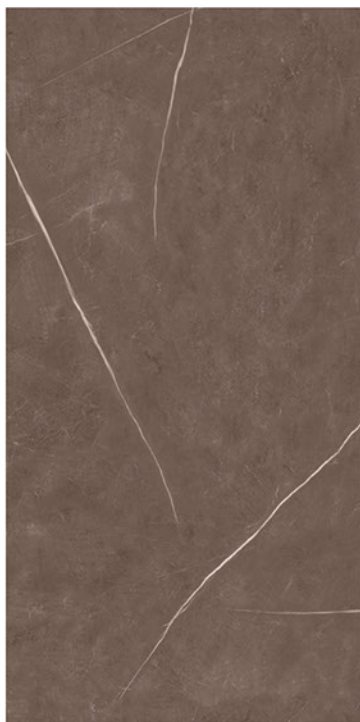
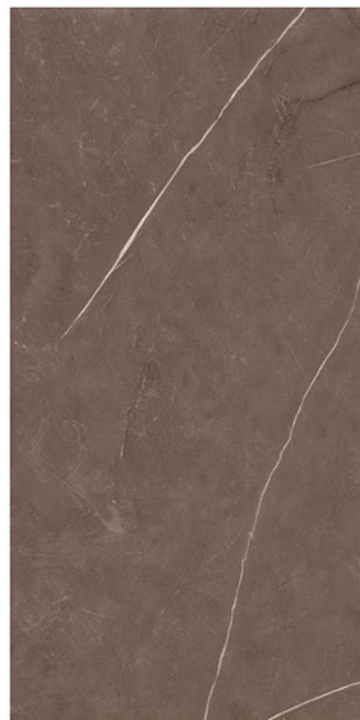
roca
choco



600x
1200mm



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**roca
choco**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



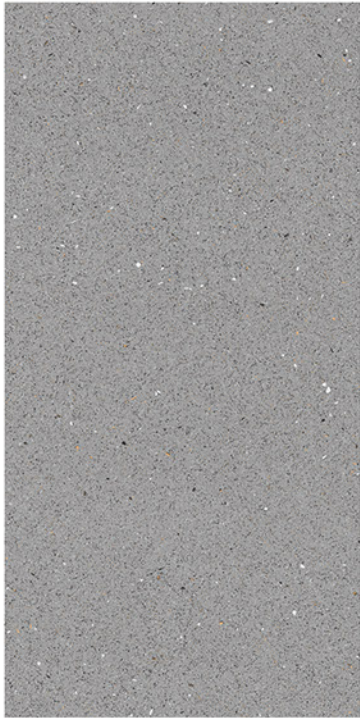
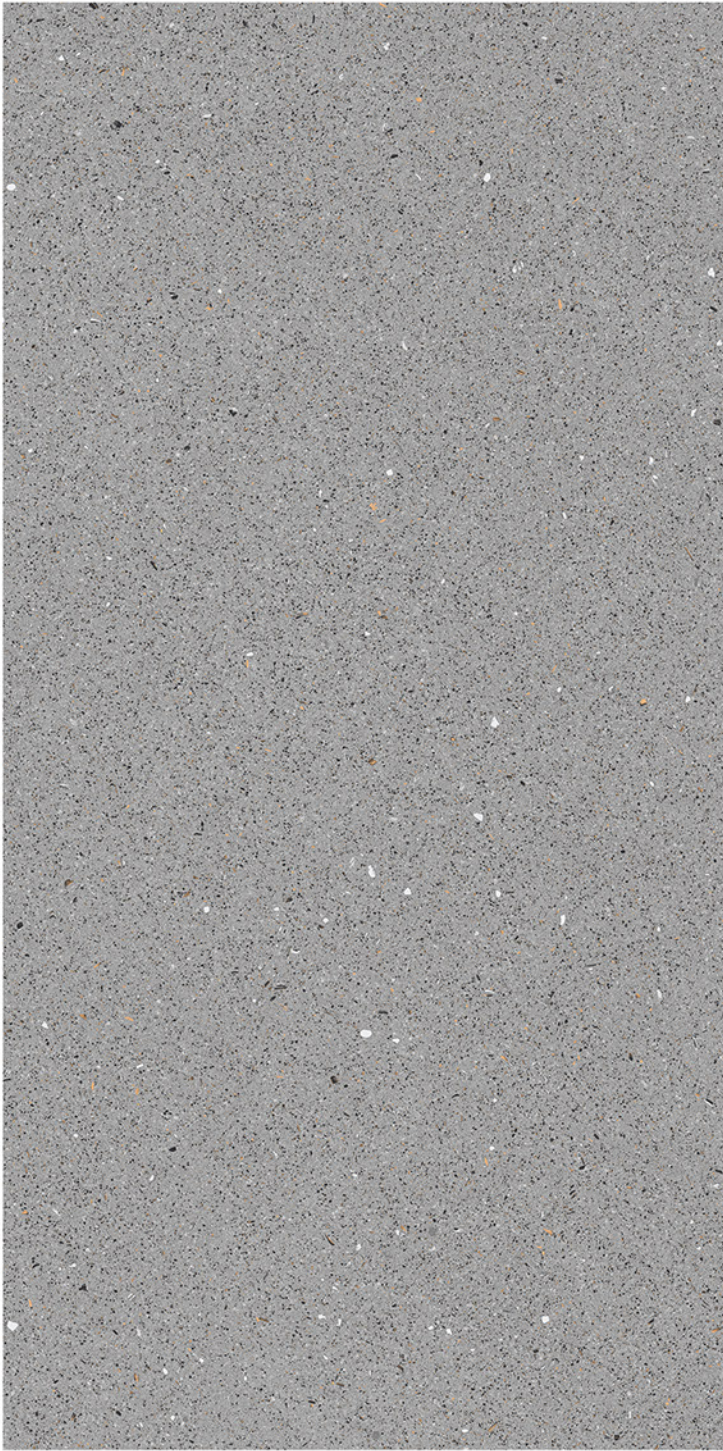
**lux
grey**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**lux
grey**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**lux
smoke**



**600x
1200mm**



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**lux
smoke**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

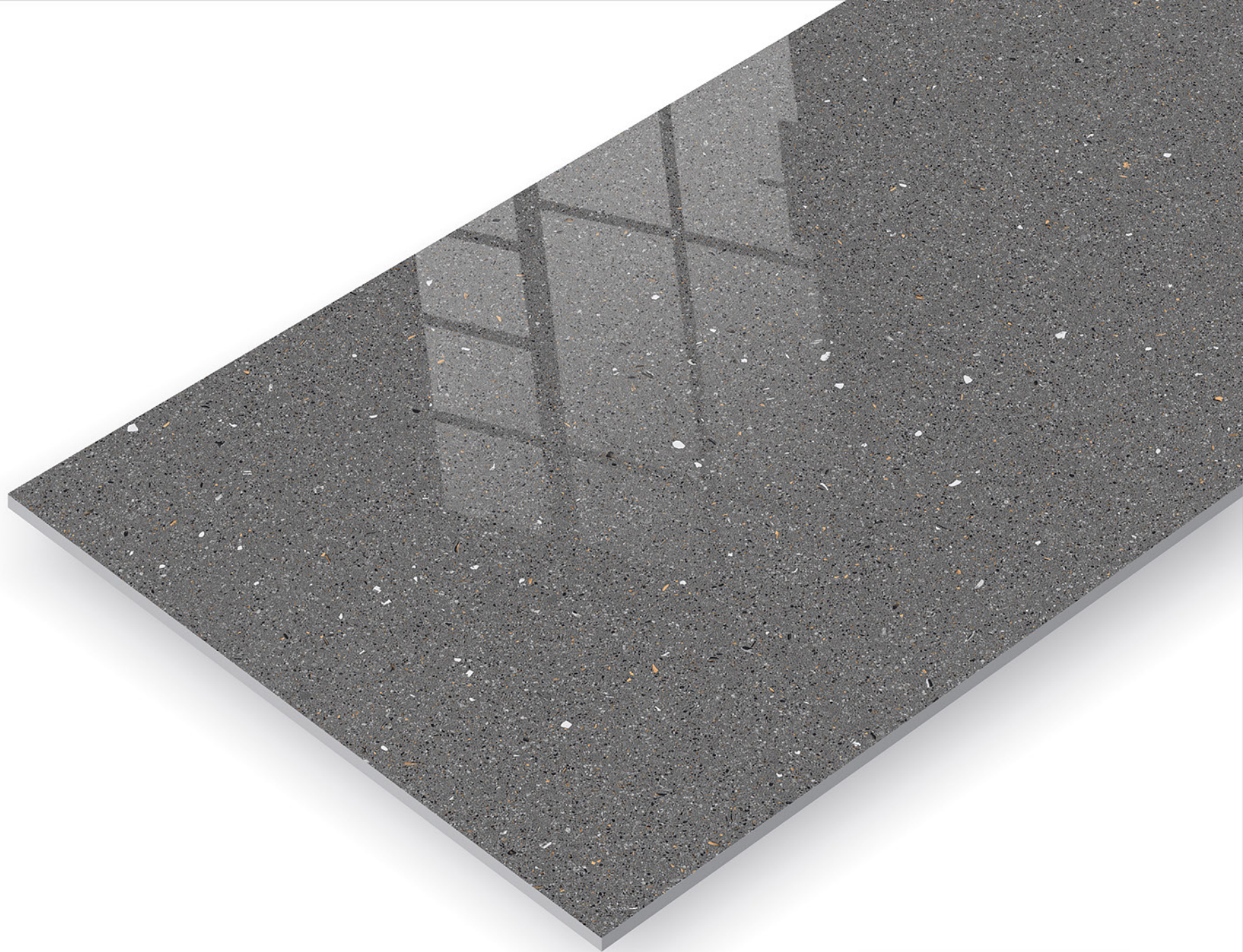
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



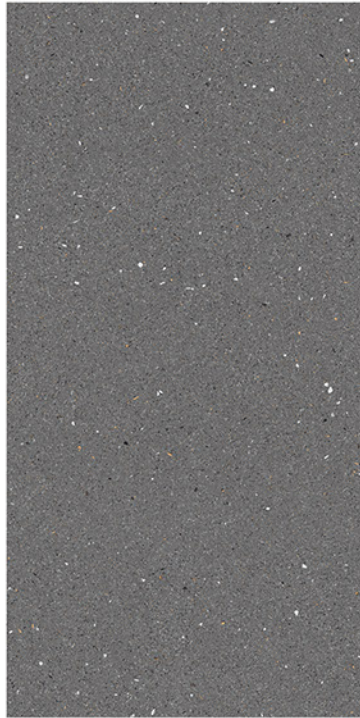
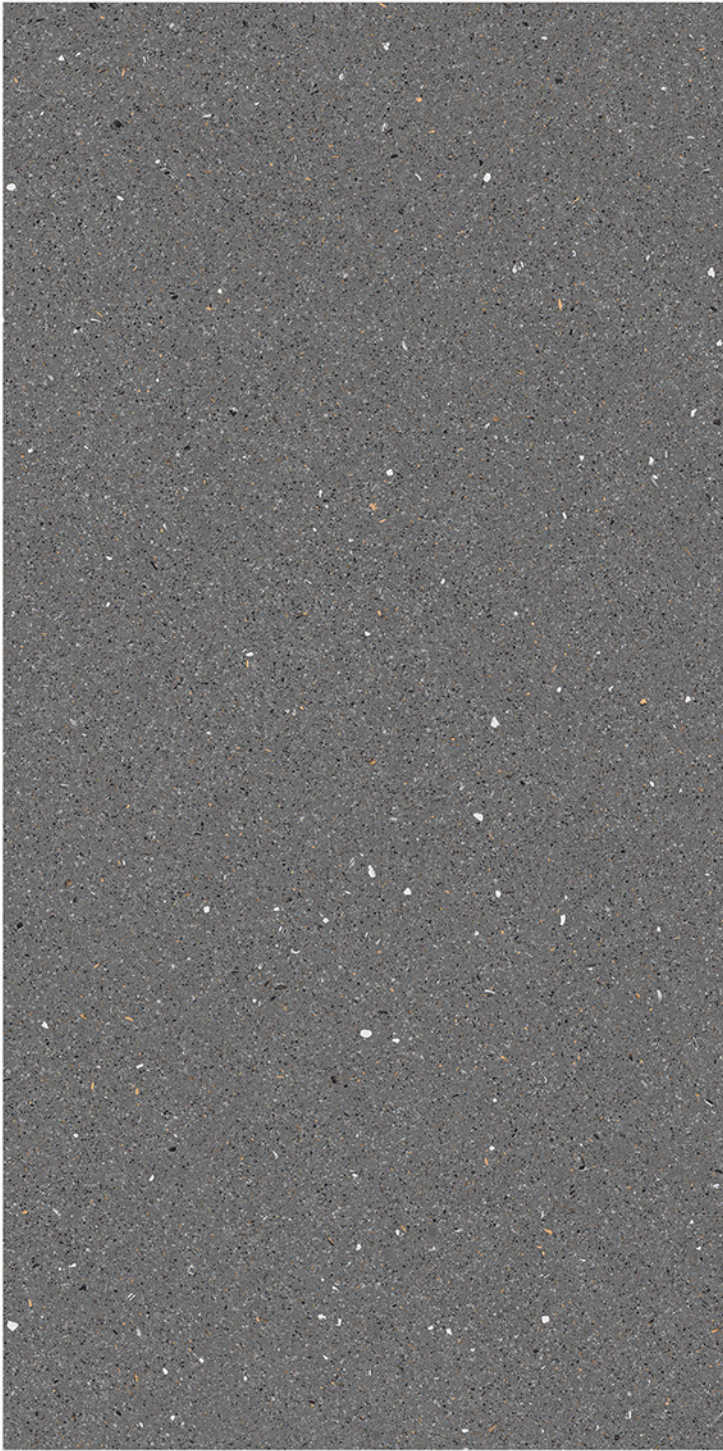
**lux
charcoal**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**lux
charcoal**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

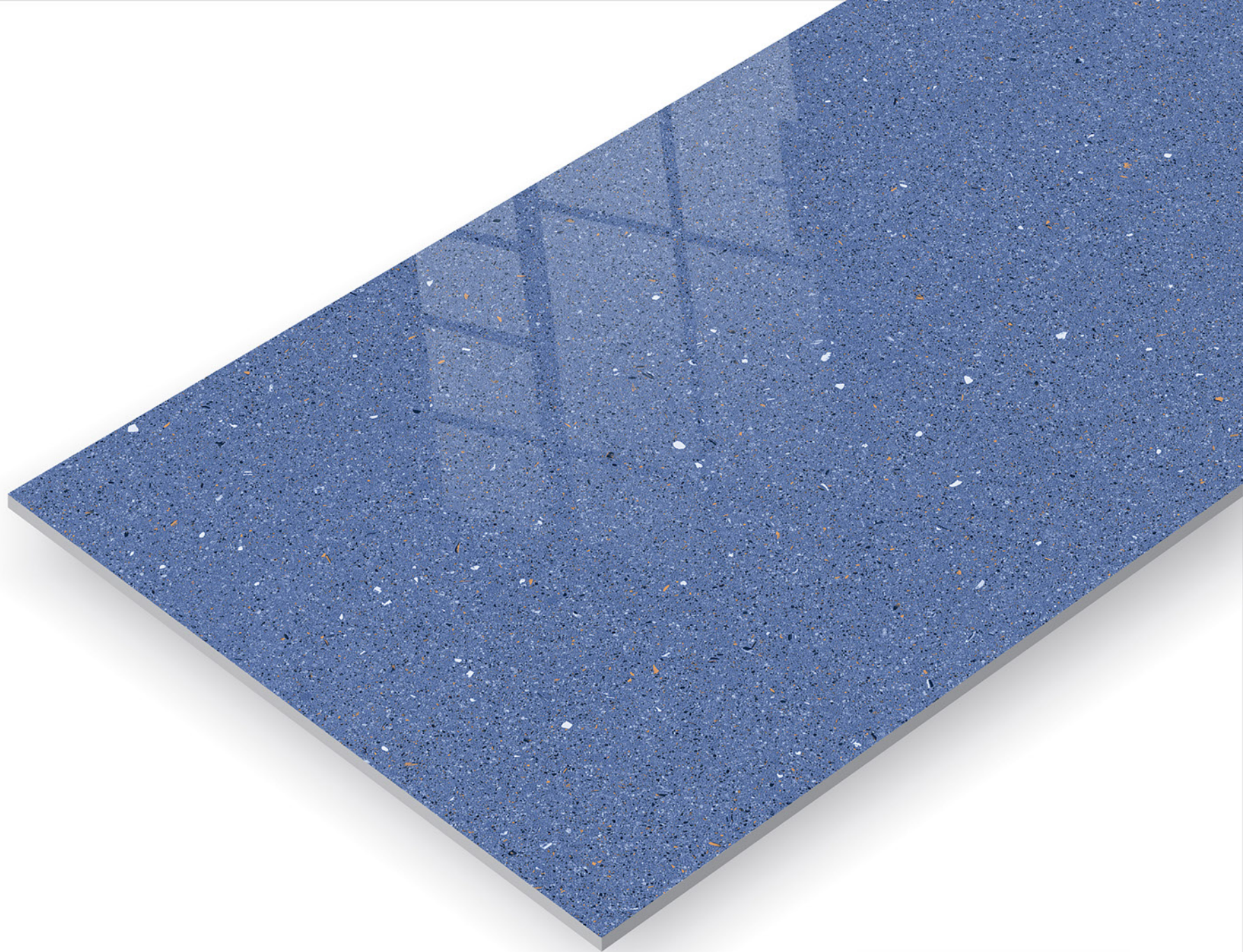
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



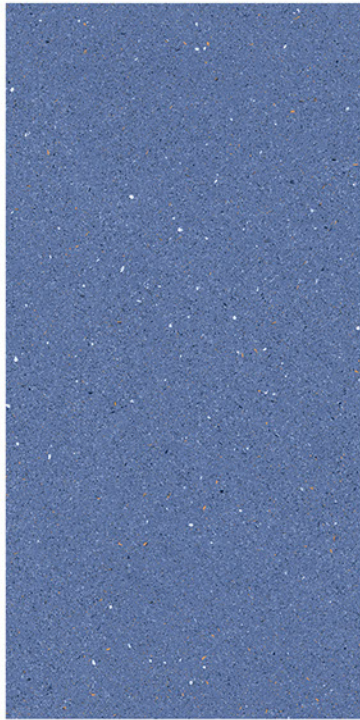
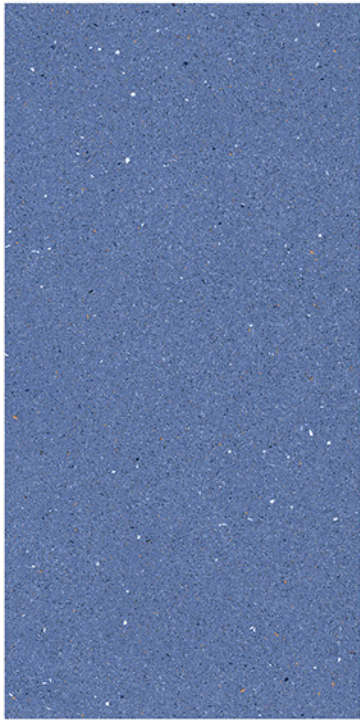
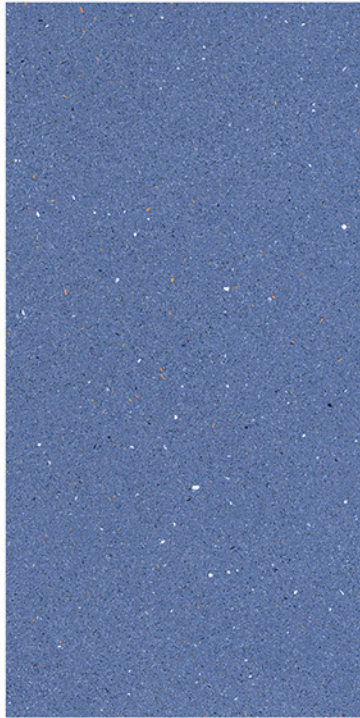
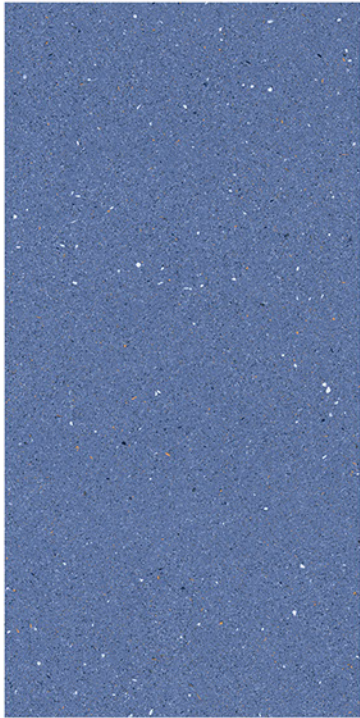
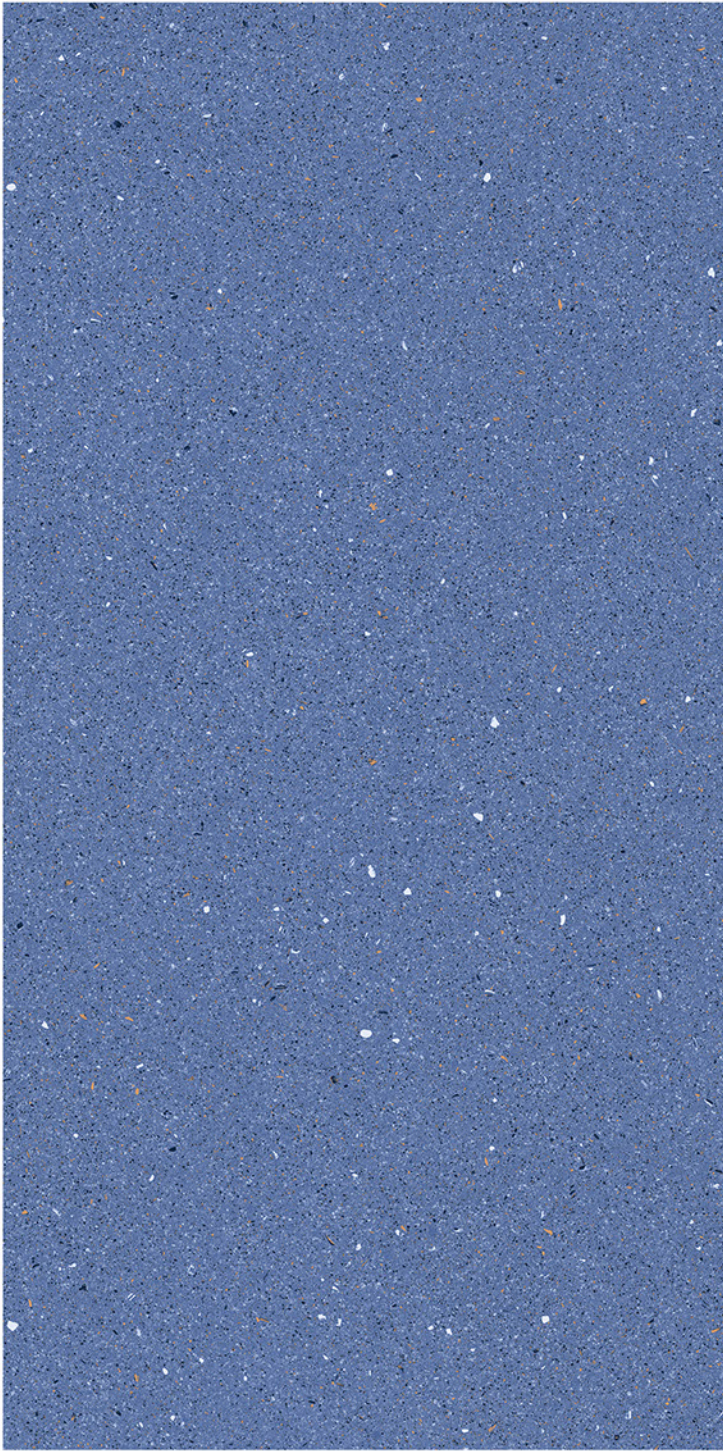
**lux
blue**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

lux
blue



600x
1200mm



 Finish: **GLOSSY**

 HIGH STRENGTH

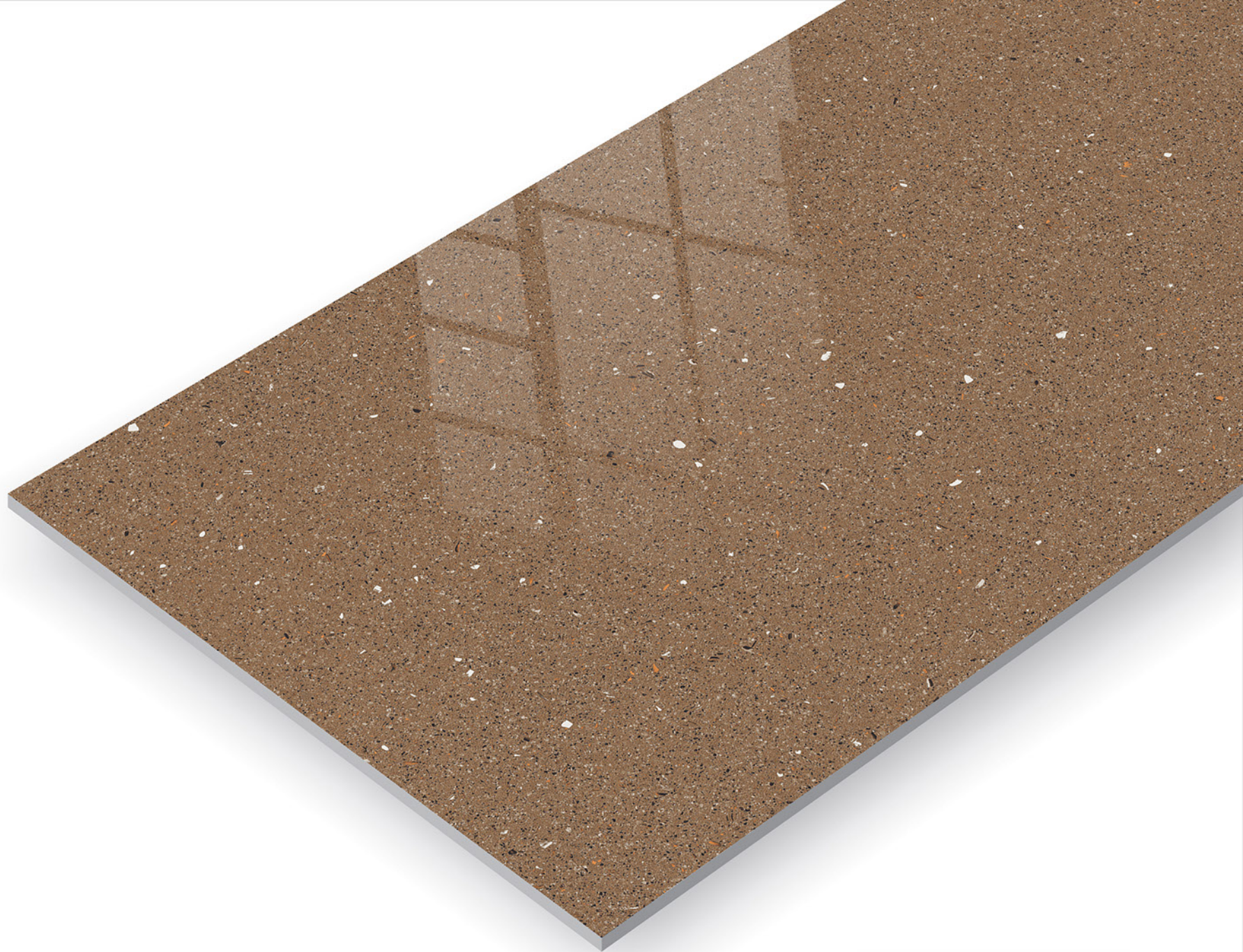
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



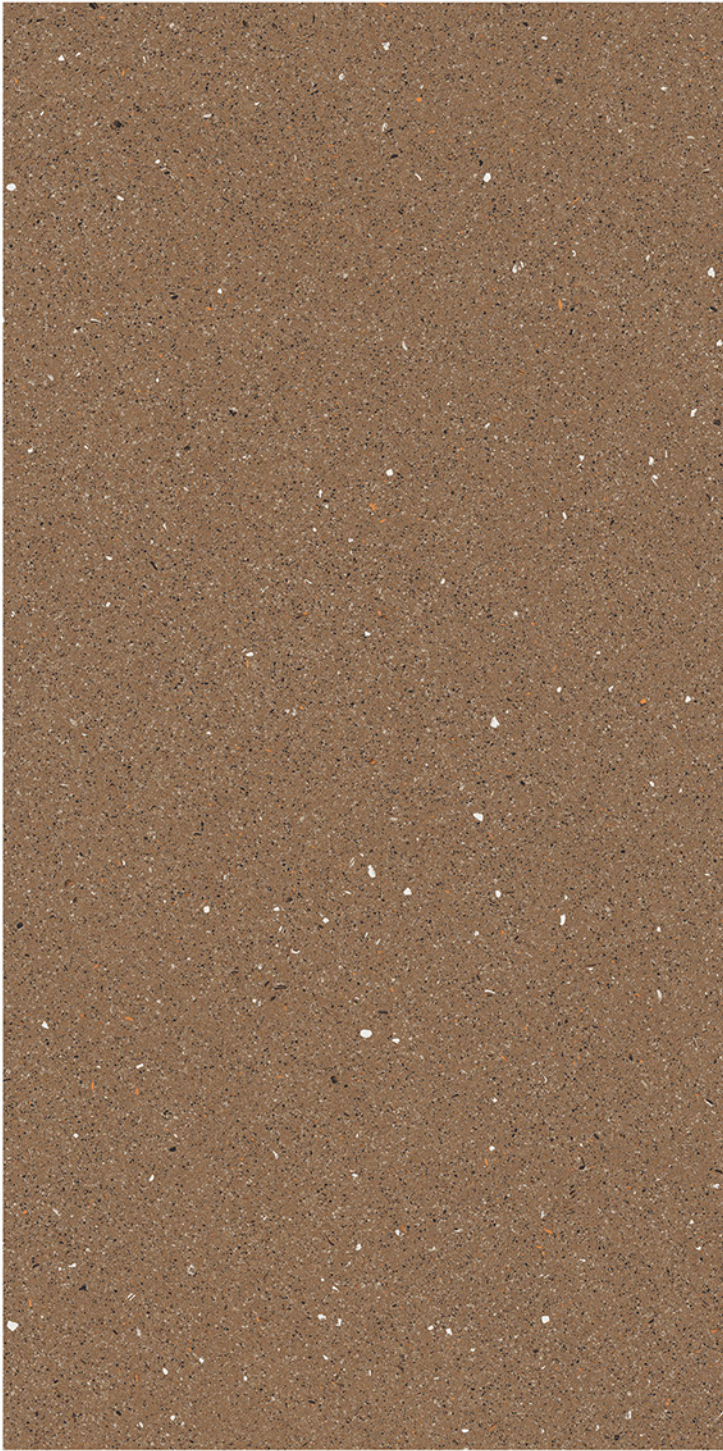
**lux
coffee**



**600x
1200mm**



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**lux
coffee**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

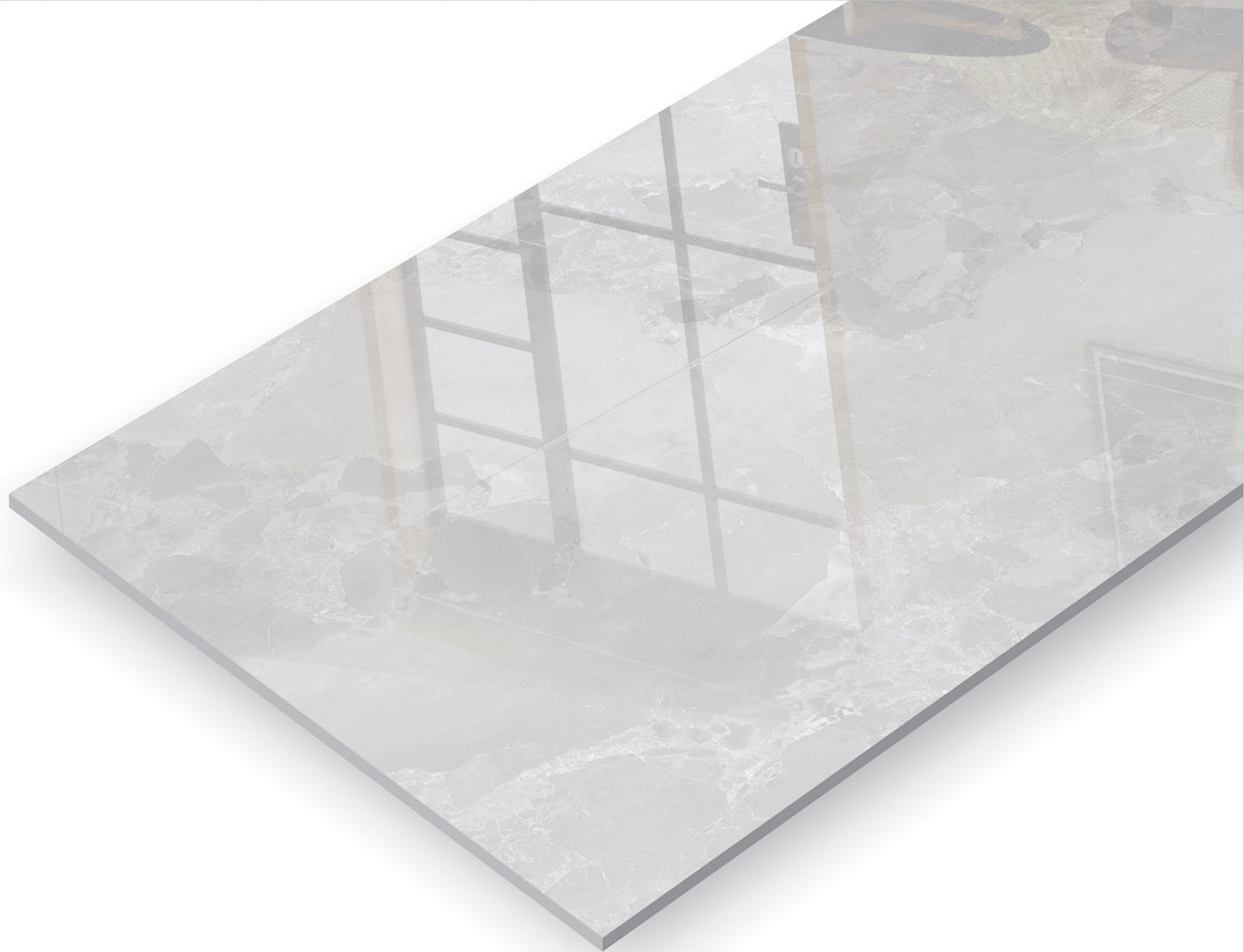
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



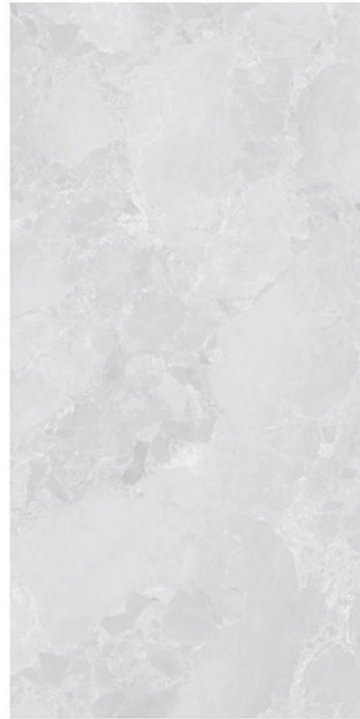
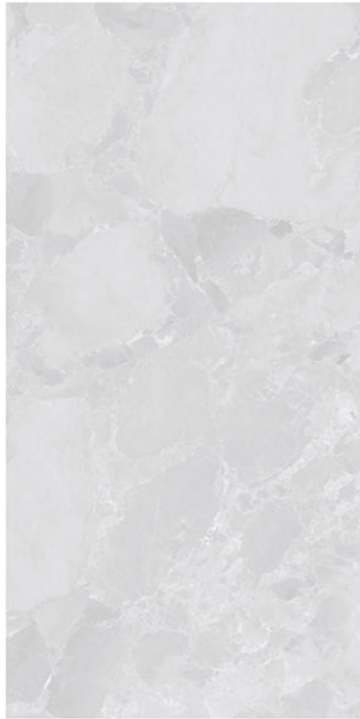
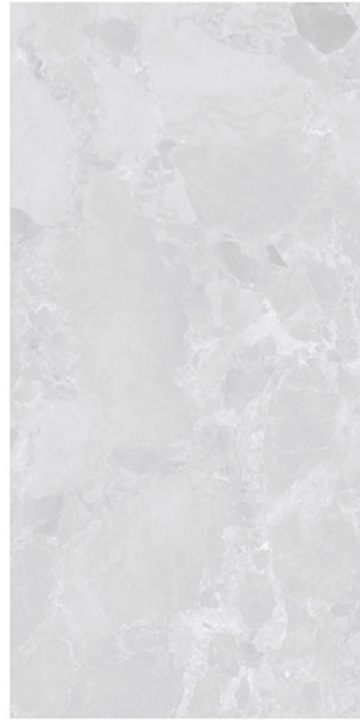
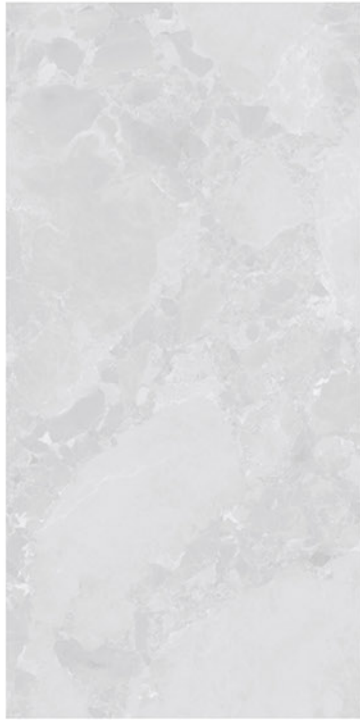
**eberico
bianco**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**eberico
bianco**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

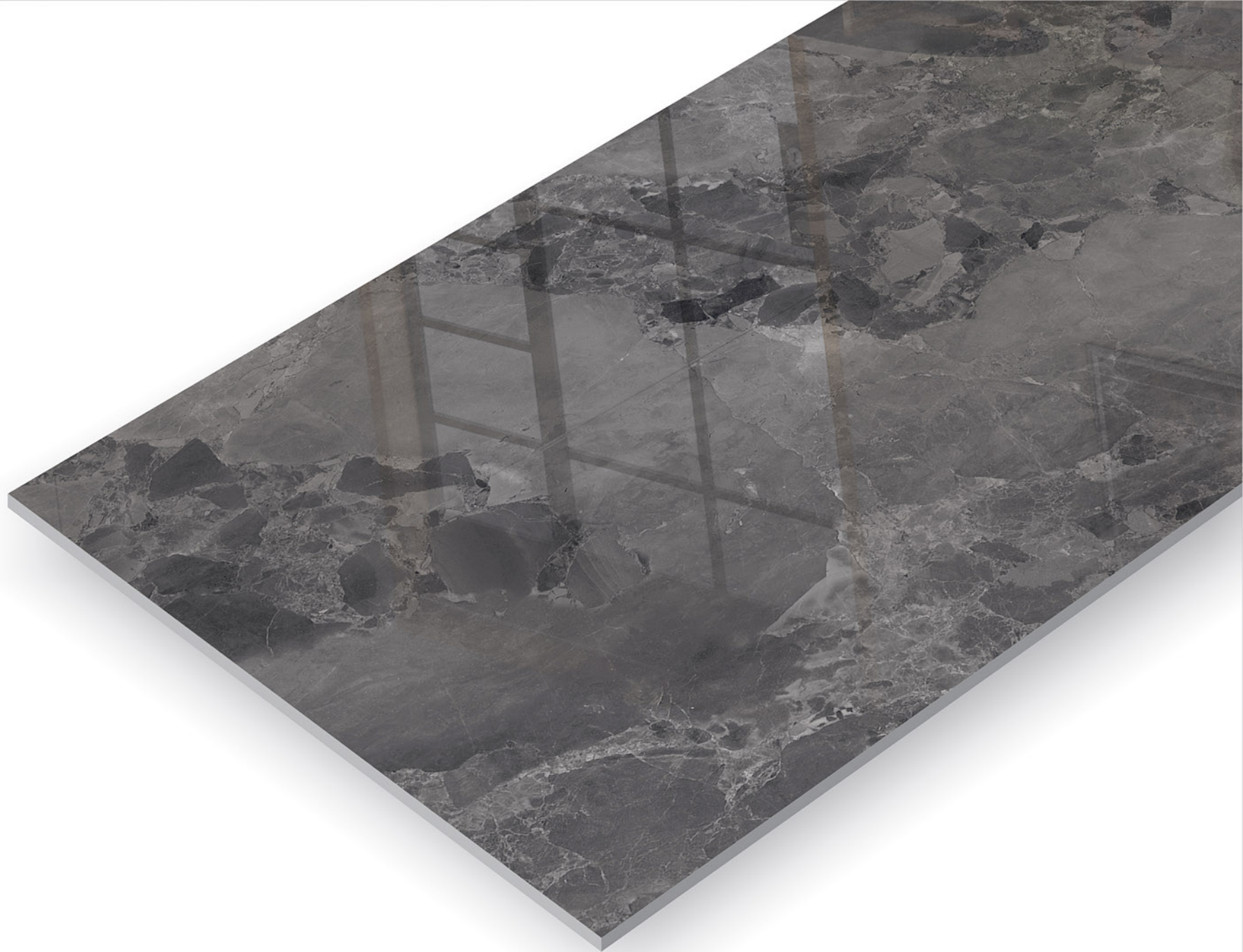
 RANDOM DESIGN

 LOW MAINTENANCE





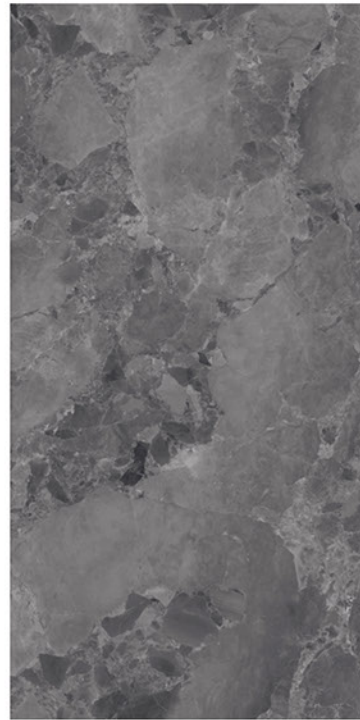
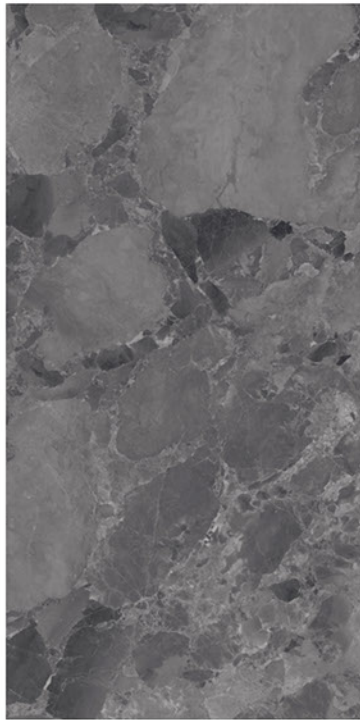
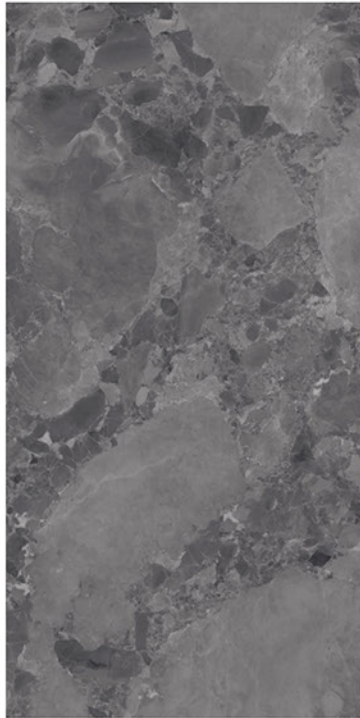
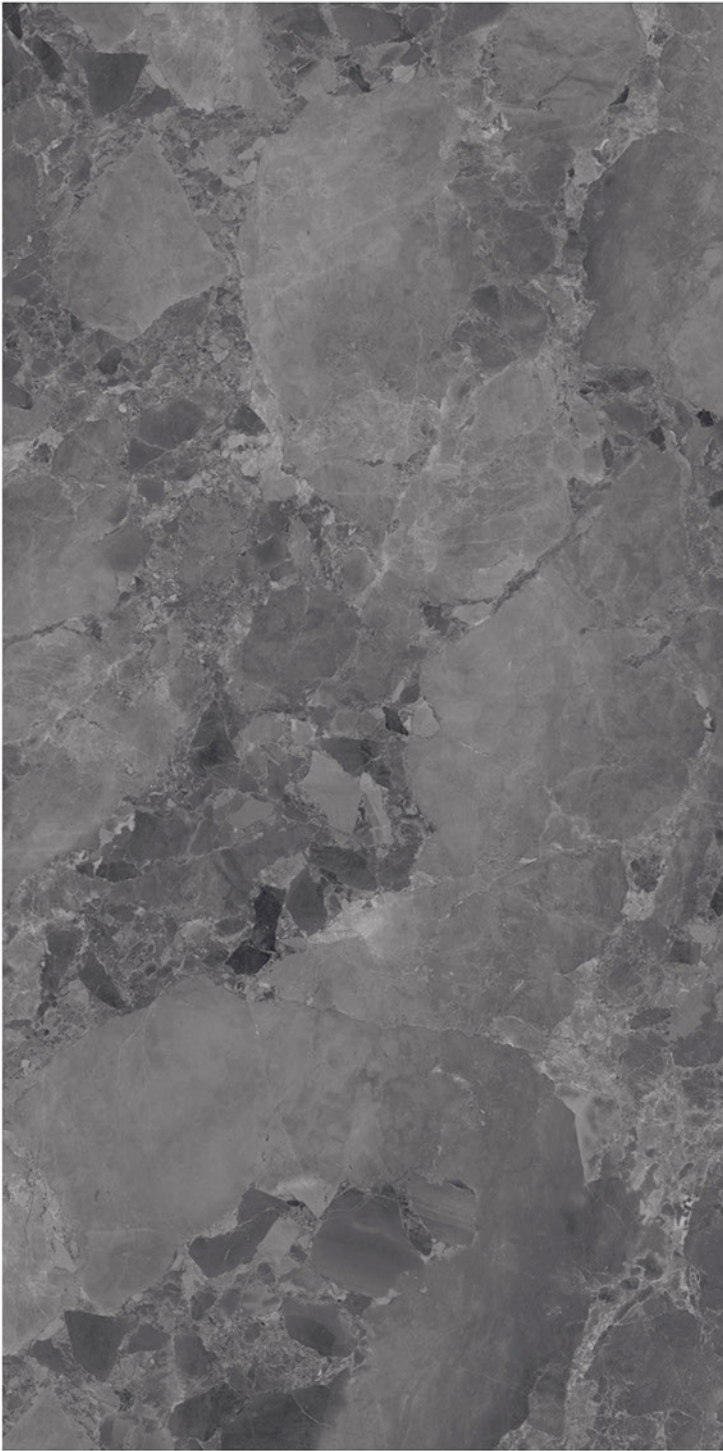
**eberico
nero**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

**eberico
nero**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE





**silver
roots bianco**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

**silver
roots bianco**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



silver
roots bianco



**silver
roots grey**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**silver
roots grey**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



silver
roots grey



**nexo
white**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**nexo
white**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**nexo
grey**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**nexo
grey**



**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



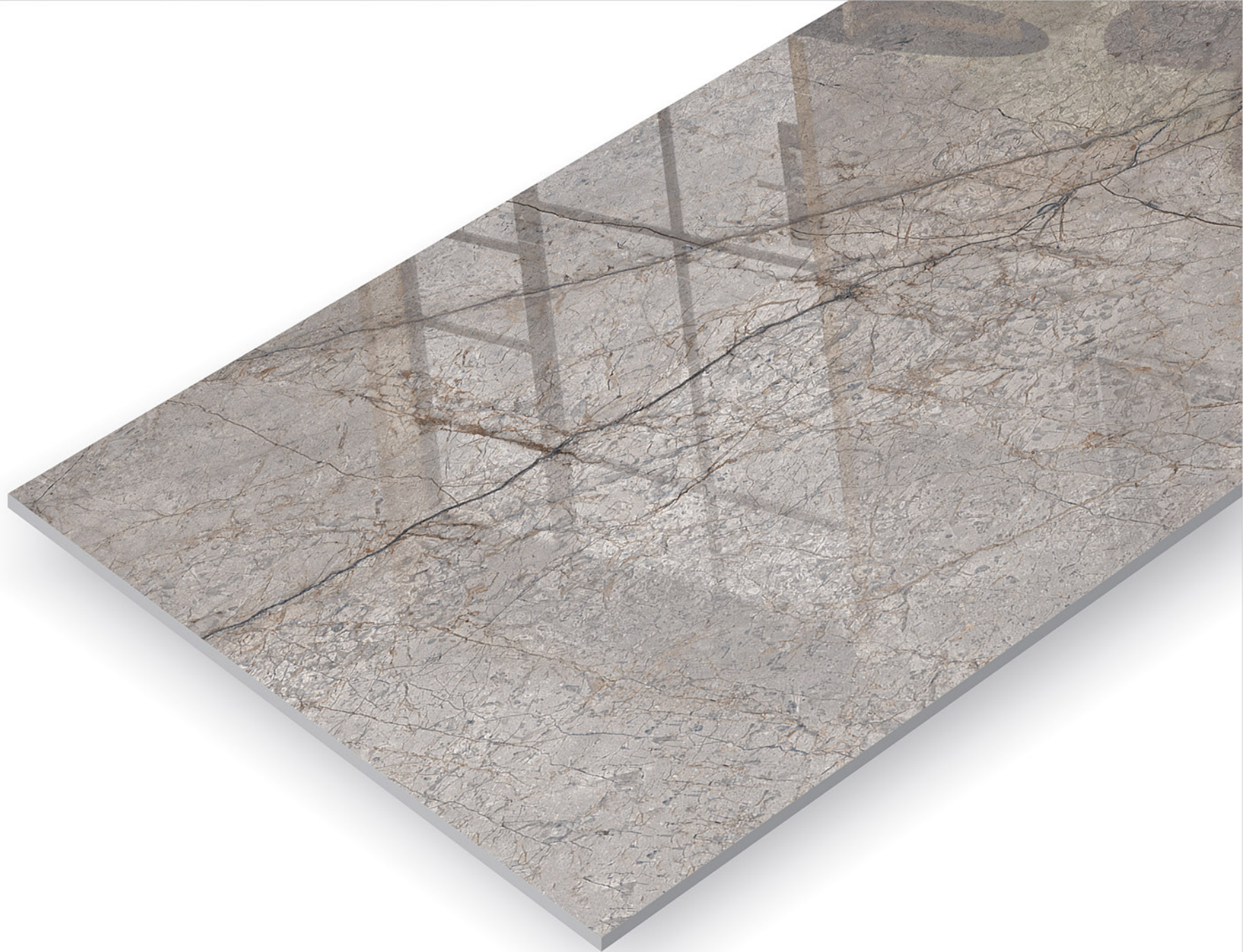
LOW MAINTENANCE



the
yo
the
yo



**silver
river**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**silver
river**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE





**golden
river**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**golden
river**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



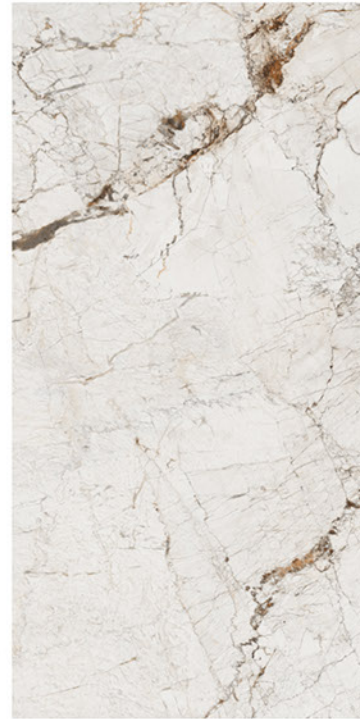
**burder
grey**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

**burder
grey**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



burder
grey



**burder
crema**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

burder crema



**600x
1200mm**




 Finish: **GLOSSY**


 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

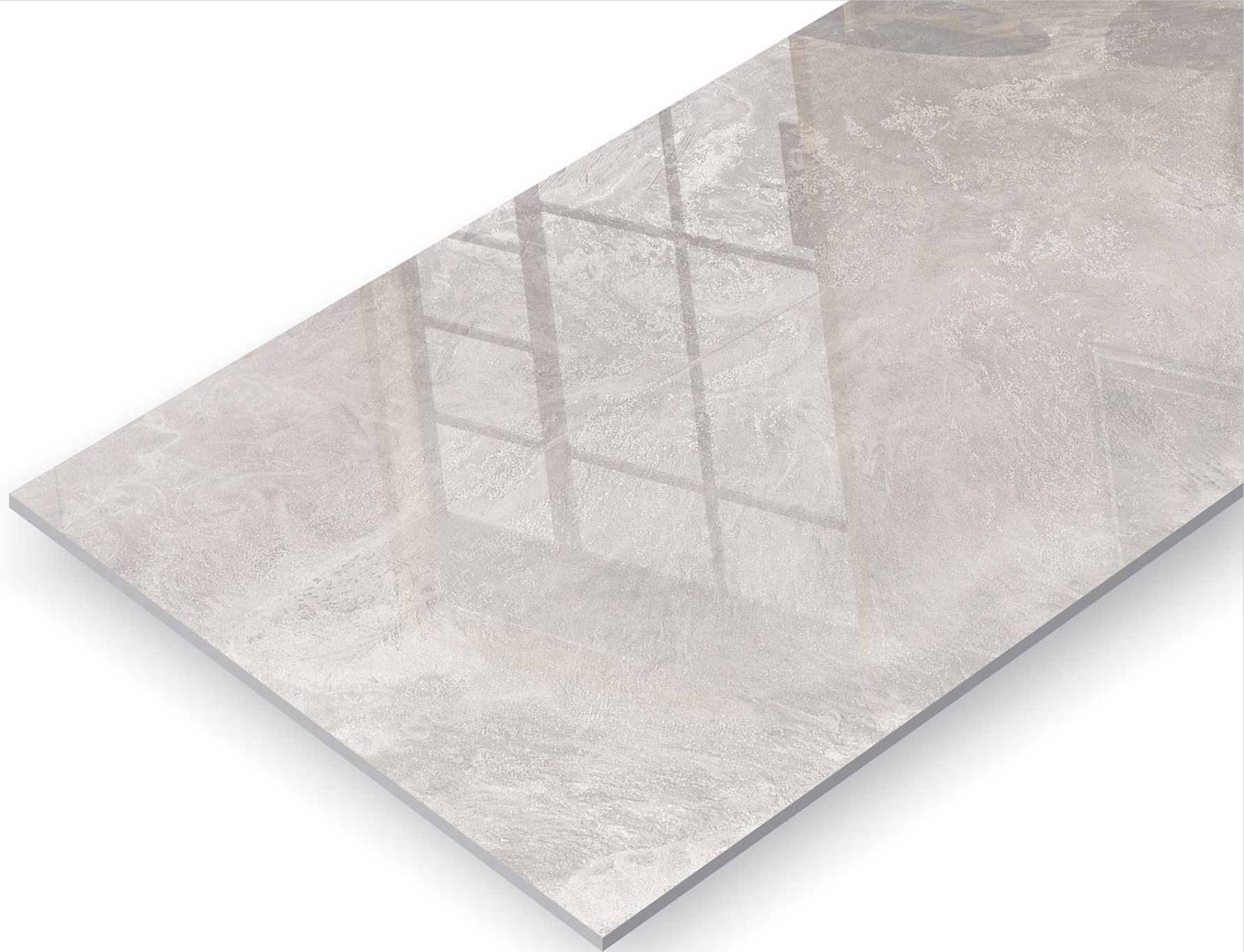
 LOW MAINTENANCE



 burder
crema



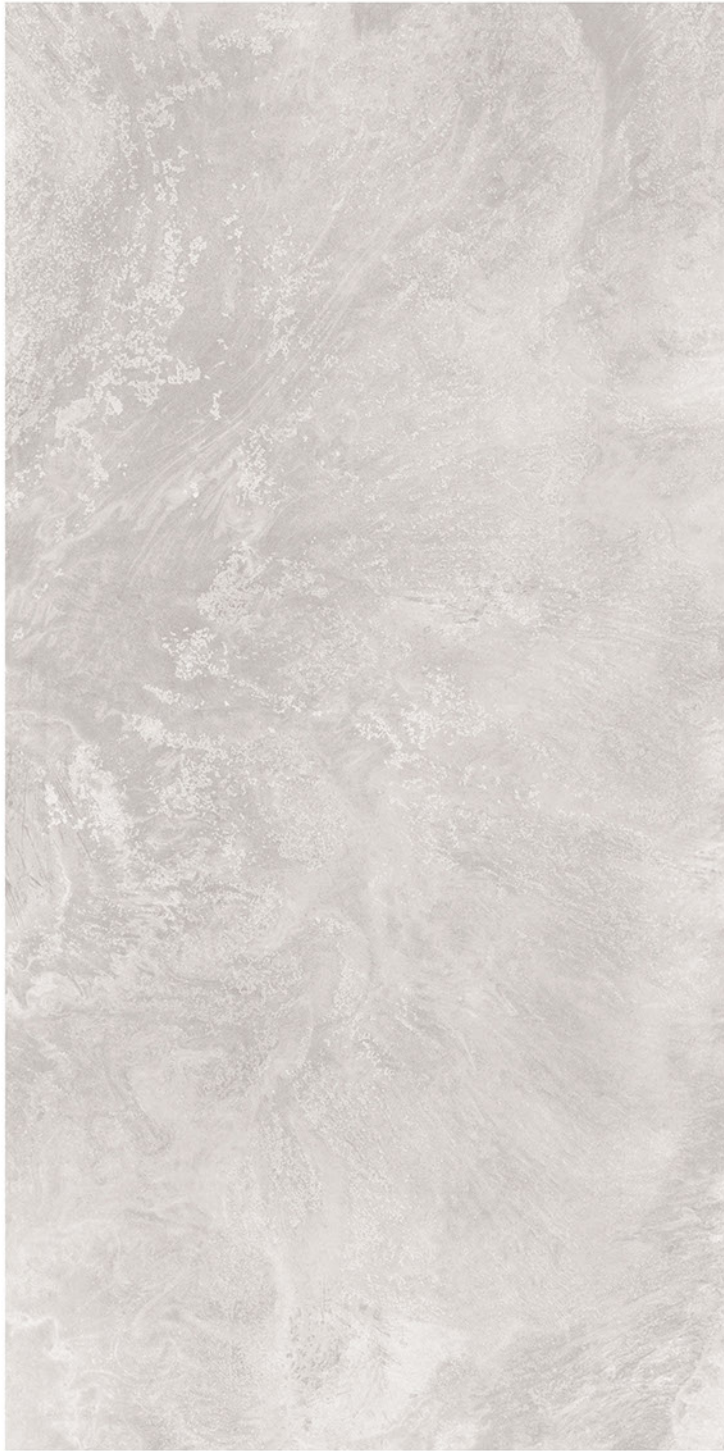
**ocean
grey**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**ocean
grey**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

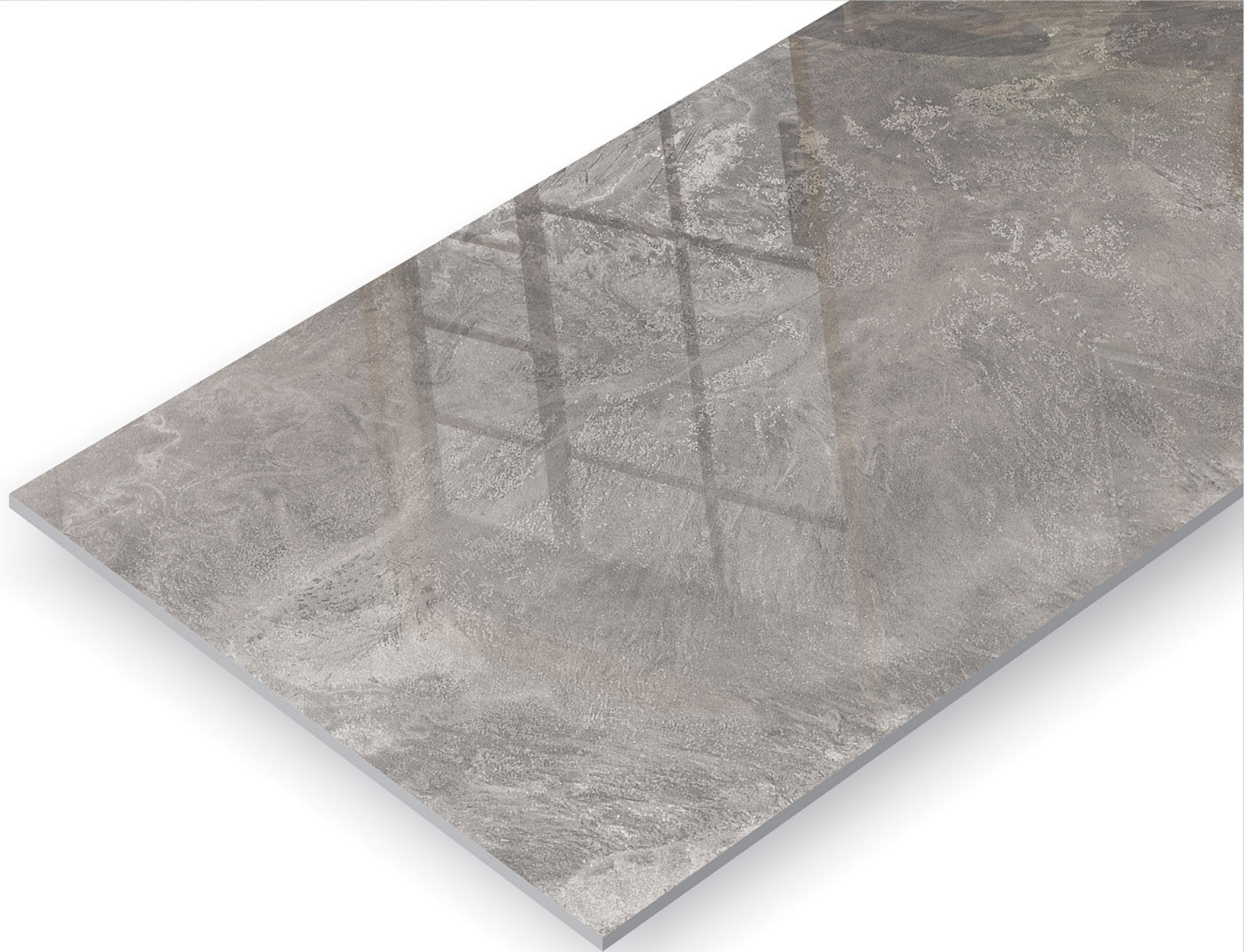
 LOW MAINTENANCE



ocean
grey



**ocean
graphite**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

**ocean
graphite**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN

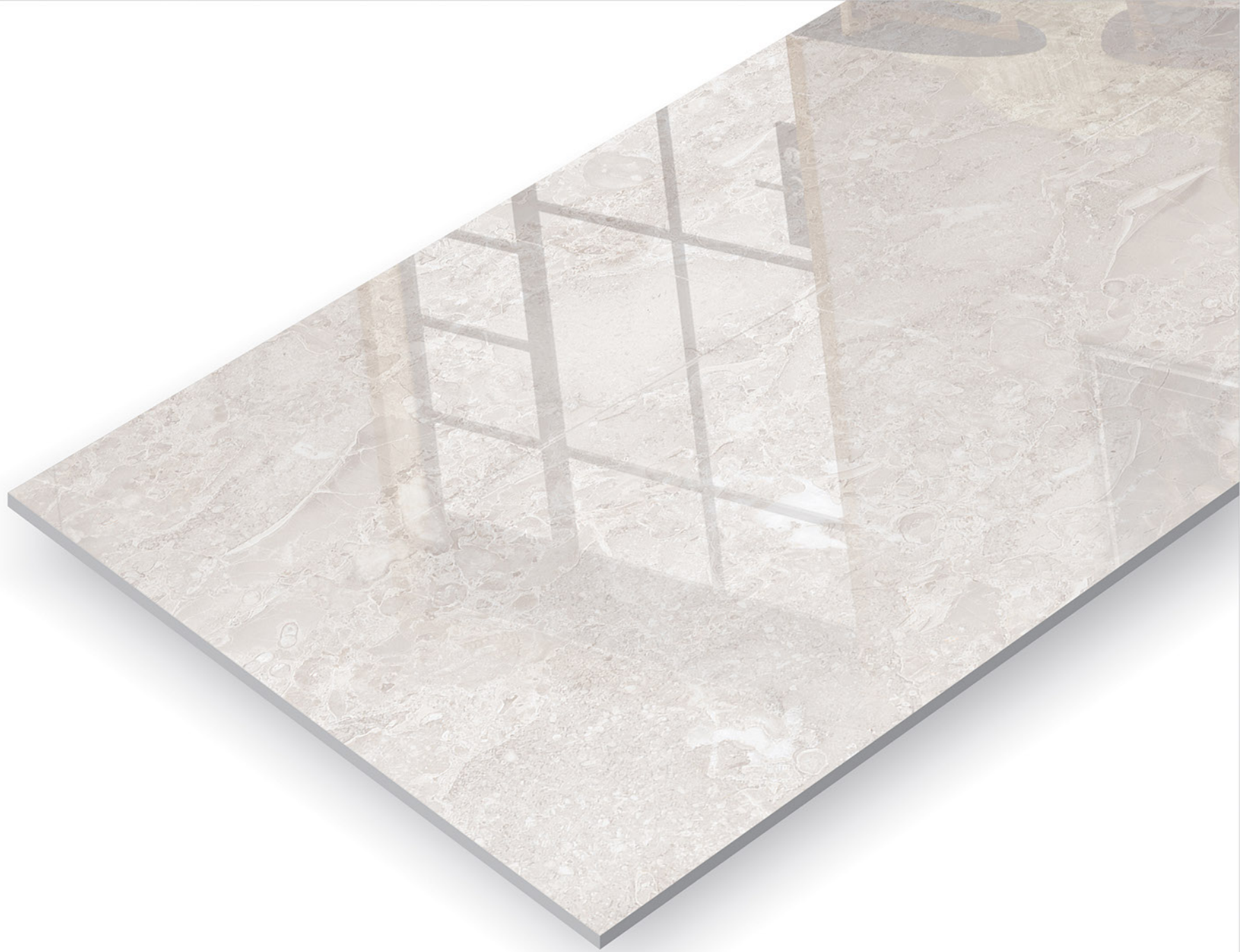


LOW MAINTENANCE



ocean
graphite

oram
pearl



600x
1200mm



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**oram
pearl**



**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE





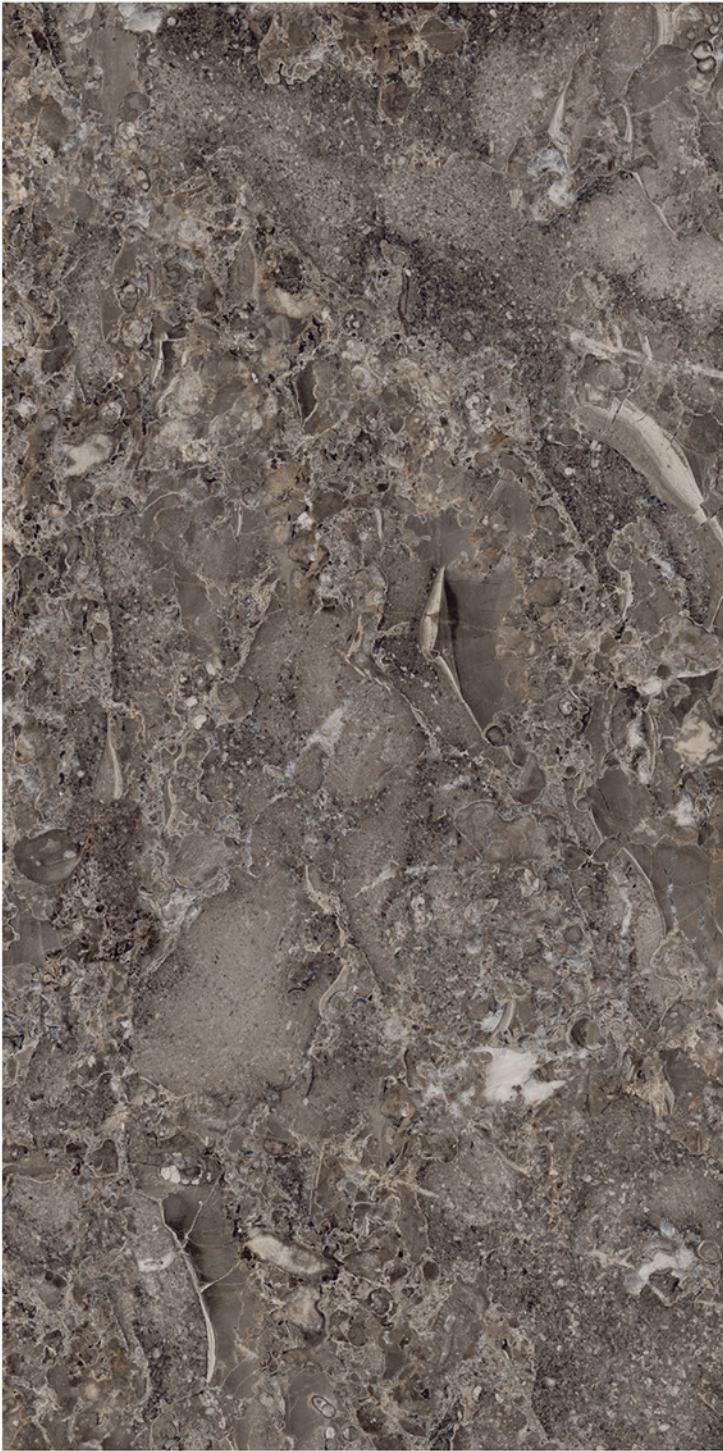
oram
grey



600x
1200mm



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE


**oram
grey**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



oram
grey



**oram
crema**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**oram
crema**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



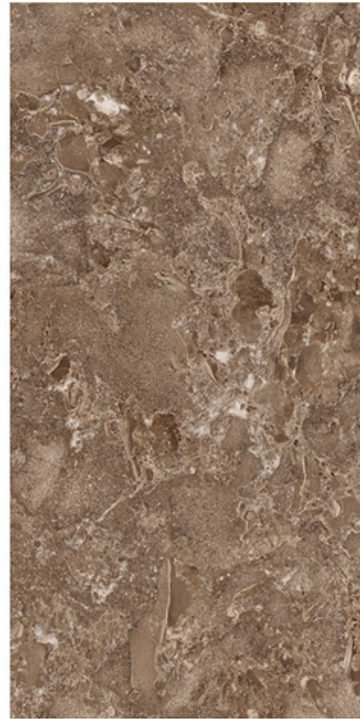
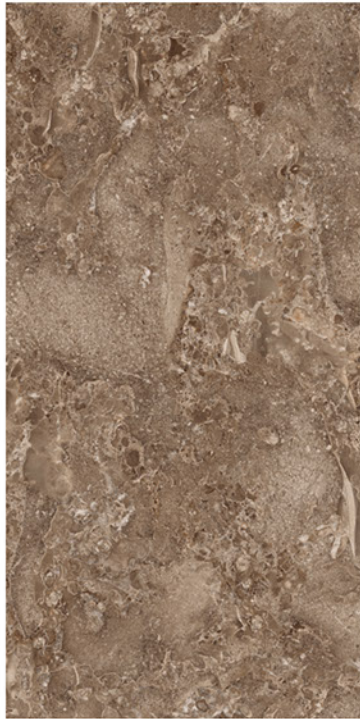
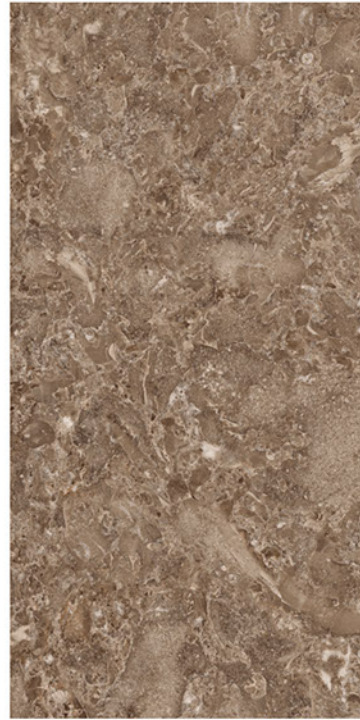
**oram
choco**



**600x
1200mm**



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**oram
choco**



**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**laurent
bianco**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**laurent
bianco**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

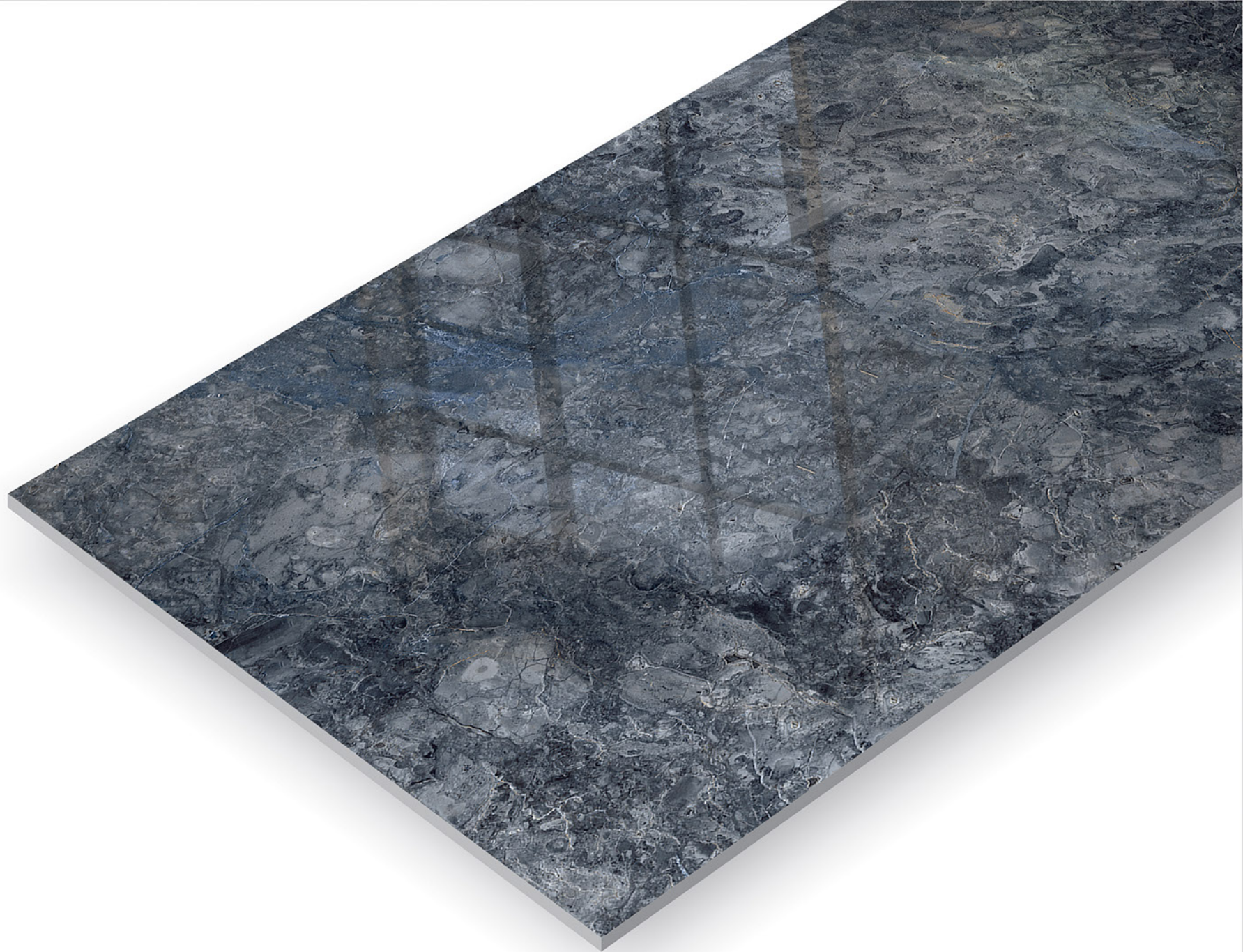
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



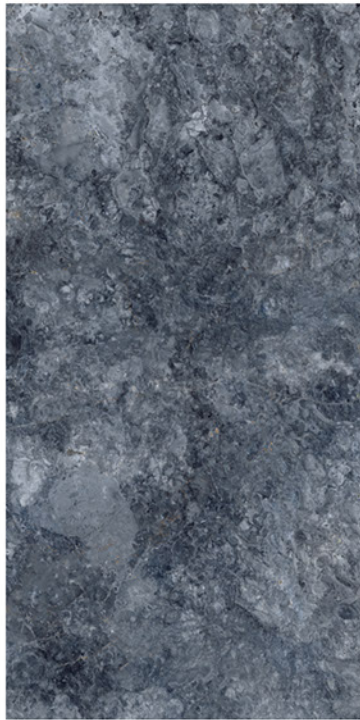
laurent
blue



600x
1200mm



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**laurent
blue**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE

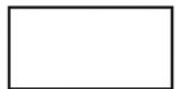


laurent
blue

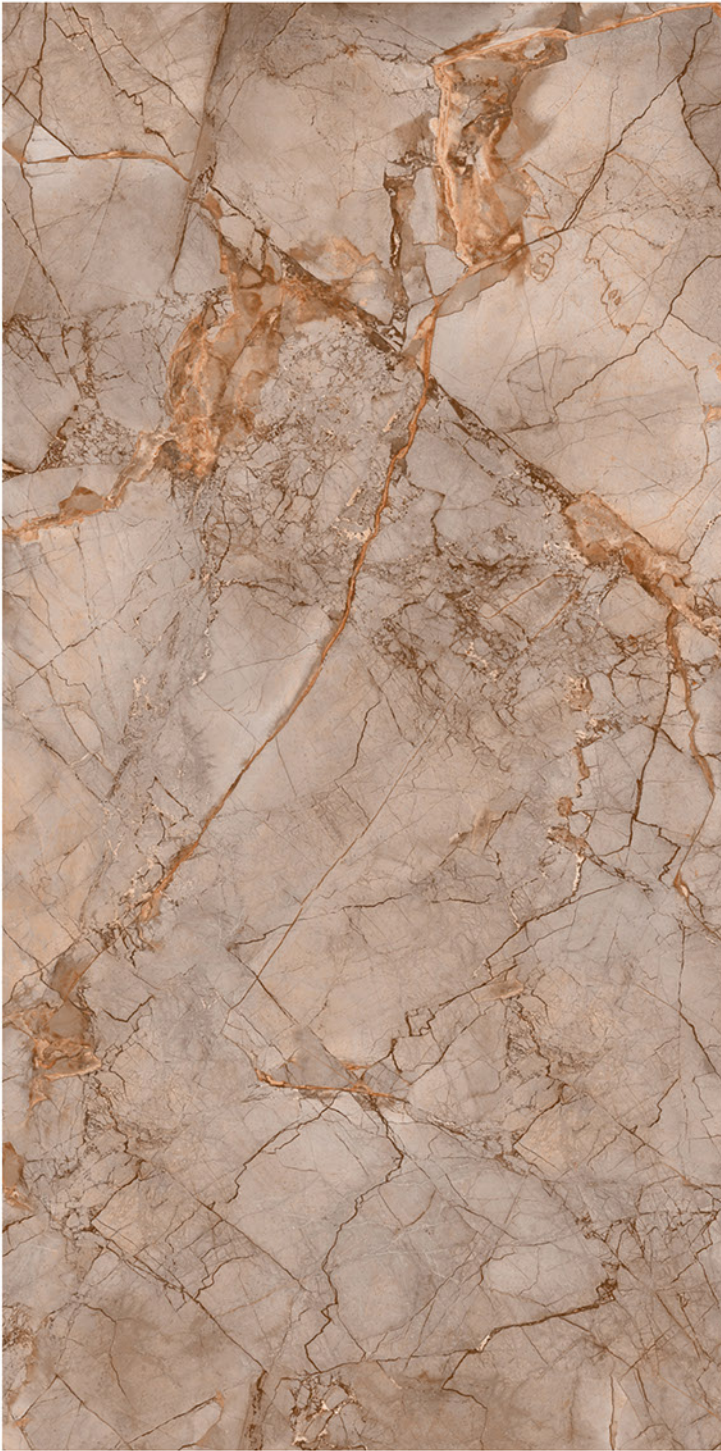


**oriental
choco**

**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

oriental choco



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE





**oriental
grey**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

oriental grey



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

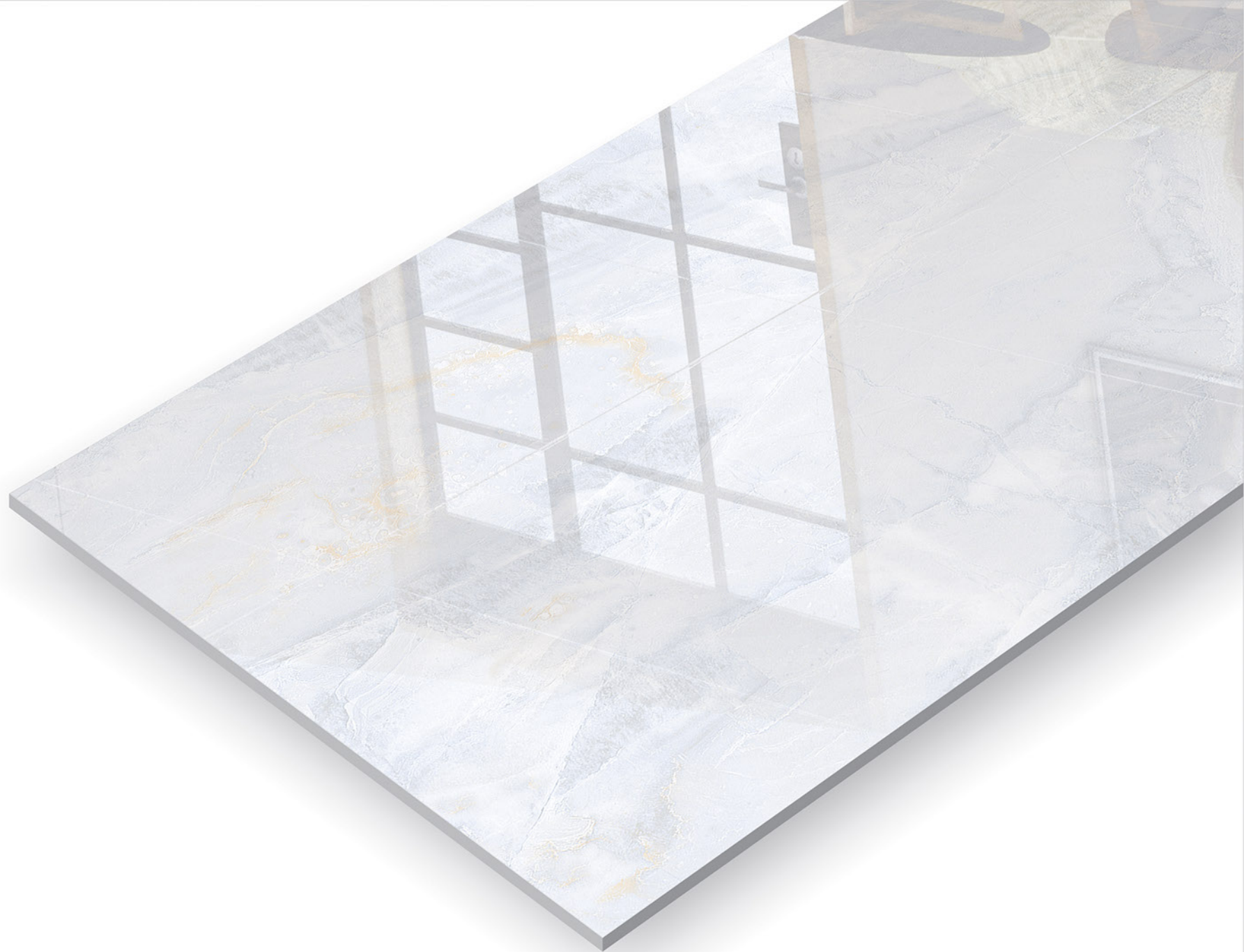
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



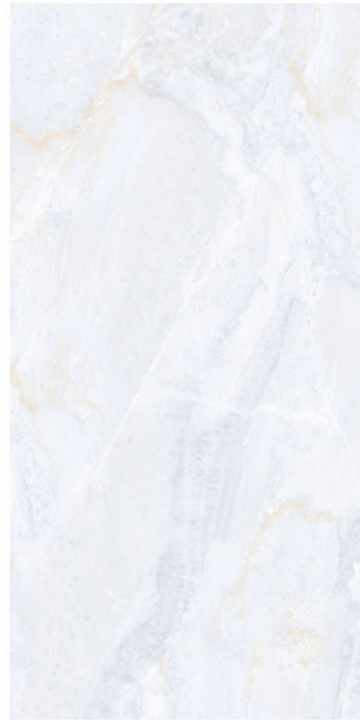
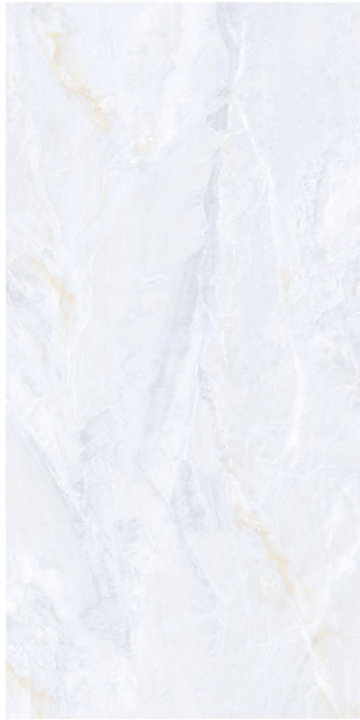
**monaco
aqua**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**monaco
aqua**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

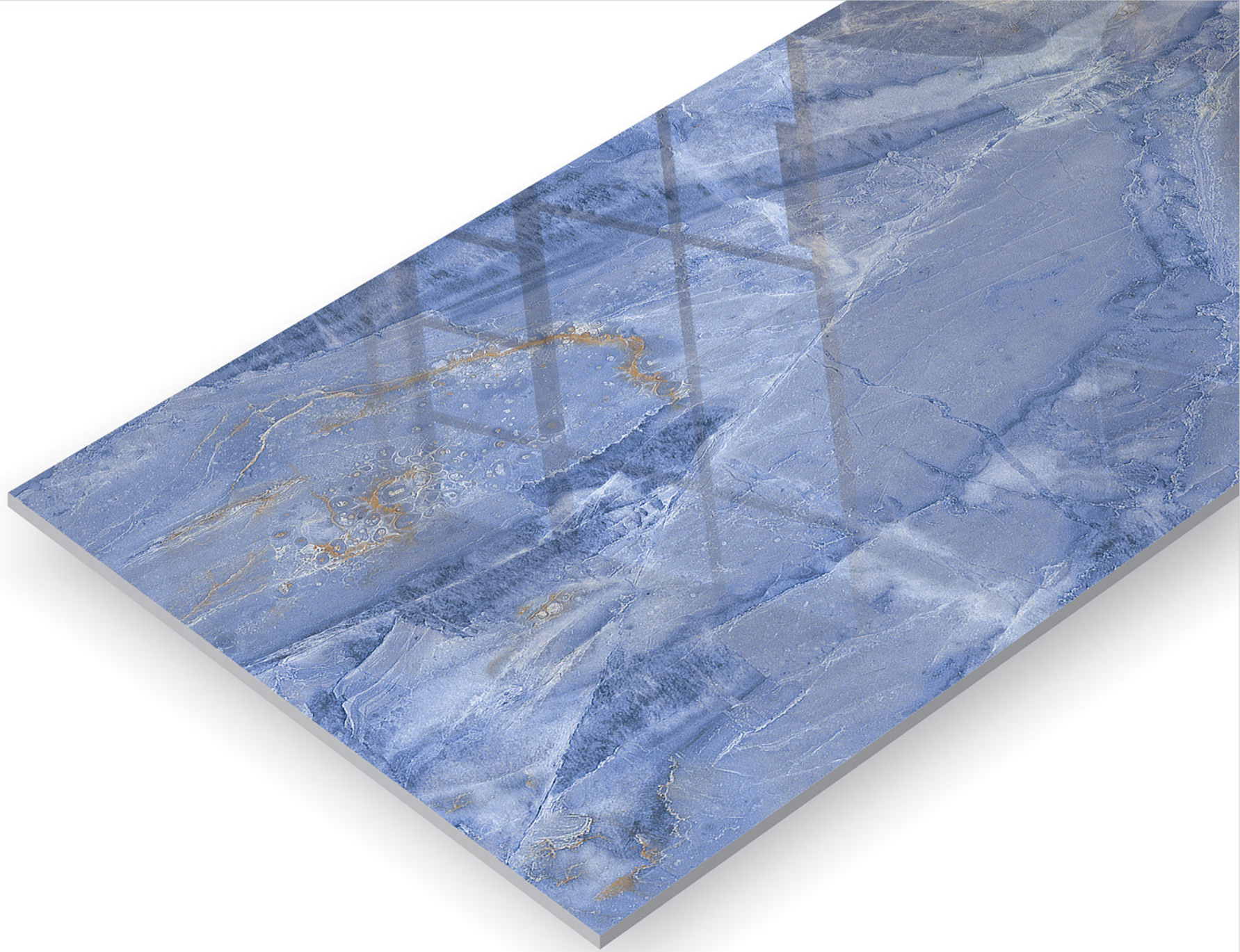
 LOW MAINTENANCE



monaco
aqua



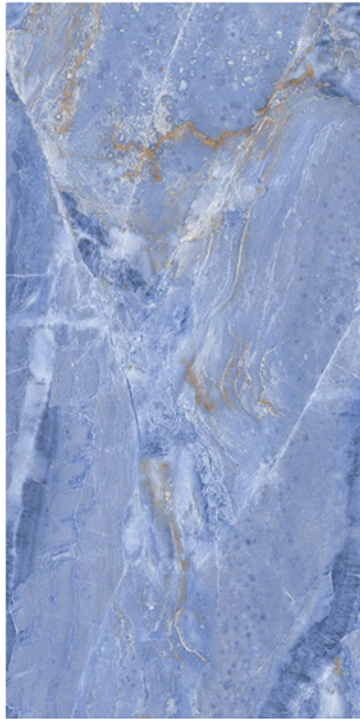
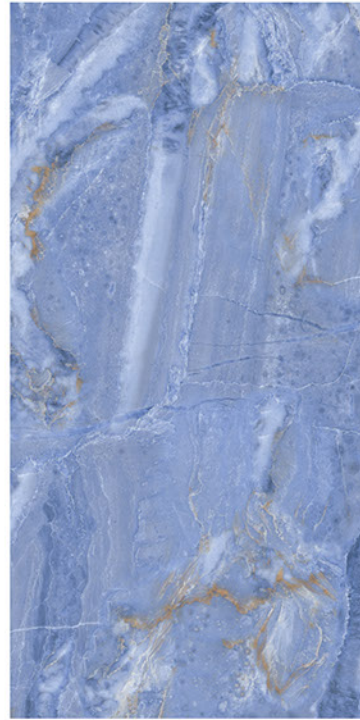
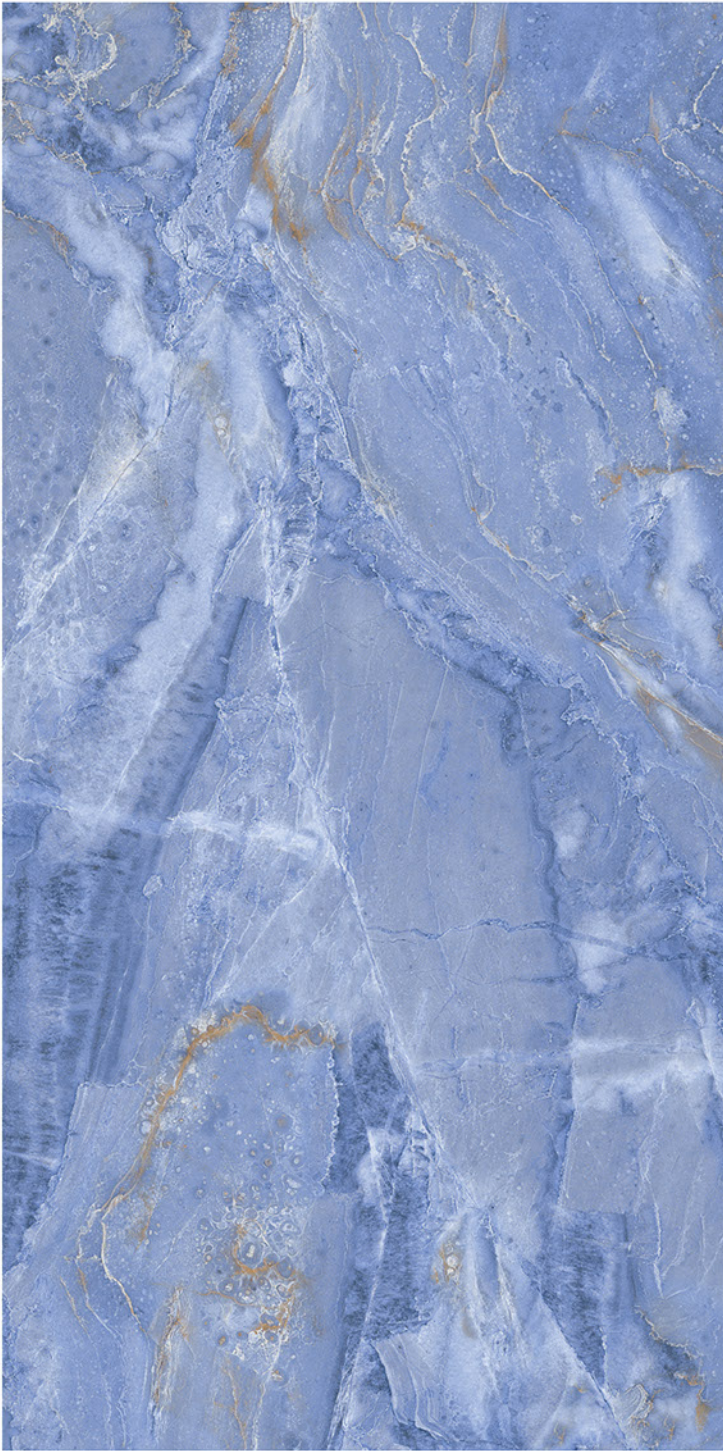
**monaco
blue**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**monaco
blue**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

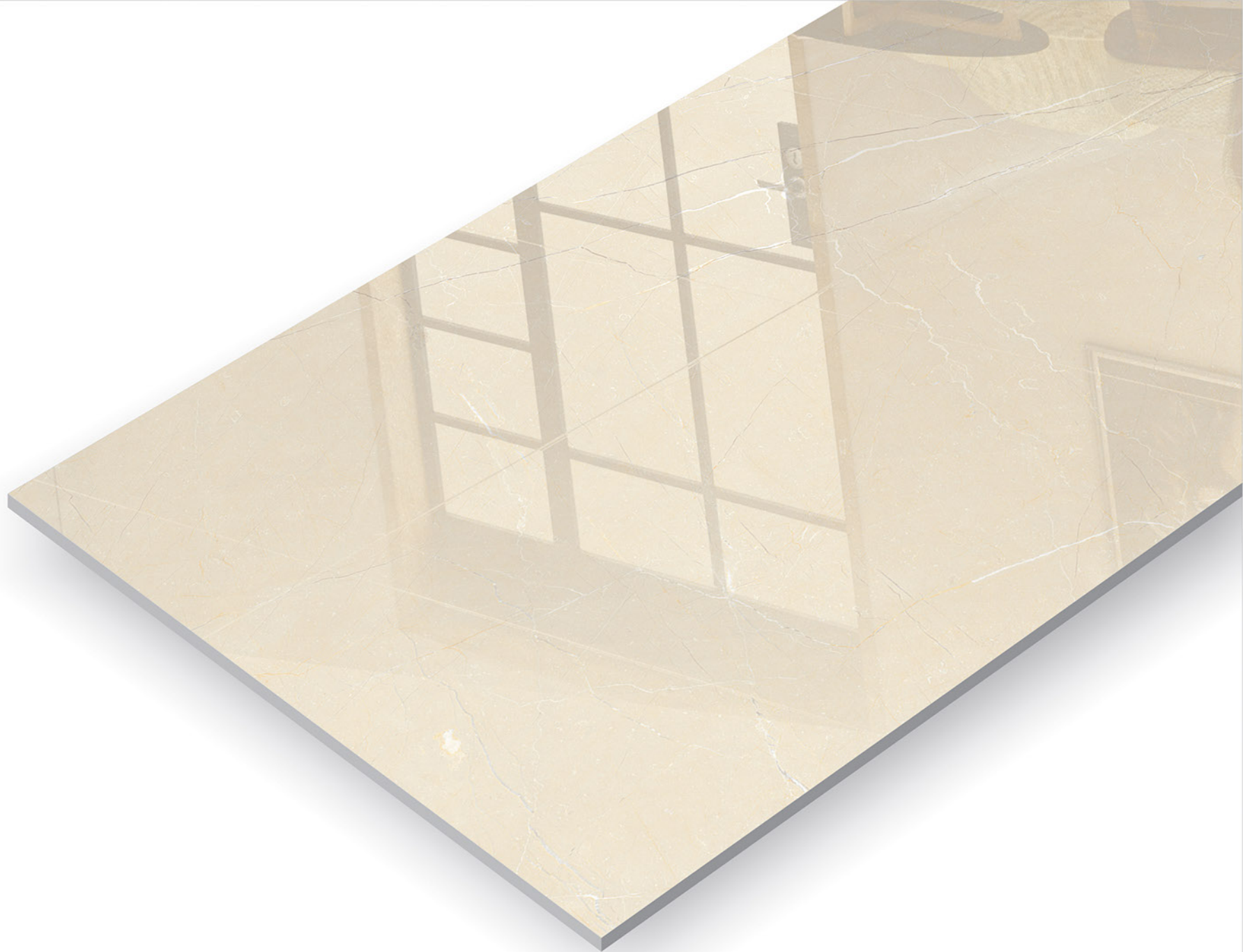
 LOW MAINTENANCE



monaco
blue



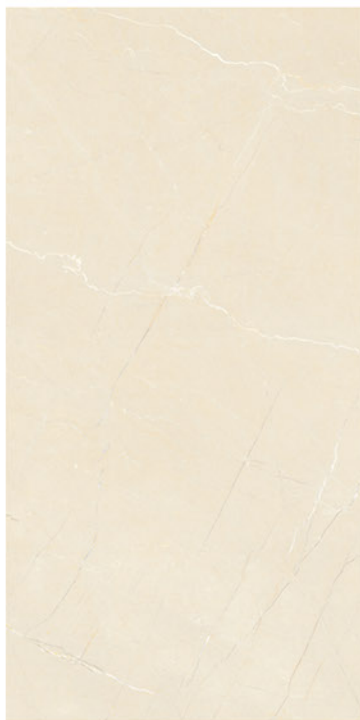
**rosaliya
crema**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**rosaliya
crema**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

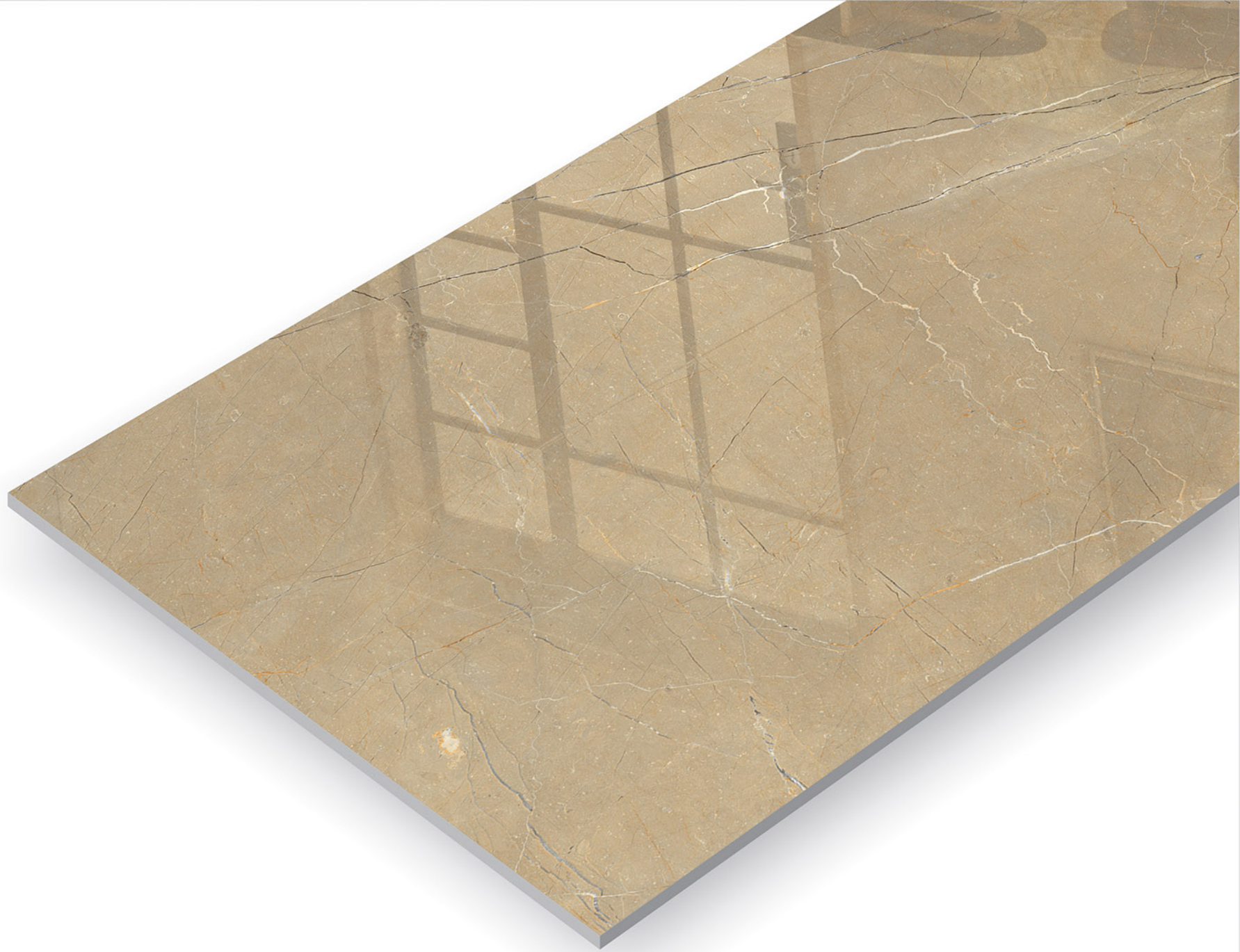
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



rosaliya
gold



600x
1200mm



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**rosaliya
gold**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**glassia
crema**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**glassia
crema**



**600x
1200mm**



 Finish: **GLOSSY**





**glassia
gold**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**glassia
gold**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**fusion
white**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

**fusion
white**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**fusion
grey**



**600x
1200mm**



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**fusion
grey**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**fusion
ivory**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

**fusion
ivory**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**fusion
choco**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

**fusion
choco**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE

Technical Specifications

CHARACTERISTICS	STANDARD AS PER ISO-13006/EN14411 GROUP BIA	OUR VALUE OF PGVT	OUR VALUE OF GVT	TEST METHOD
REGULATORY PROPERTIES				
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
SURFACE MECHANICAL PROPERTIES				
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
MASSIVE MECHANICAL PROPERTIES				
Modulus of rupture	Min. 35 N/mm ²	Min. 40 N/mm ²	Min. 40 N/mm ²	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
SURFACE MECHANICAL PROPERTIES				
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
THERMO HYDROMETRIC PROPERTIES				
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 ⁻⁶	Max. 6.5x10 ⁻⁶	Max. 6.5x10 ⁻⁶	ISO-10545-8
Crazing resistance	as per mfg.	Min. 10 Cycle	Min. 10 Cycle	ISO-10545-11
CHEMICAL PROPERTIES				
Chemical resistance	No damage	No damage	No damage	ISO-10545-13
Stain resistance	Resistant	Resistant	Resistant	ISO-10545-14
SAFETY PROPERTIES				
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

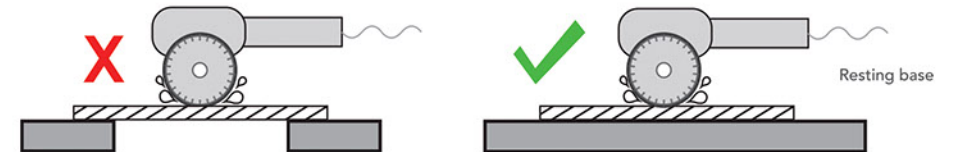
As long as the technical capacity of the cutting machine allows it, it is advisable to finish all the cuts towards the edge of the slab and avoid all the endings at the central area of the slab.

Cutting stresses

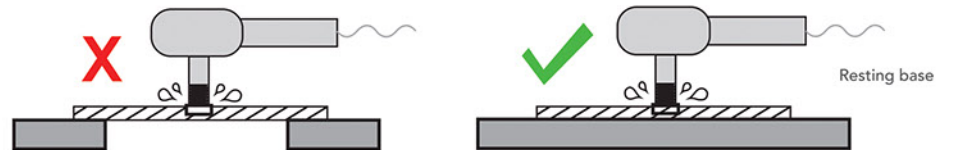
In order to minimize the residual stresses in a slab it is advisable, regardless of the cutting method employed, to remove 25 mm - 1" from the total perimeter of the slab.

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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MAGNIFICAT SURFACE

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Tal. Wakaner, Dist. Morbi (Gujarat-India)

E-mail: sales@lemzongranito.com | **Web:** www.lemzongranito.com
Toll Free: 1800 420 9090

