

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**

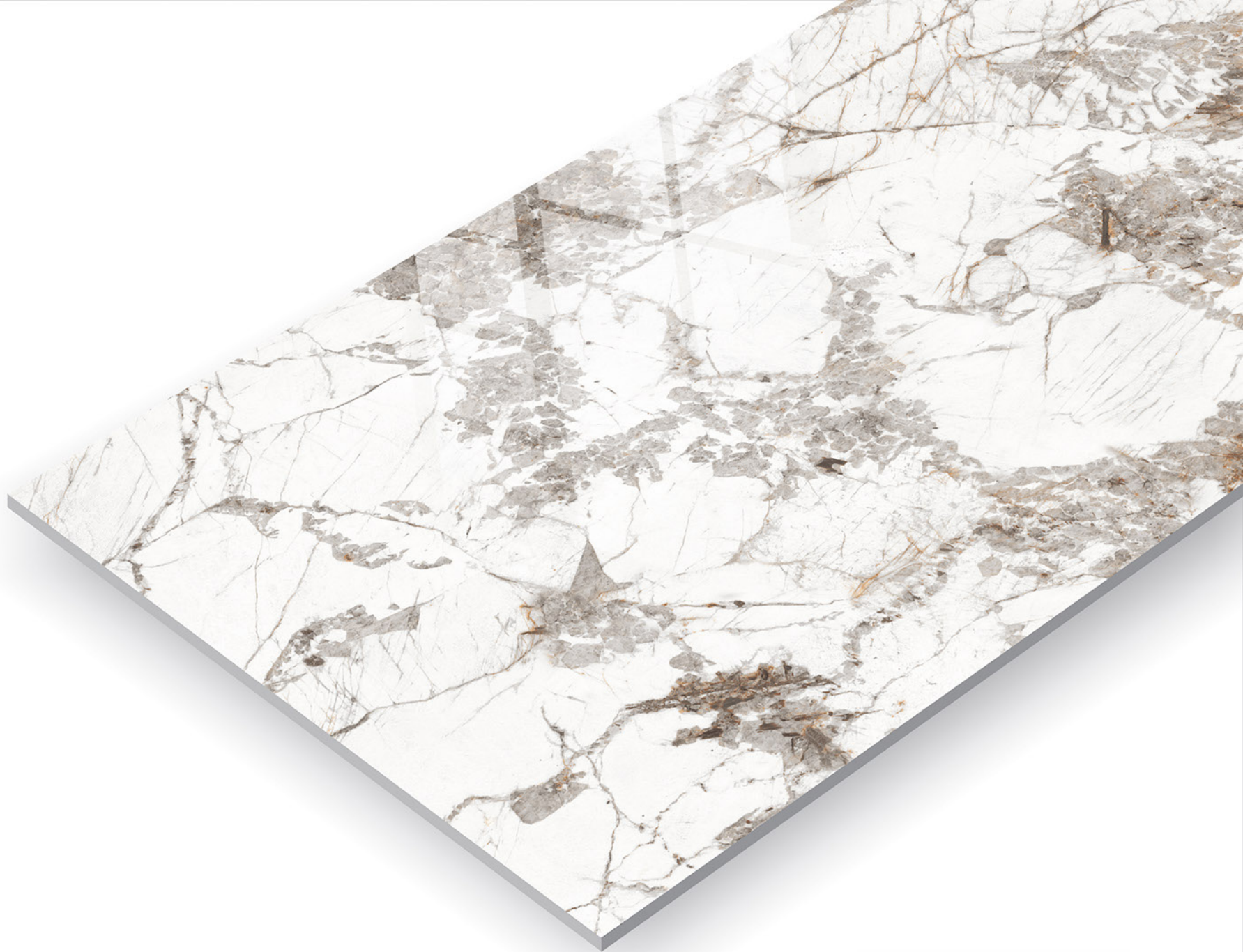
fancy the elegance
of a immaculate
charisma that
casts a spell on you.

- 🔑 high strength
- ♻️ eco friendly
- 🎲 random design
- 🛠️ low maintenance





**binachi
white**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**binachi
white**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**dozza
white**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE

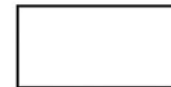



Lemzon[®]
MAGNIFICAT SURFACE

**dozza
white**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**altramura
calcatta**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

altramura calcatta



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**divona
white**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**divona
white**



**600x
1200mm**



 Finish: **GLOSSY**





**regolith
snow**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**regolith
snow**



**600x
1200mm**



 Finish: **GLOSSY**

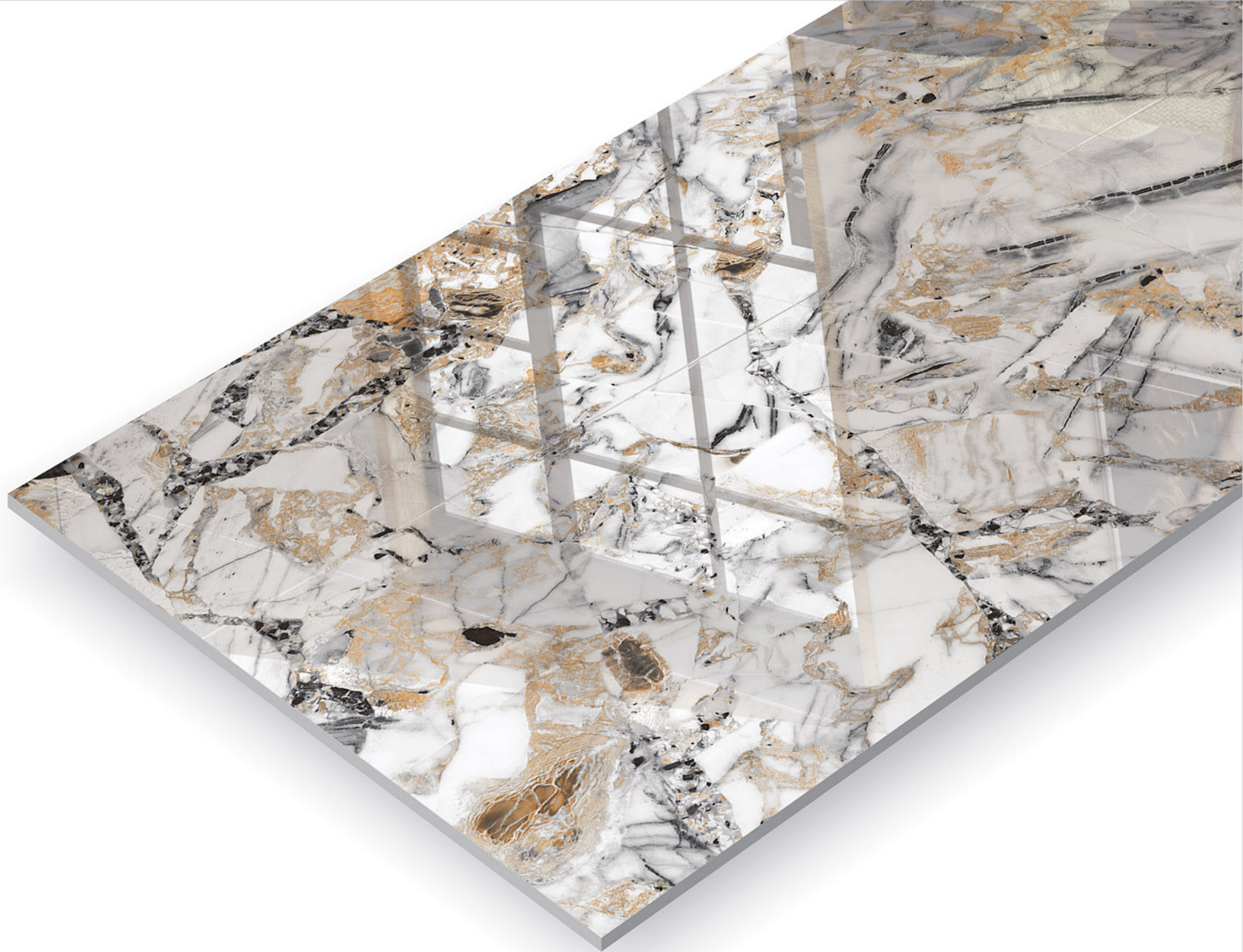
 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE

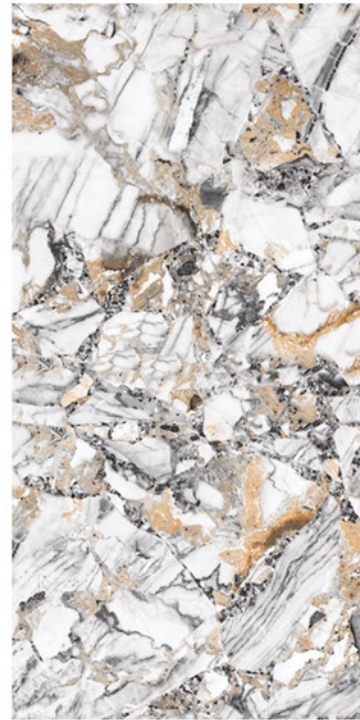
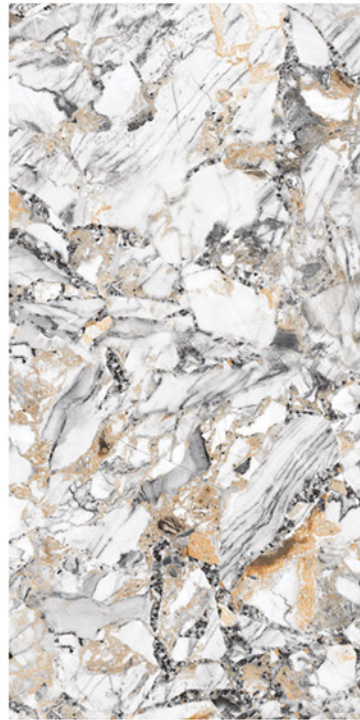
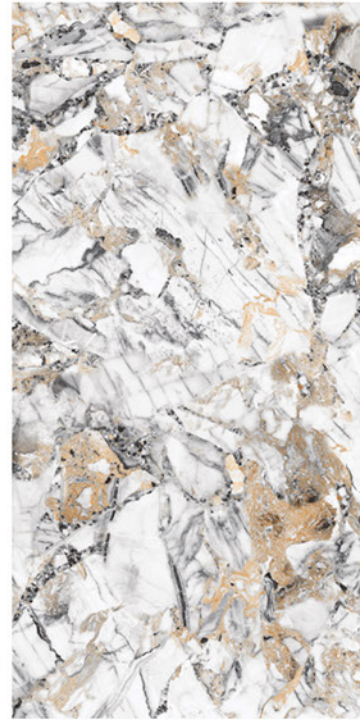
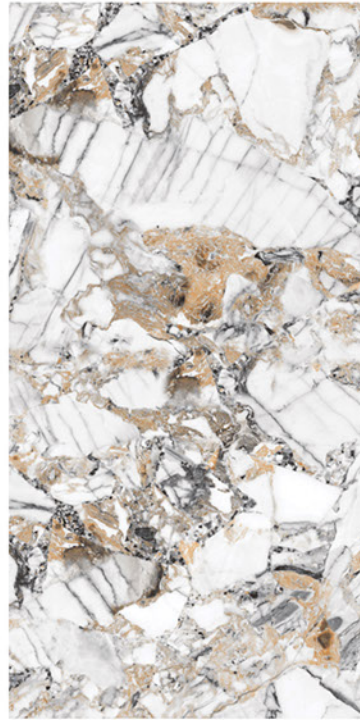
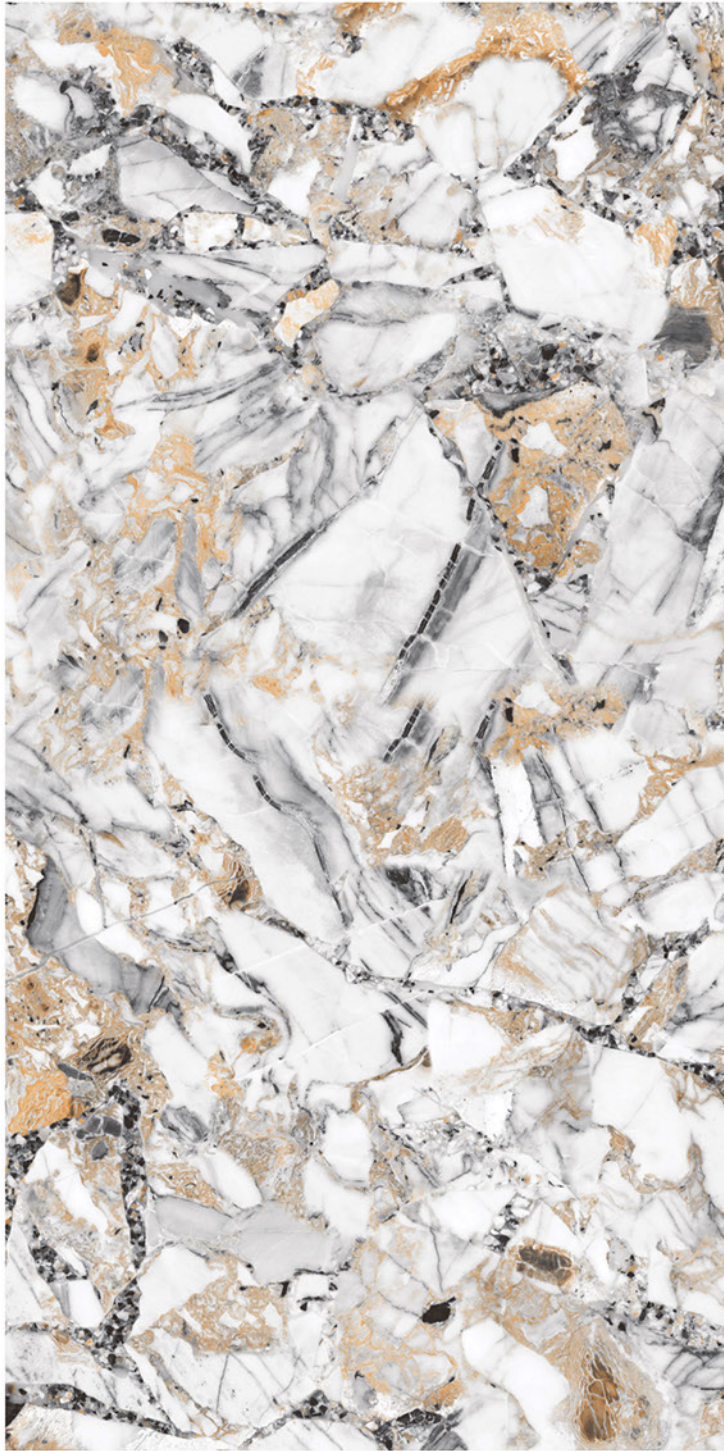
amazonia
real



600x
1200mm



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**amazonia
real**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**alaska beige
granite**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE


alaska beige granite



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



alaska beige
granite

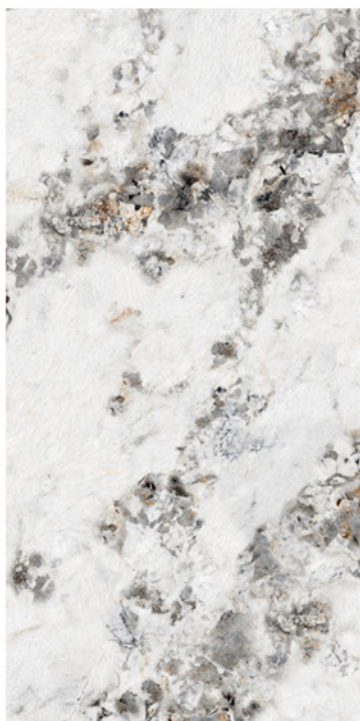
**blanc
luminix**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**blanc
luminix**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



blanc
luminix



**amfra
crema**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**amfra
crema**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**arena
dove**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE


**arena
dove**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



ampuria
grey



600x
1200mm



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**ampuria
grey**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**devon
crema**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE


**devon
crema**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**devon
grey**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE


**devon
grey**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**sarran colin
brown**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

sarran colin brown



**600x
1200mm**



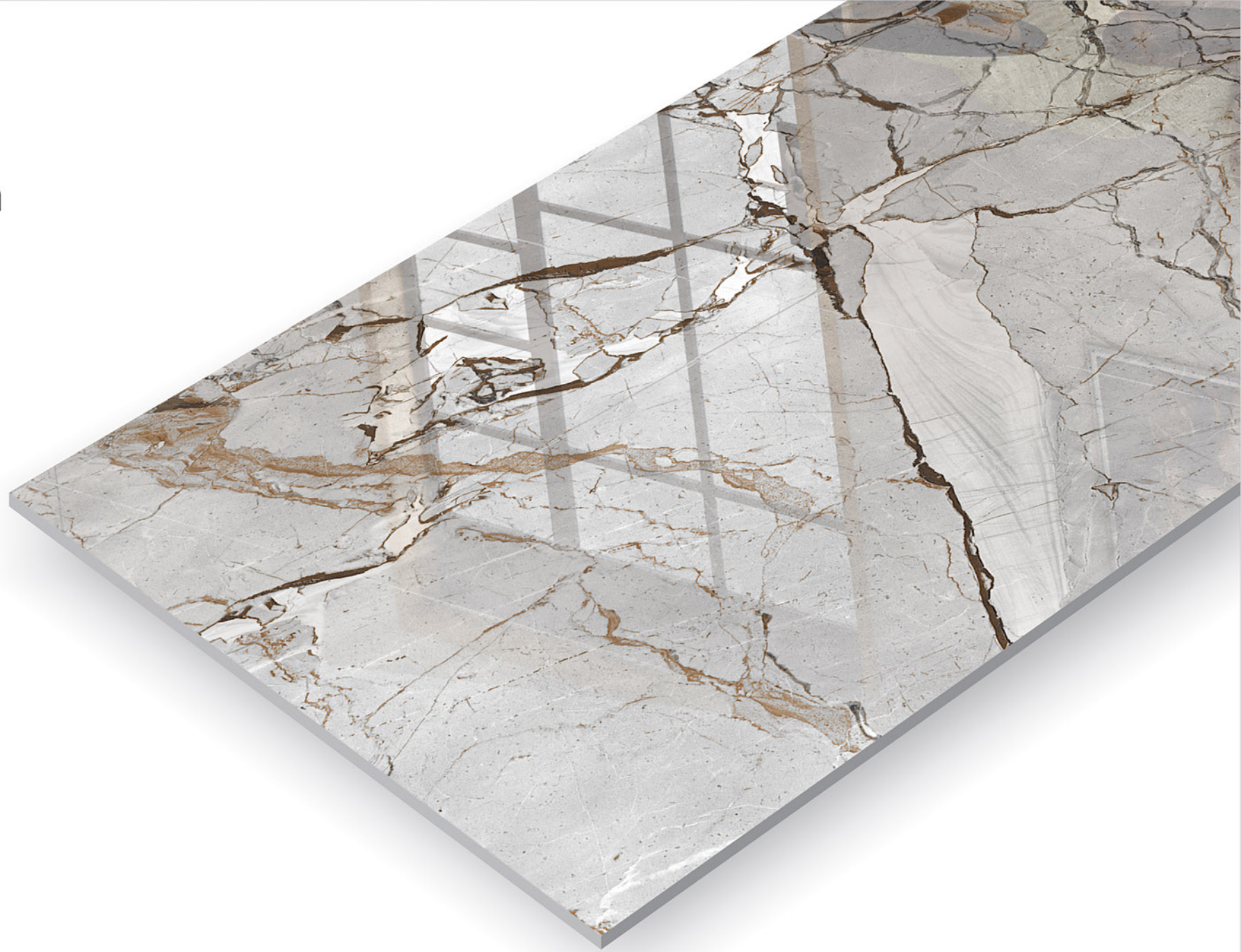
 Finish: **GLOSSY**



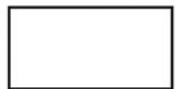




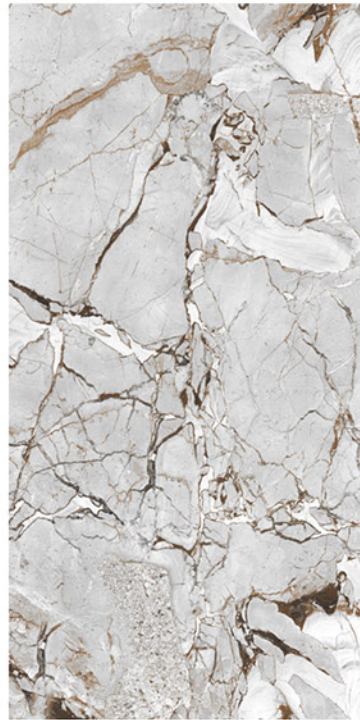
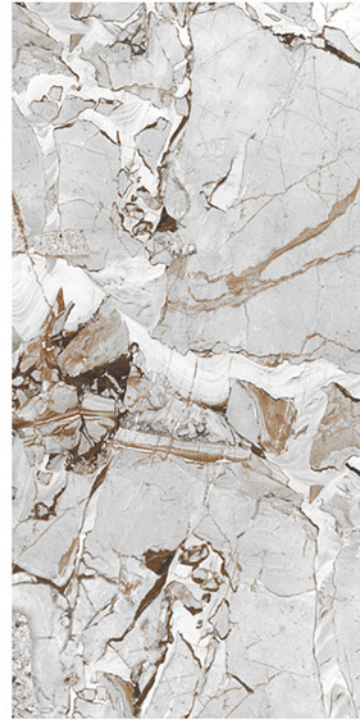
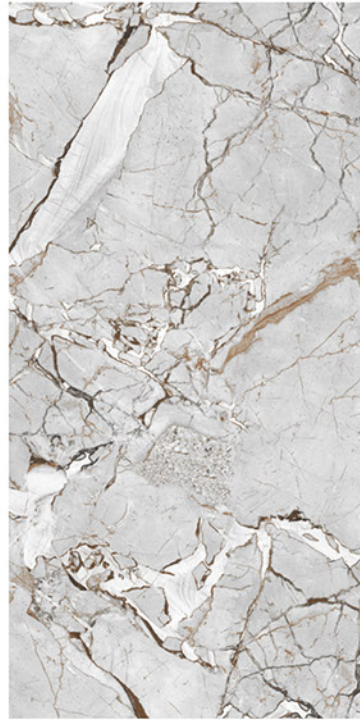
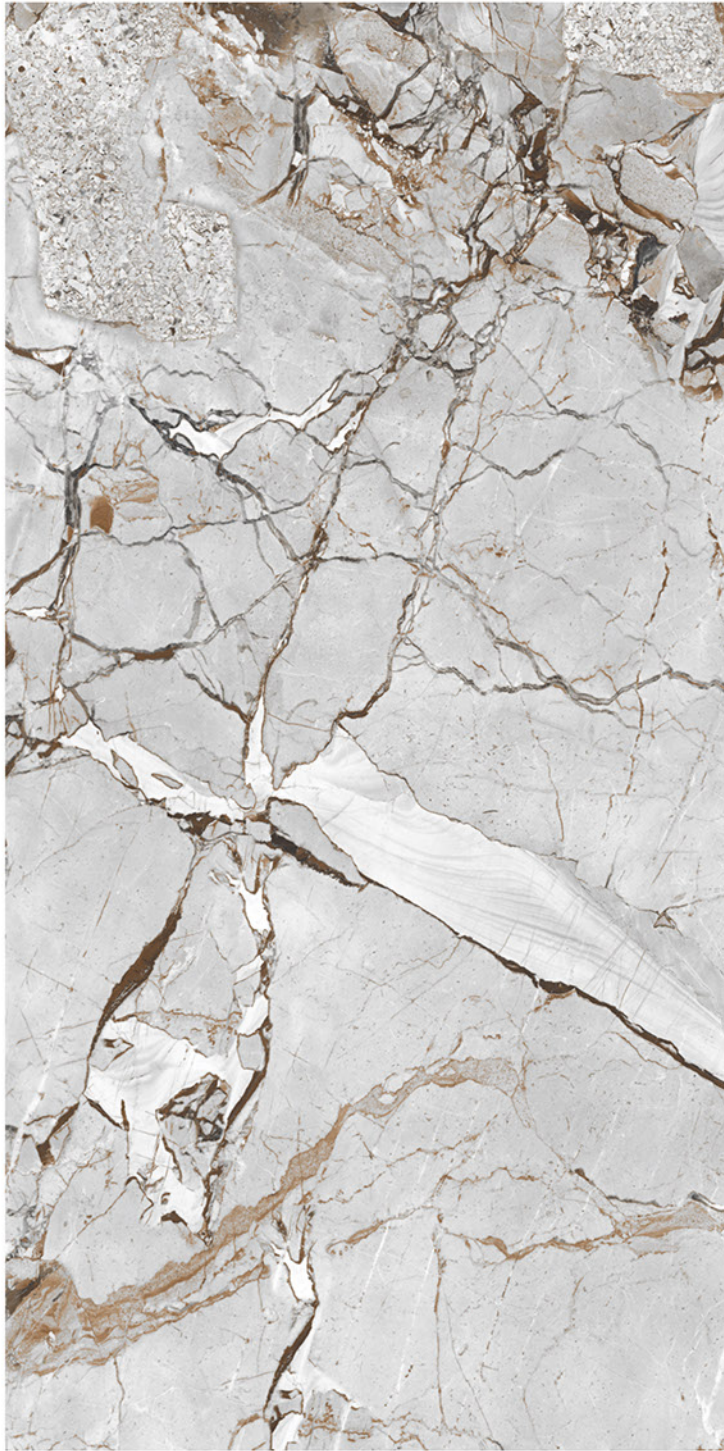
**sarran colin
grey**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

sarran colin grey



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



sarran colin
grey



**emporio
beige**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE


**emporio
beige**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**emporio
silver**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**emporio
silver**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



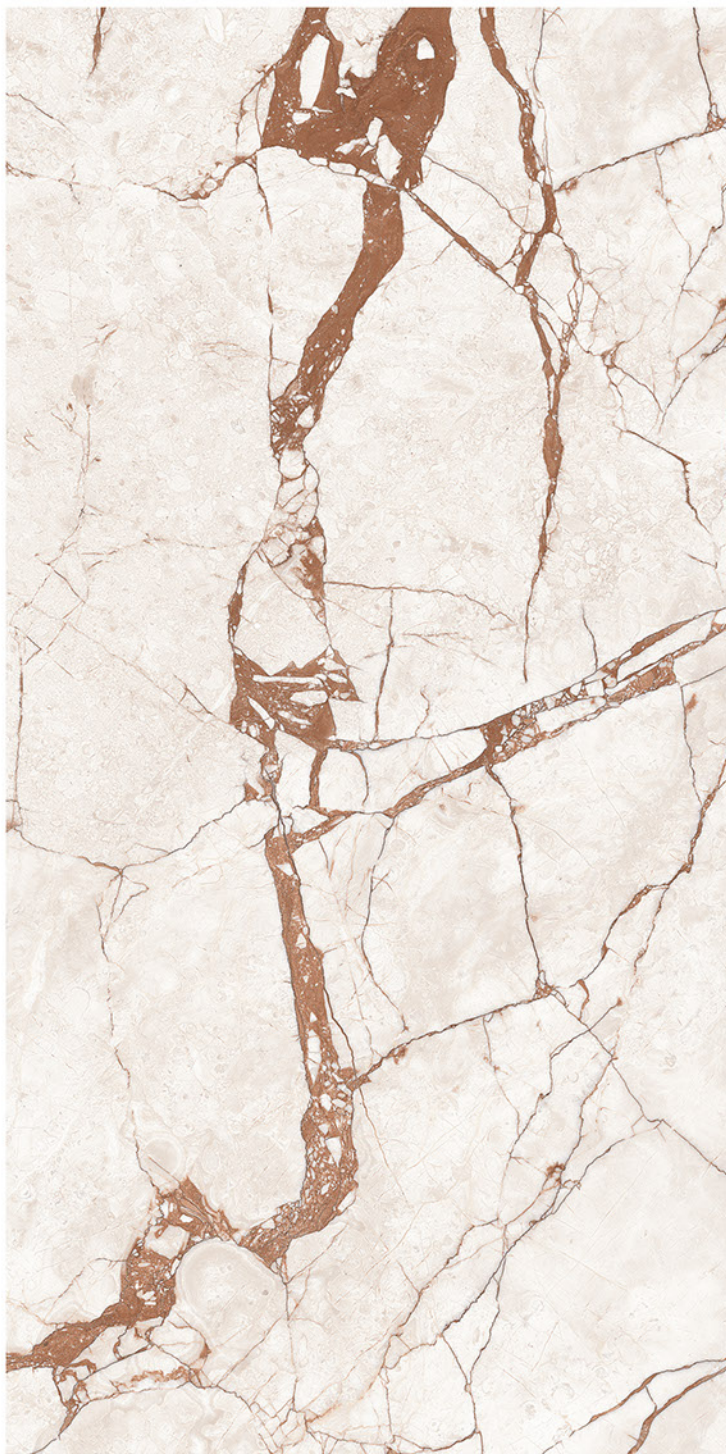
rovere
bisque



600x
1200mm



Lemzon[®]
MAGNIFICAT SURFACE

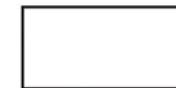



Lemzon[®]
MAGNIFICAT SURFACE

**rovere
bisque**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



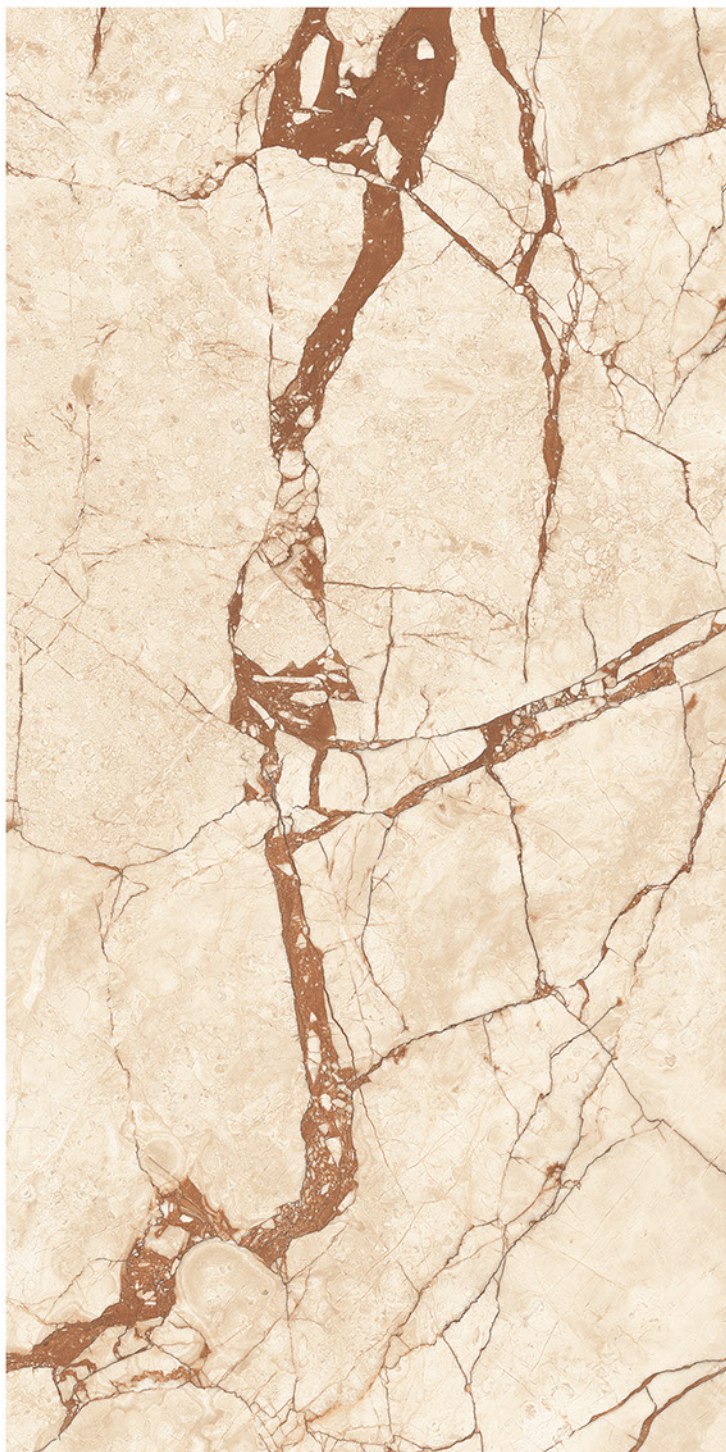
**rovere
crema**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**rovere
crema**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

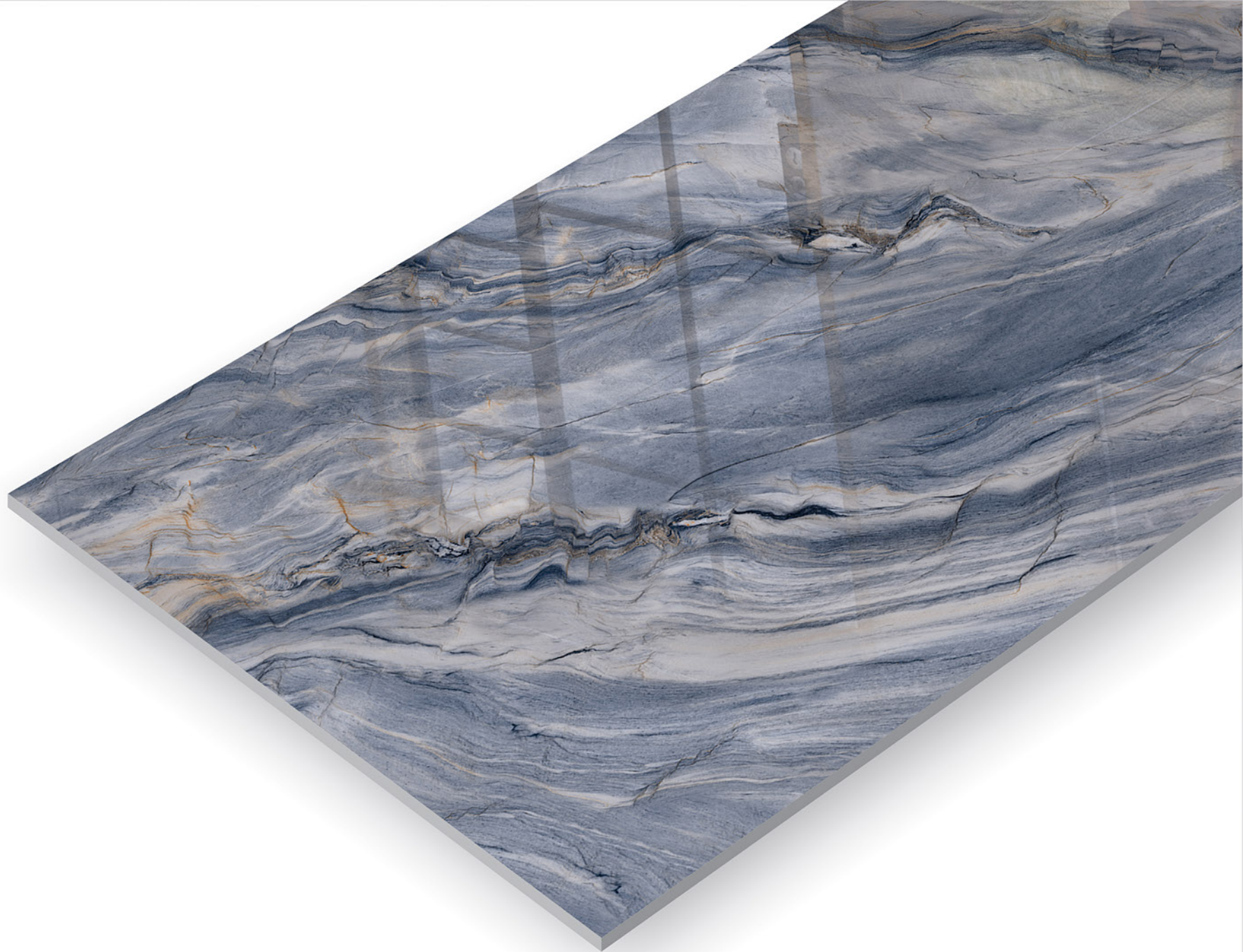
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



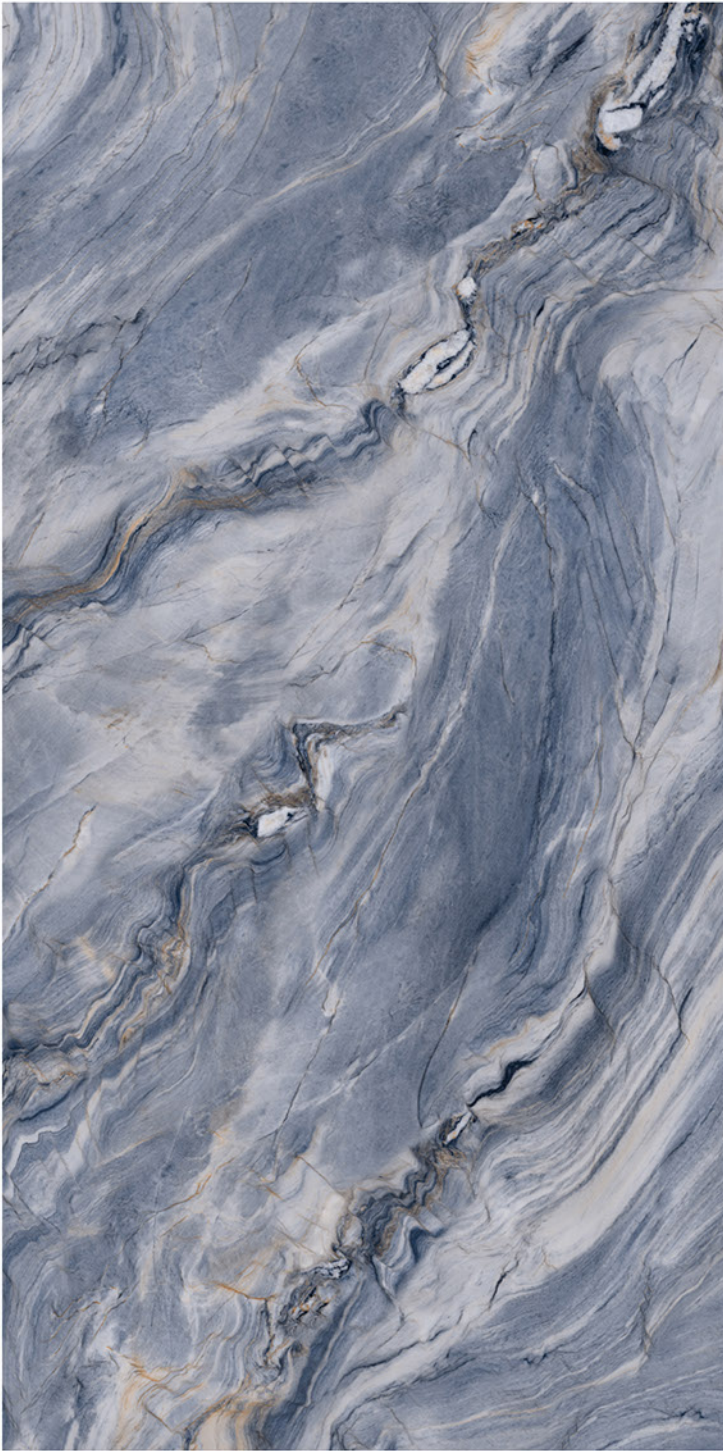
**explosion
blue**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

explosion blue



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

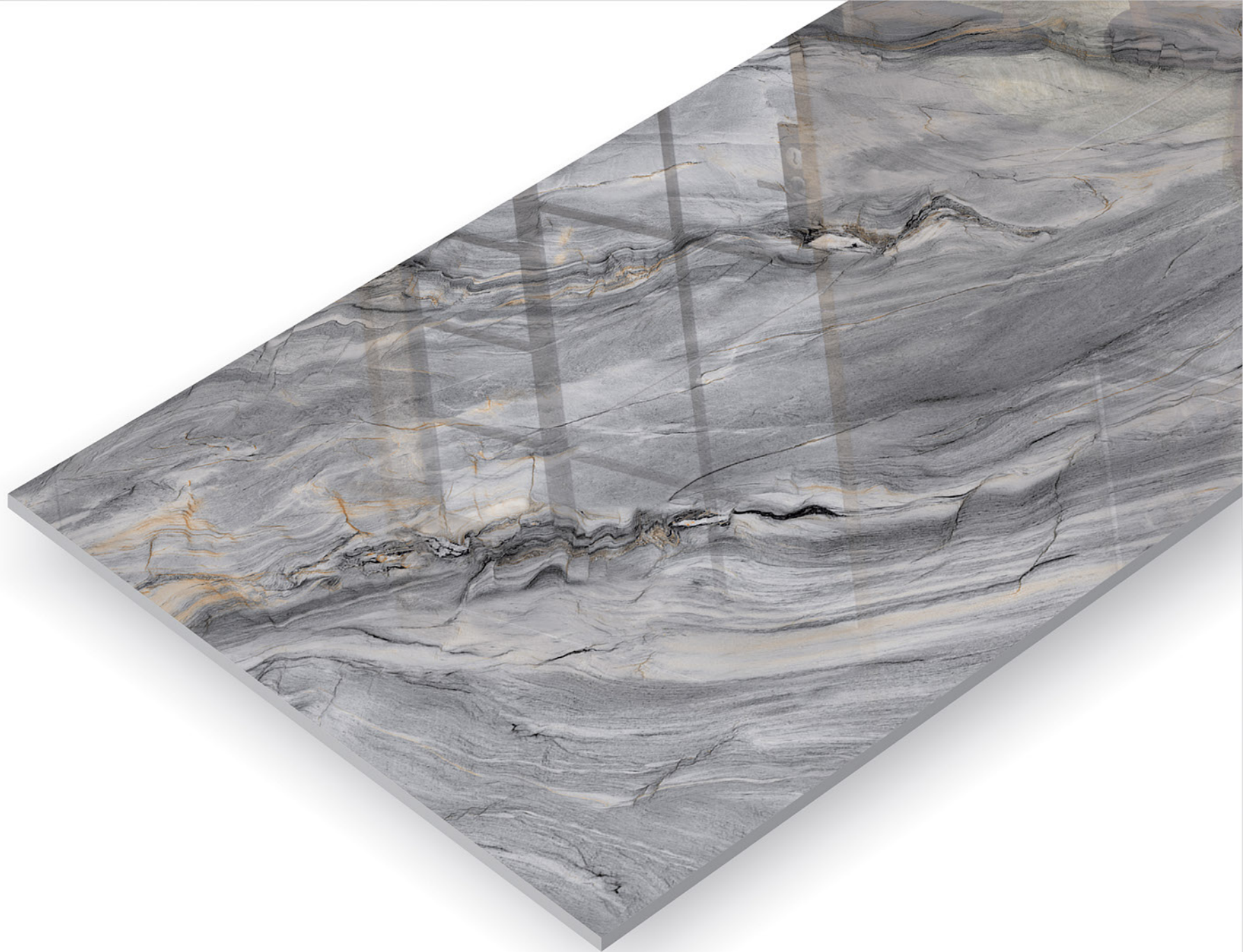
 LOW MAINTENANCE



 explosion
blue



**explosion
fusion**



**600x
1200mm**



Lemzon[®]
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**explosion
fusion**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



explosion
fusion



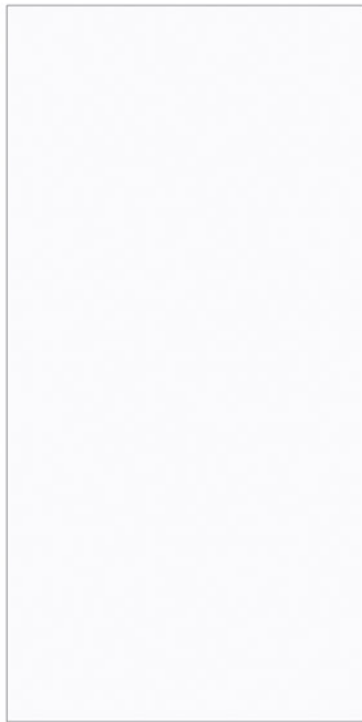
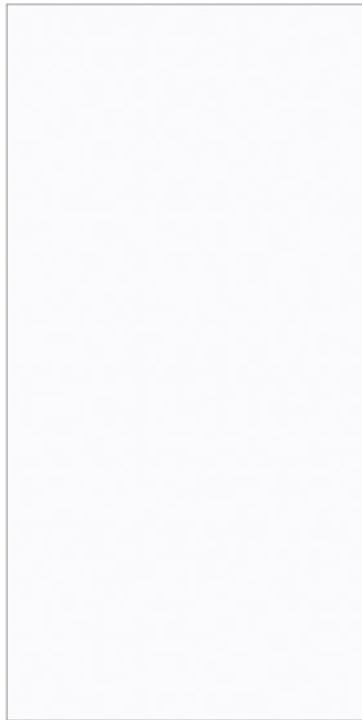
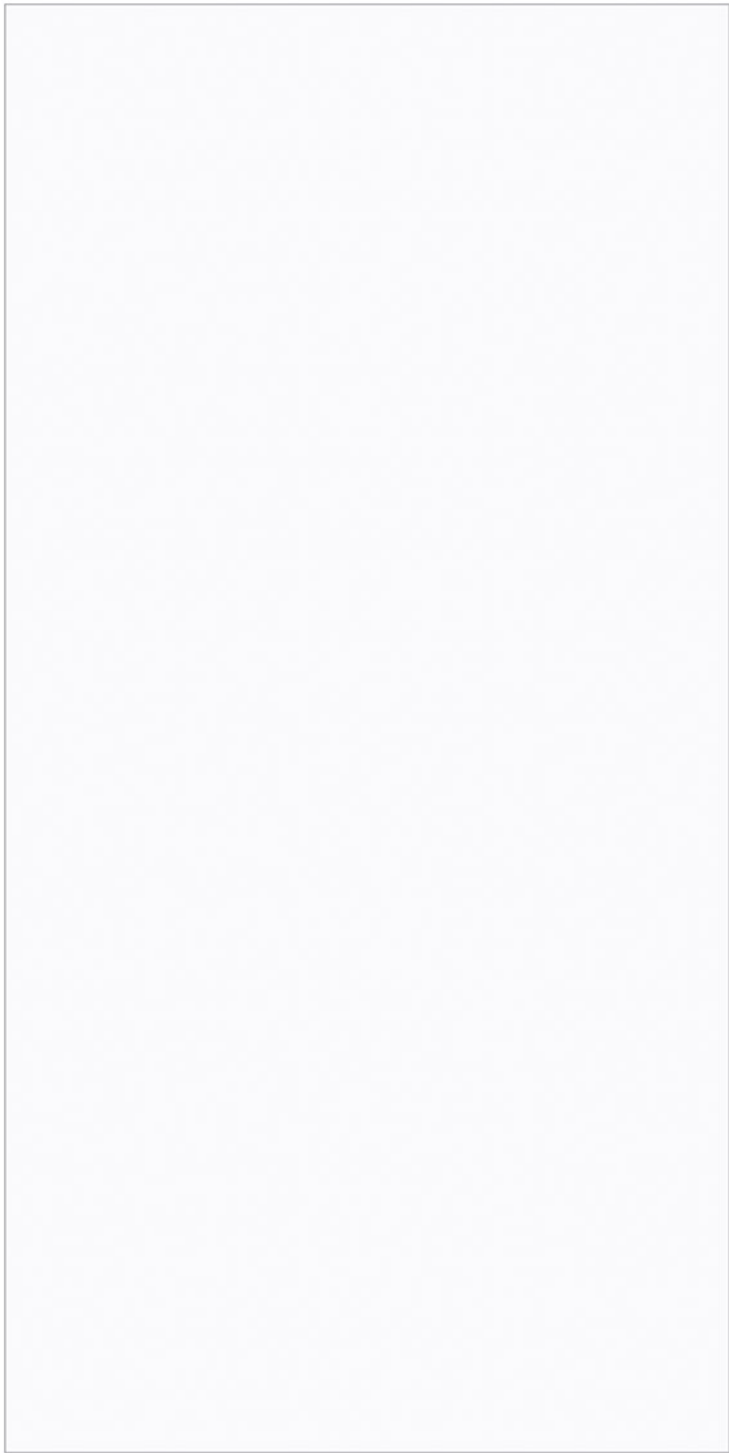
**brilliant
white**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

**brilliant
white**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



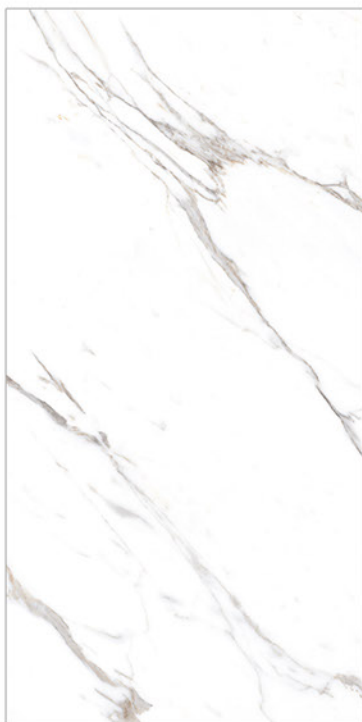
**marshall
carrara**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**marshall
carrara**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE

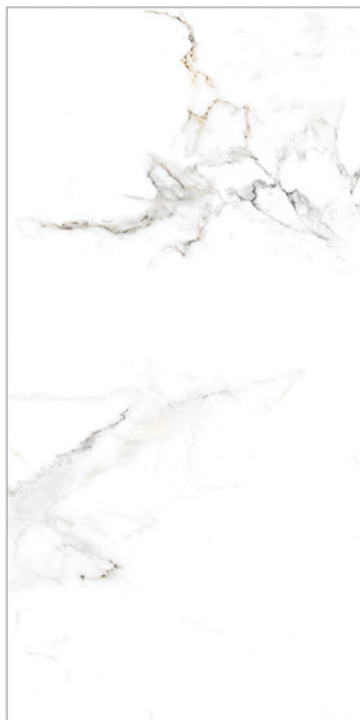


**statuario
marble**

**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

statuario marble



**600x
1200mm**



 Finish: **GLOSSY**





statuario
marble



**super
statuario**

**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

super statuario



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

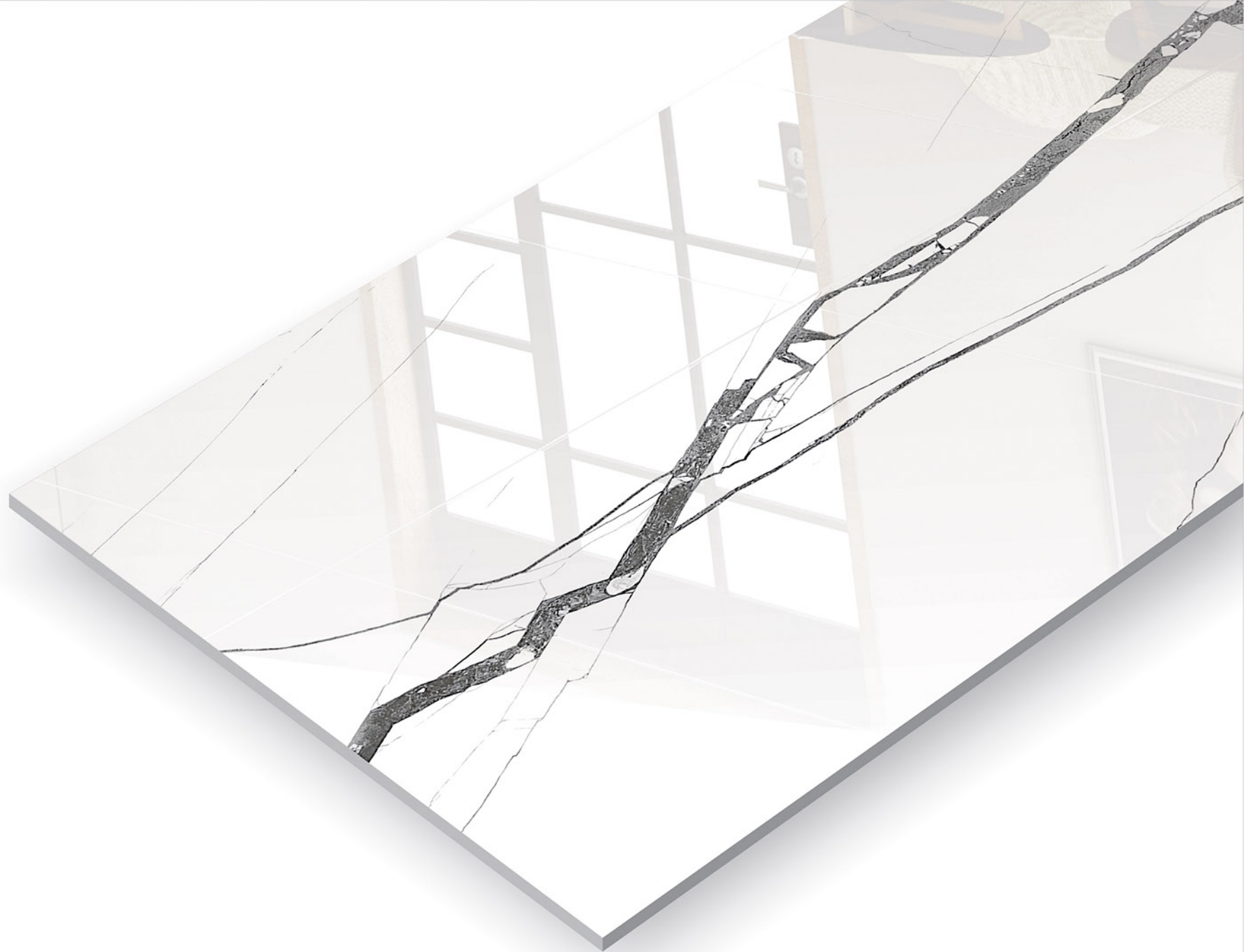
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



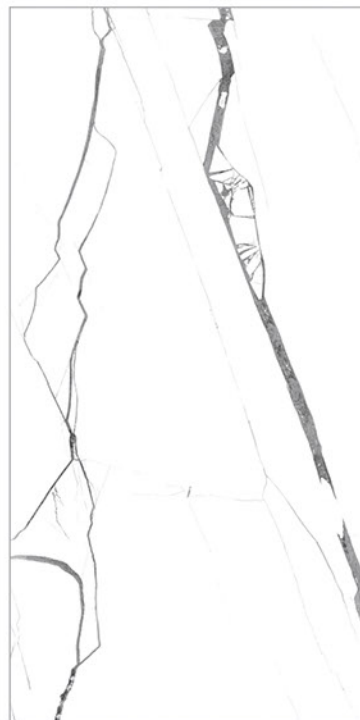
**vienna
white**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

**vienna
white**



**600x
1200mm**

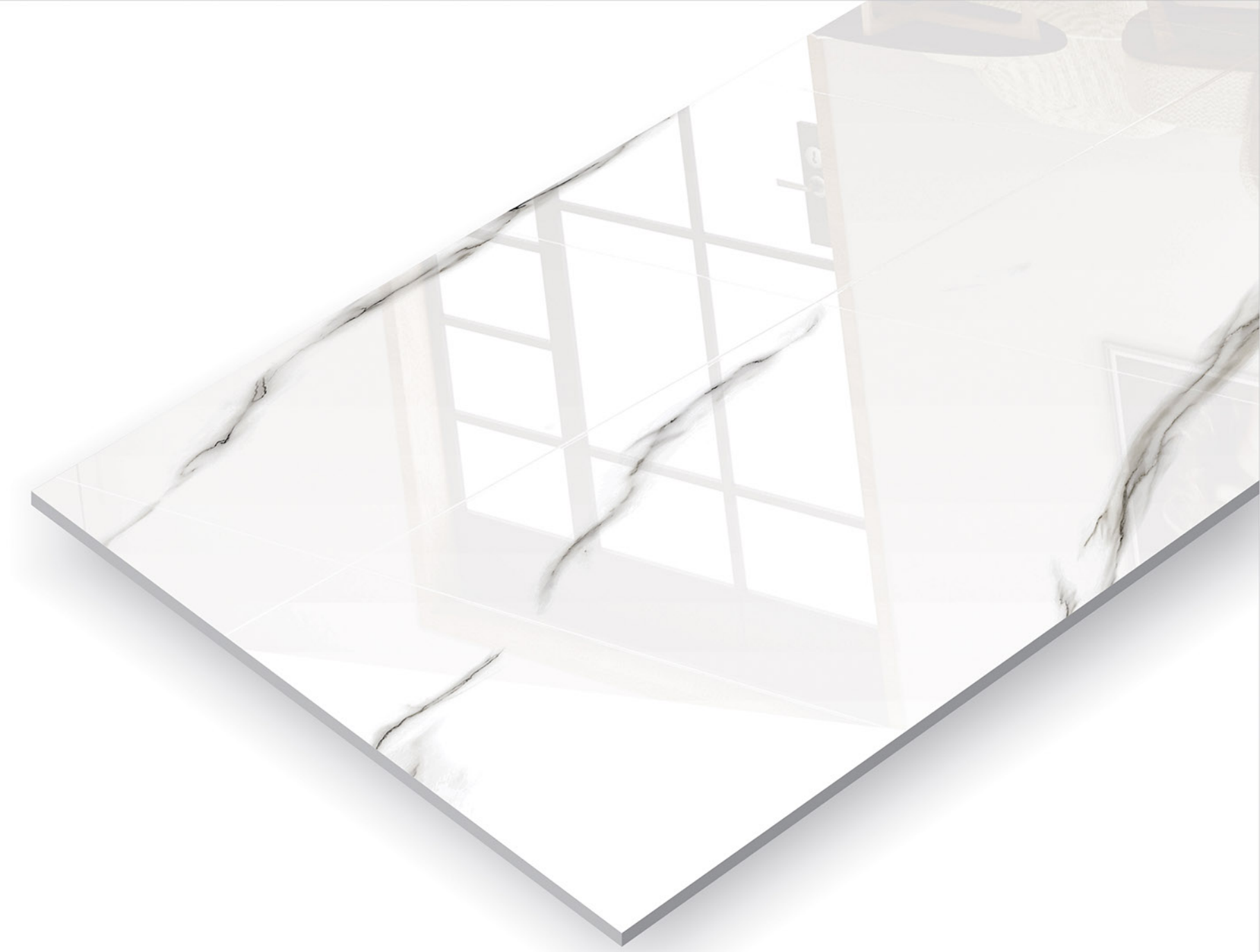


 Finish: **GLOSSY**

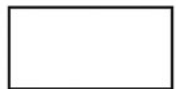




**statuario
grey**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**statuario
grey**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

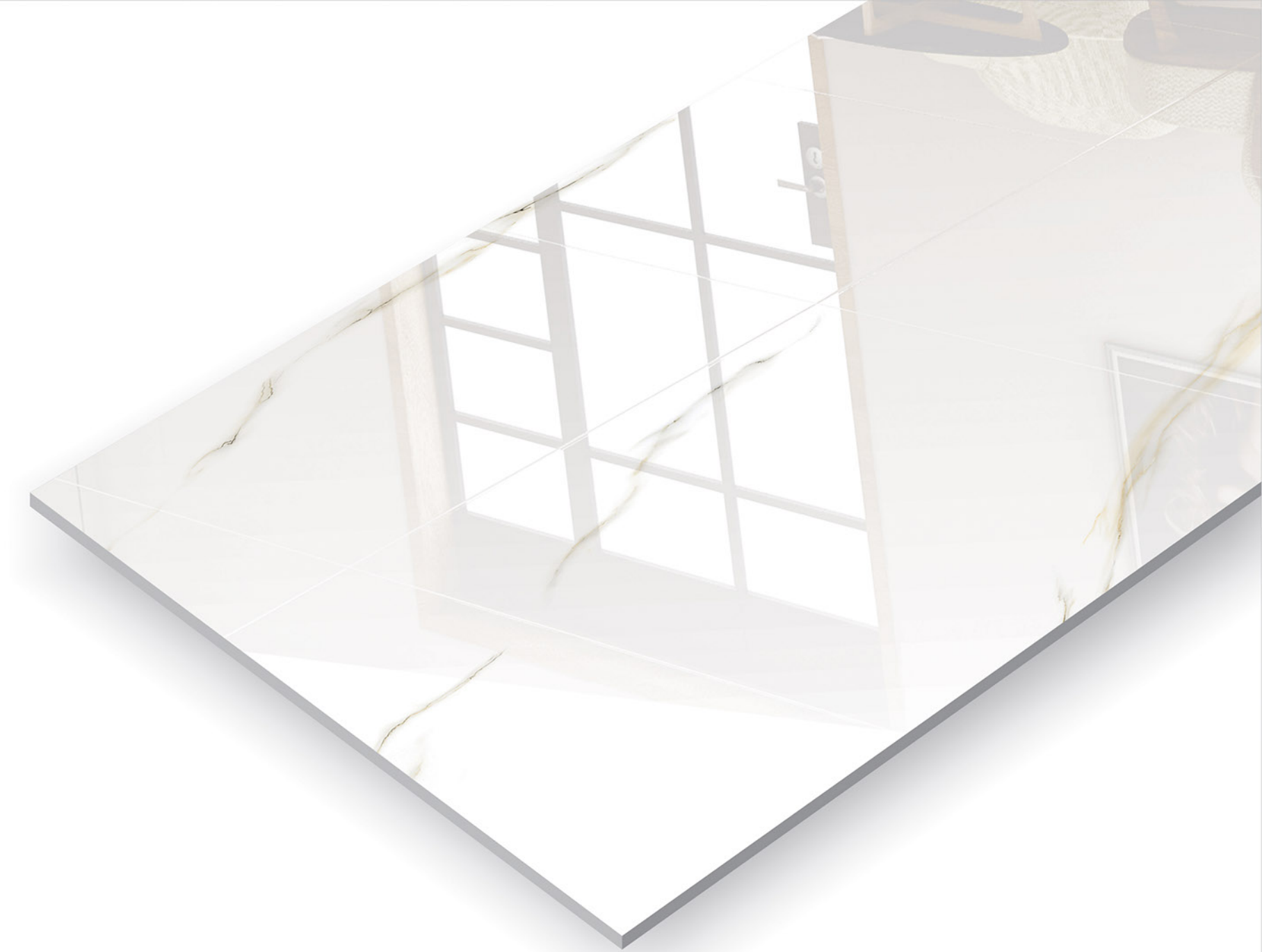
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**imperial
statuario**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

imperial statuario



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

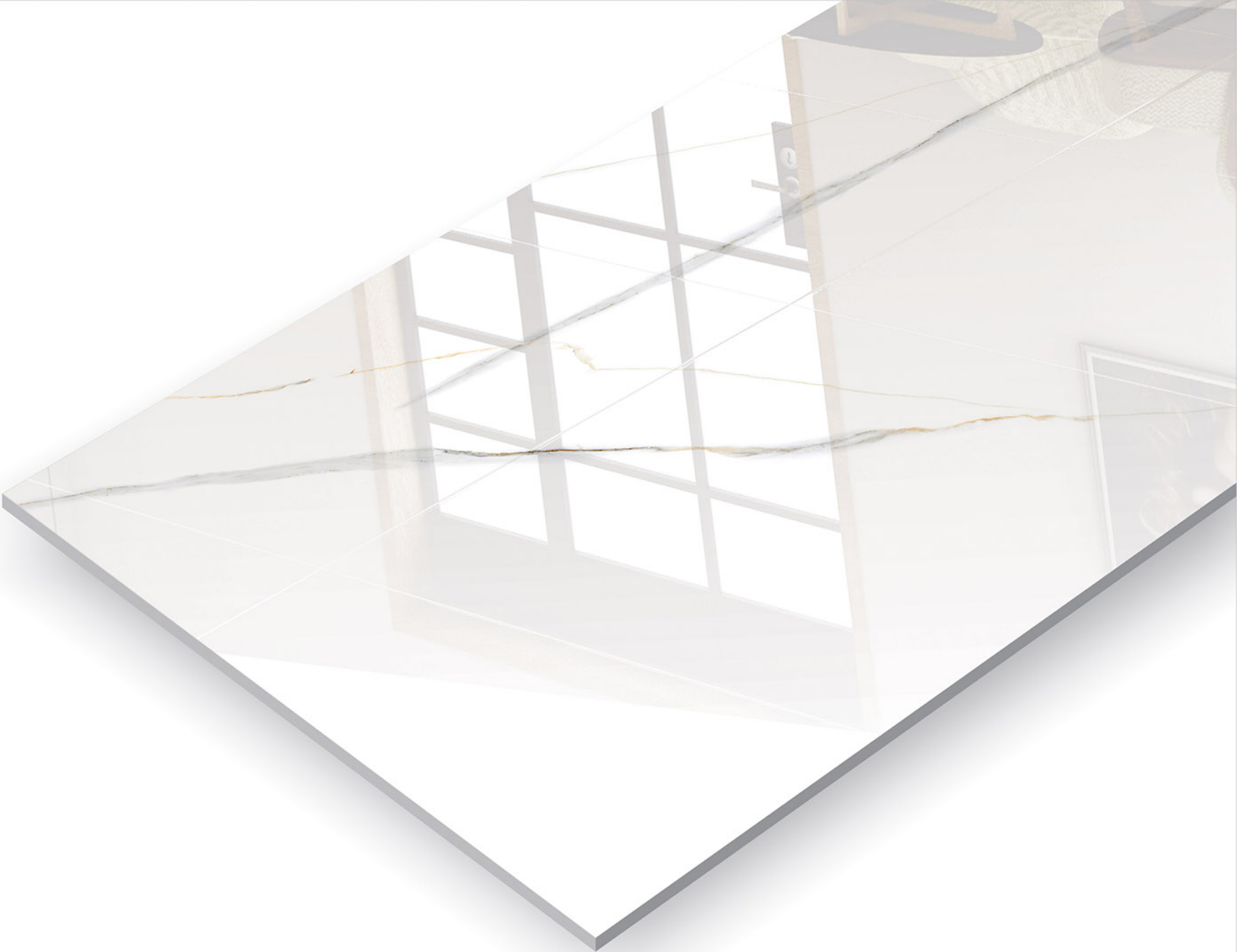
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**classic
carrara**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**classic
carrara**



**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY




RANDOM DESIGN



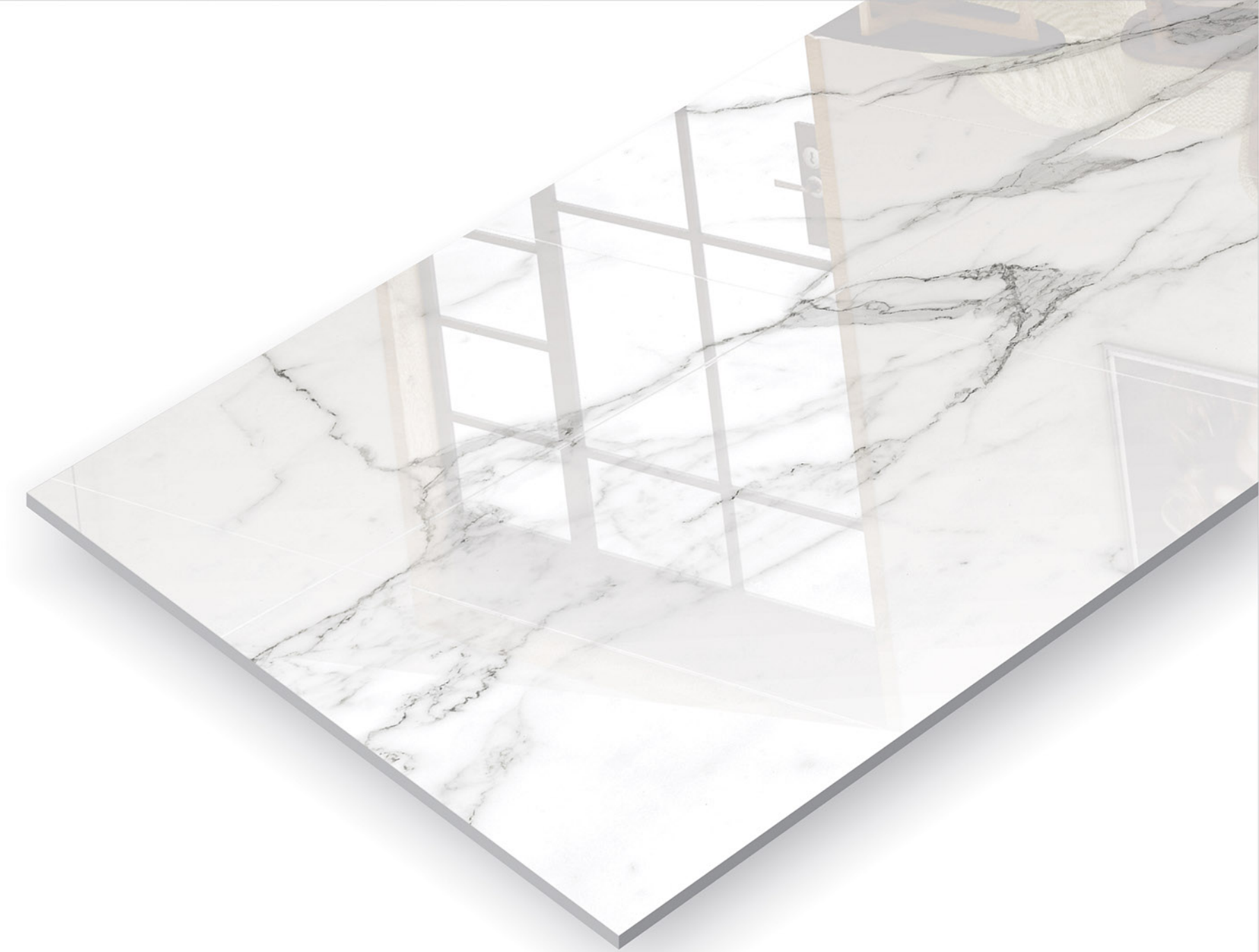
LOW MAINTENANCE



 classic
carrara



**carbon
carrara**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**carbon
carrara**



**600x
1200mm**




 Finish: **GLOSSY**


 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



 carbon
carrara



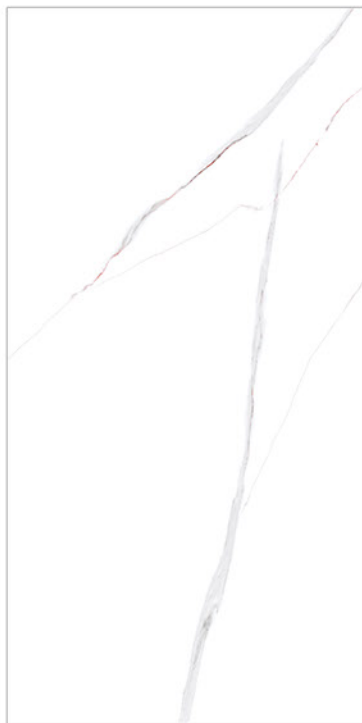
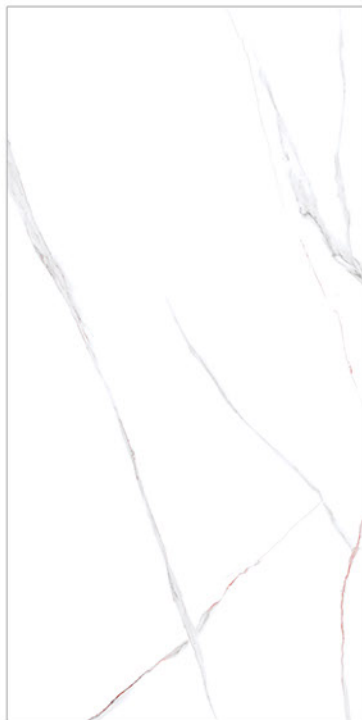
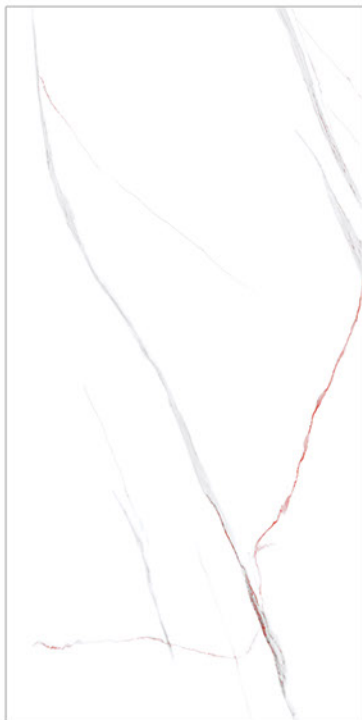
flamingo
carrara



600x
1200mm



Lemzon[®]
MAGNIFICAT SURFACE

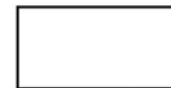



Lemzon[®]
MAGNIFICAT SURFACE

**flamingo
carrara**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

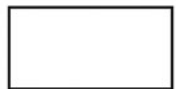
 LOW MAINTENANCE



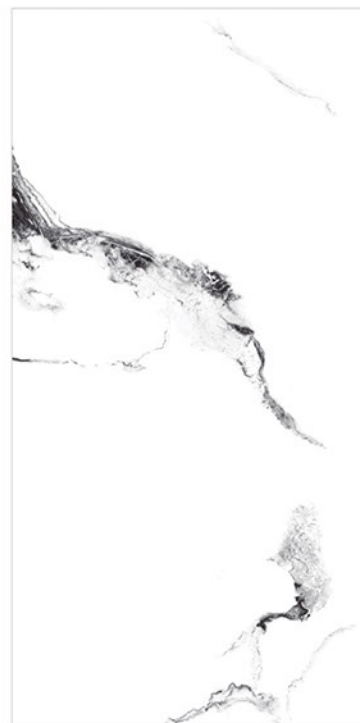
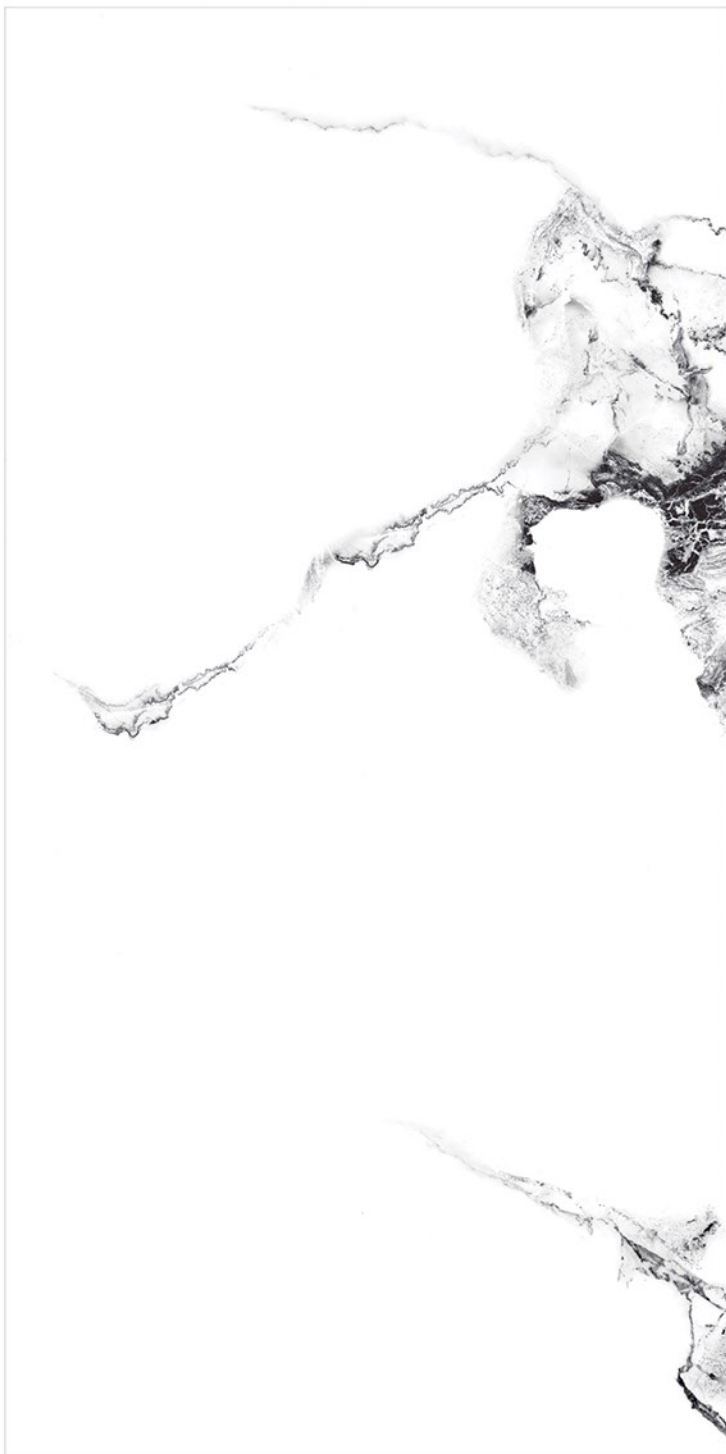
**carrara
black**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

**carrara
black**



**600x
1200mm**

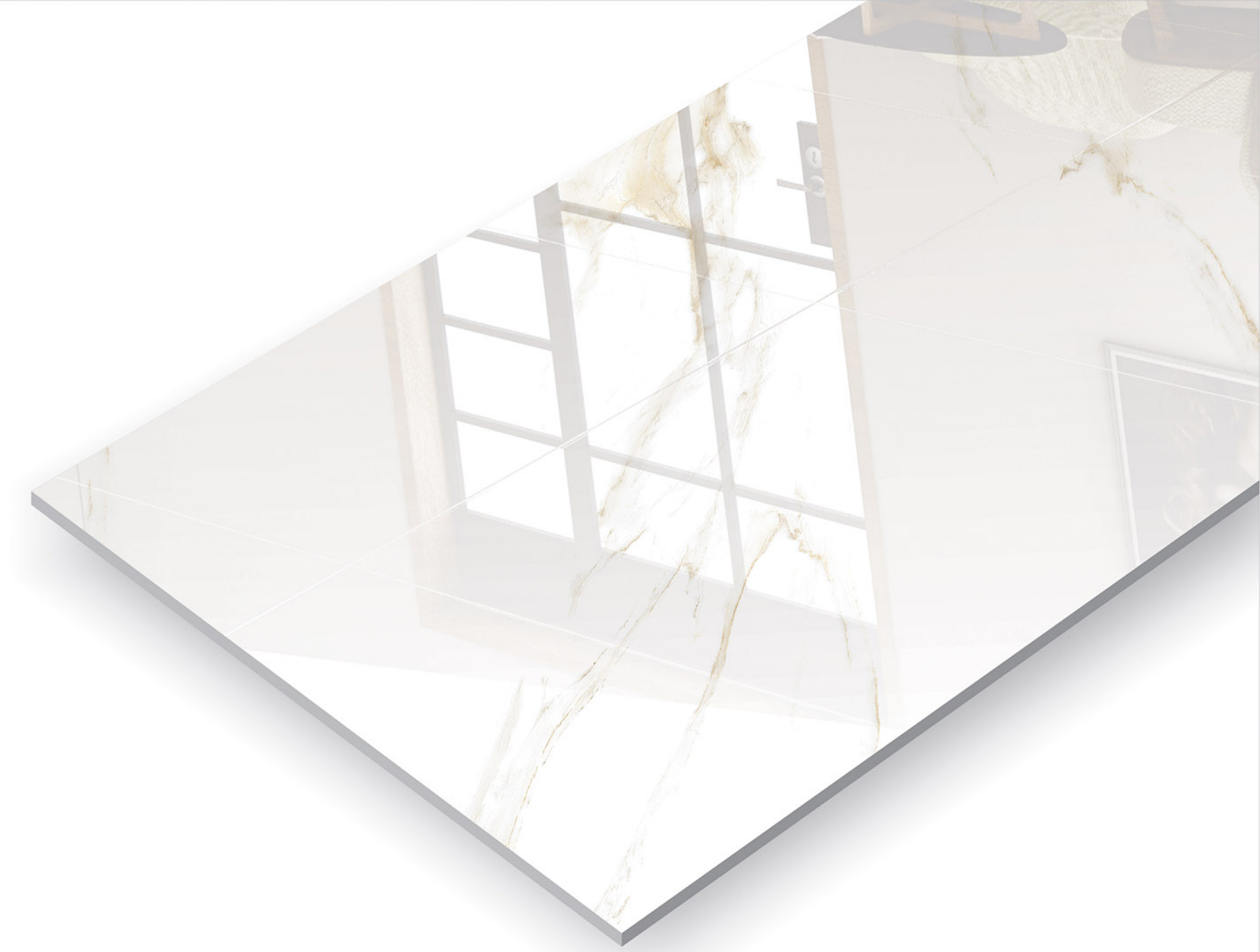


 Finish: **GLOSSY**





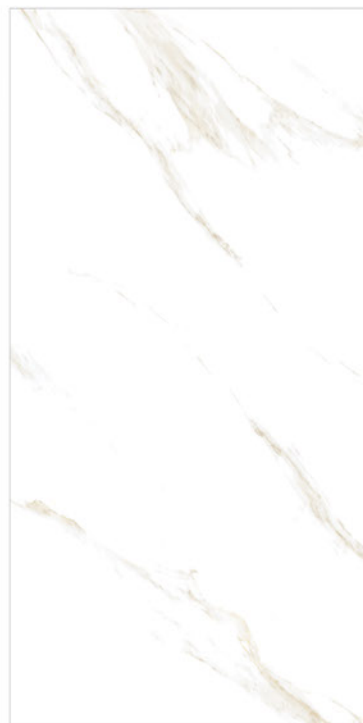
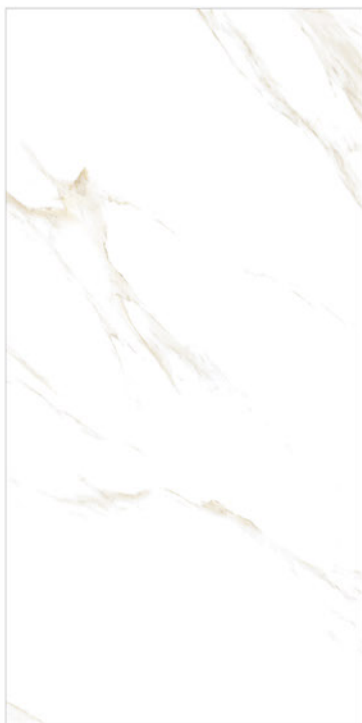
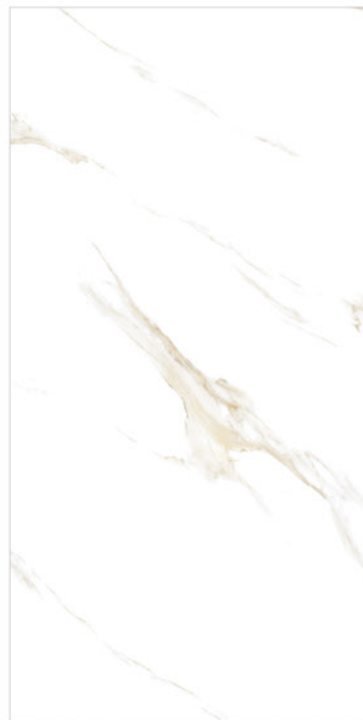
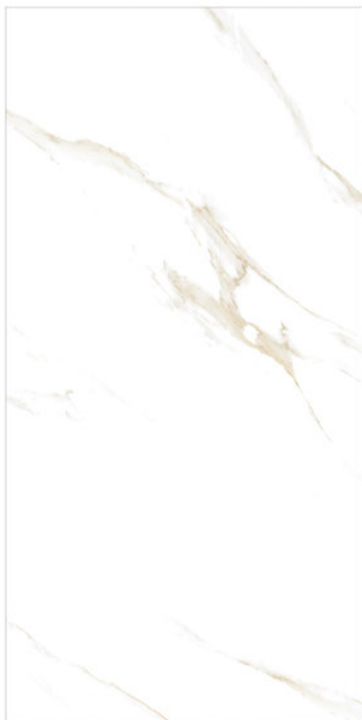
**carrara
alaska**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

**carrara
alaska**



**600x
1200mm**

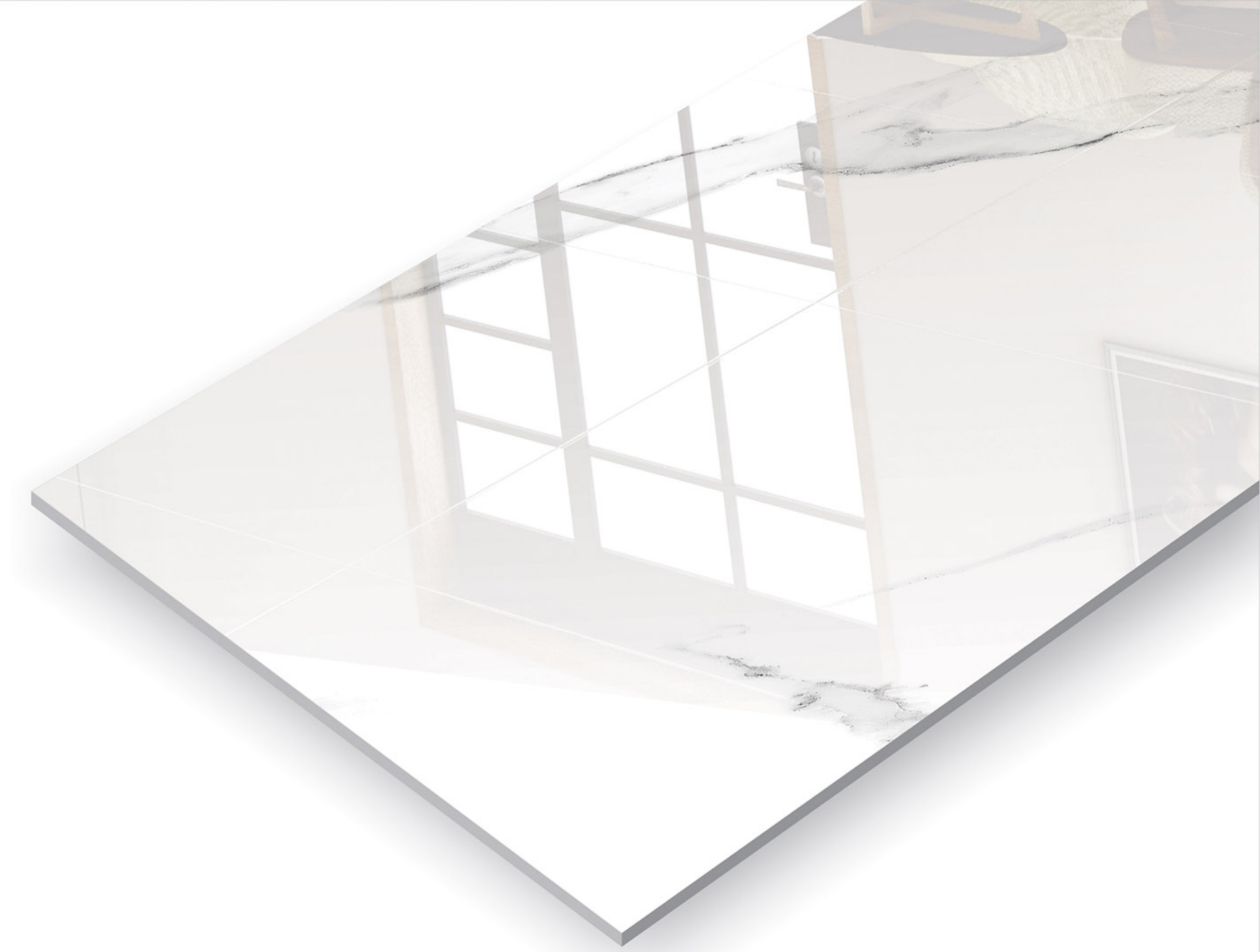


 Finish: **GLOSSY**





**carrara
perla**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**carrara
perla**



**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



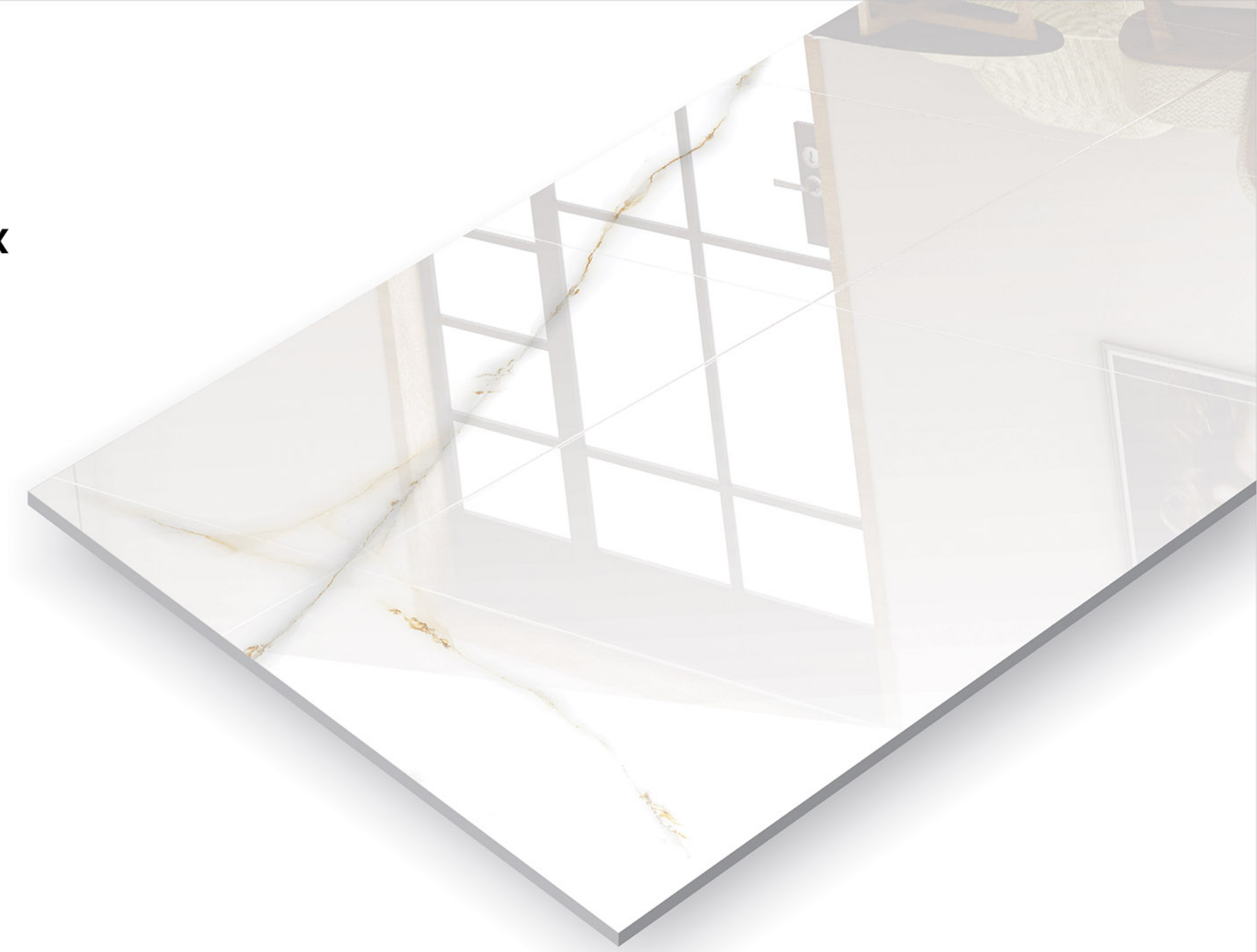
RANDOM DESIGN



LOW MAINTENANCE



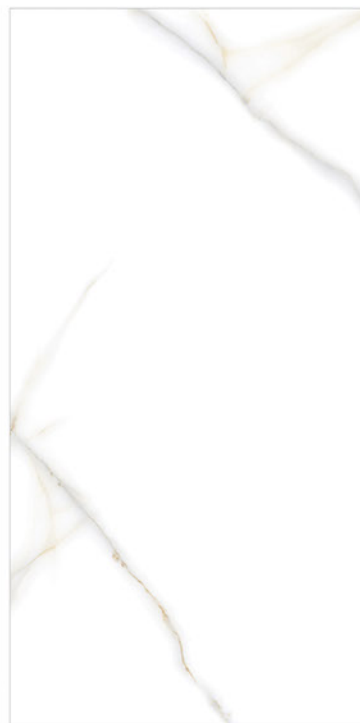
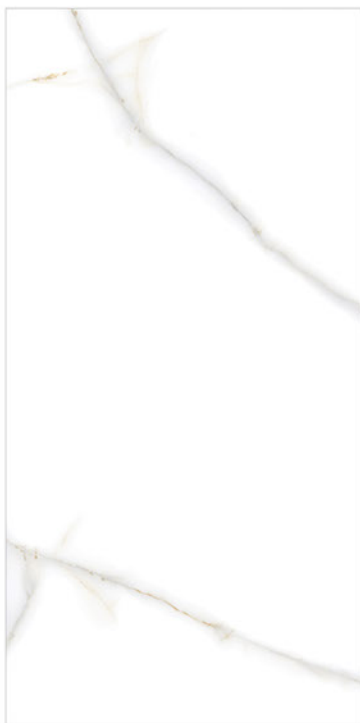
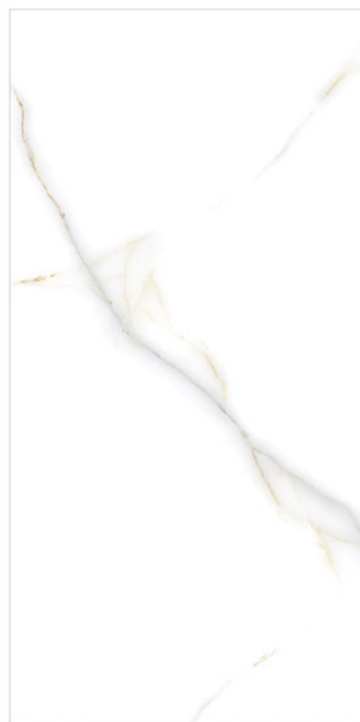
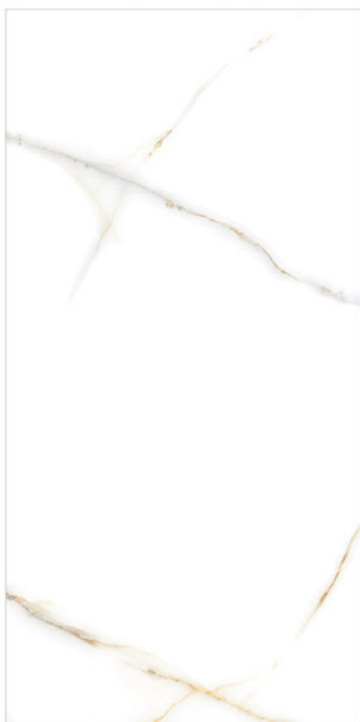
**ocean
white onyx**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**ocean
white onyx**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



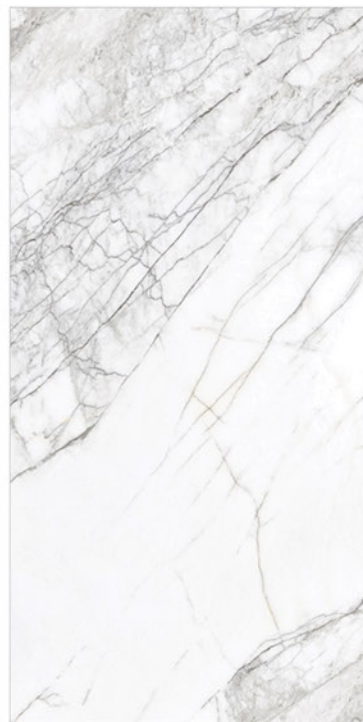
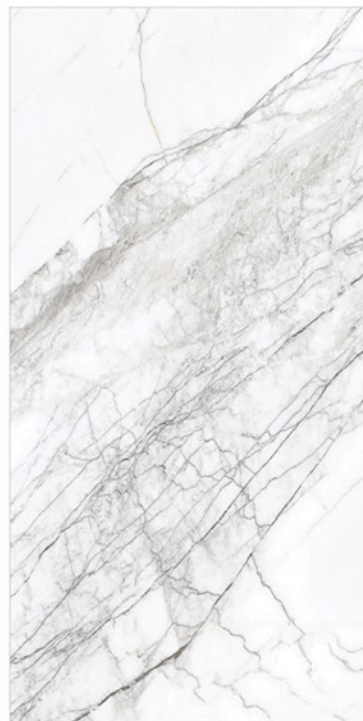
**natural
carrara**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**natural
carrara**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE

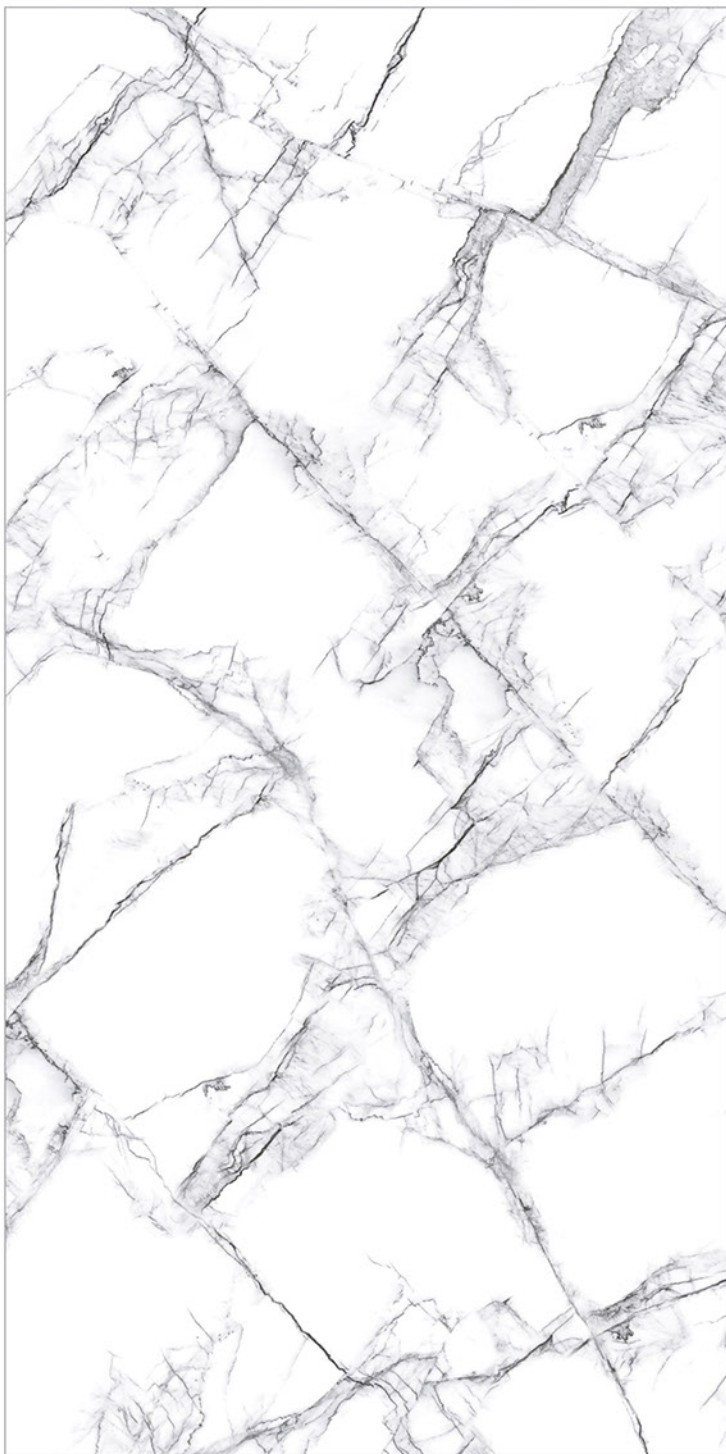


**italian
statuario**

**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**italian
statuario**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

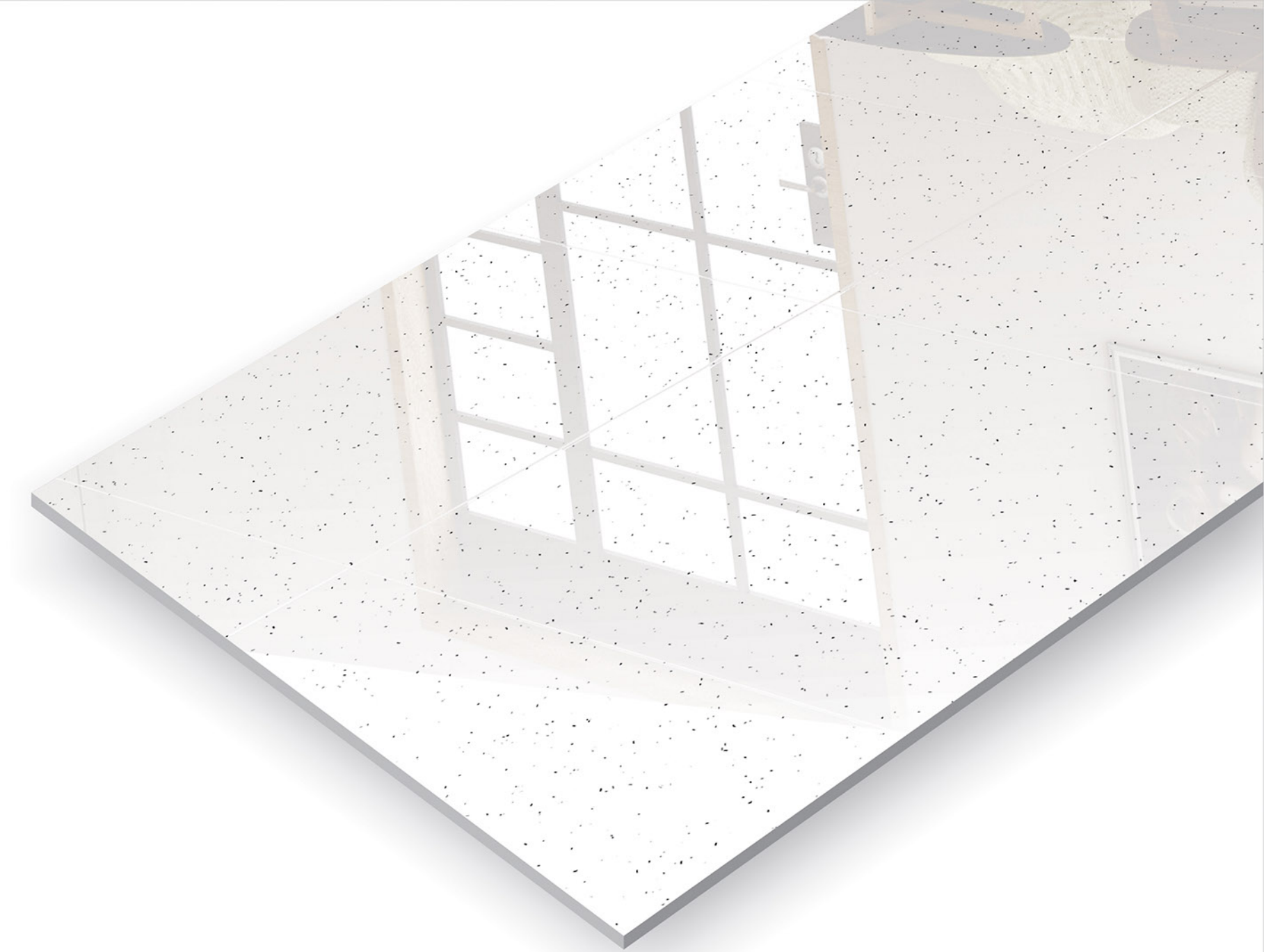
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**black
crystal**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**black
crystal**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

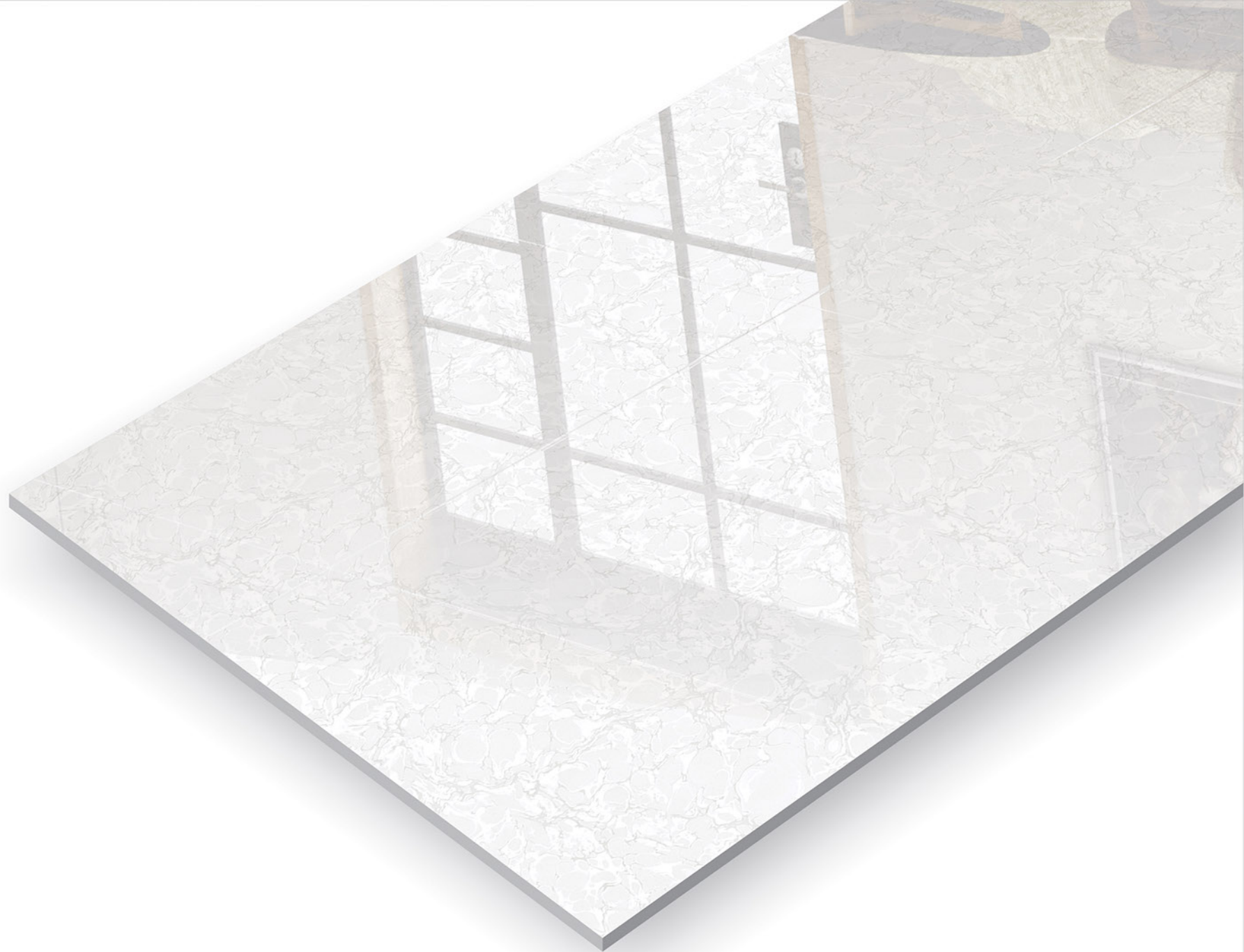
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



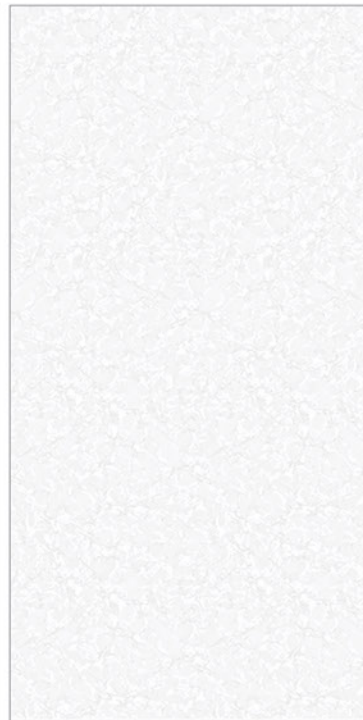
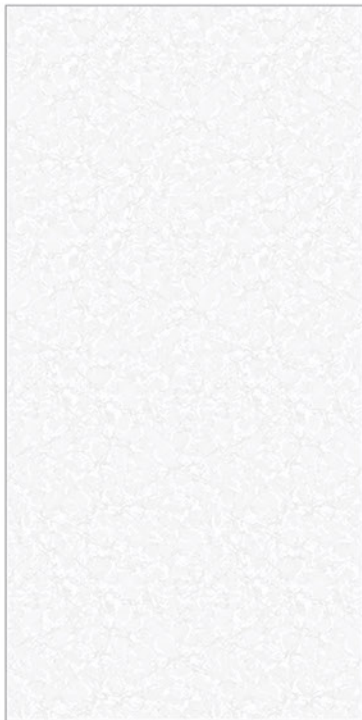
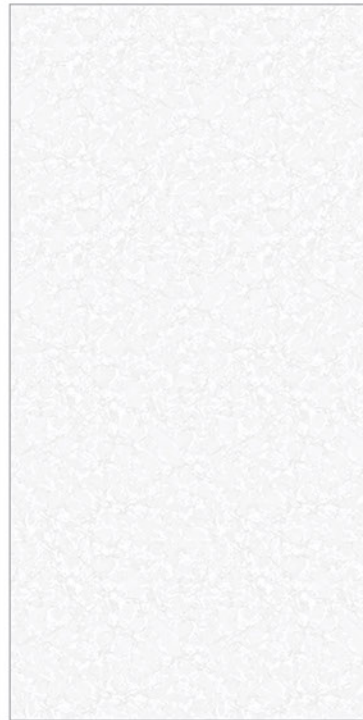
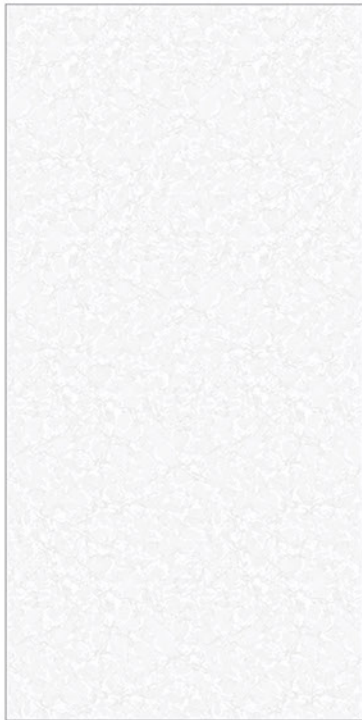
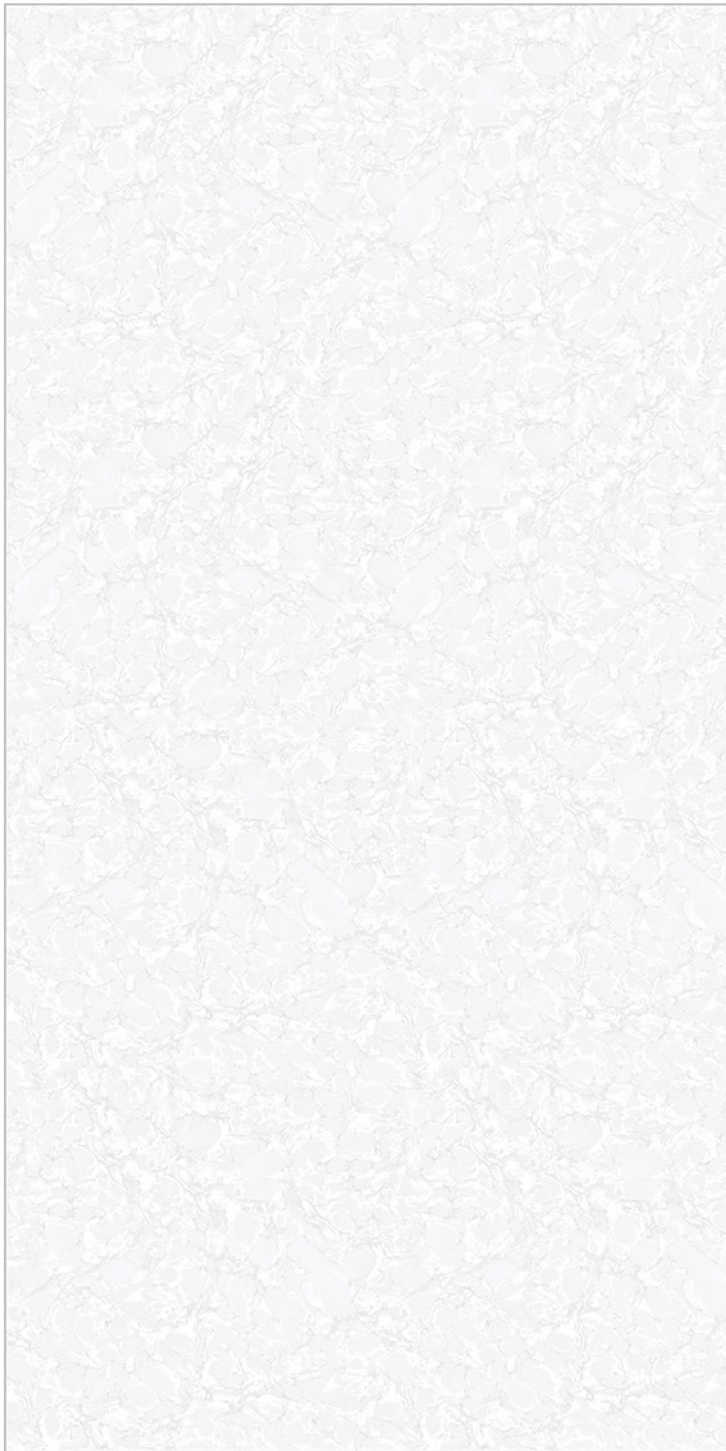
**paper
grey**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE


**paper
grey**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



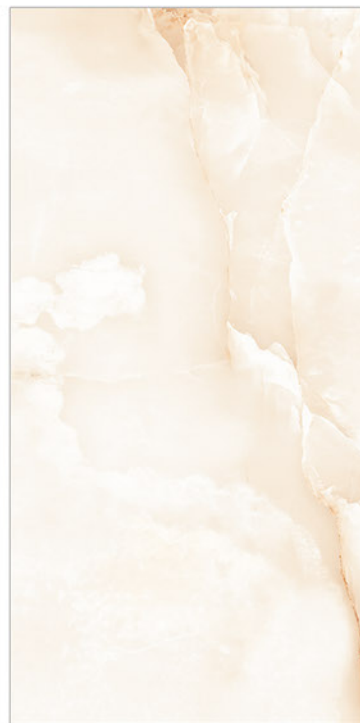
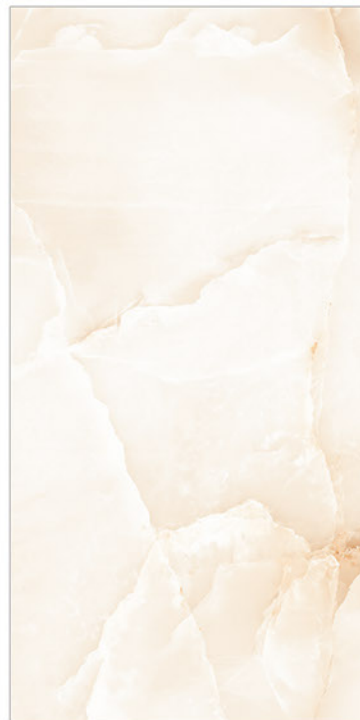
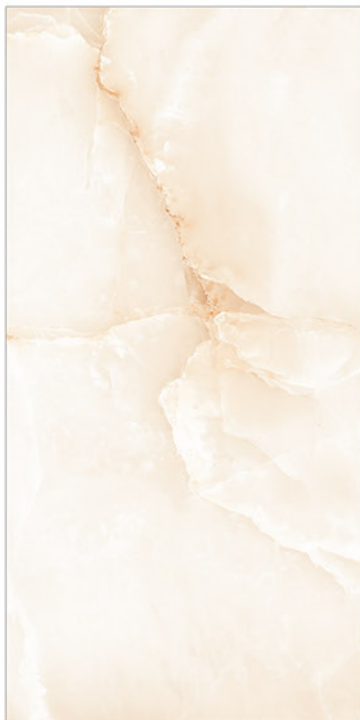
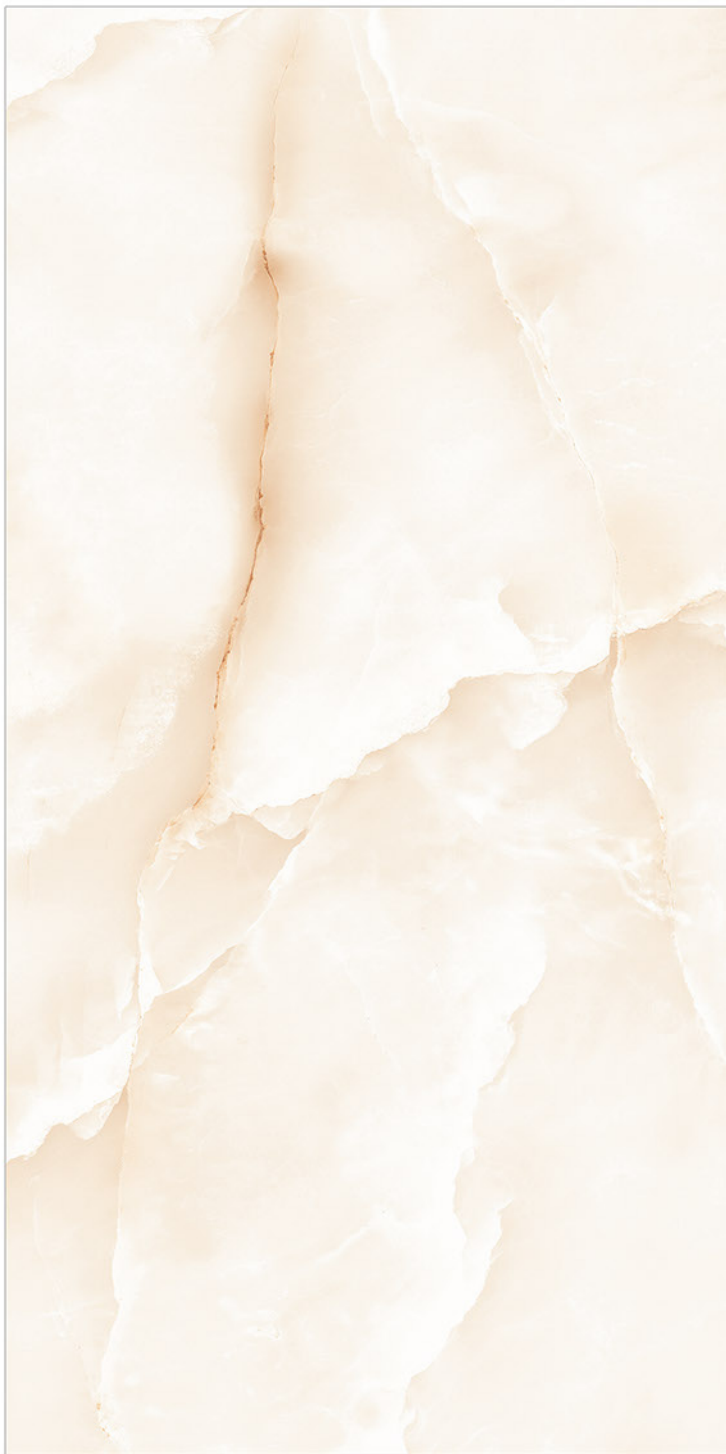
**selva onyx
gold**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**selva onyx
gold**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



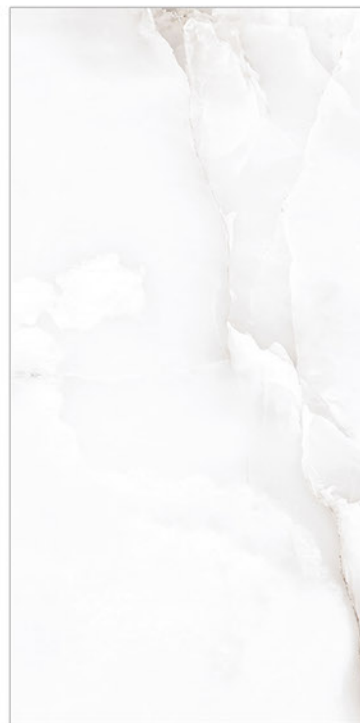
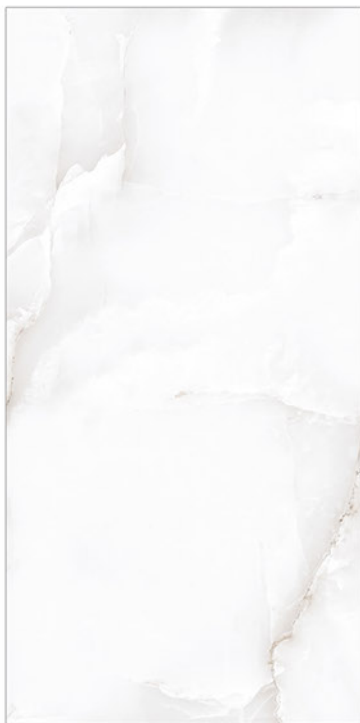
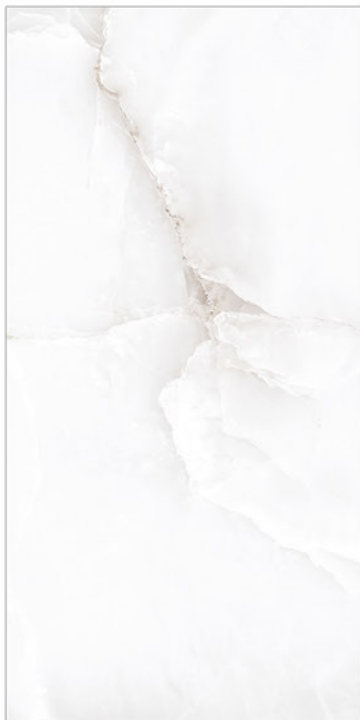
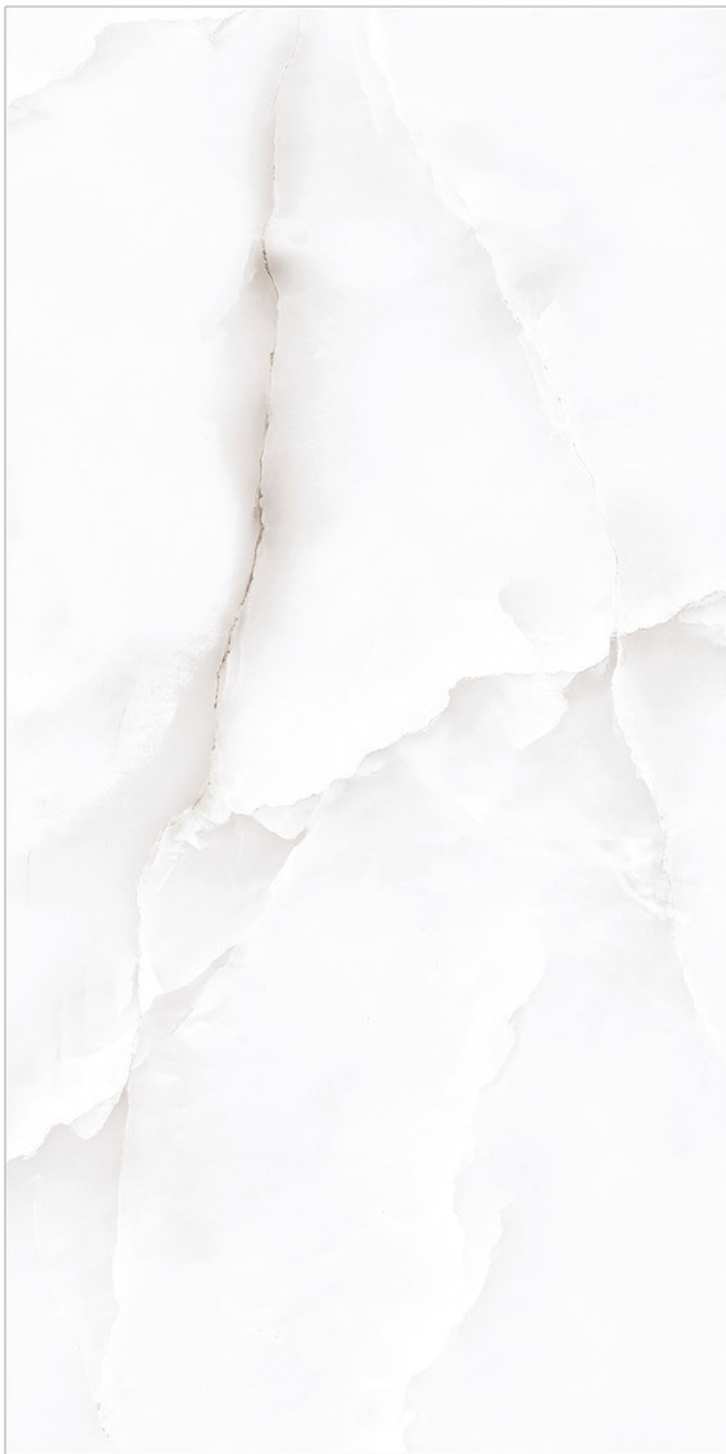
**selva onyx
white**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE

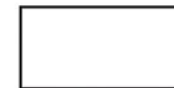



Lemzon[®]
MAGNIFICAT SURFACE

**selva onyx
white**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**sunonyx
sand**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

sunonyx sand



**600x
1200mm**



 Finish: **GLOSSY**





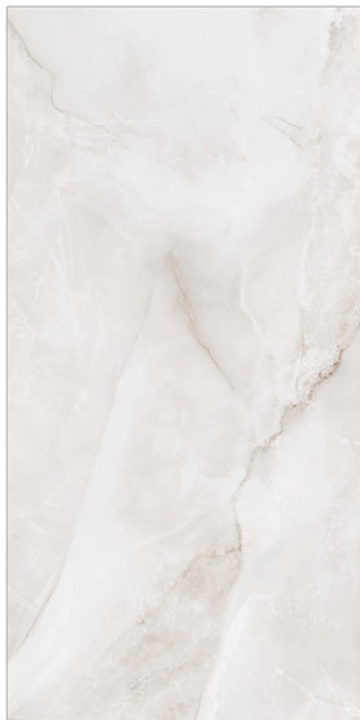
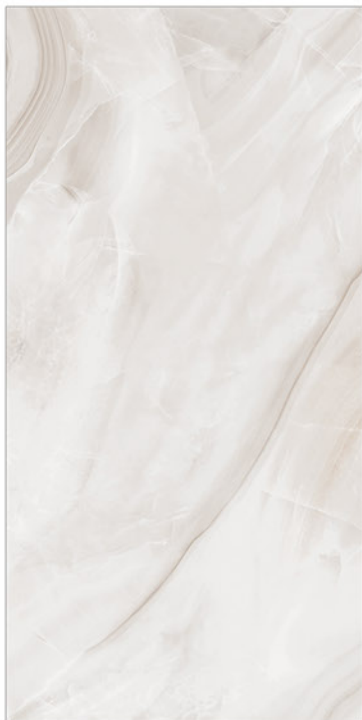
**sunonyx
silver**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE

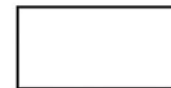



Lemzon[®]
MAGNIFICAT SURFACE

**sunonyx
silver**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

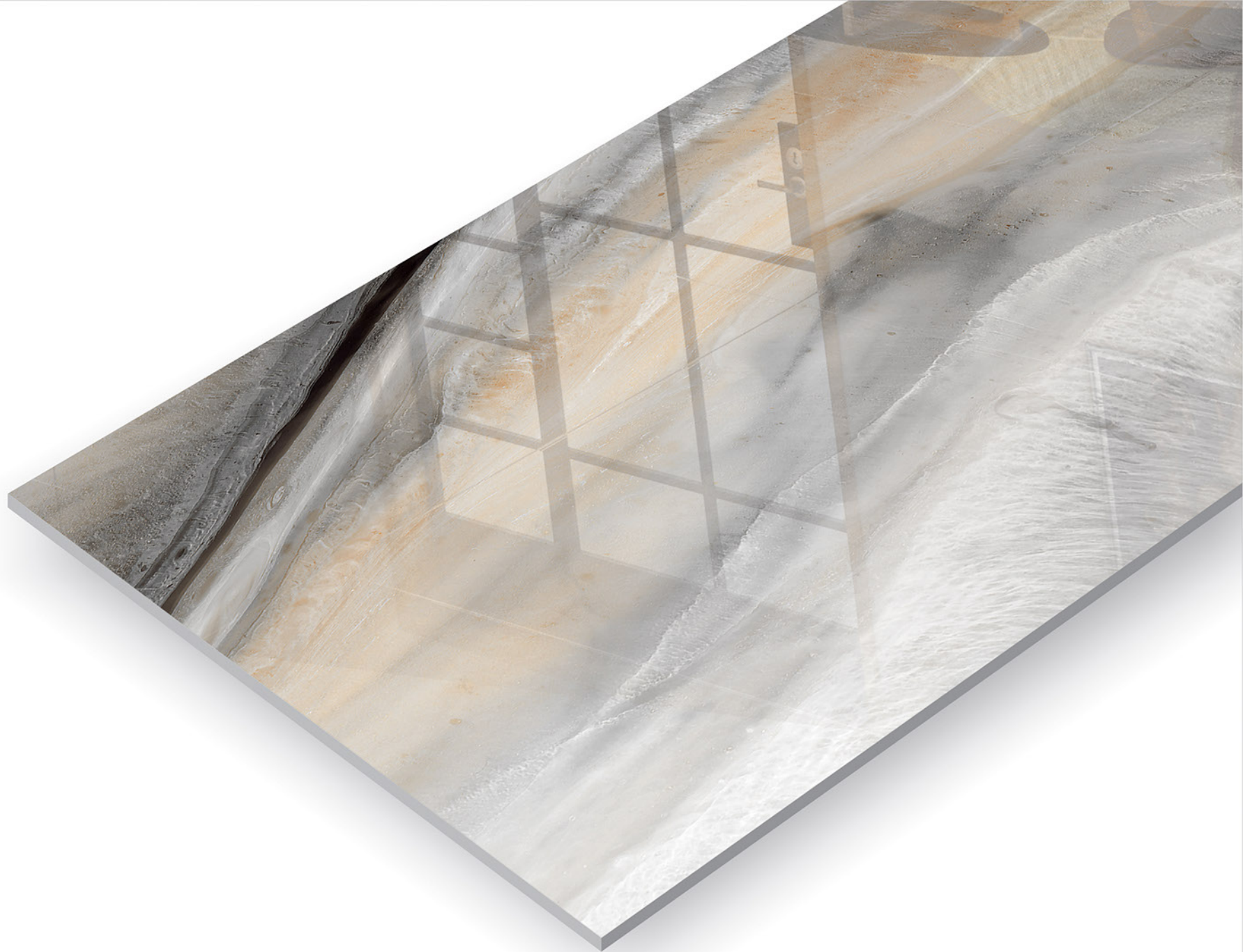
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**strom
onyx grey**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

strom onyx grey



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

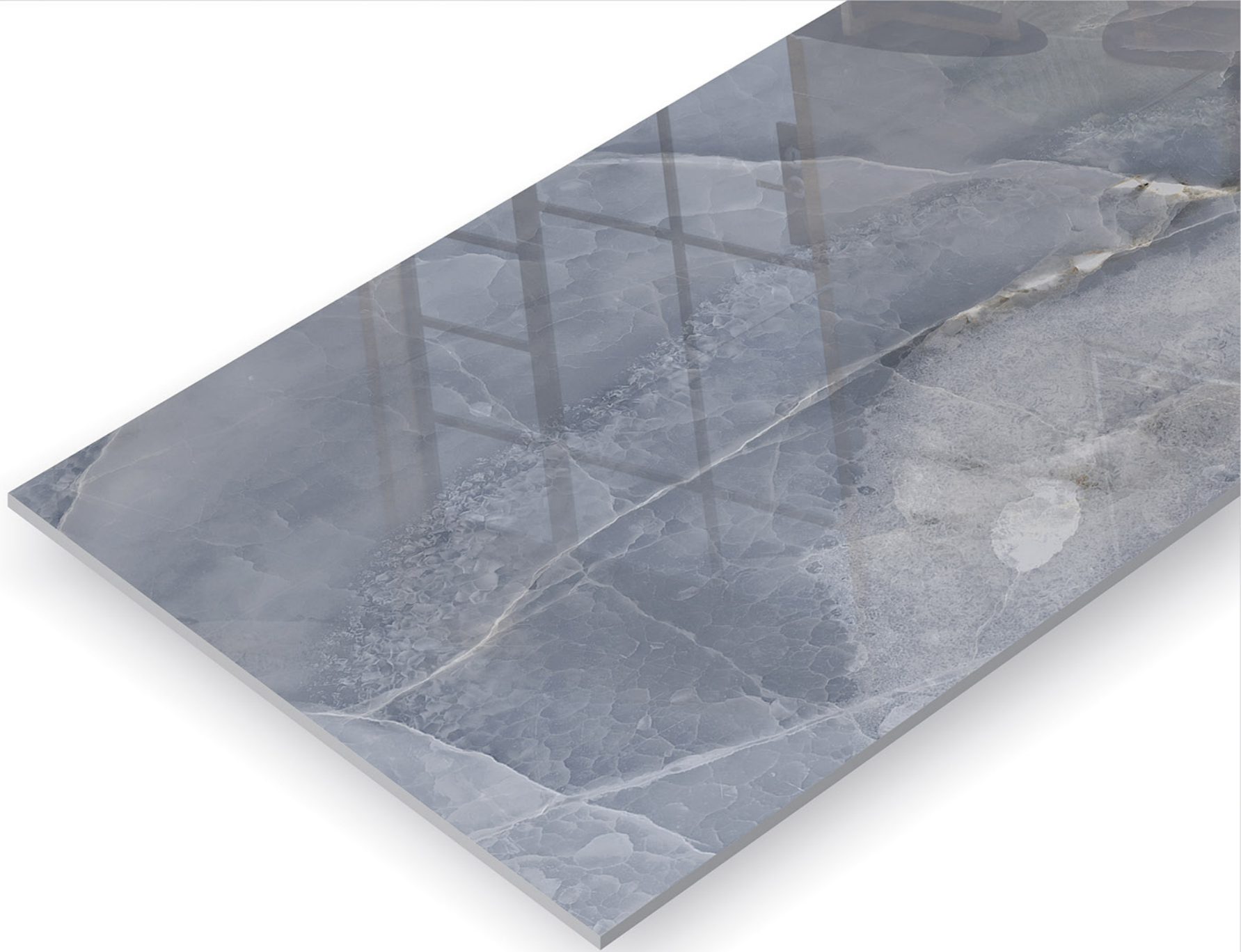
 LOW MAINTENANCE



strom
onyx grey



**aris blue
onyx**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**aris blue
onyx**



**600x
1200mm**




 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



aris blue
onyx



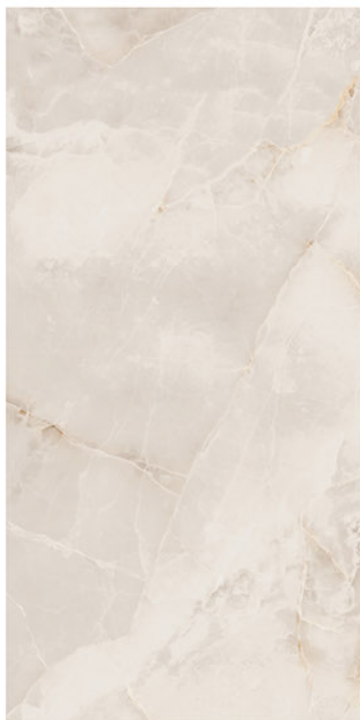
**aris brown
onyx**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**aris brown
onyx**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

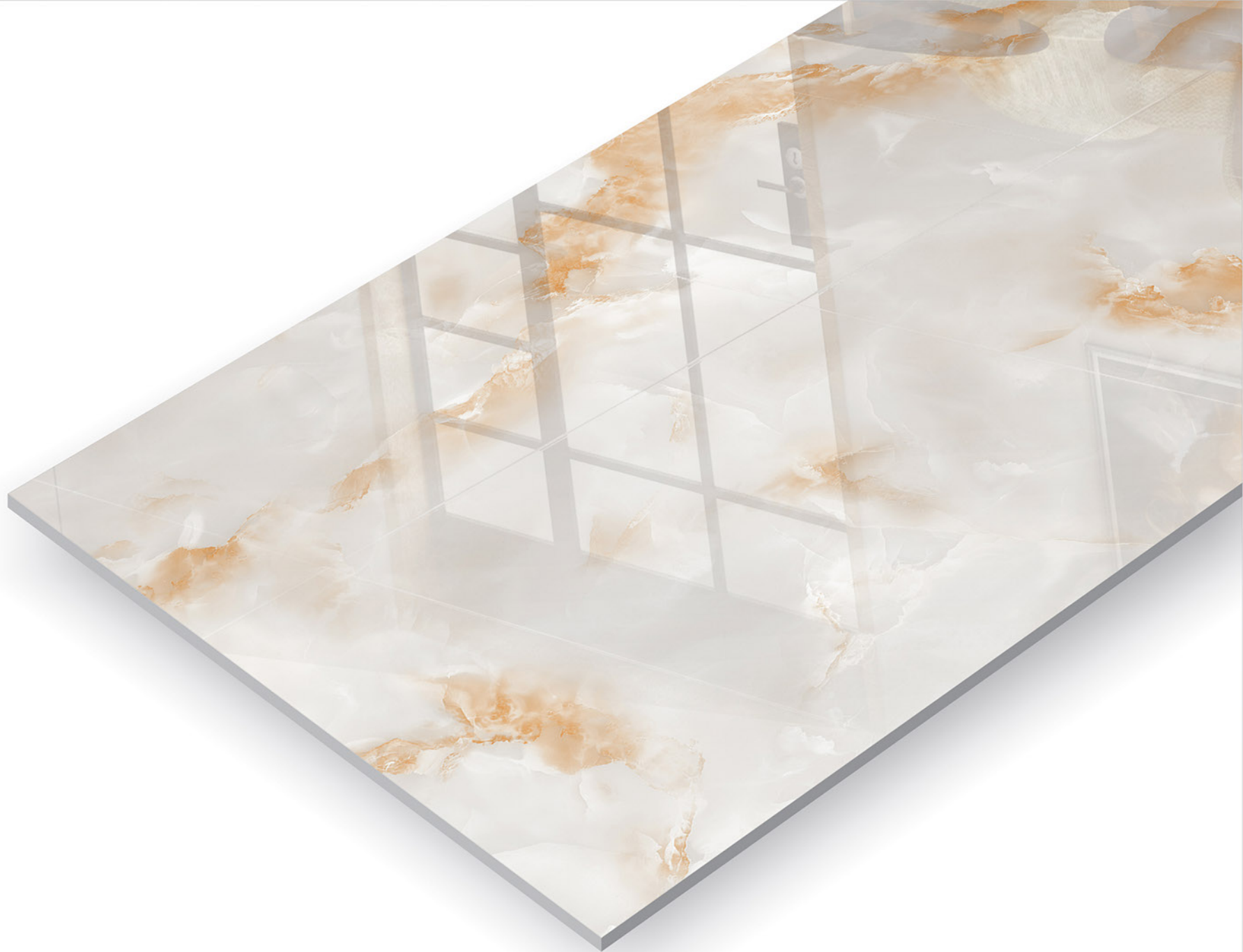
 RANDOM DESIGN

 LOW MAINTENANCE



aris brown
onyx

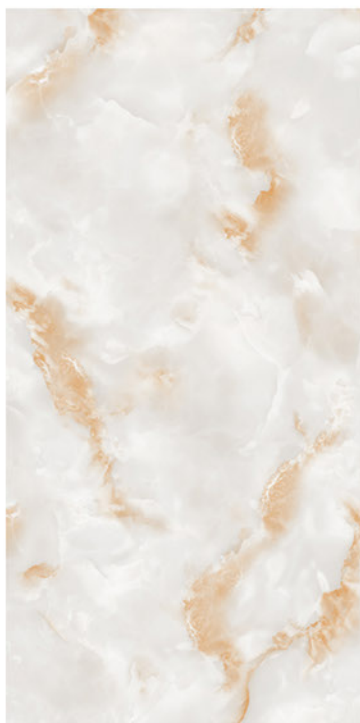
**archiekins
onyx**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**archiekins
onyx**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

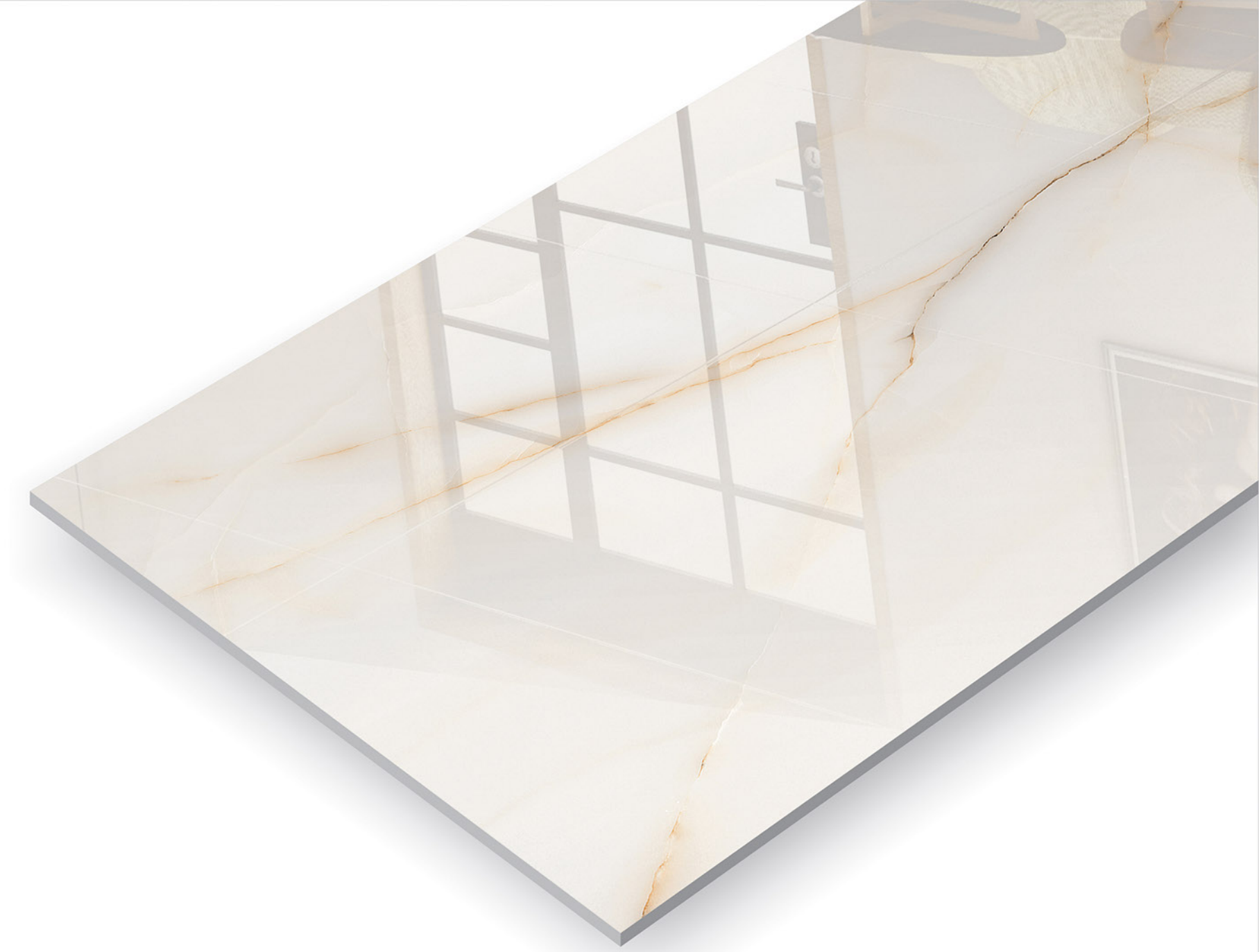
 LOW MAINTENANCE



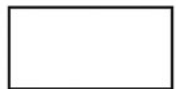
archiekins
onyx



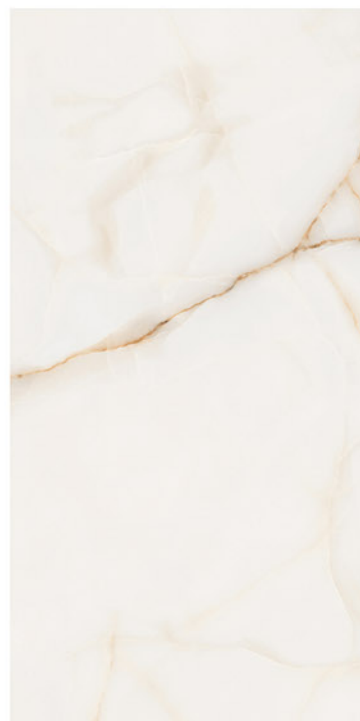
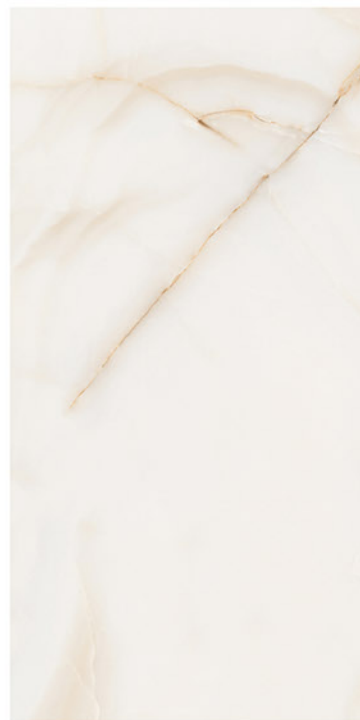
**onyx
crema**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

**onyx
crema**



**600x
1200mm**



 Finish: **GLOSSY**

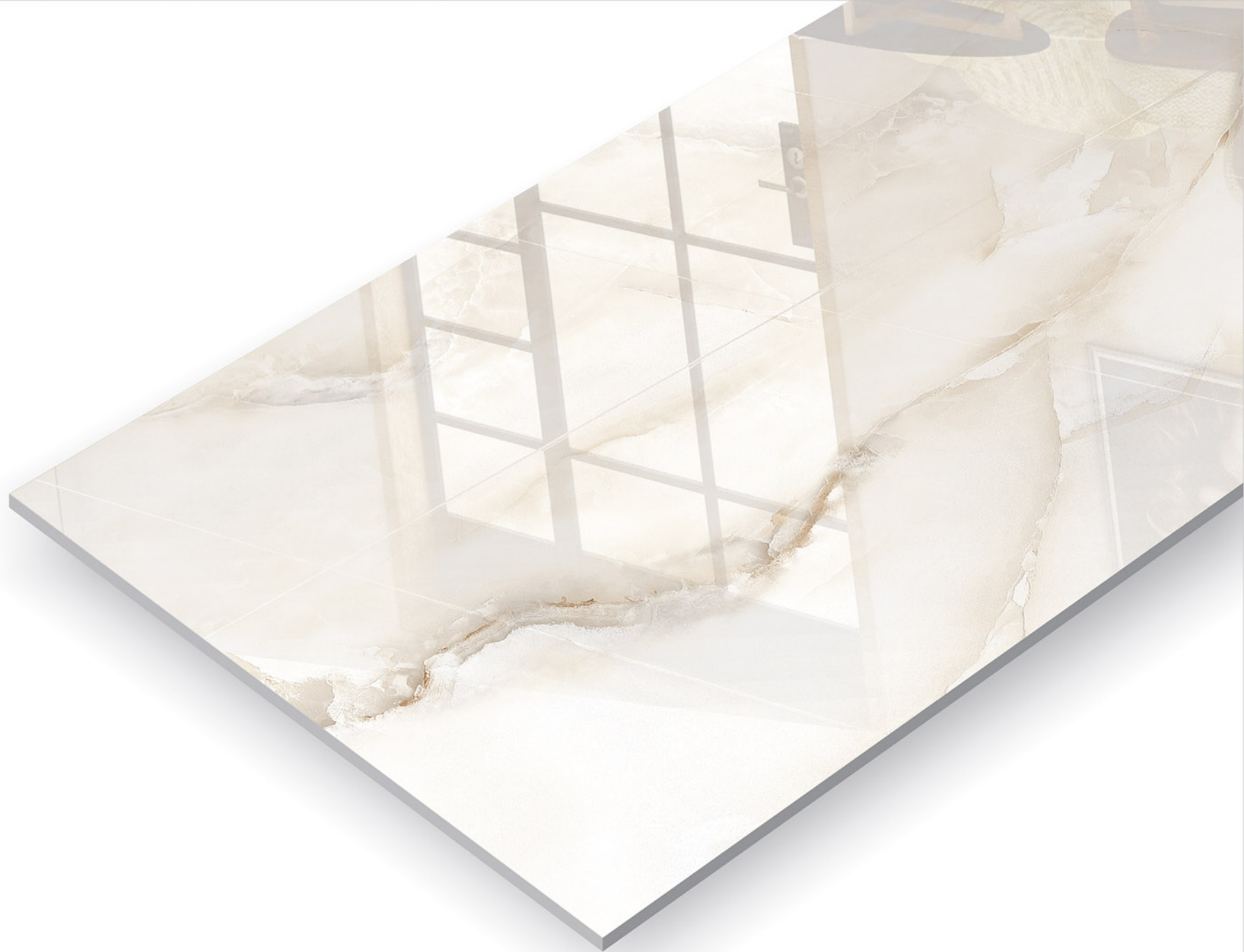
 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE

**antisky
onyx**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

antisky onyx



**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



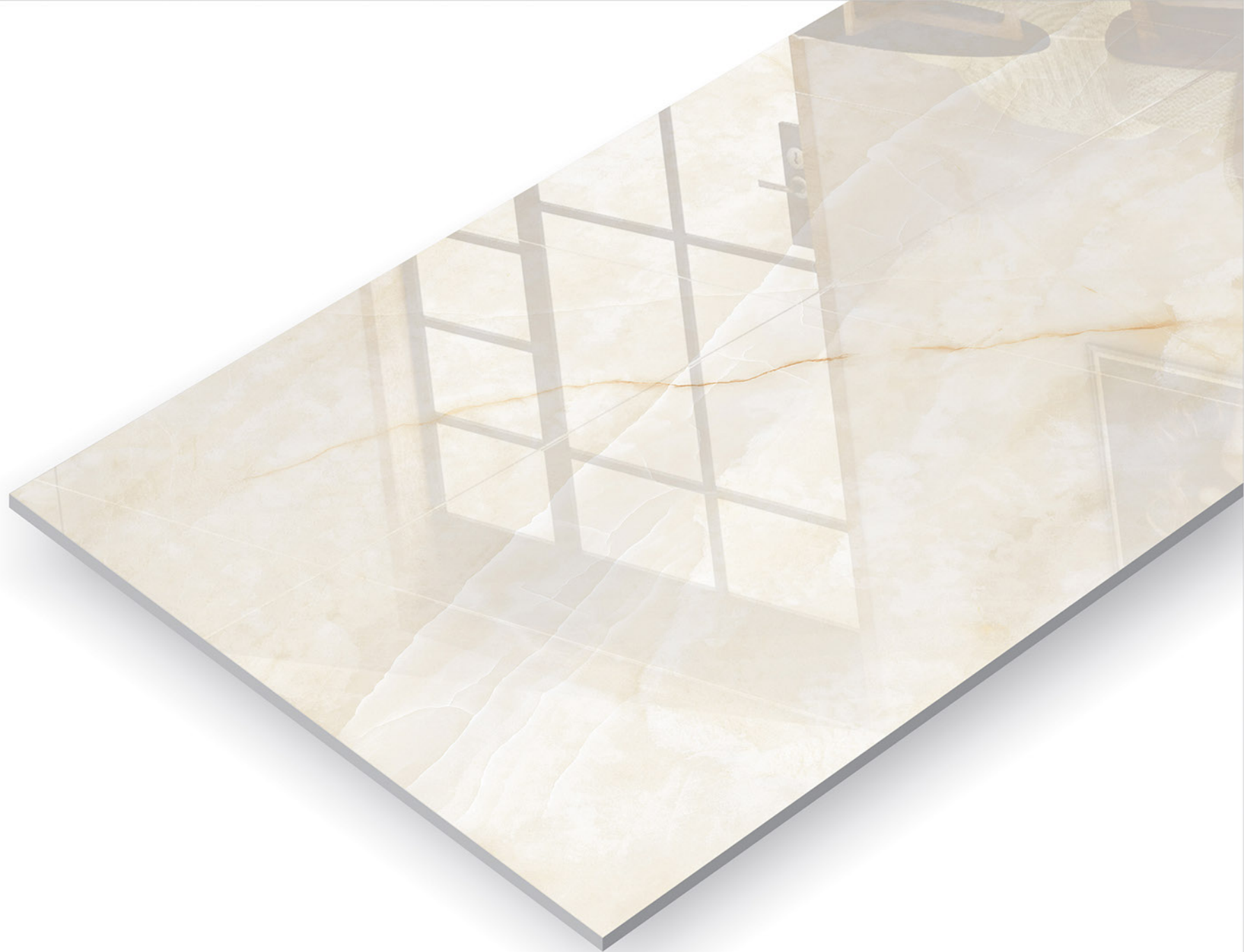
LOW MAINTENANCE



antisky
onyx



**italian
onyx**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

italian onyx



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

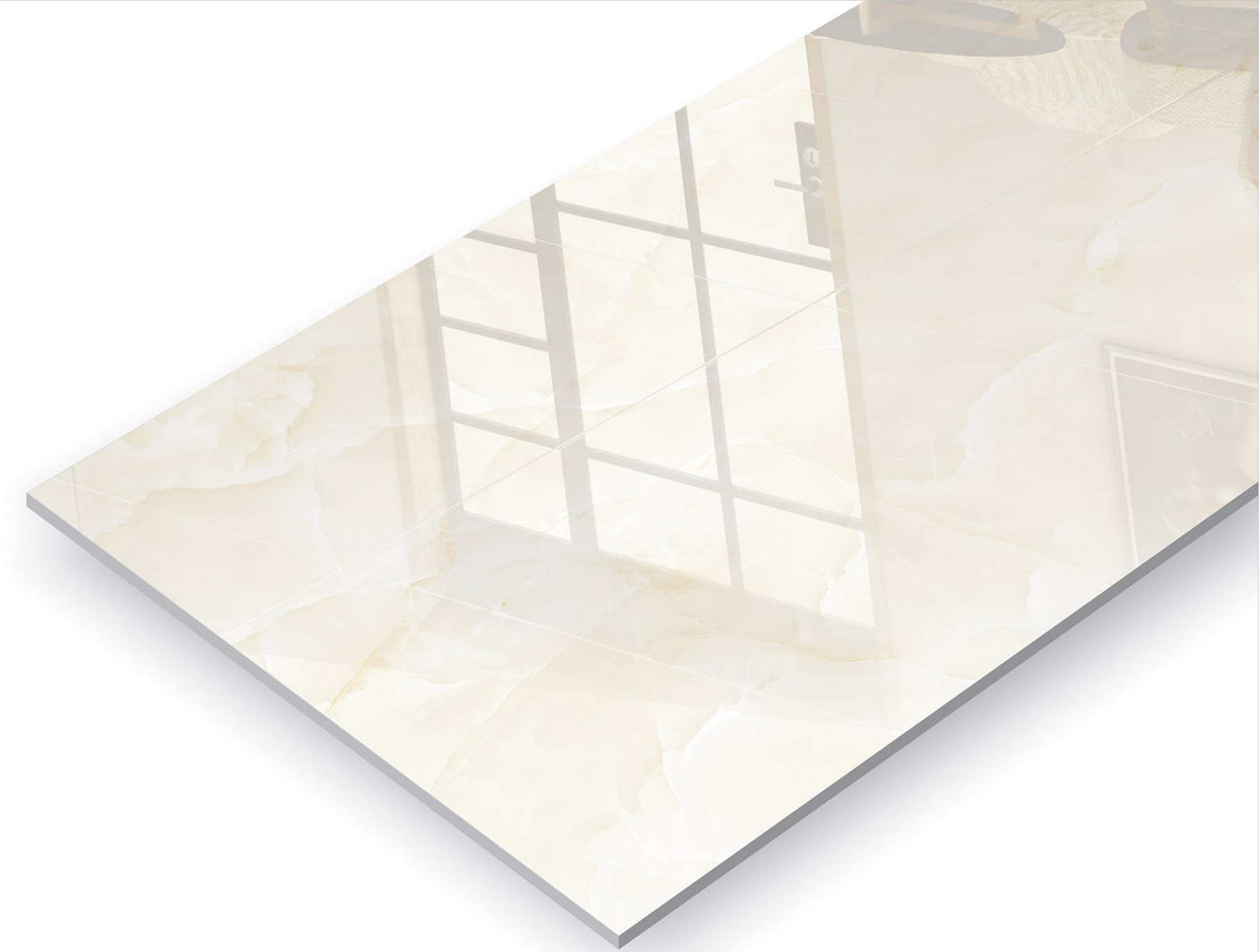
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



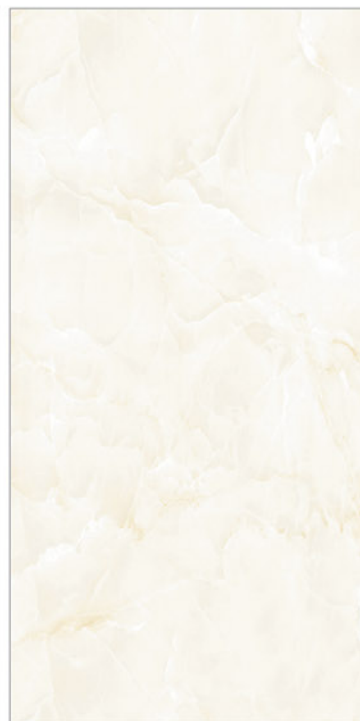
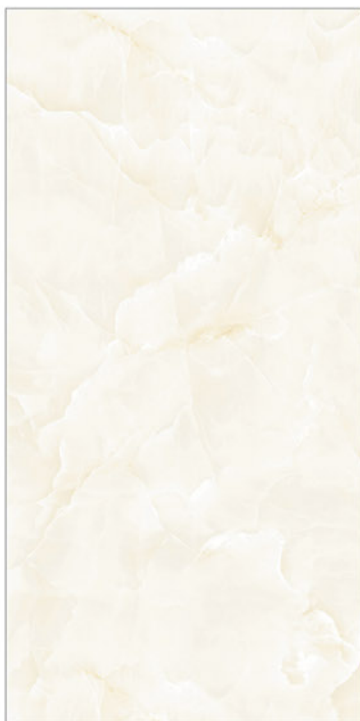
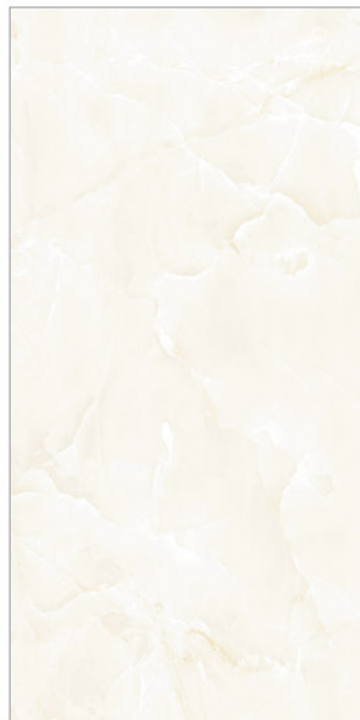
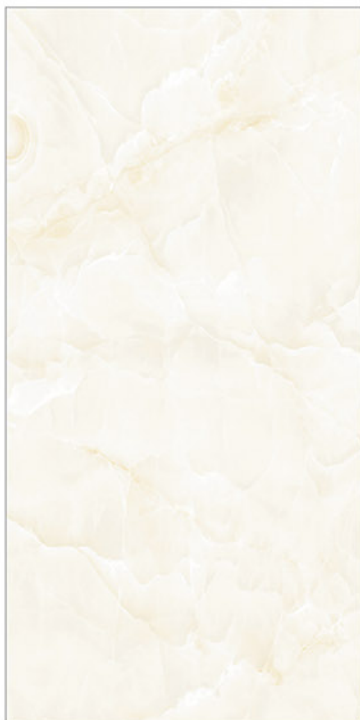
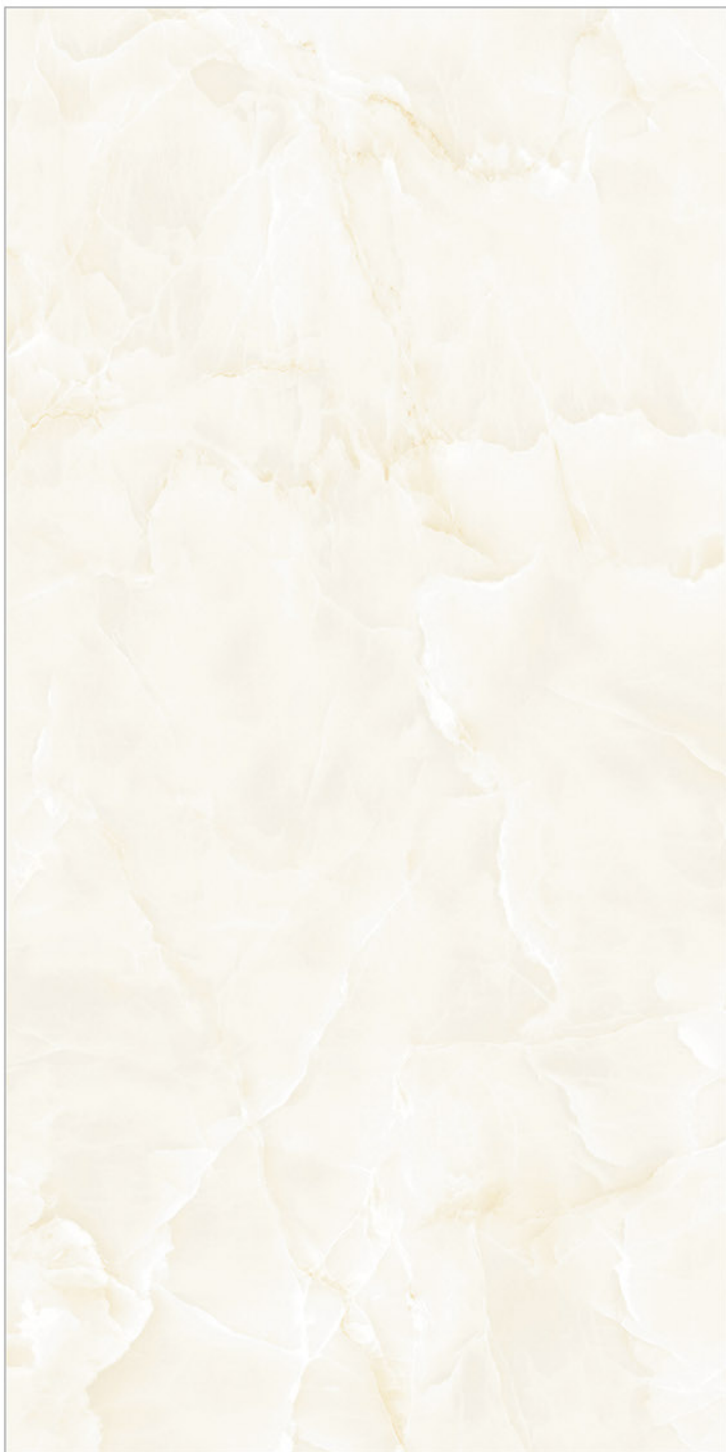
**golden
onyx**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**golden
onyx**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



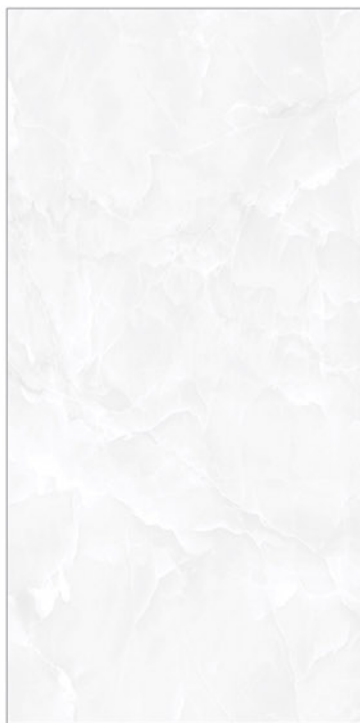
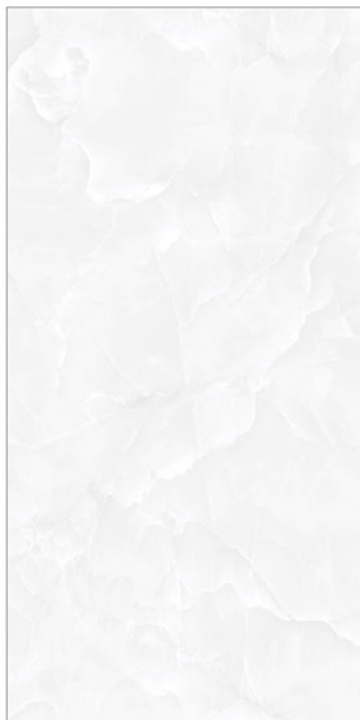
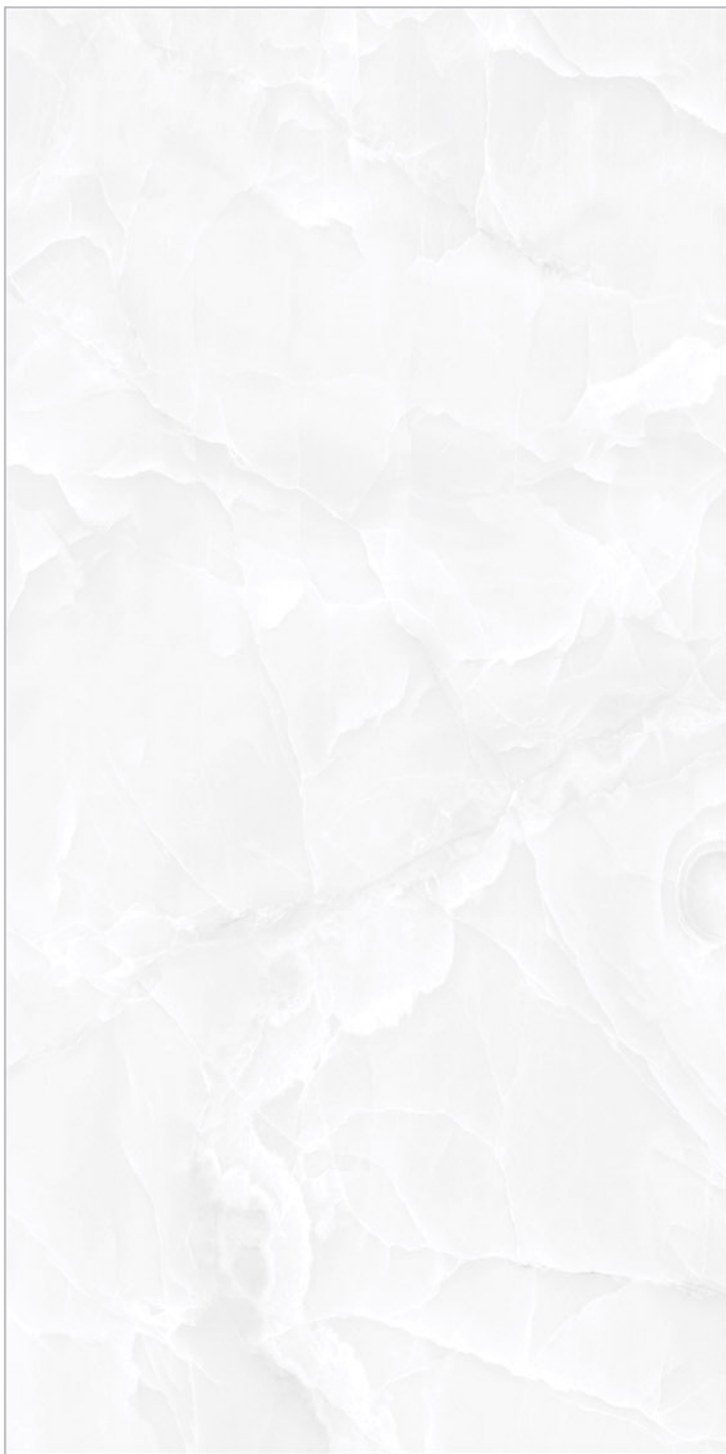
**white
onyx**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**white
onyx**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**plazo
botticino**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

**plazo
botticino**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**botticino
real**



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE




Lemzon[®]
MAGNIFICAT SURFACE

botticino real



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE





botticino



**600x
1200mm**



Lemzon®
MAGNIFICAT SURFACE



Lemzon[®]
MAGNIFICAT SURFACE

botticino



**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

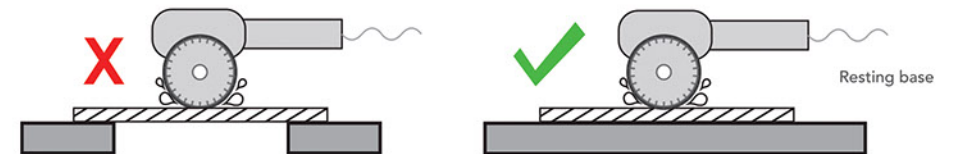
As long as the technical capacity of the cutting machine allows it, it is advisable to finish all the cuts towards the edge of the slab and avoid all the endings at the central area of the slab.

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



Lemzon[®]
MAGNIFICAT SURFACE

LEMZON GRANITO LLP

8-A National Highway, Sartanpar Road, At. Ratavirda,
Tal. Wakaner, Dist. Morbi (Gujarat-India)

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

