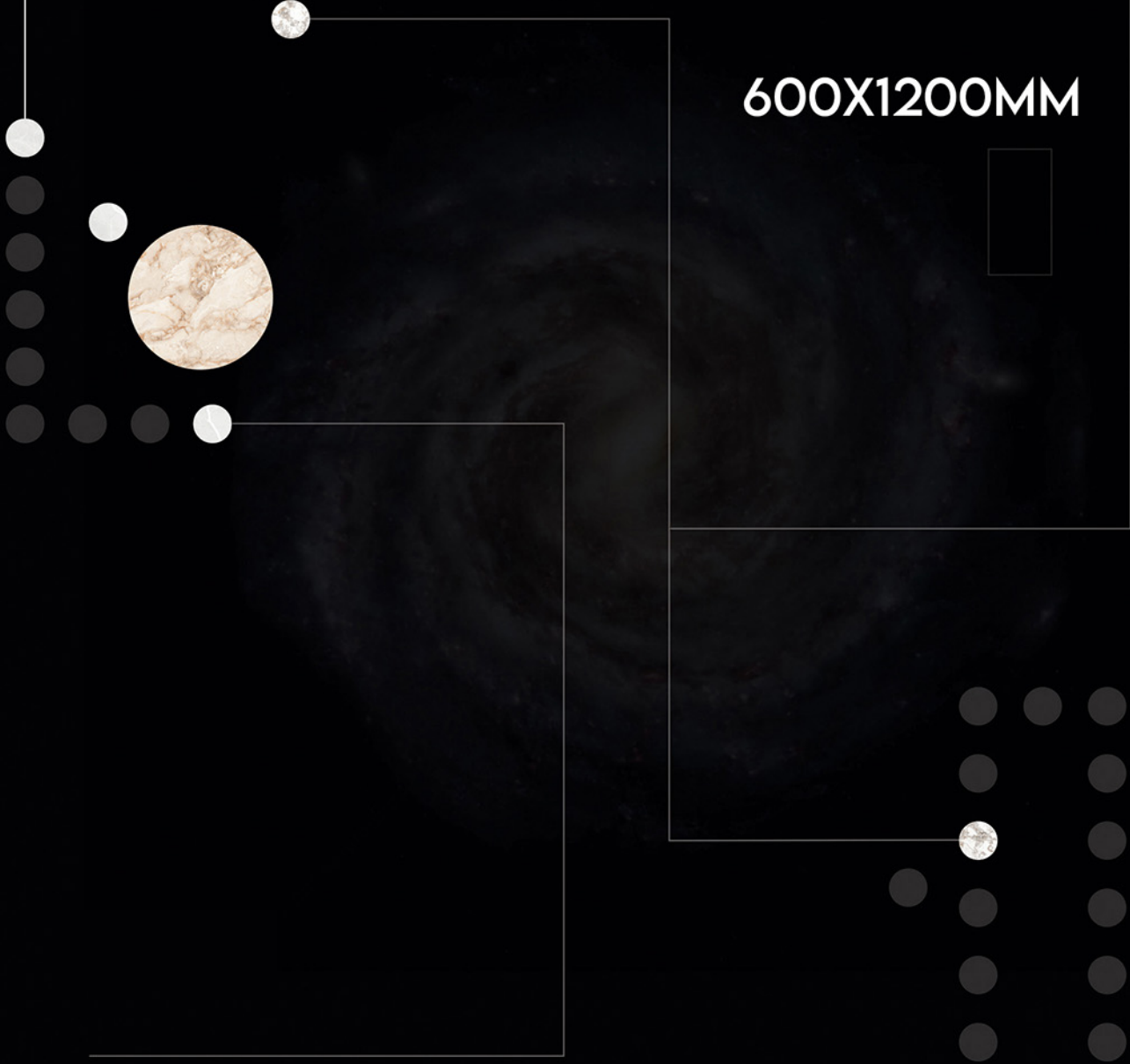


 **CLASSIC**
CERAMIC

endless
collection

600X1200MM

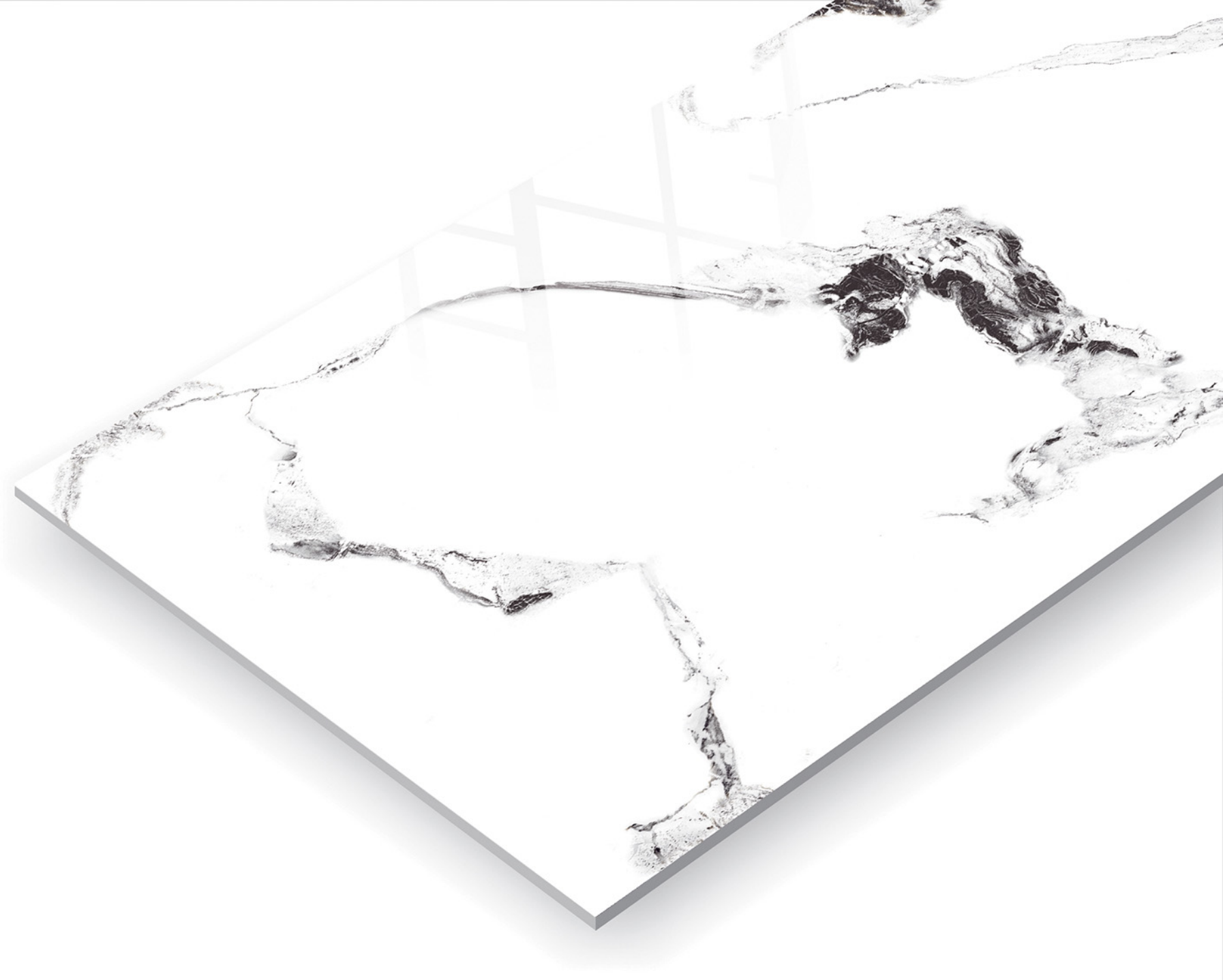


The graphic features a dark background with a grid of dots. A central circular inset displays a light-colored marble pattern. The dots are arranged in a grid, with some dots highlighted in white and others in dark gray. The overall design is minimalist and modern.



explore

The Infinite Possibilities of Collection



**carrara
charcoal**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**carrara
charcoal**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



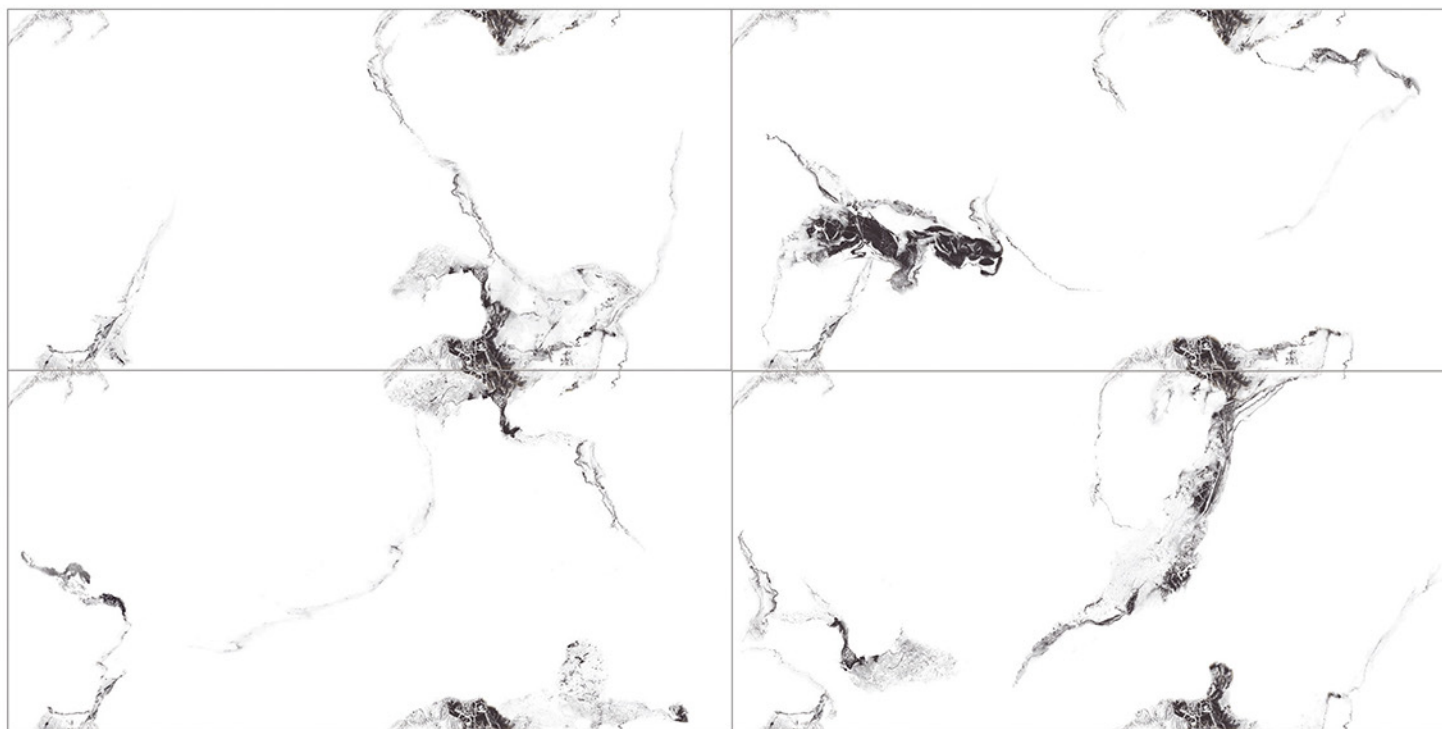
ECO FRIENDLY

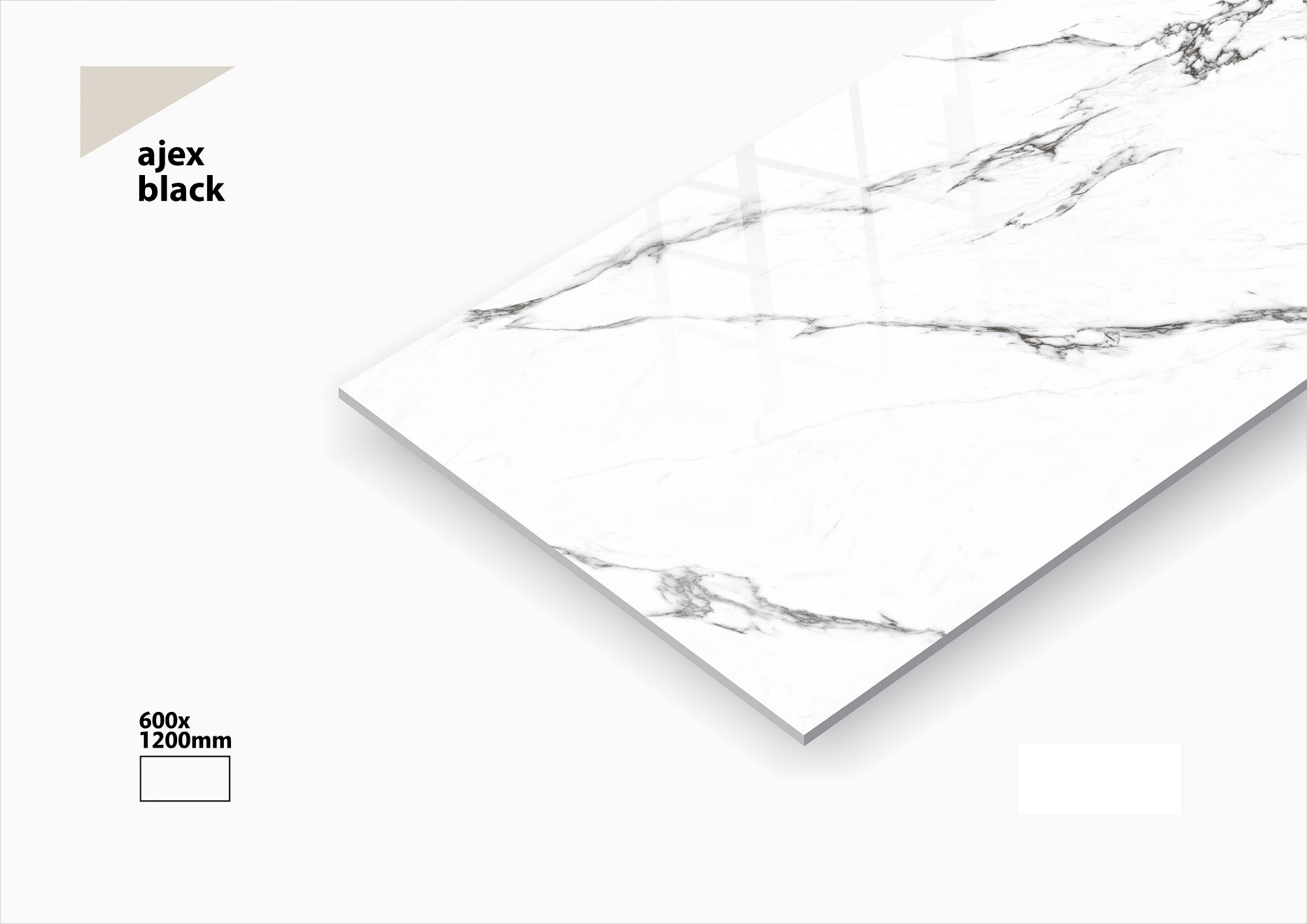


RANDOM DESIGN



LOW MAINTENANCE





**ajex
black**

**600x
1200mm**



**ajex
black**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY

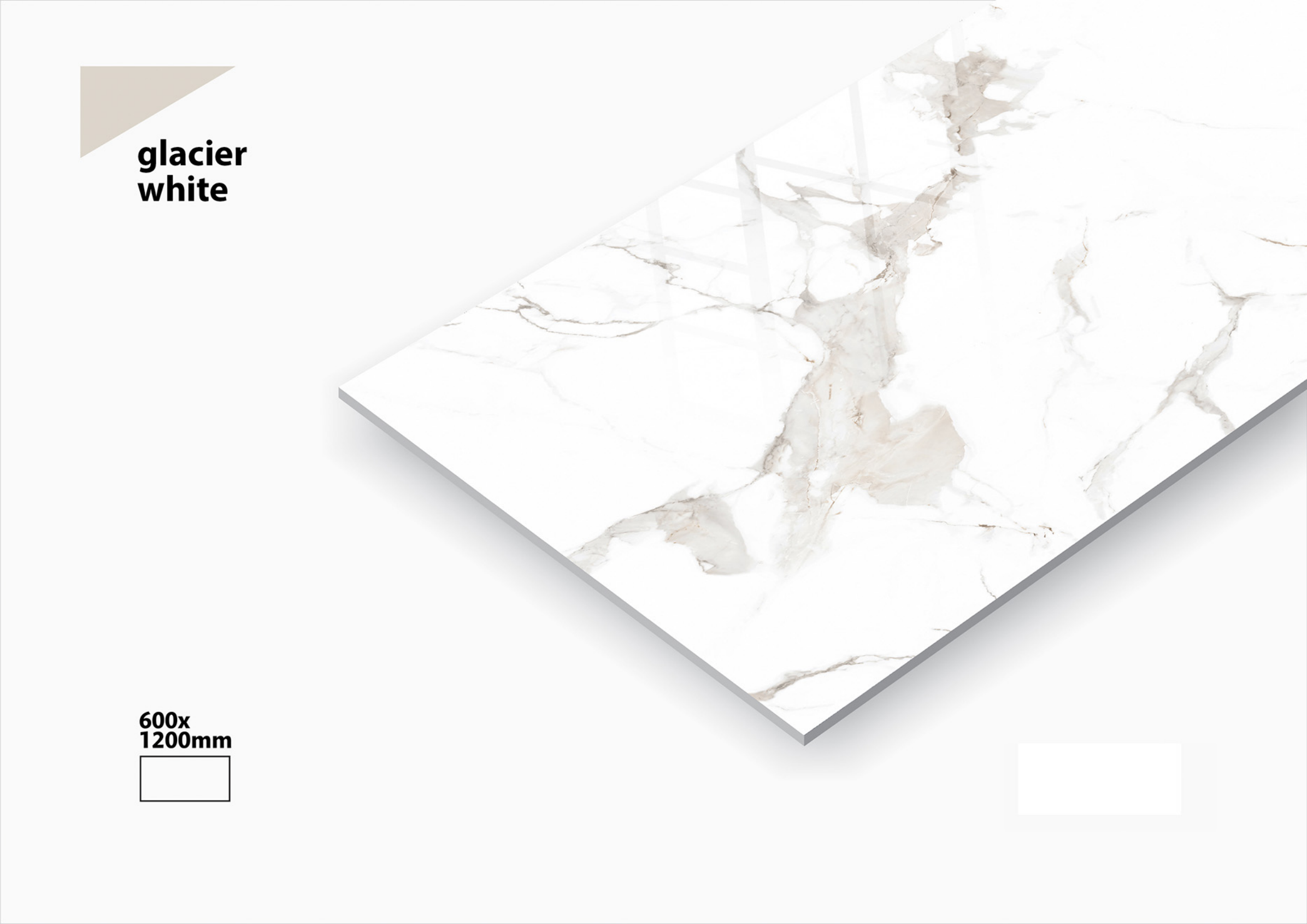


RANDOM DESIGN



LOW MAINTENANCE

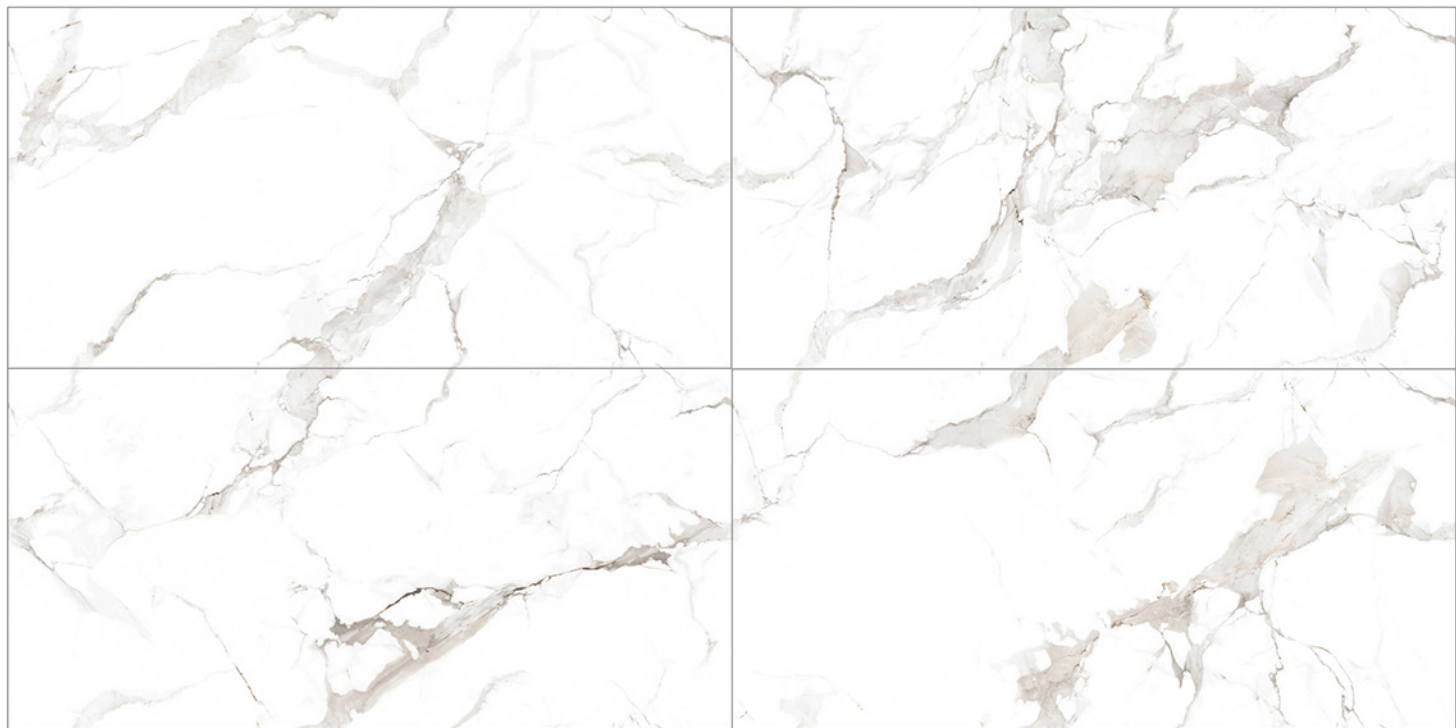




**glacier
white**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**glacier
white**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



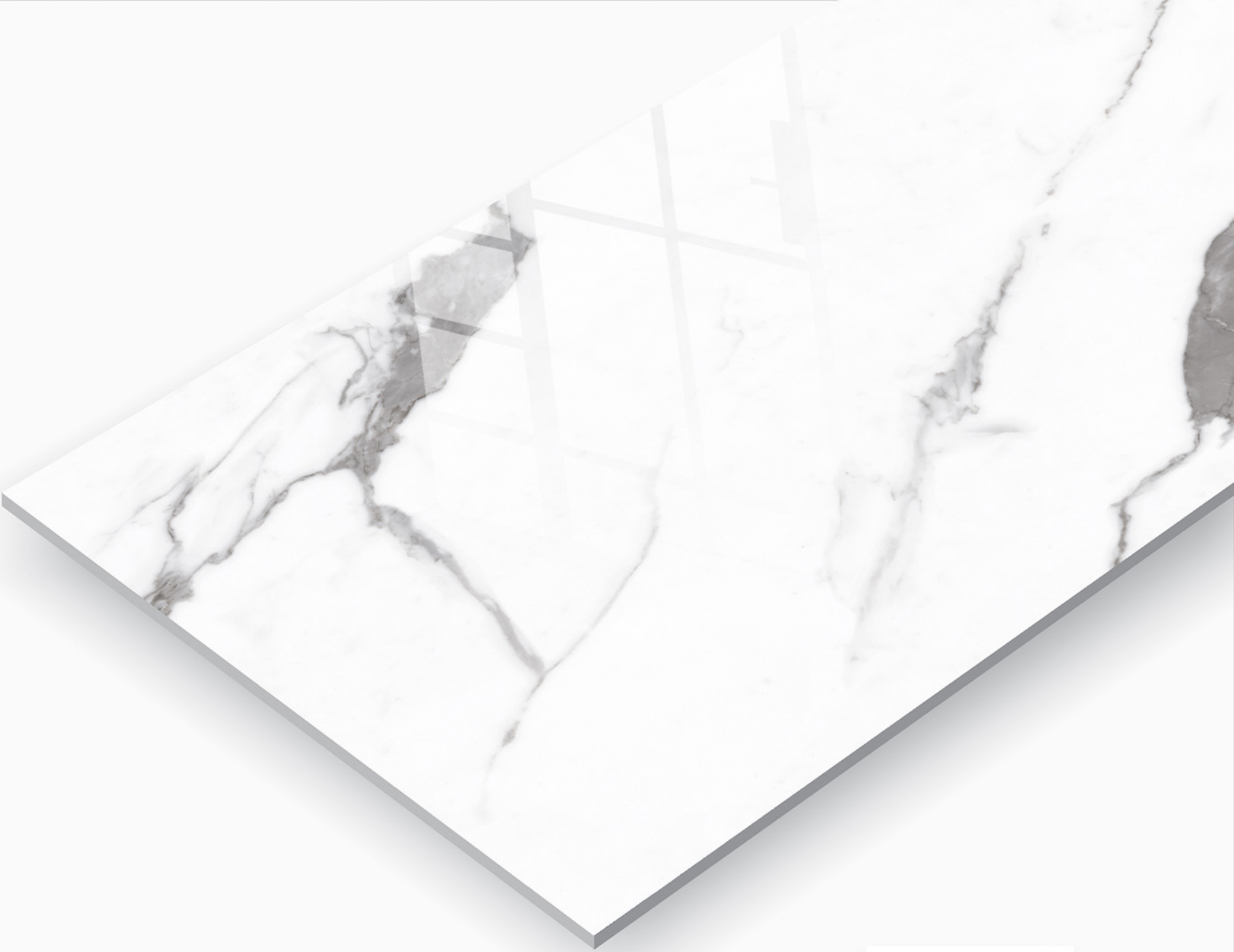
ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**calcatta
prime**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**calcatta
prime**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



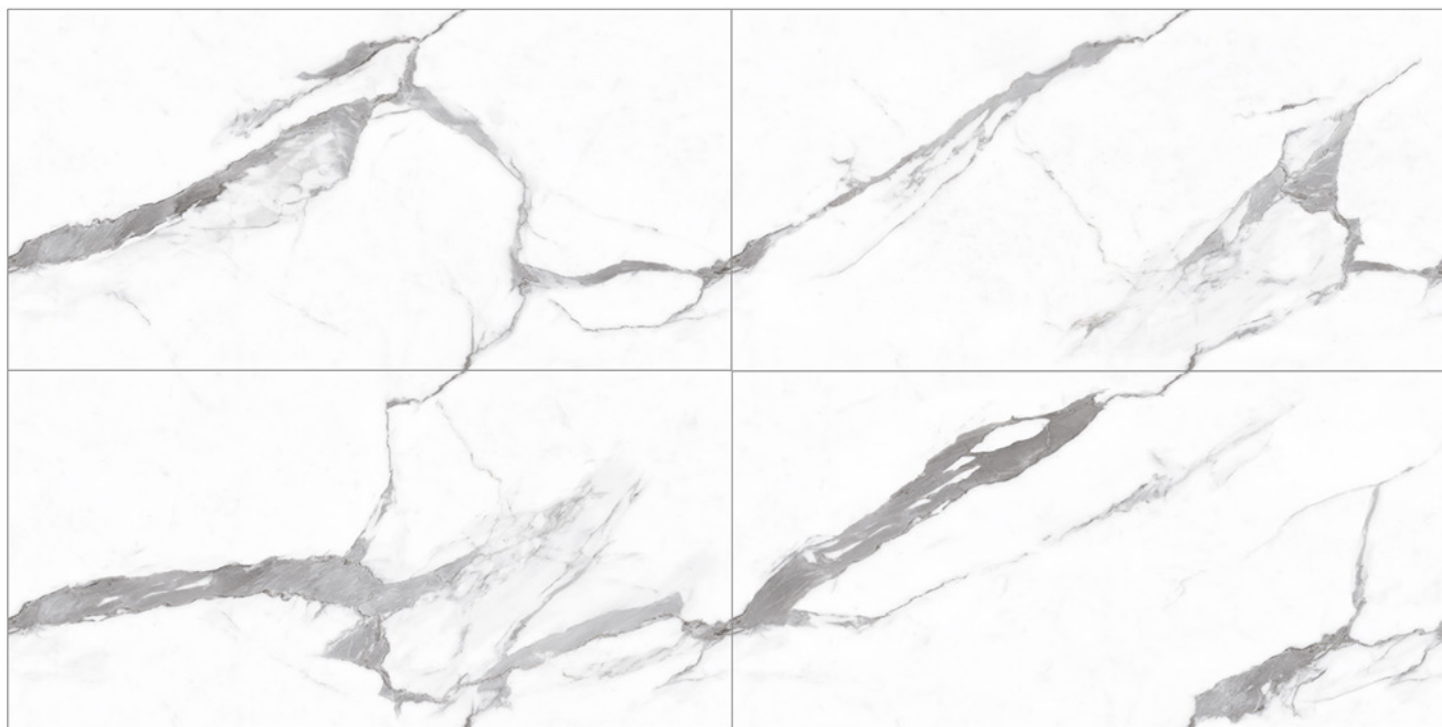
ECO FRIENDLY

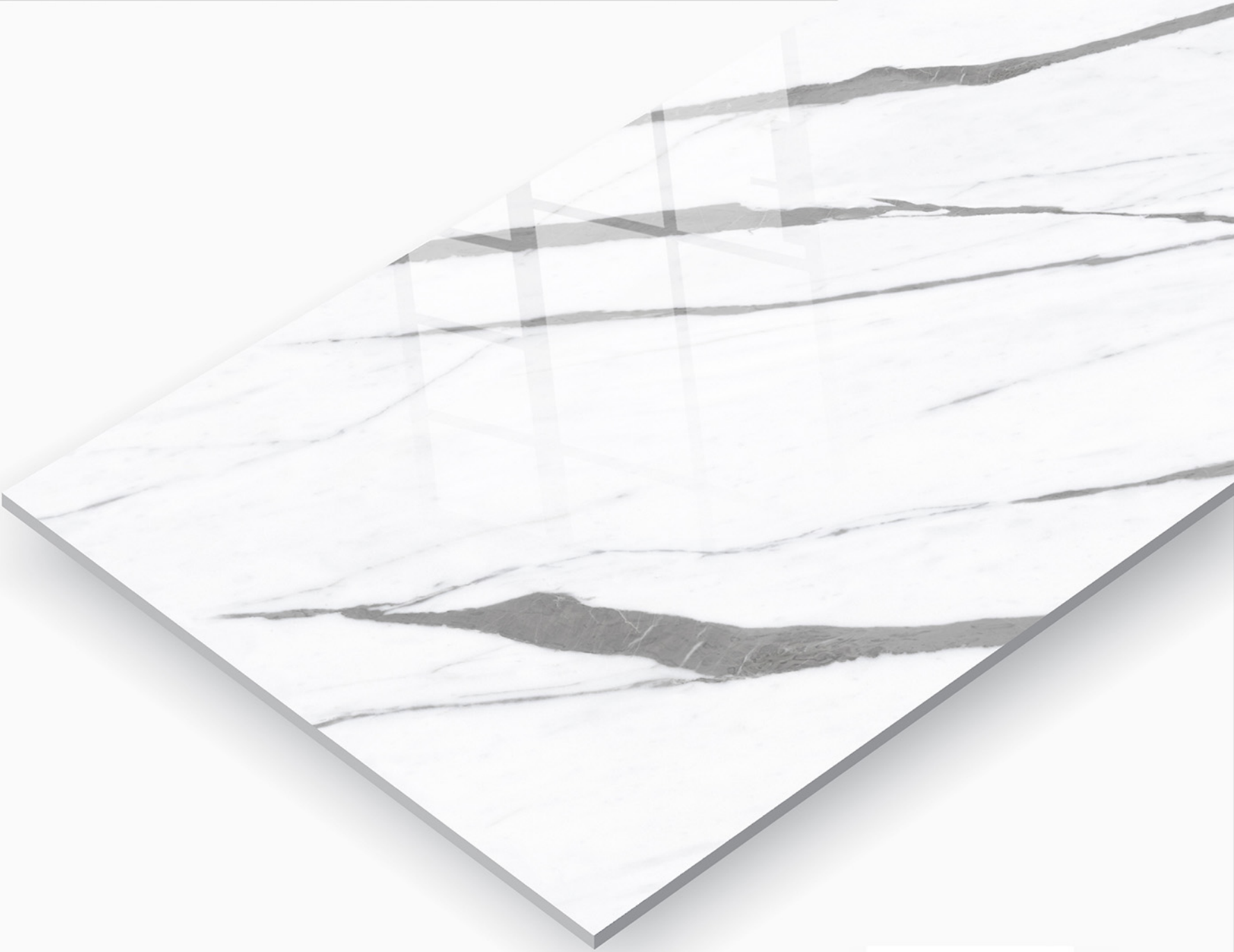


RANDOM DESIGN



LOW MAINTENANCE





**carrara
eternity**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**carrara
eternity**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



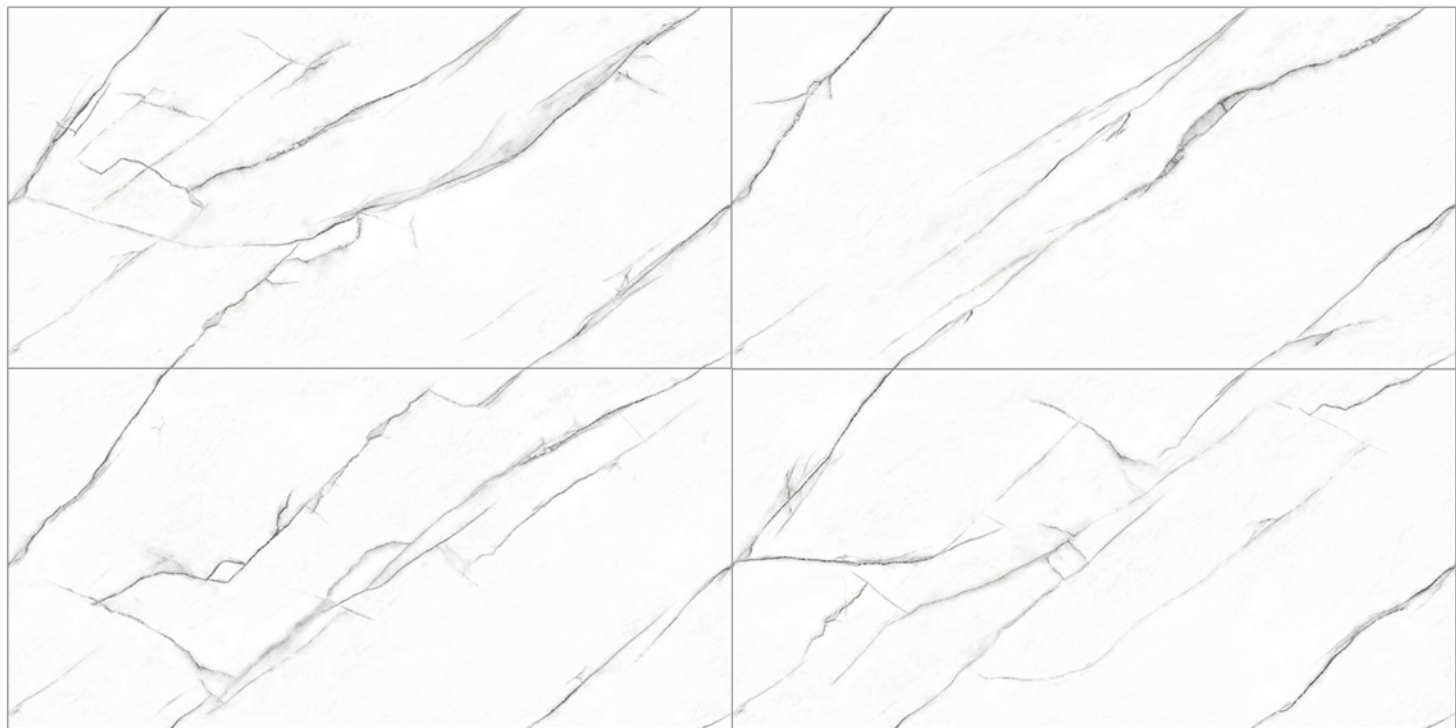
LOW MAINTENANCE



**carrara
noble**

**600x
1200mm**





carrara
noble



endless
collection

600x
1200mm



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**cellas
calcatta**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**cellas
calcatta**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



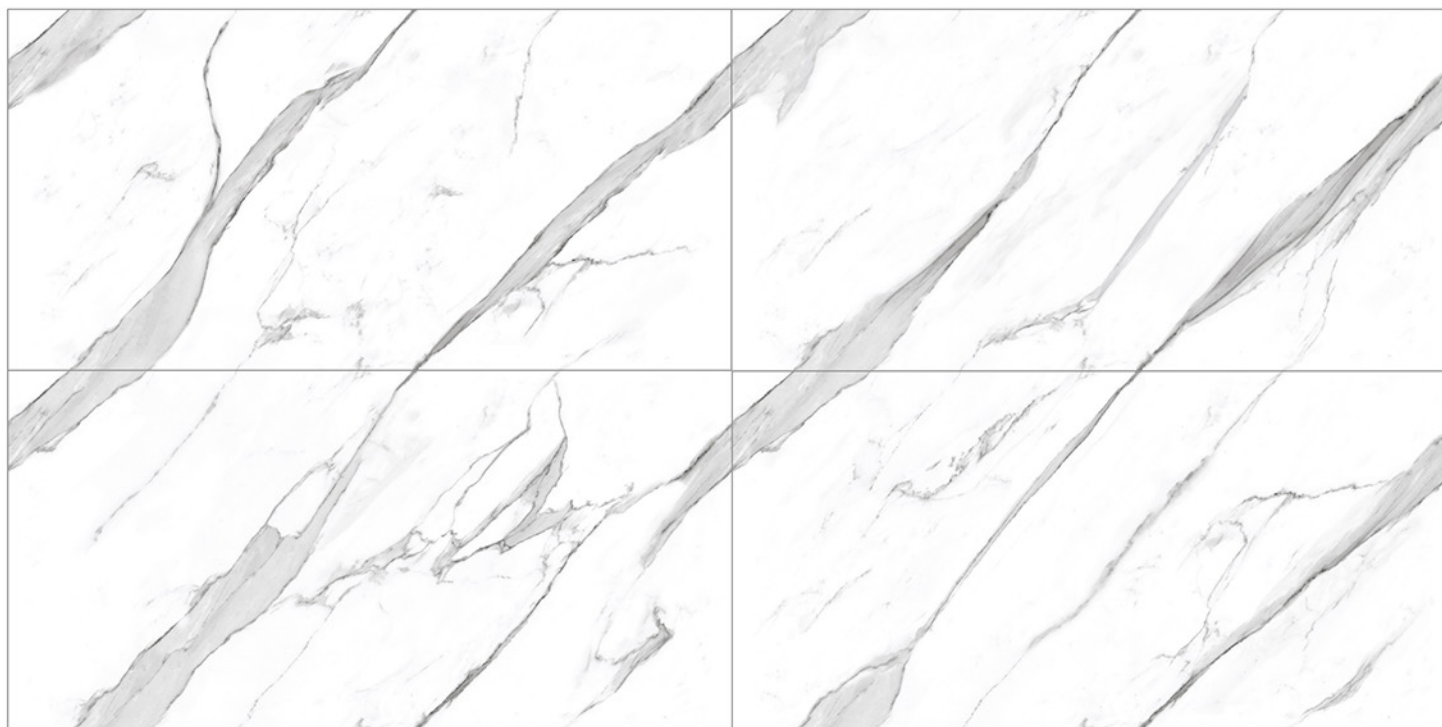
ECO FRIENDLY



RANDOM DESIGN

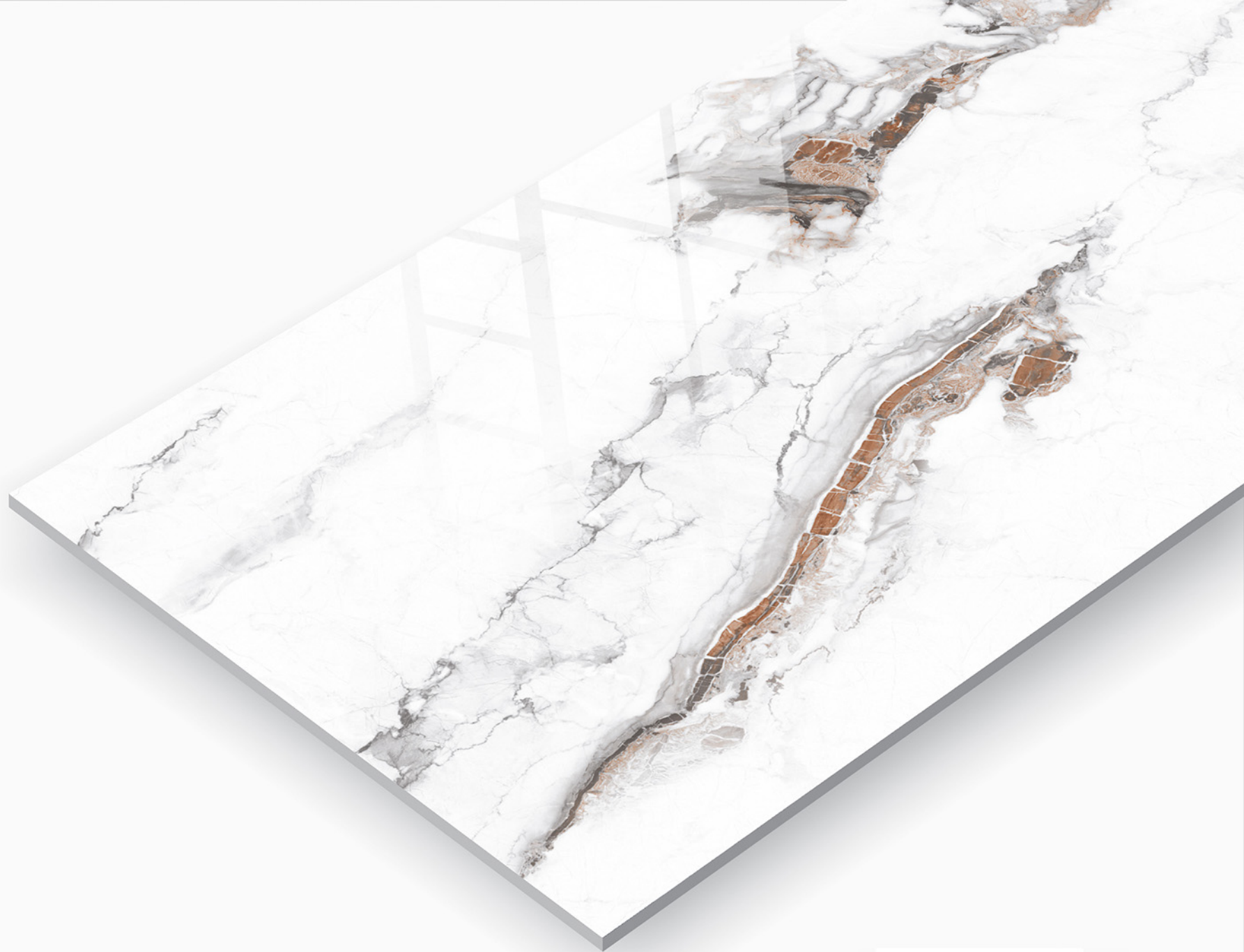


LOW MAINTENANCE



**arklight
brown**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**arklight
brown**



endless
collection

**600x
1200mm**



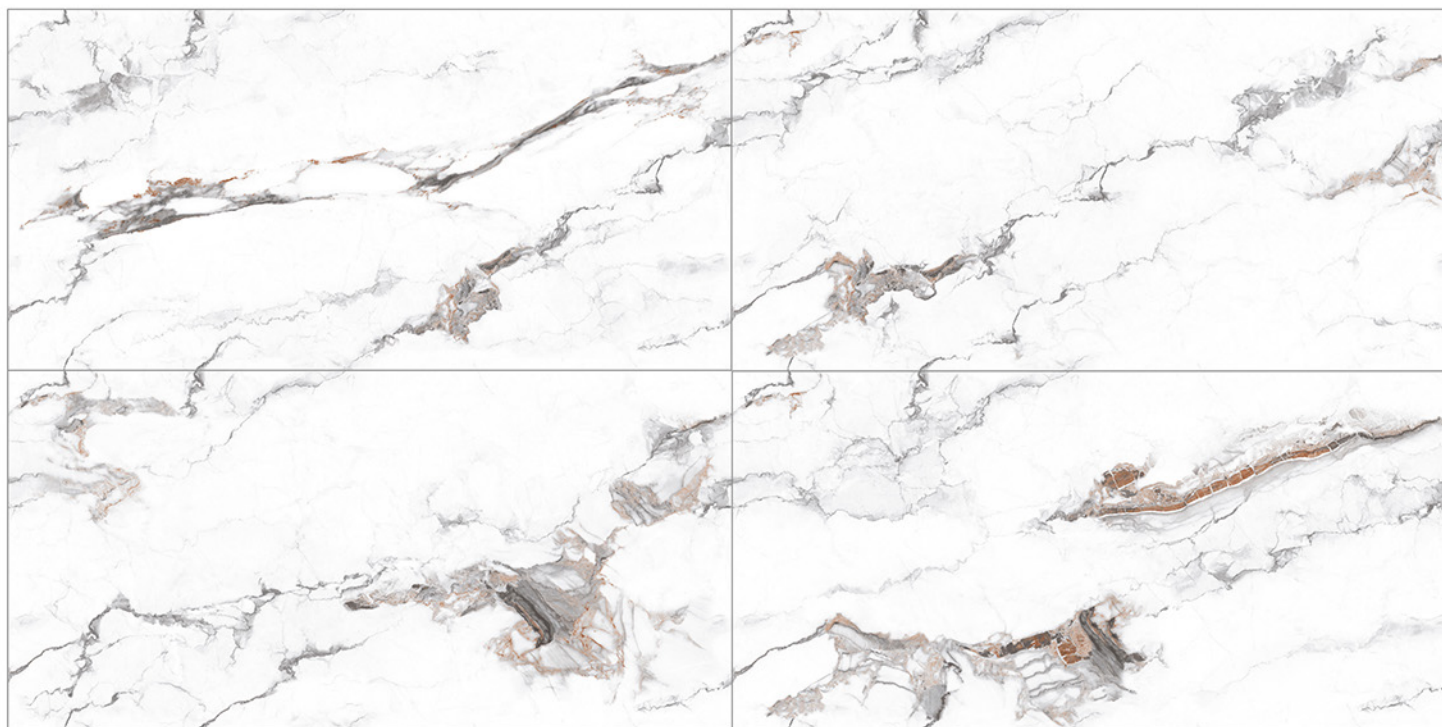
 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

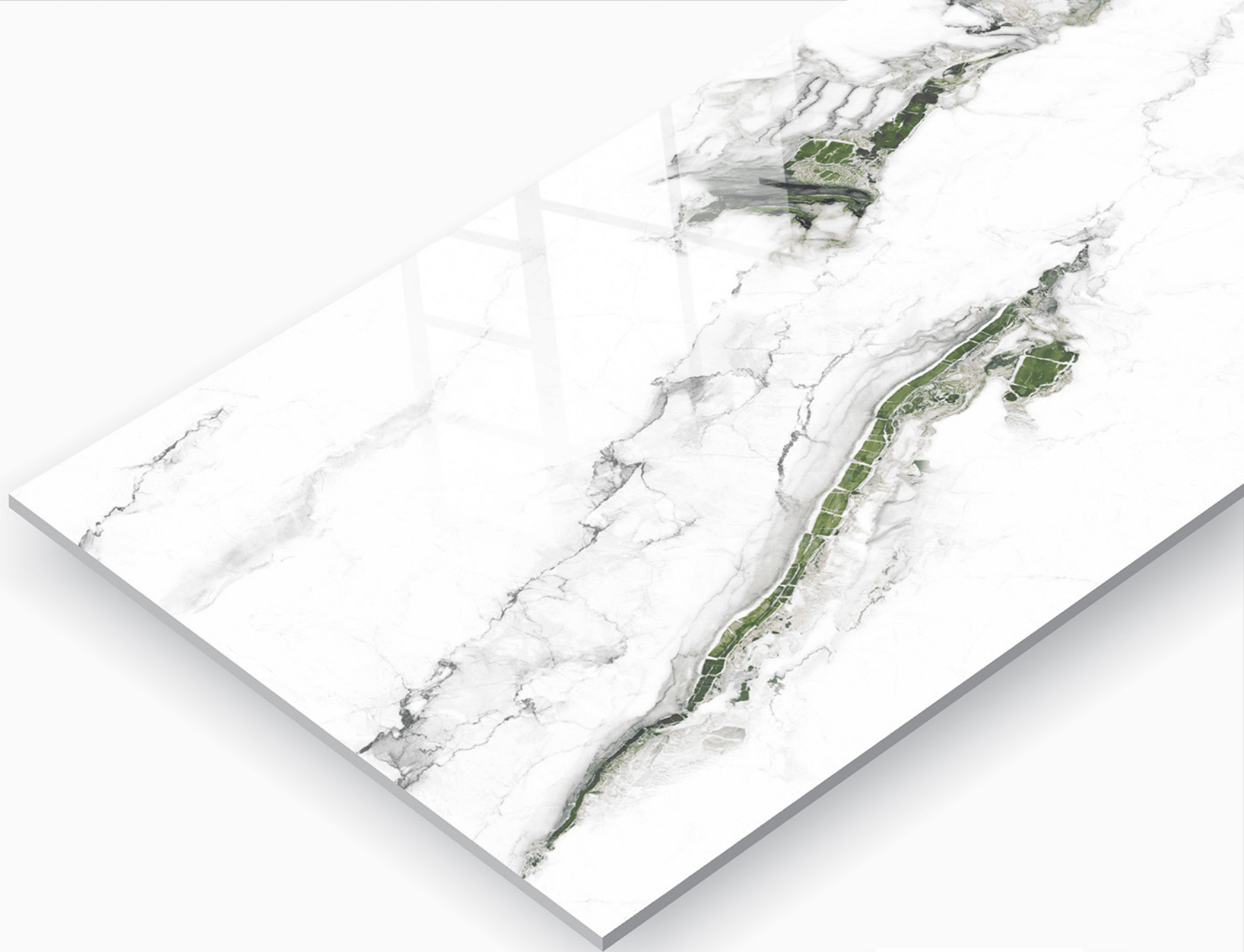
 RANDOM DESIGN

 LOW MAINTENANCE



**arklight
green**

**600x
1200mm**





CLASSIC
CERAMIC

**arklight
green**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



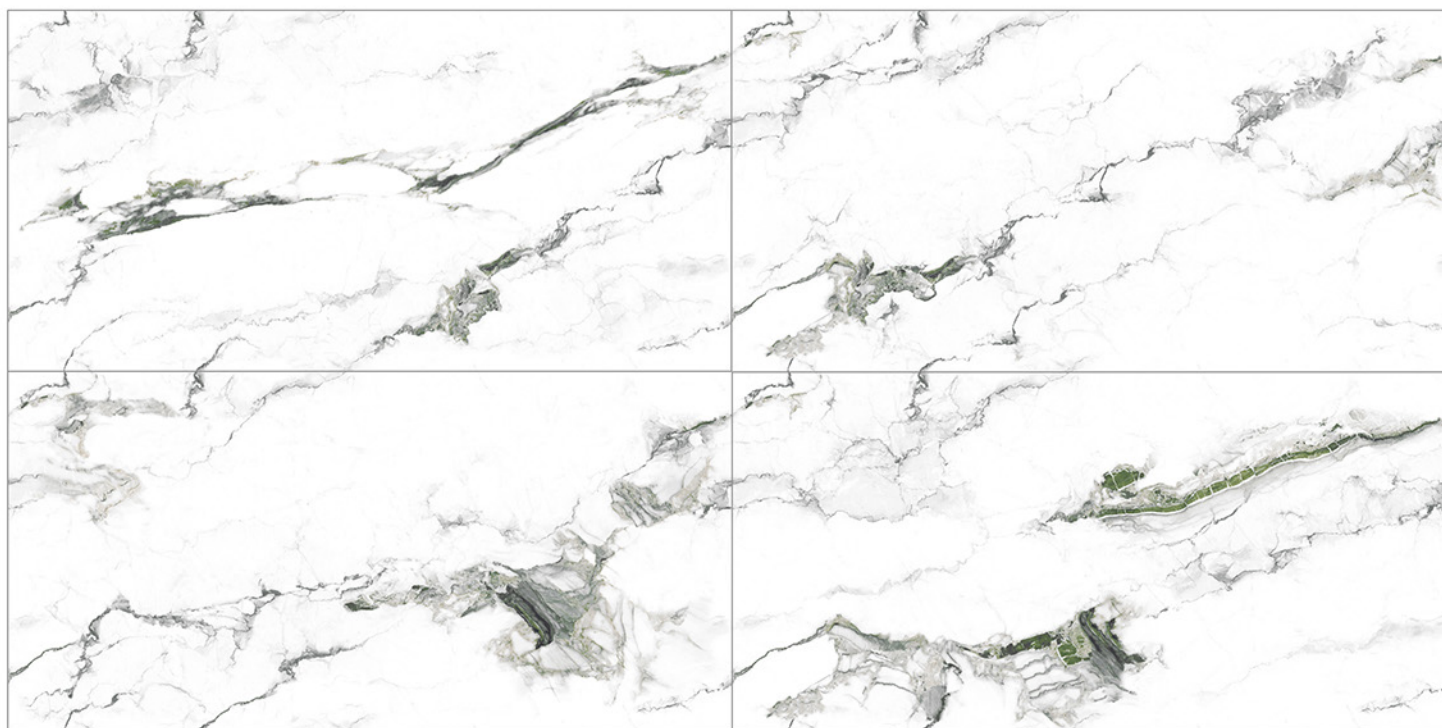
ECO FRIENDLY



RANDOM DESIGN

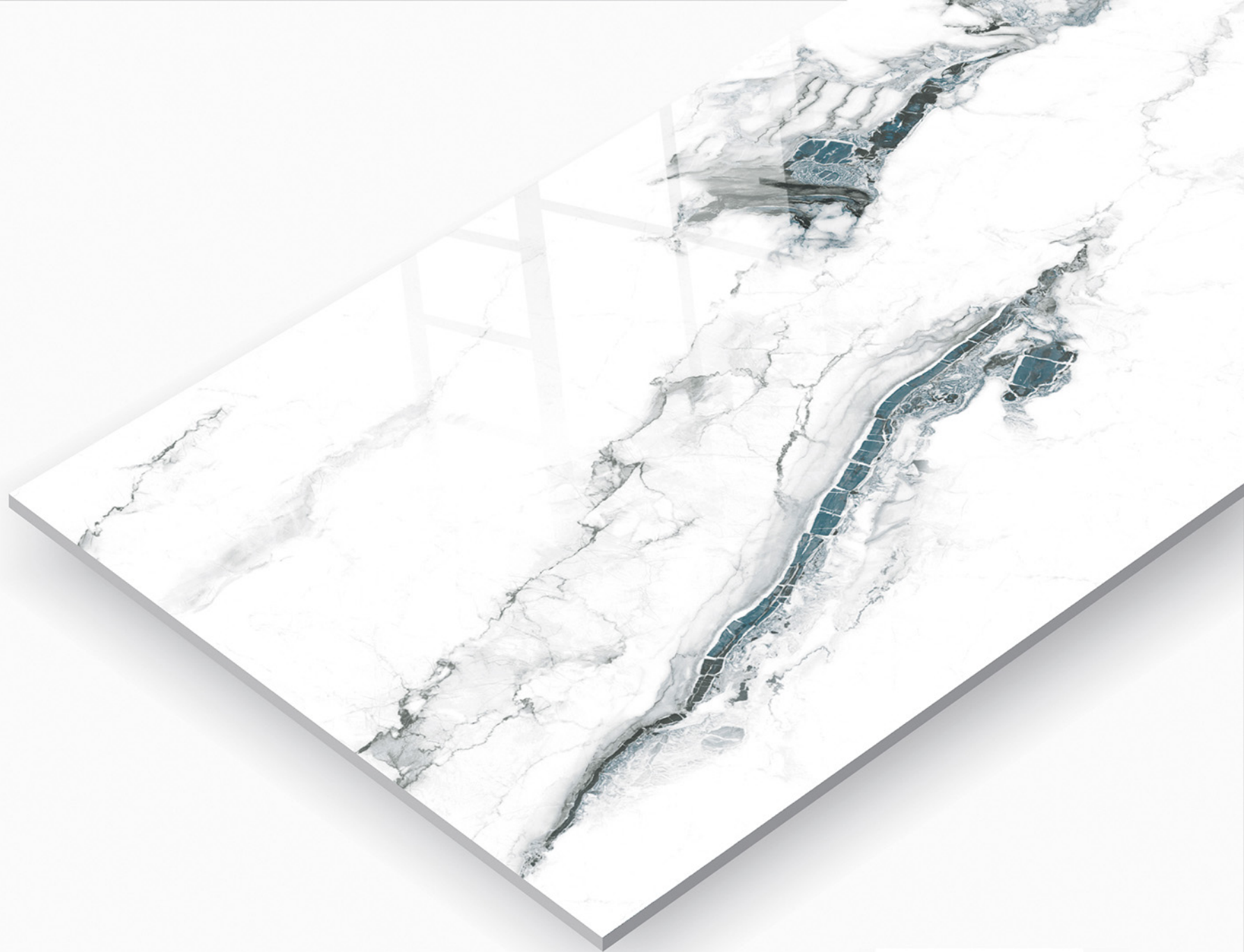


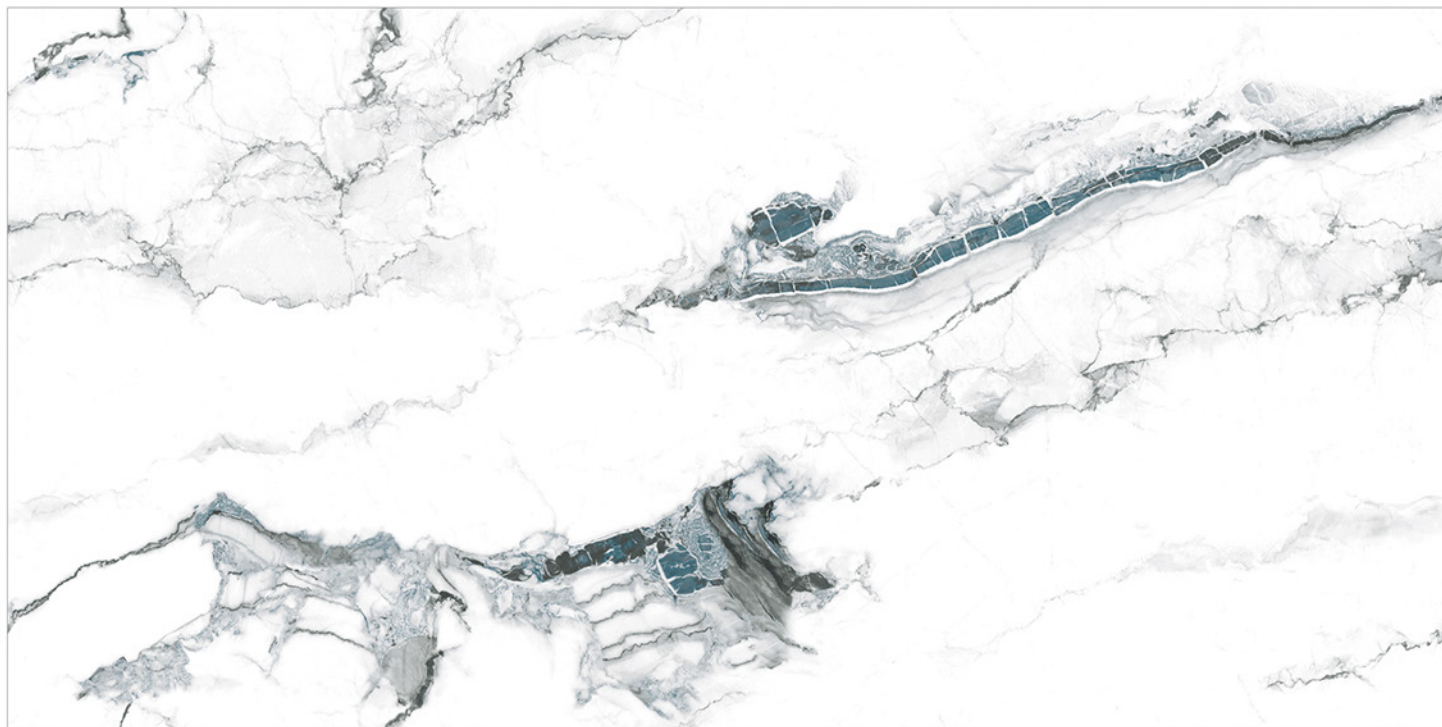
LOW MAINTENANCE



**arklight
ocean**

**600x
1200mm**





 **CLASSIC**
CERAMIC

arklight
ocean



endless
collection

600x
1200mm



 Finish: **GLOSSY**



HIGH STRENGTH



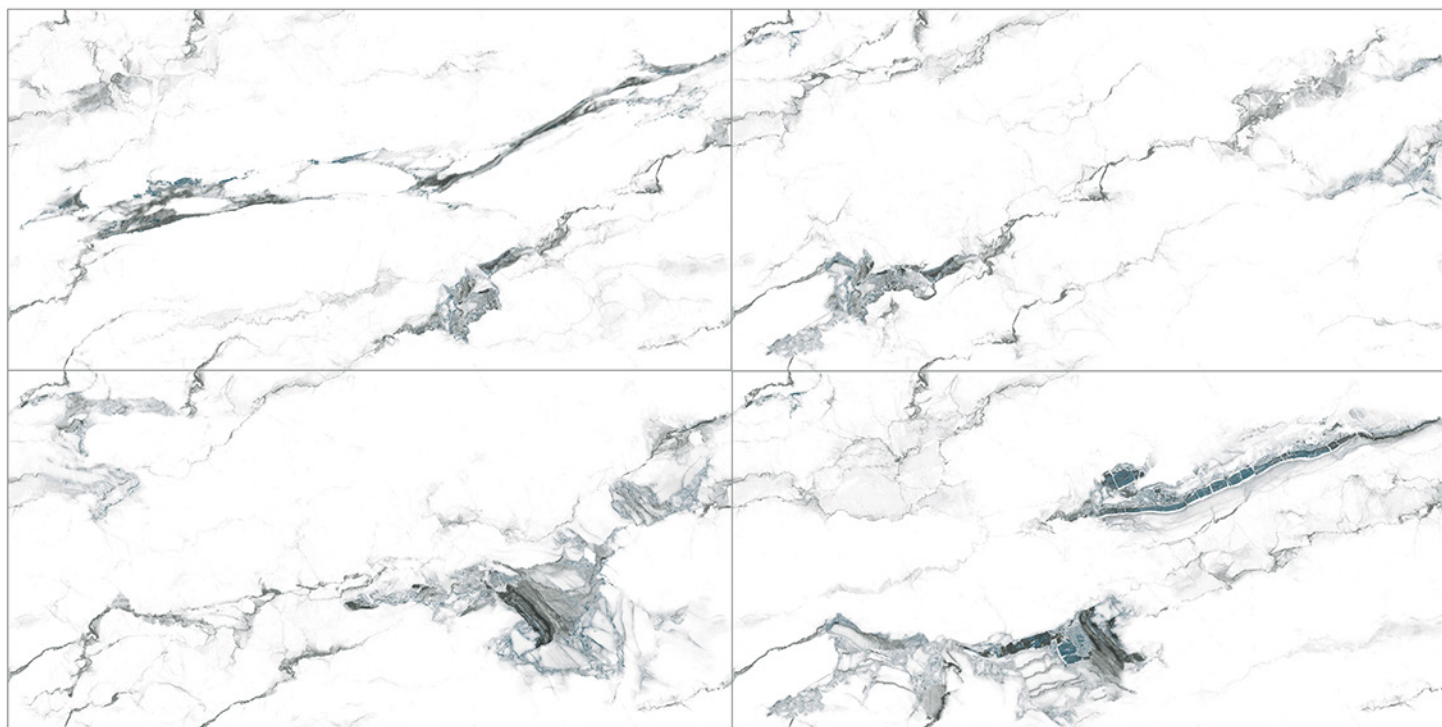
ECO FRIENDLY



RANDOM DESIGN

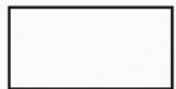


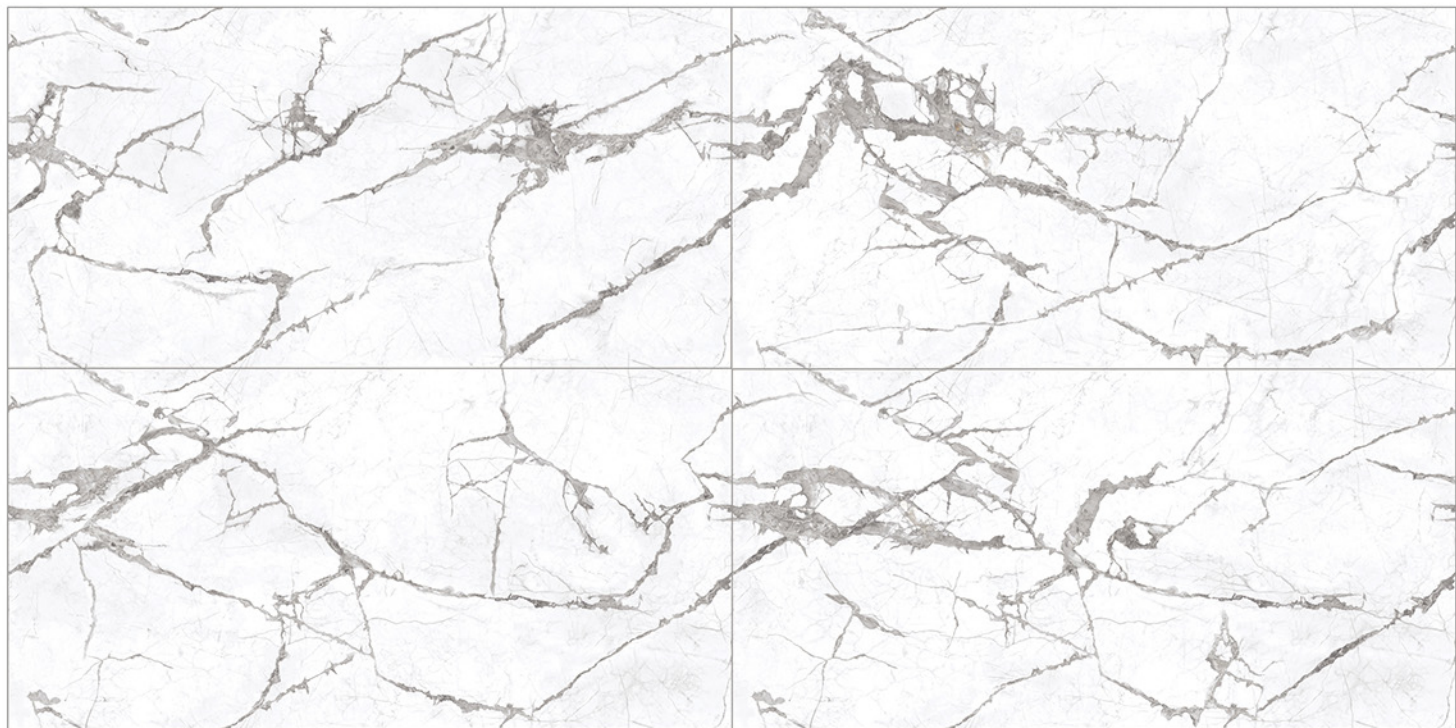
LOW MAINTENANCE



**invisible
flurry**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**invisible
furry**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



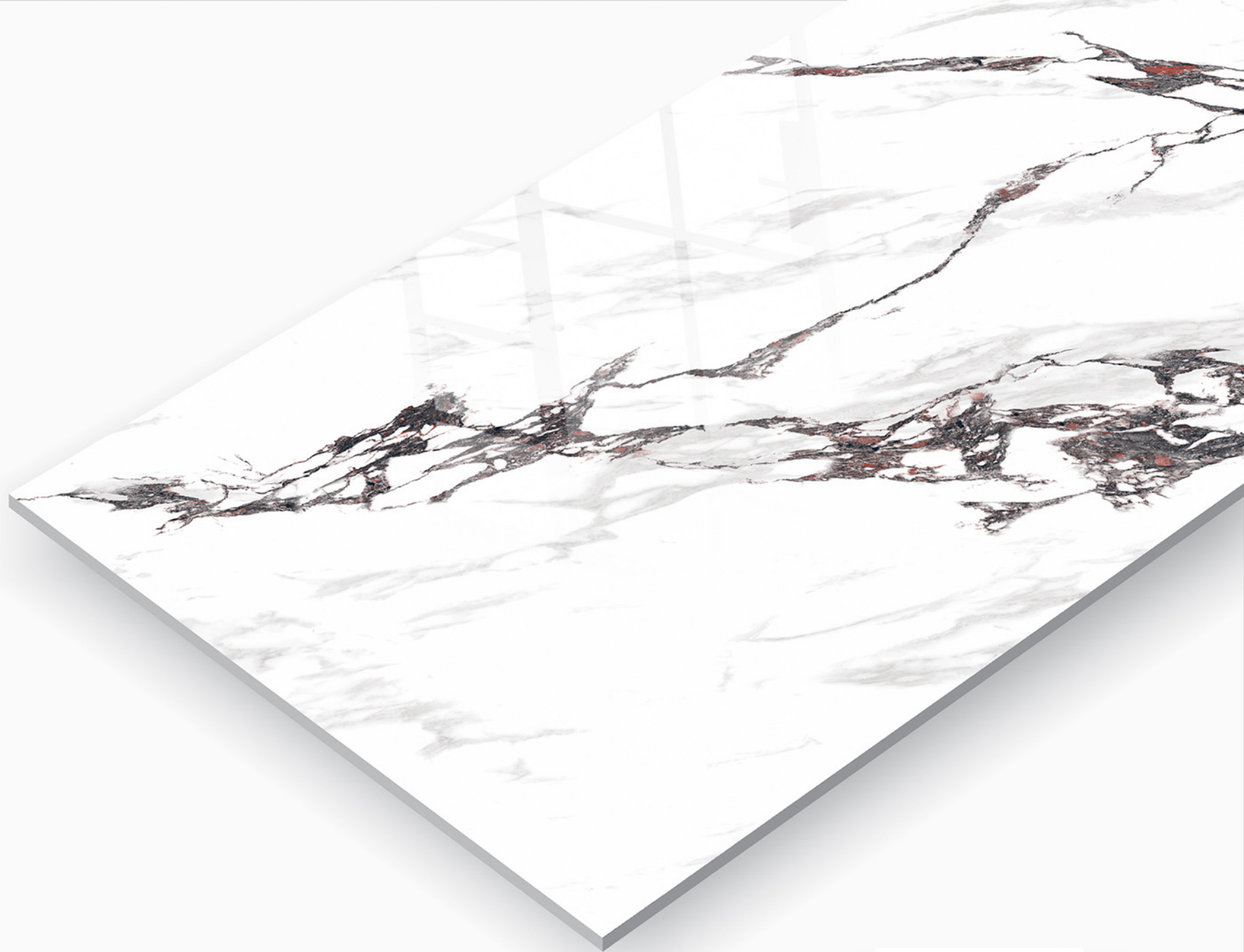
RANDOM DESIGN

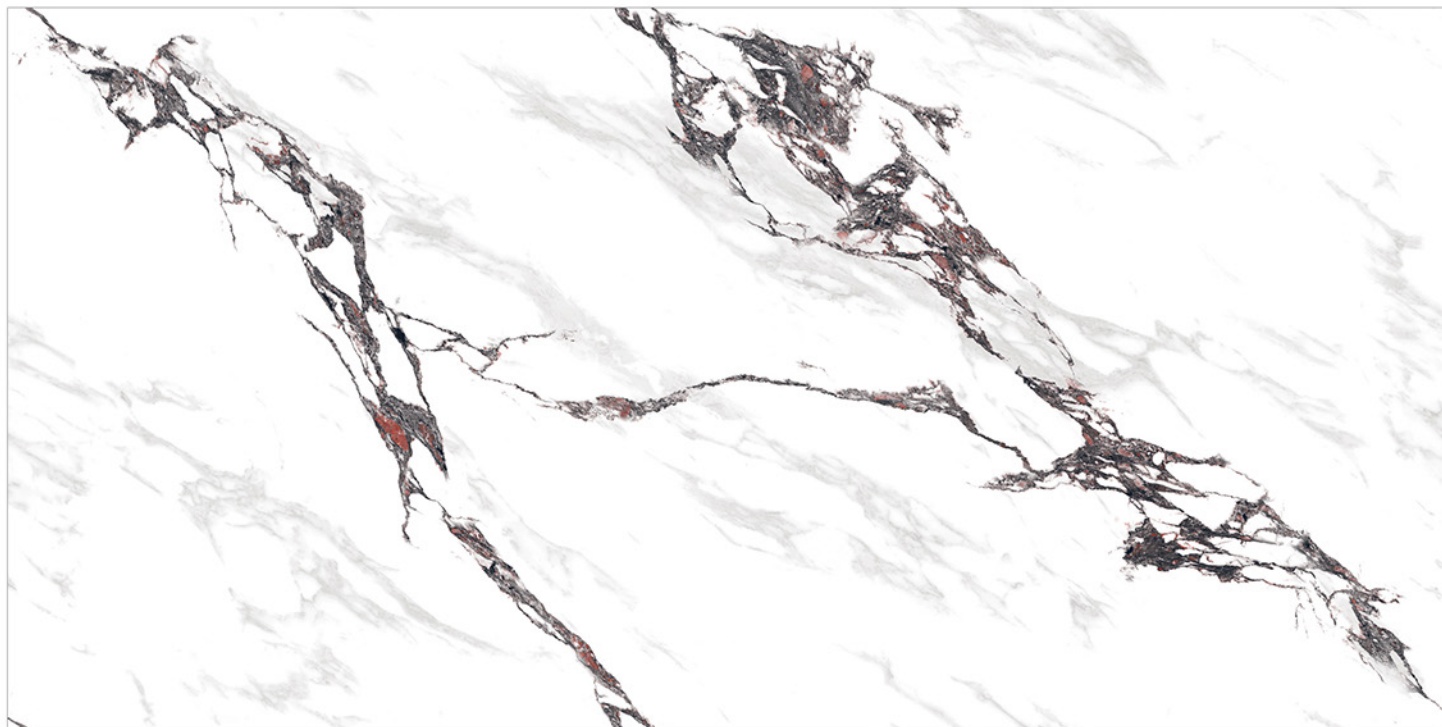


LOW MAINTENANCE

**arrako
carrara**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**arrako
carrara**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



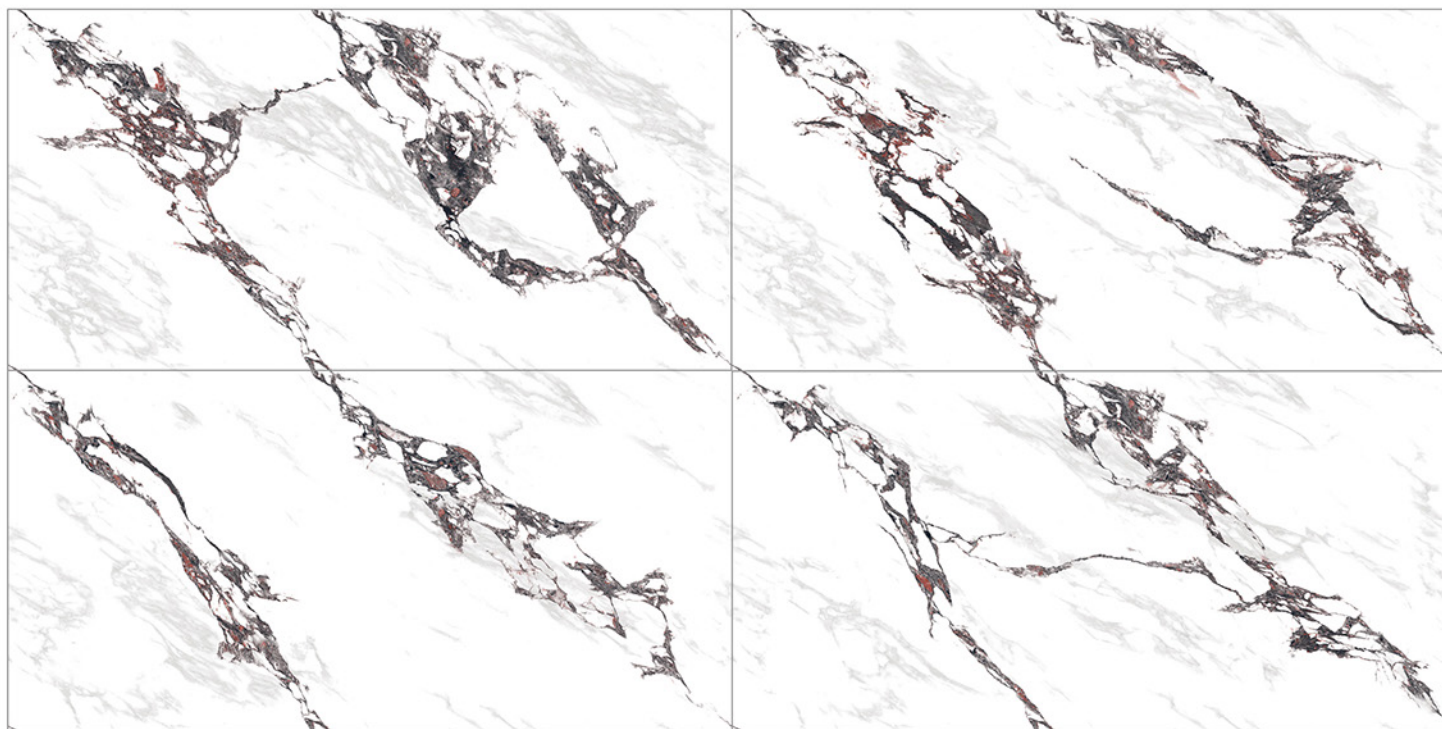
ECO FRIENDLY



RANDOM DESIGN

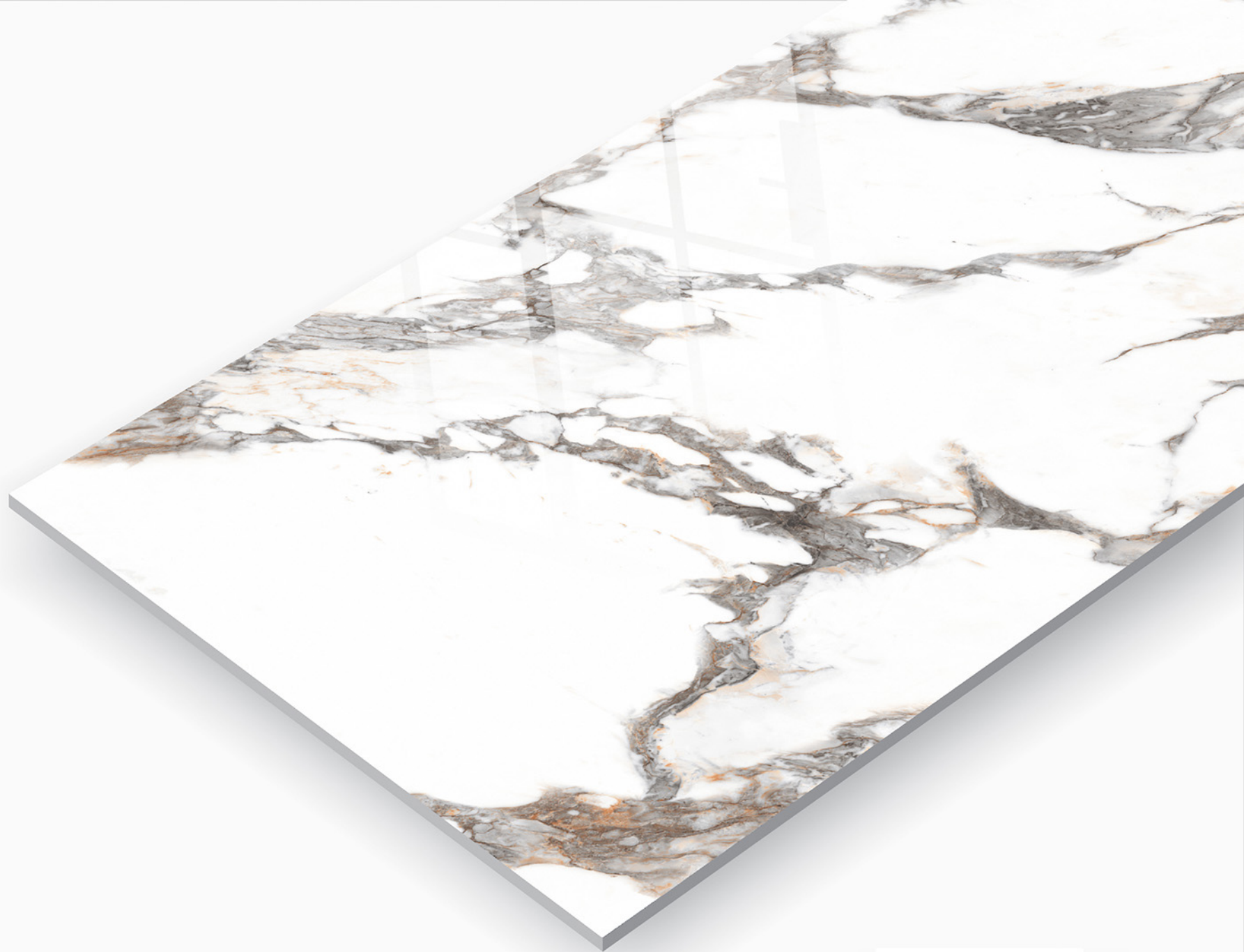


LOW MAINTENANCE



**sivec
carrara**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**sivec
carrara**



endless
collection

**600x
1200mm**



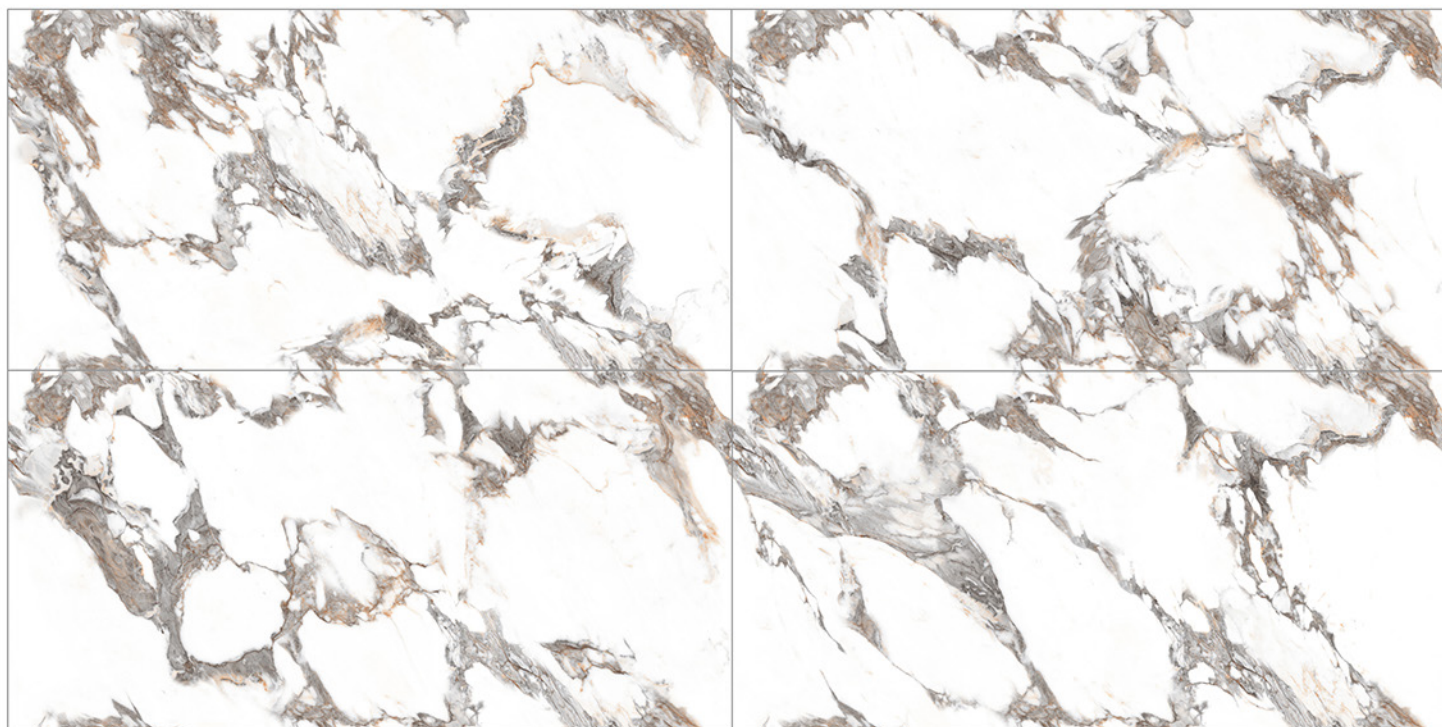
 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE





**astras
white**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**astras
white**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



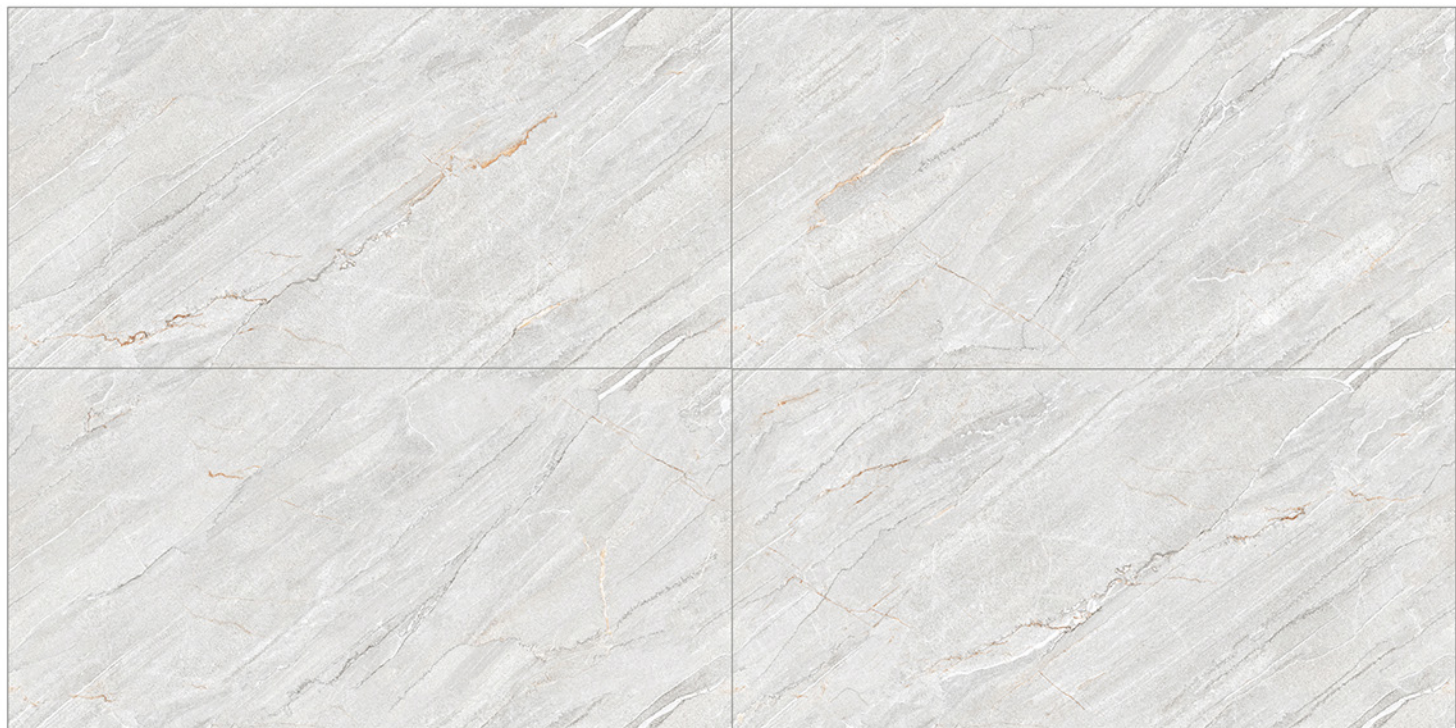
LOW MAINTENANCE



**bruce
silver**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**bruce
silver**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN

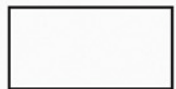


LOW MAINTENANCE



**flority
onyx**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**flority
onyx**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



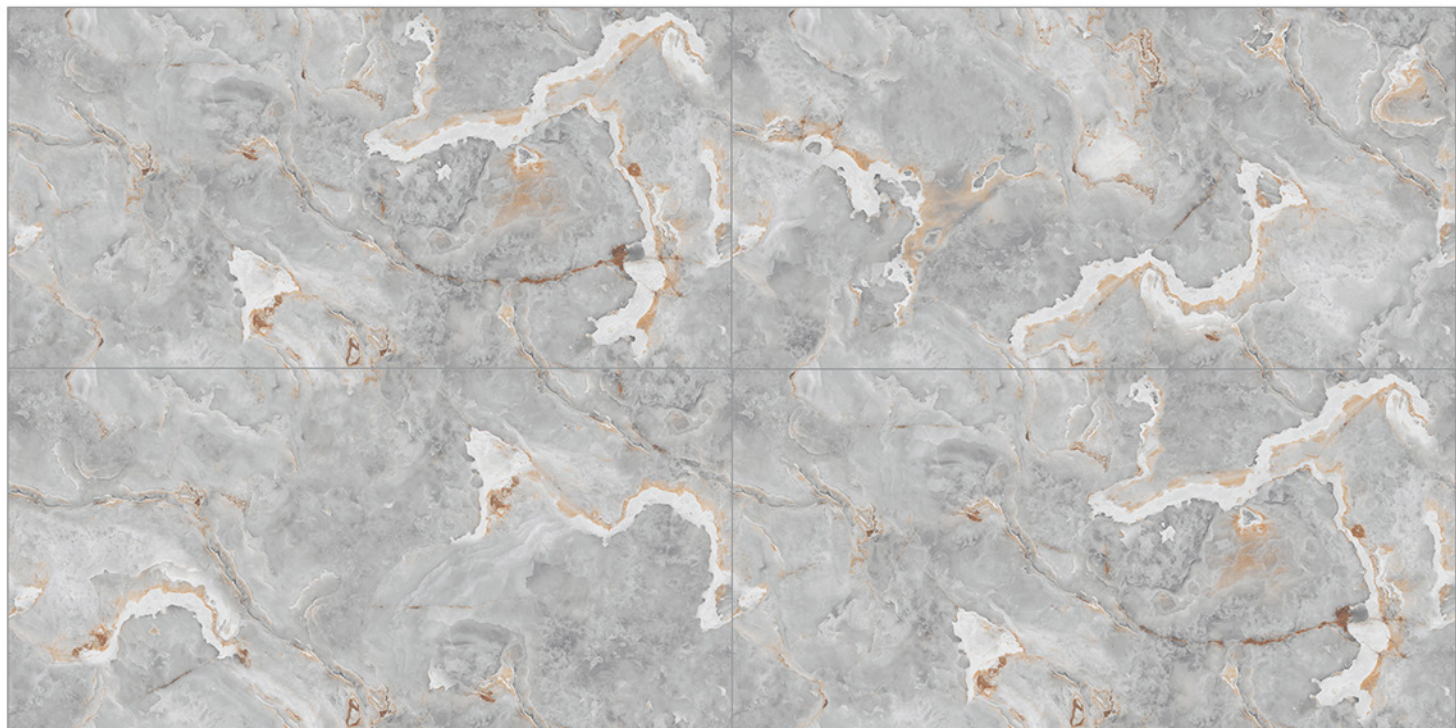
LOW MAINTENANCE



**adios
onyx**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**adios
onyx**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

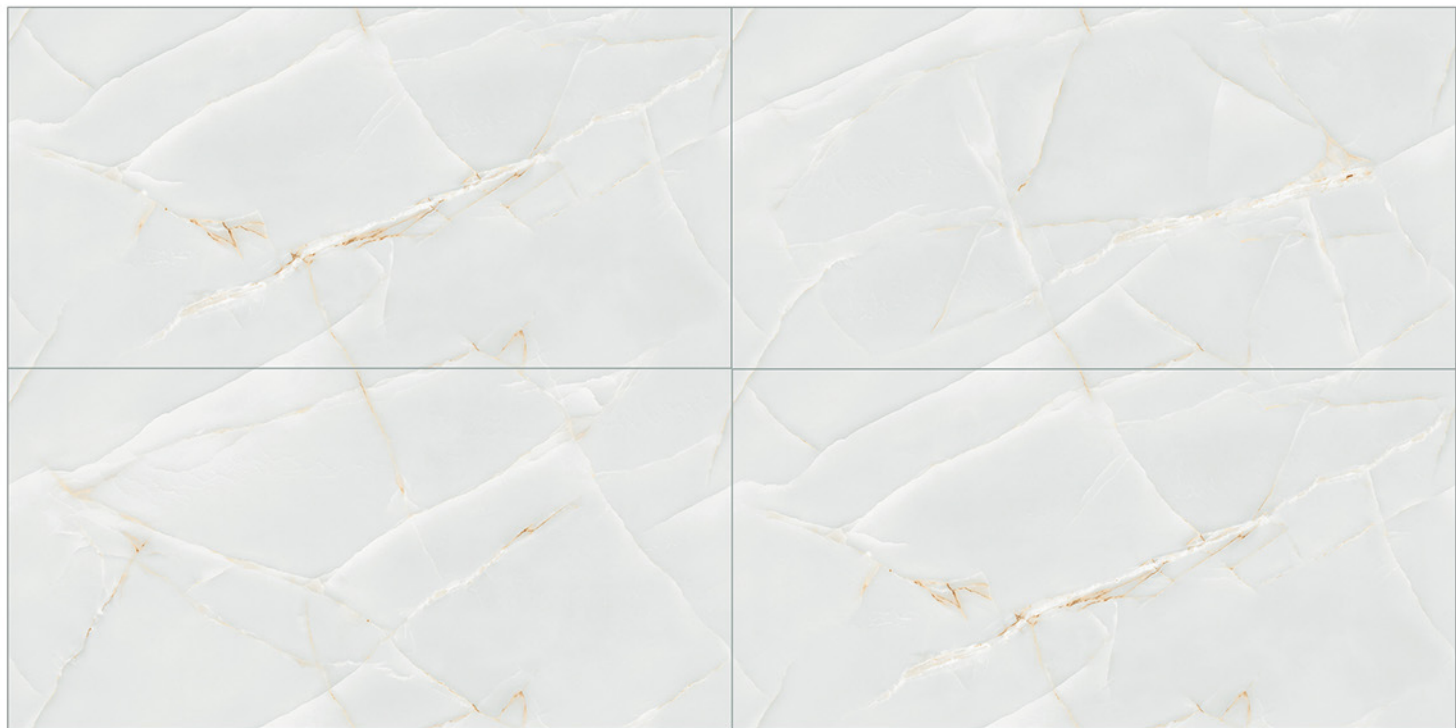
 LOW MAINTENANCE



**midnight
onyx**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**midnight
onyx**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**lunar
white**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**lunar
white**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE





**acura
gris**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**acura
gris**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE

**acura
taupe**

**600x
1200mm**





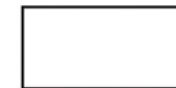
 **CLASSIC**
CERAMIC

**acura
taupe**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**crips
beige**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**crips
beige**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**crisps
white**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**crips
white**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**critica
bone**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**critica
bone**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**critica
silver**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**critica
silver**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**karnova
beige**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**karnova
beige**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**karnova
fossil**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**karnova
fossil**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**novello
snowash**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**novello
snowash**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE

**silverado
grey**



**600x
1200mm**





 **CLASSIC**
CERAMIC

**silverado
grey**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



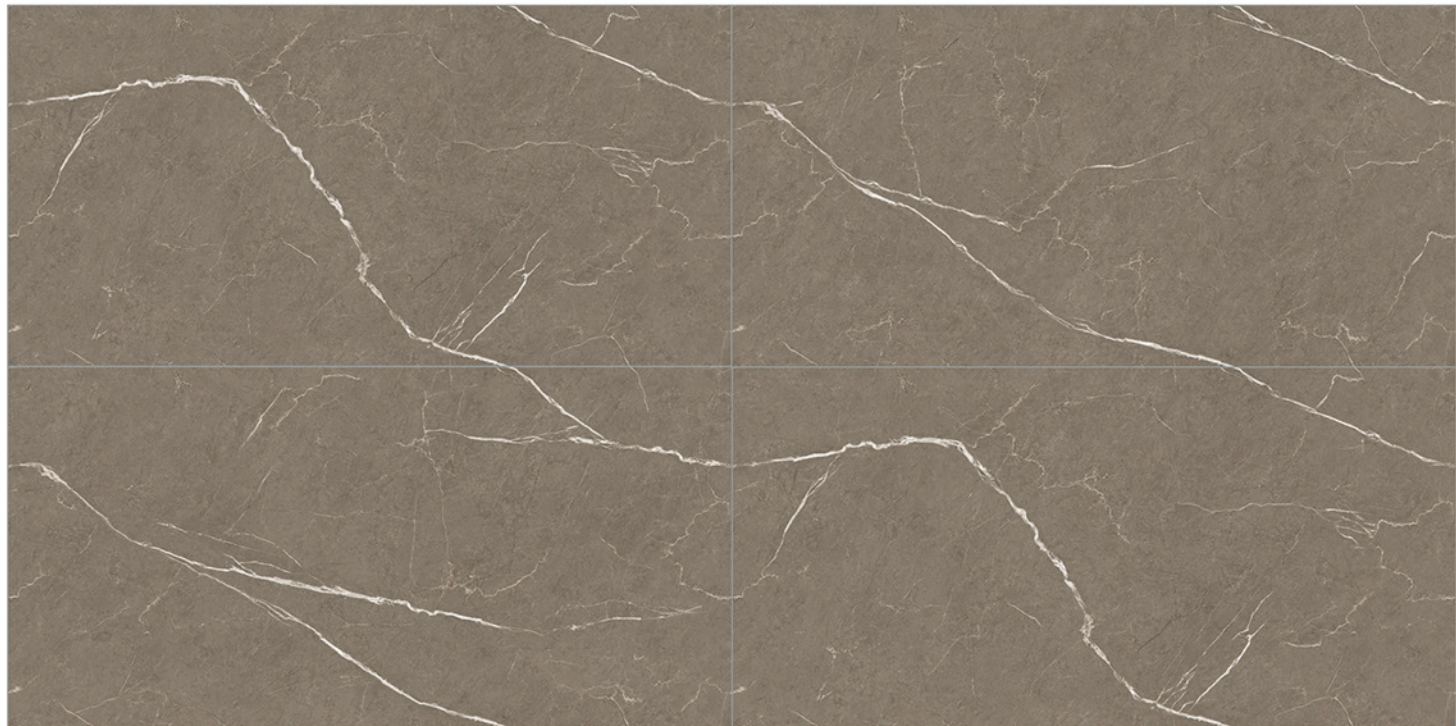
LOW MAINTENANCE



**frosty
brown**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**frosty
brown**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**frosty
crema**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**frosty
crema**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



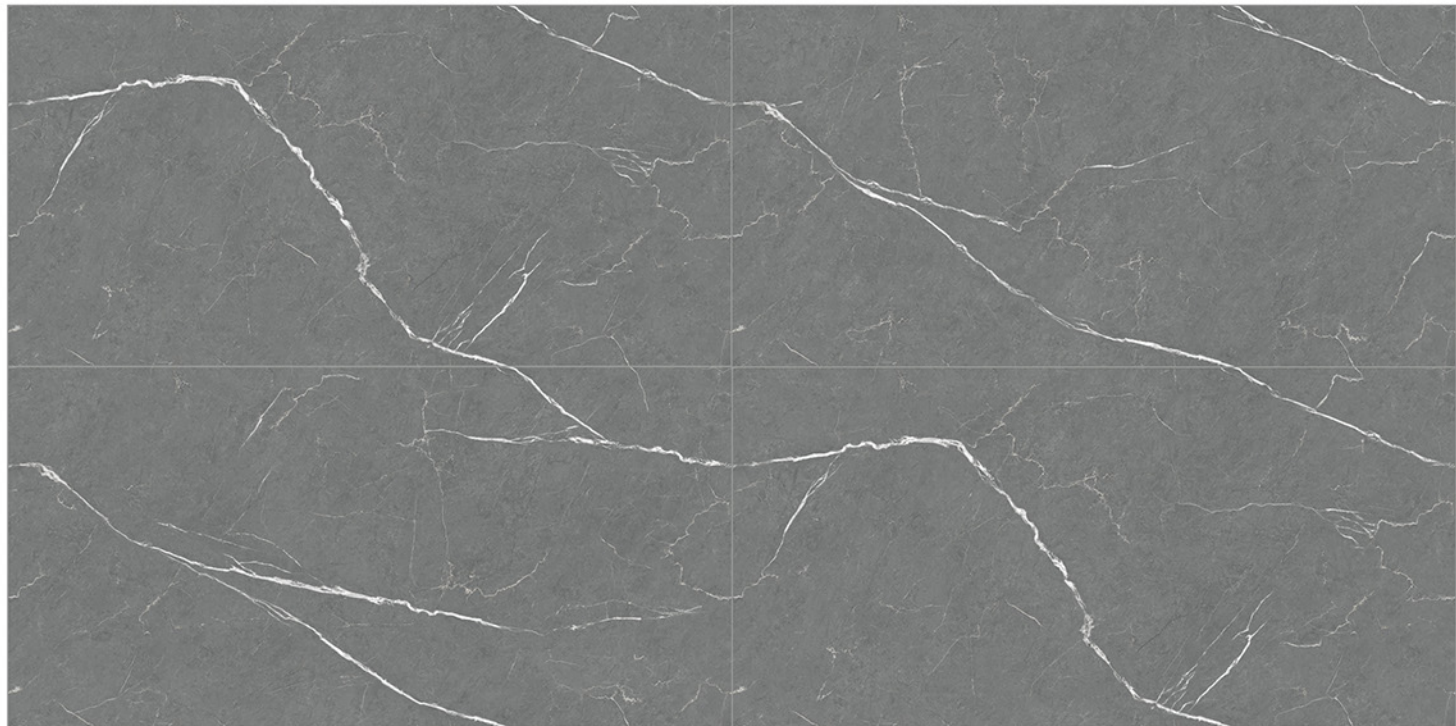
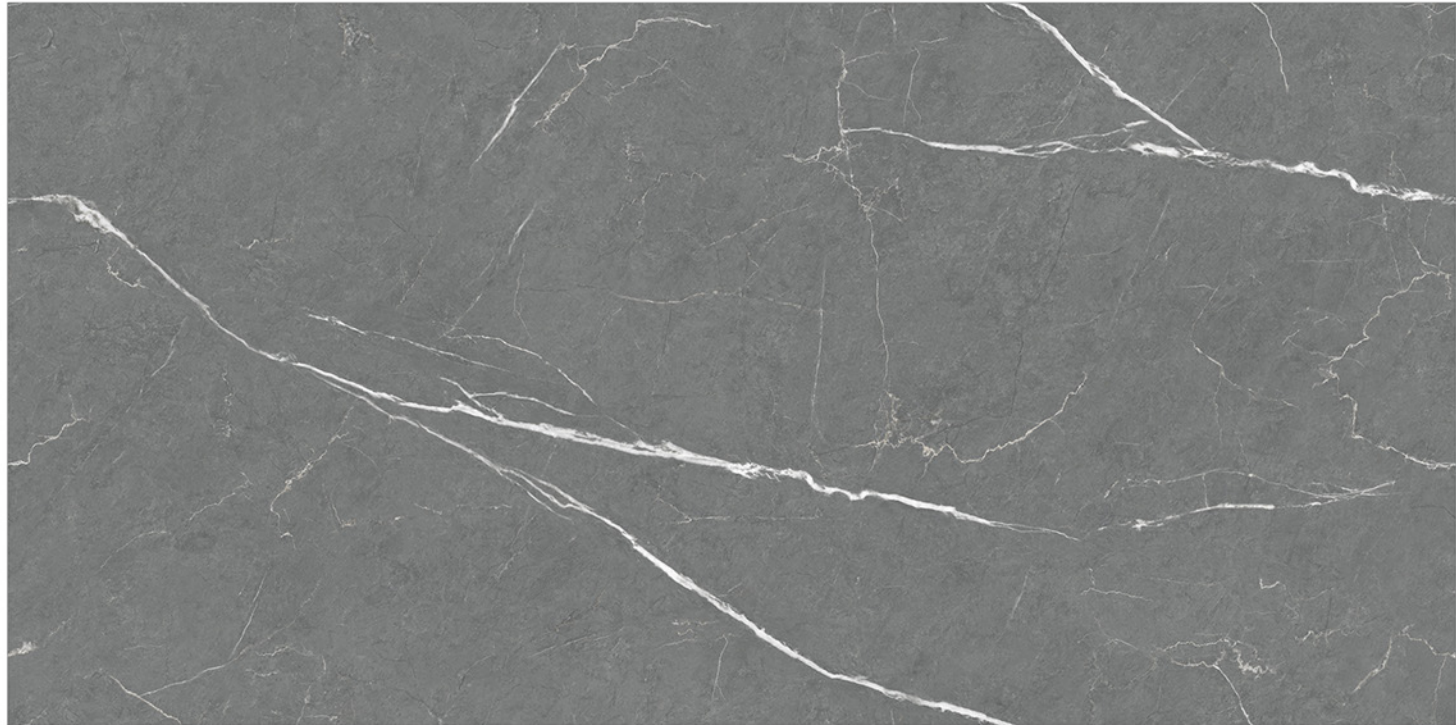
LOW MAINTENANCE



**frosty
graphite**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**frosty
graphite**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



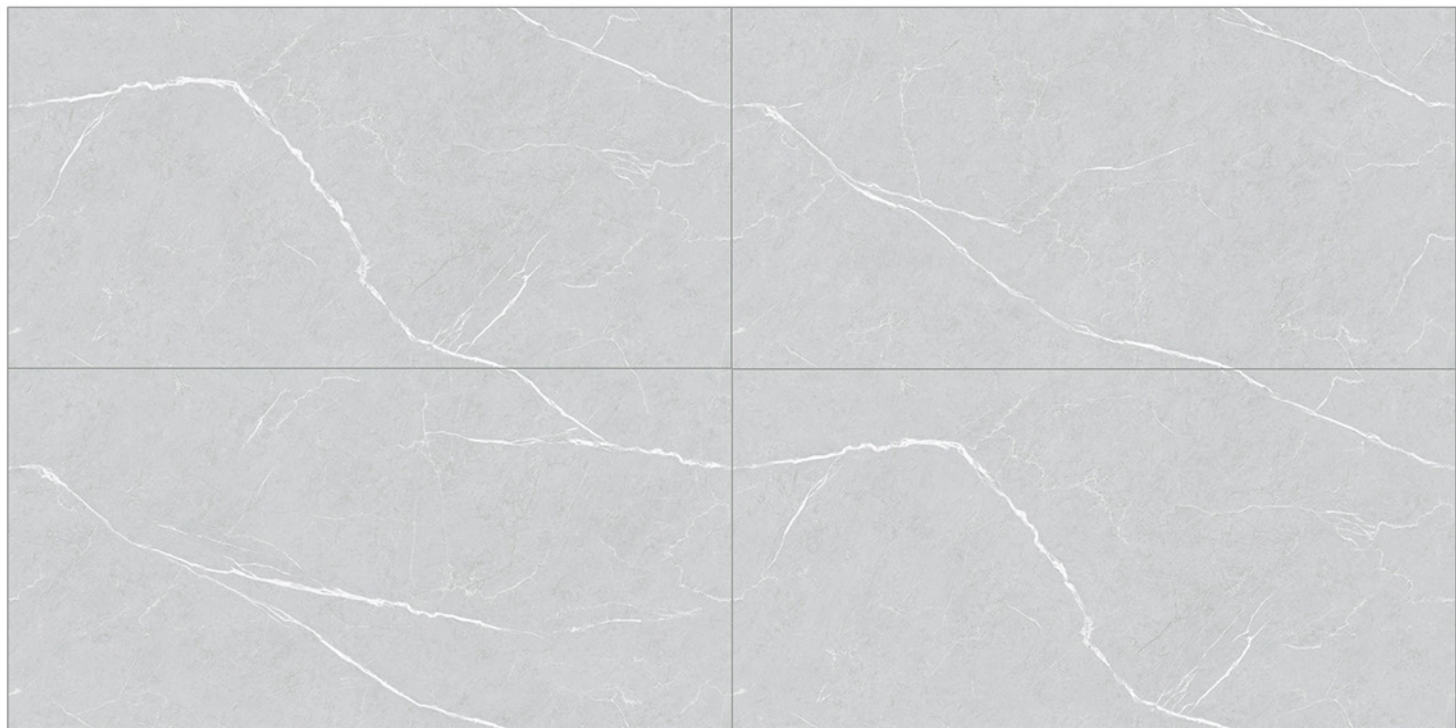
LOW MAINTENANCE



**frosty
silver**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**frosty
silver**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**gracia
grey**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**gracia
grey**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**gracia
white**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**gracia
white**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**bigwing
gris**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**bigwing
gris**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**bigwing
white**

**600x
1200mm**



**bigwing
white**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE

**benburg
ice**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**benburg
ice**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**gosfil
brown**



**600x
1200mm**





 **CLASSIC**
CERAMIC

**gosfil
brown**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE

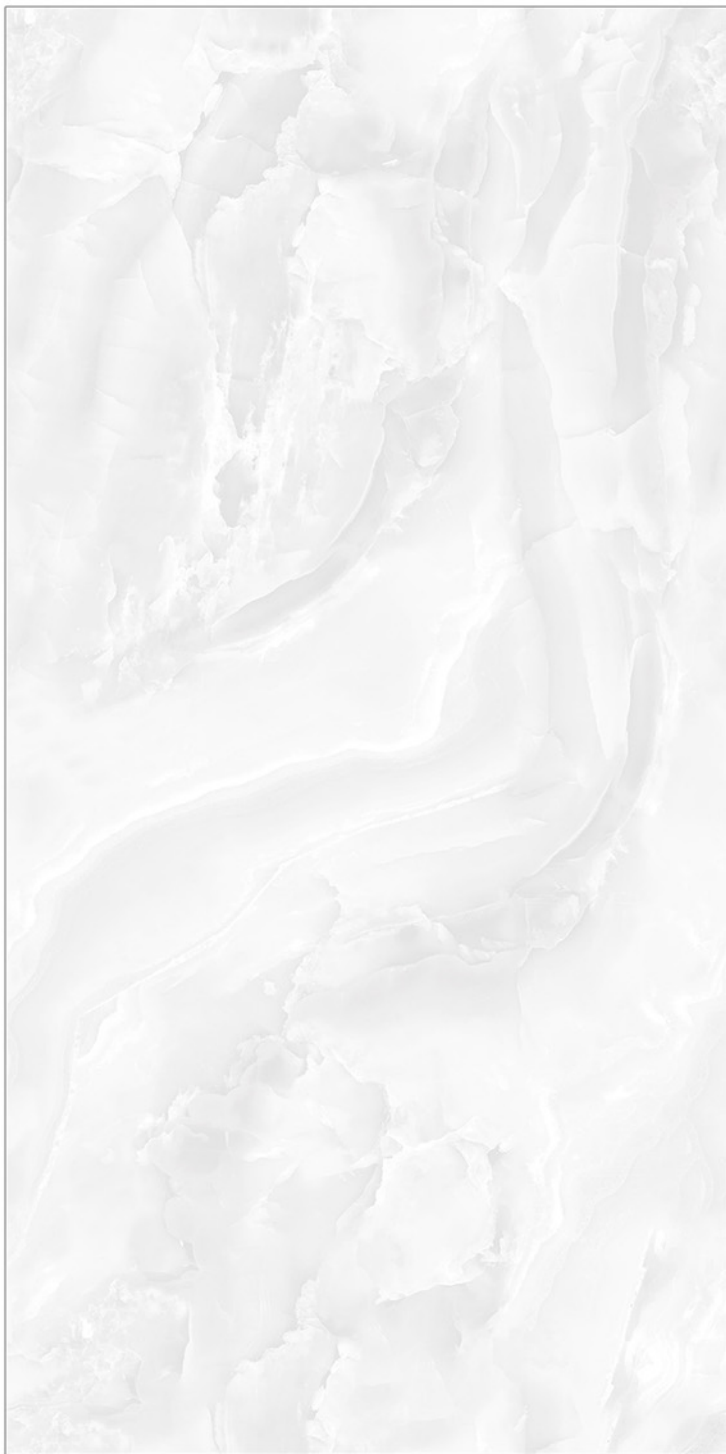


**rhinonyx
white**



**600x
1200mm**





 **CLASSIC**
CERAMIC

rhinonyx
white



endless
collection

600x
1200mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**sautos
milky**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**sautos
milky**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE

**paullo
silver**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**paullo
silver**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN

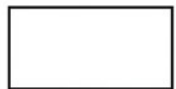


LOW MAINTENANCE



**cemania
crema**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**cemania
crema**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**cemania
silver**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**cemania
silver**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE

**daina
supremo**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**daino
supremo**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**dorado
grey**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**dorado
grey**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**gamlin
grey**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**gamlin
grey**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**havana
crema**



**600x
1200mm**





 **CLASSIC**
CERAMIC

**havana
crema**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**hebdon
crema**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**hebdon
crema**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**pizori
grey**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**pizori
grey**



endless
collection

**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



**solvenia
grey**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**solvenia
grey**



endless
collection

**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE

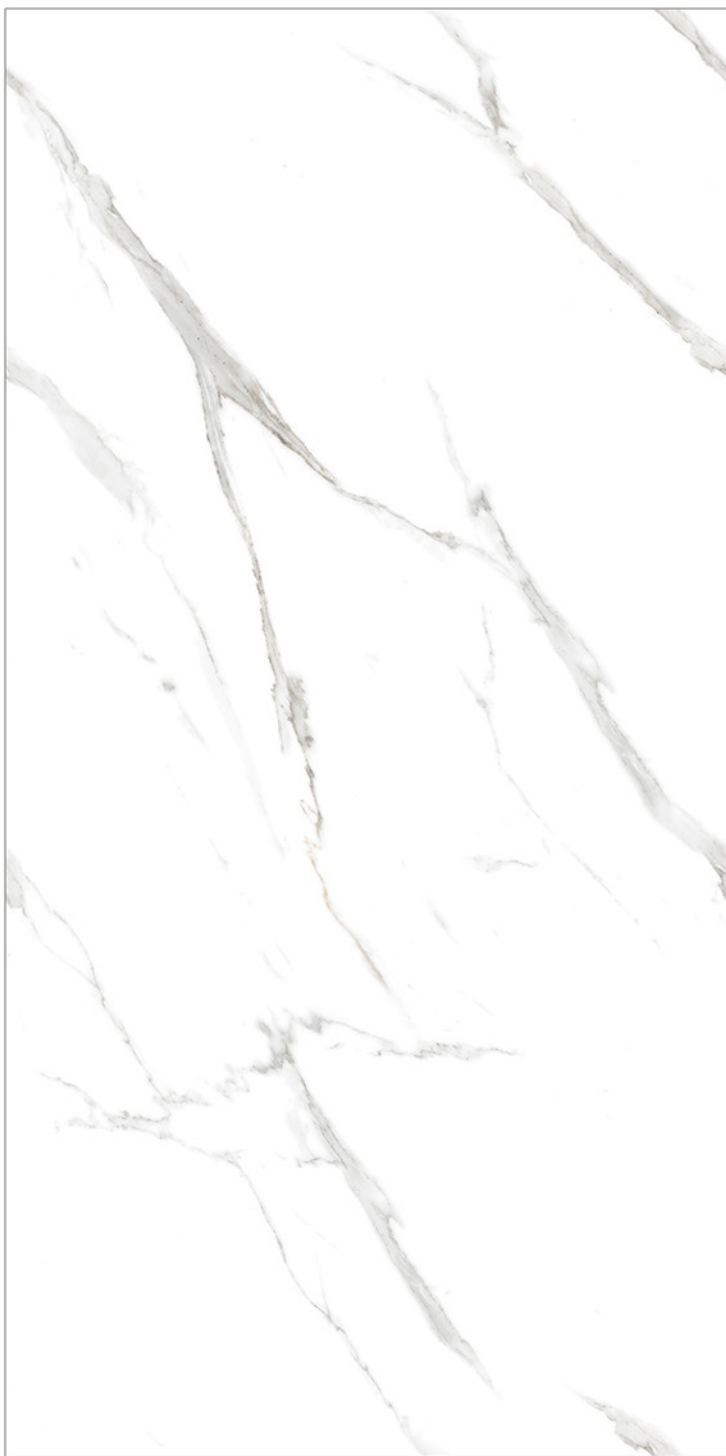


**bonica
carrara**



**600x
1200mm**





 **CLASSIC**
CERAMIC

**bonica
carrara**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



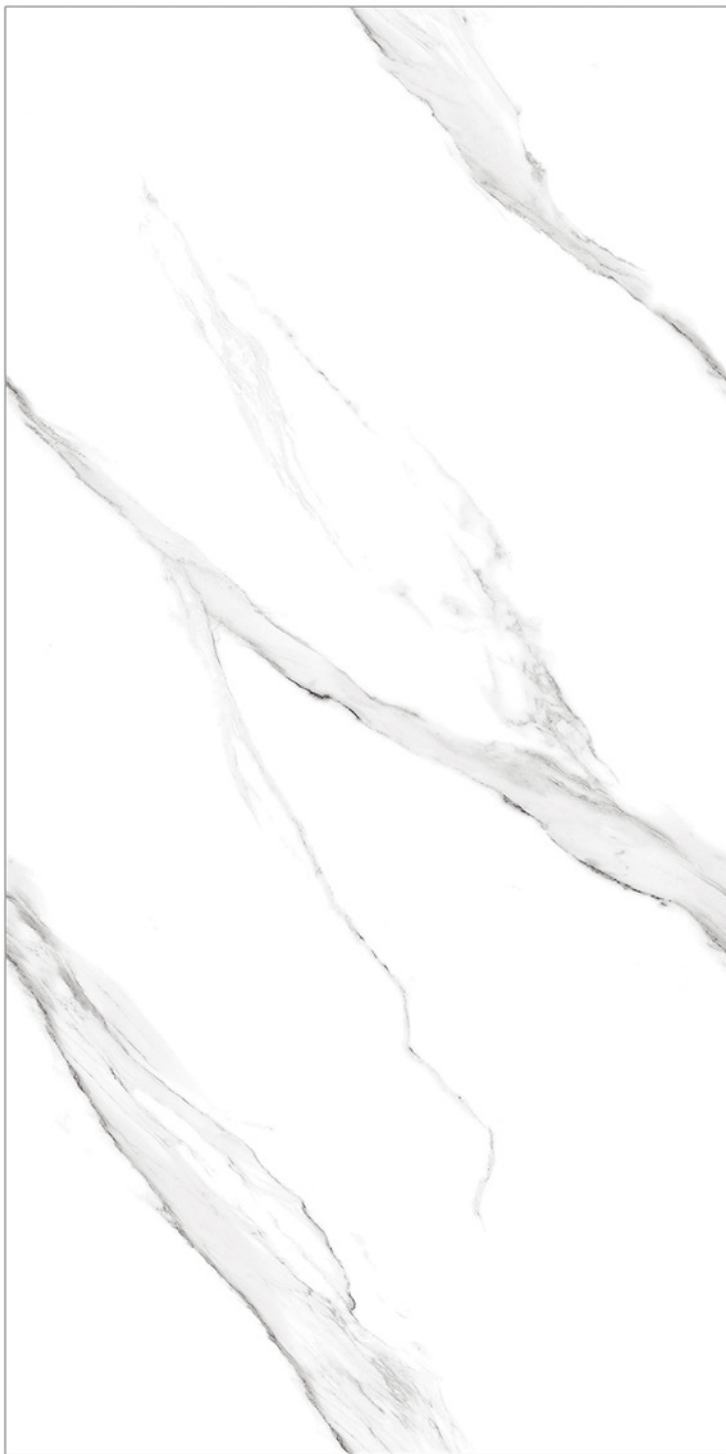
LOW MAINTENANCE



**coralito
carrara**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**coralito
carrara**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

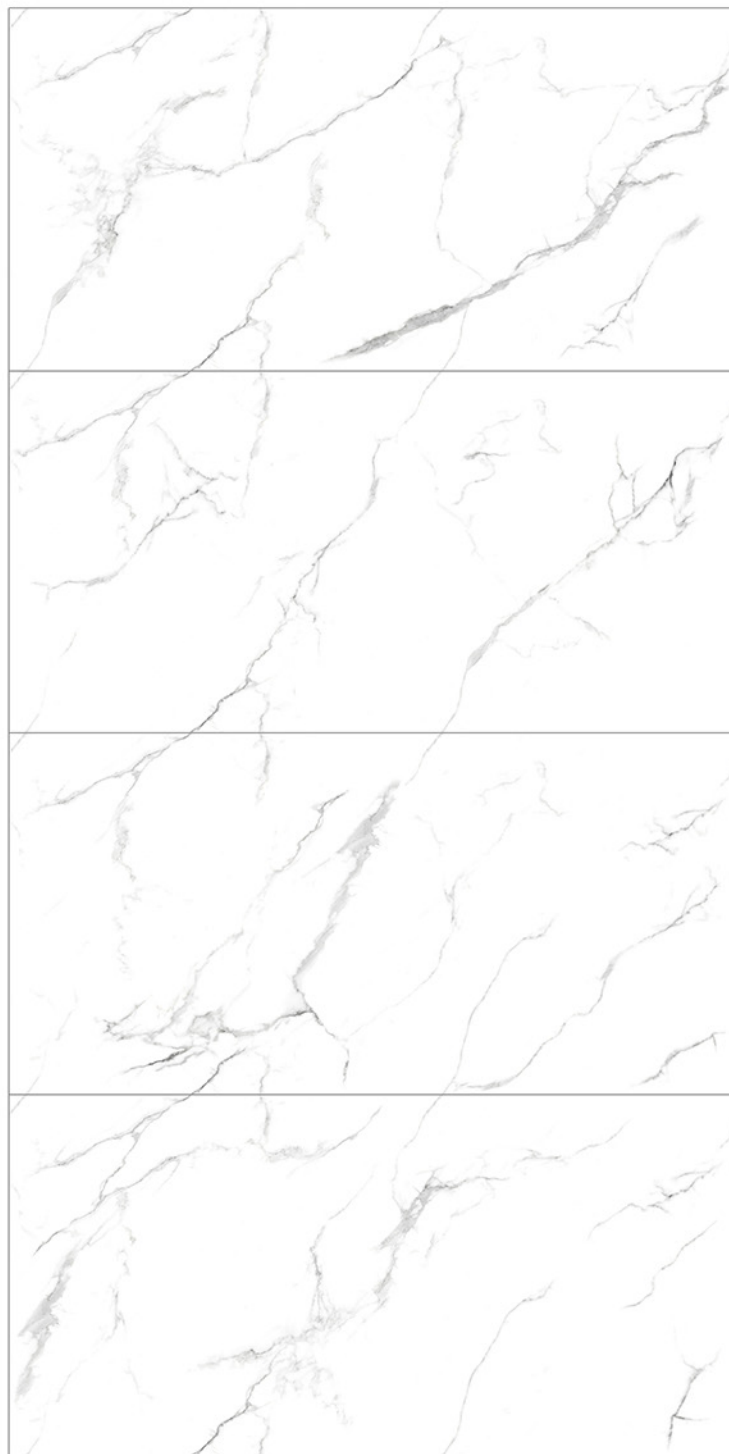
 LOW MAINTENANCE



**marinace
statuario**

**600x
1200mm**





 **CLASSIC**
CERAMIC

marinace statuario



**600x
1200mm**



 Finish: **GLOSSY**

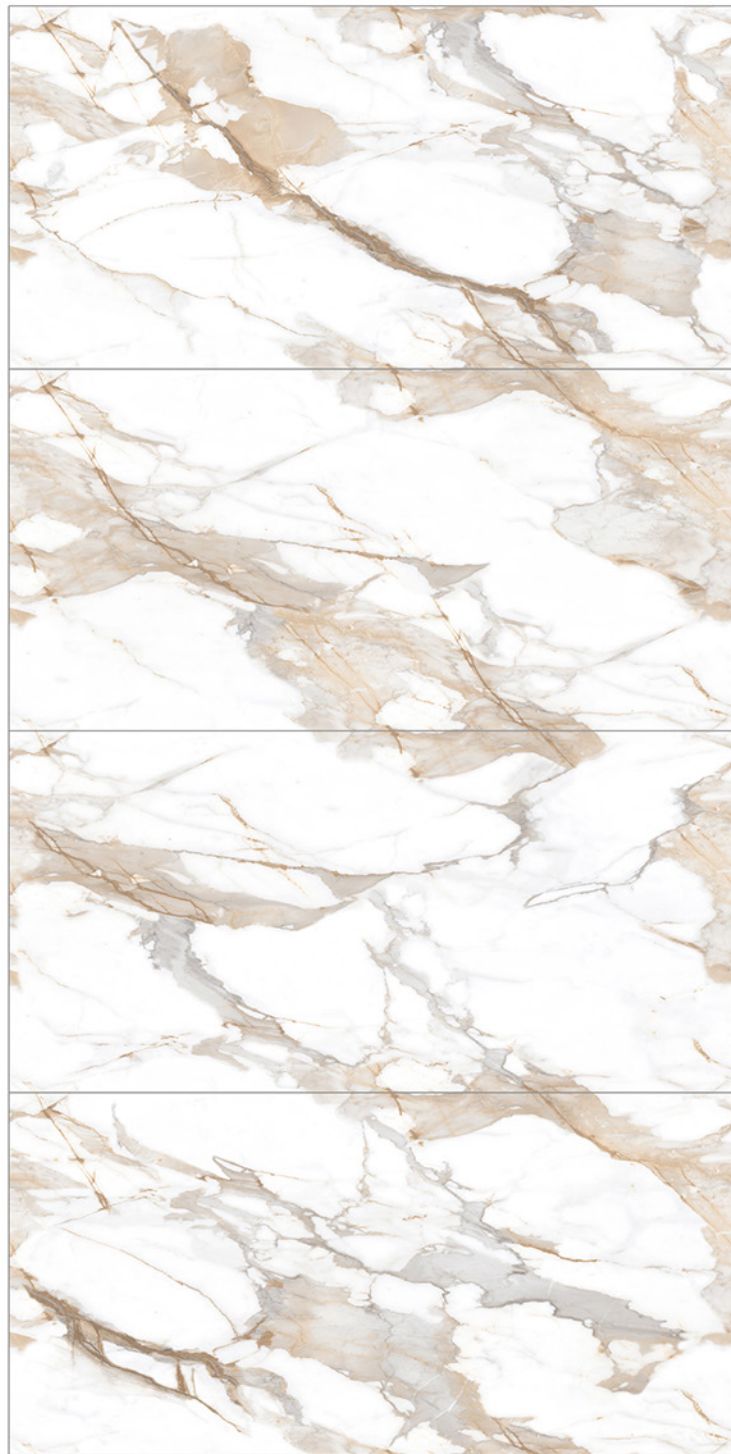




**melita
carrara**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**melita
carrara**



**600x
1200mm**



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



**indio onyx
grey**



**600x
1200mm**





 **CLASSIC**
CERAMIC

**indio onyx
grey**



**600x
1200mm**



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE

**beverelly
beige**



**600x
1200mm**





 **CLASSIC**
CERAMIC

**beverelly
beige**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE

**cohiba
natural**



**600x
1200mm**





 **CLASSIC**
CERAMIC

**cohiba
natural**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE

**levante
botticiano**

**600x
1200mm**





 **CLASSIC**
CERAMIC

levante botticiano



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY

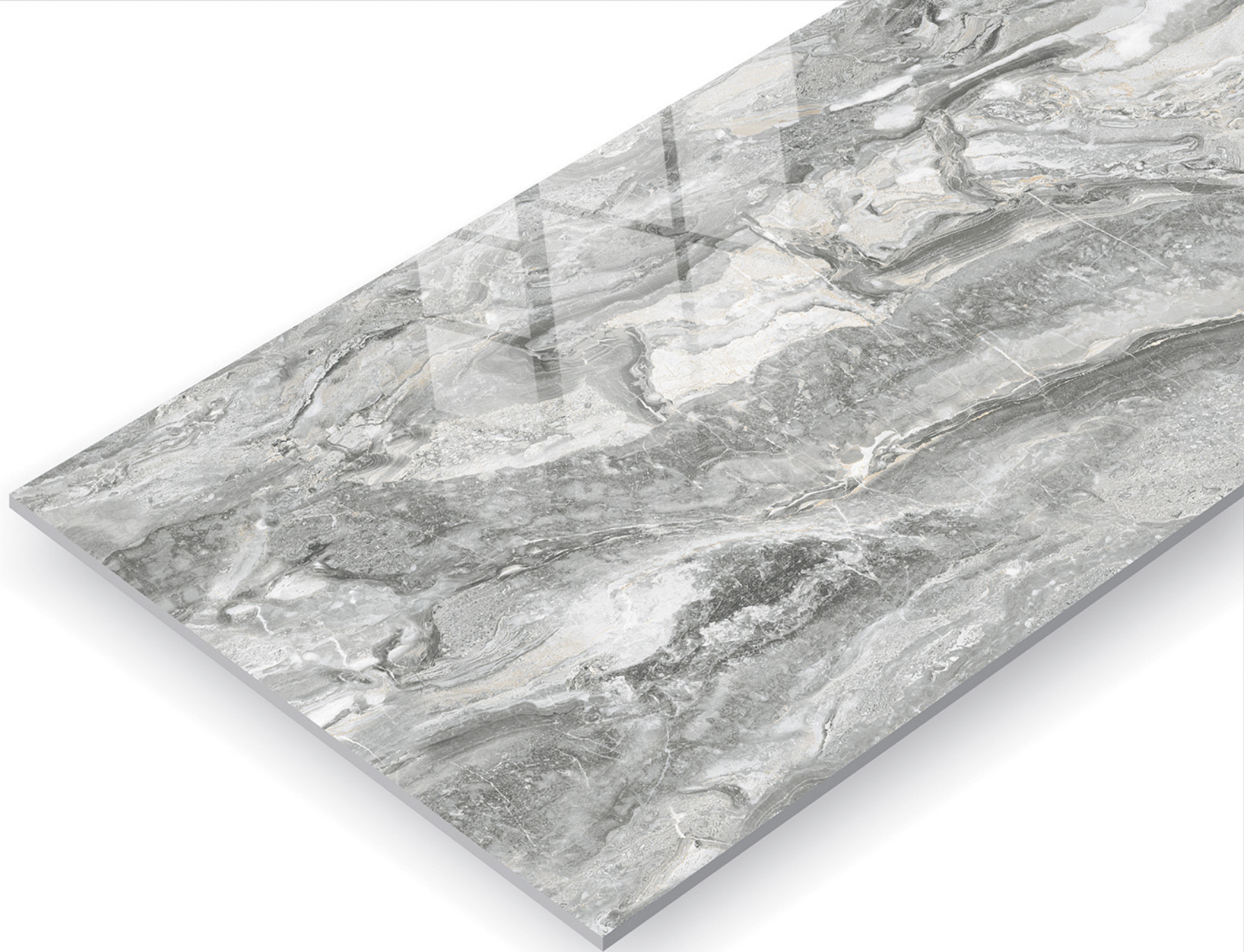


RANDOM DESIGN



LOW MAINTENANCE

**marengo
grey**



**600x
1200mm**





 **CLASSIC**
CERAMIC

**marengo
grey**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE

Technical Specifications

CHARACTERISTICS	STANDARD AS PER ISO-13006/EN14411 GROUP B1A	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

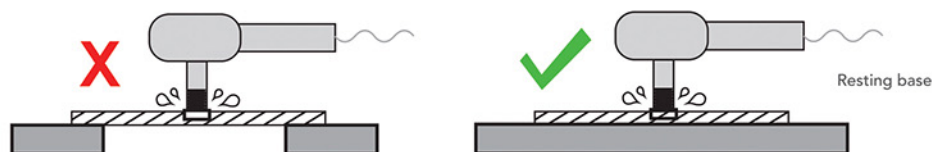
In order to minimize the residual stresses in a slab it is advisable, regardless of the cutting method employed, to remove 25 mm - 1" from the total perimeter of the slab.

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



Instruction

This is for all our customers to inform you that in Endless designs that will not be 100 % joint free.

There will be a minimum variation around 5 mm due to some technical reasons. So we will not entertain any complain regarding this.

