600x1200mm | PGVT
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.

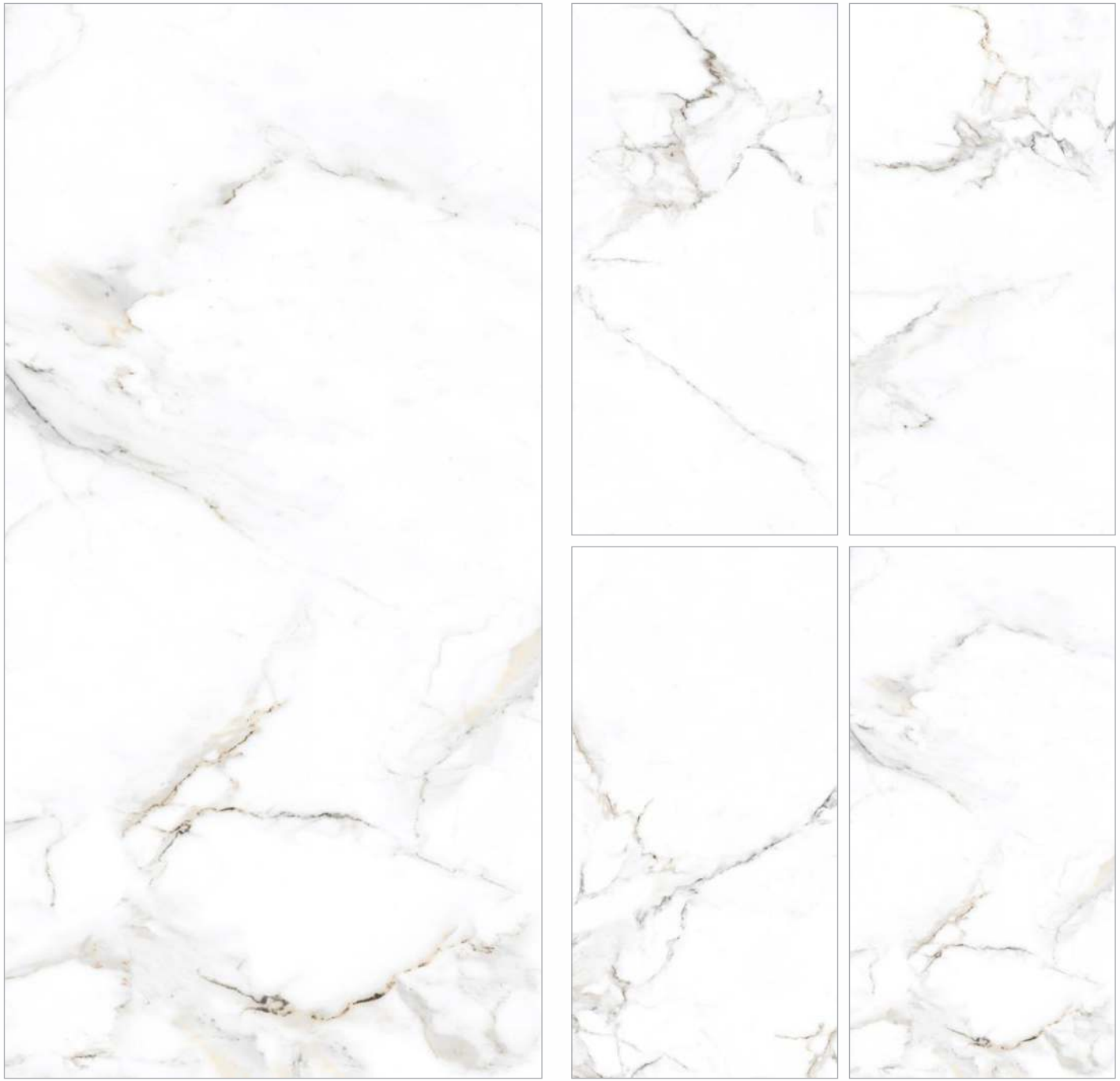
untouched **fragment** of **nature**

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

- high strength
- eco friendly
- random design
- low maintenance

statuario marble

600x
1200mm



statuario marble

600x 1200mm

Thickness : **9mm**

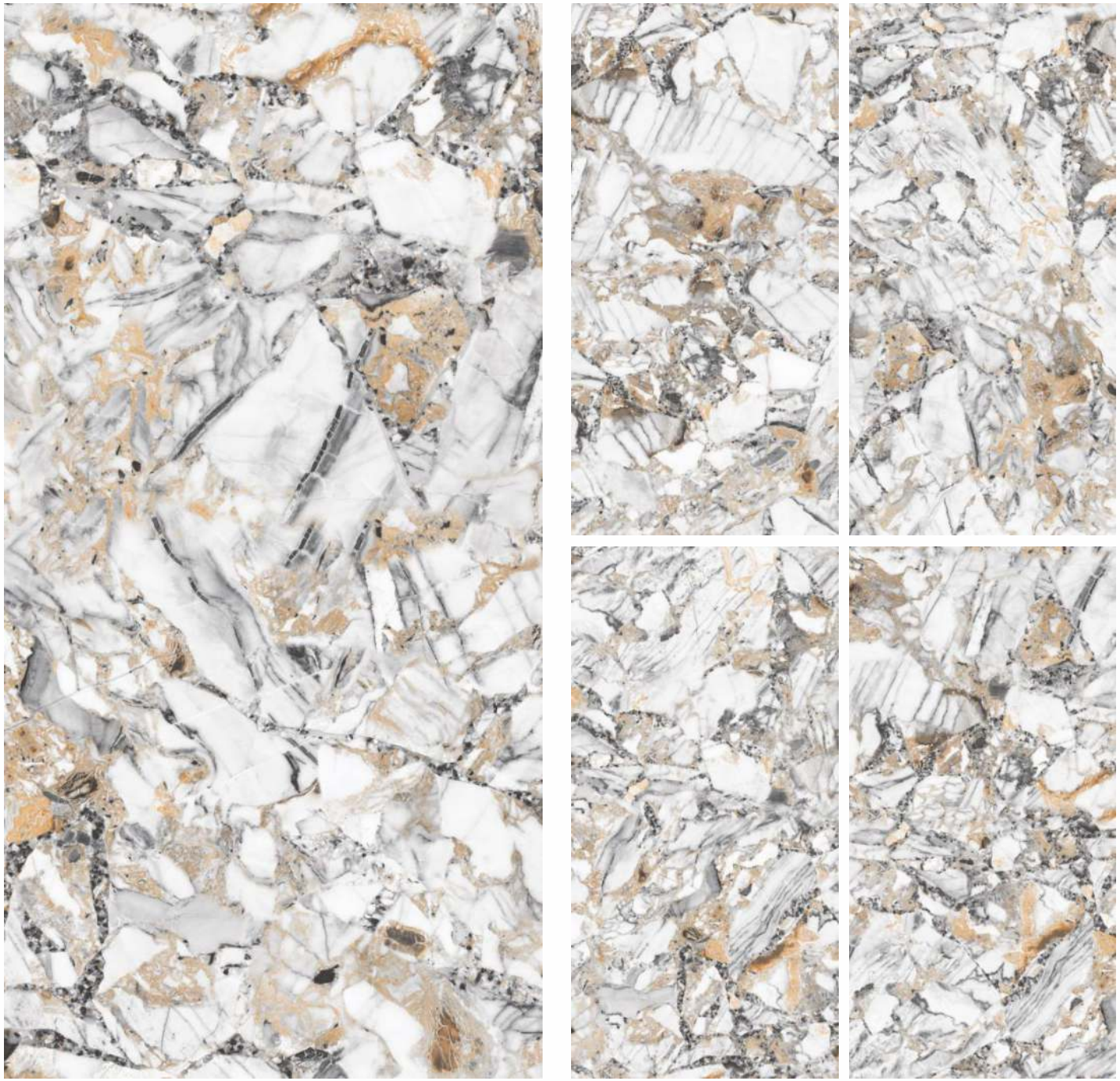
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


statuario
marble

amazonia real

600x
1200mm



amazonia real

600x 1200mm

Thickness : **9mm**

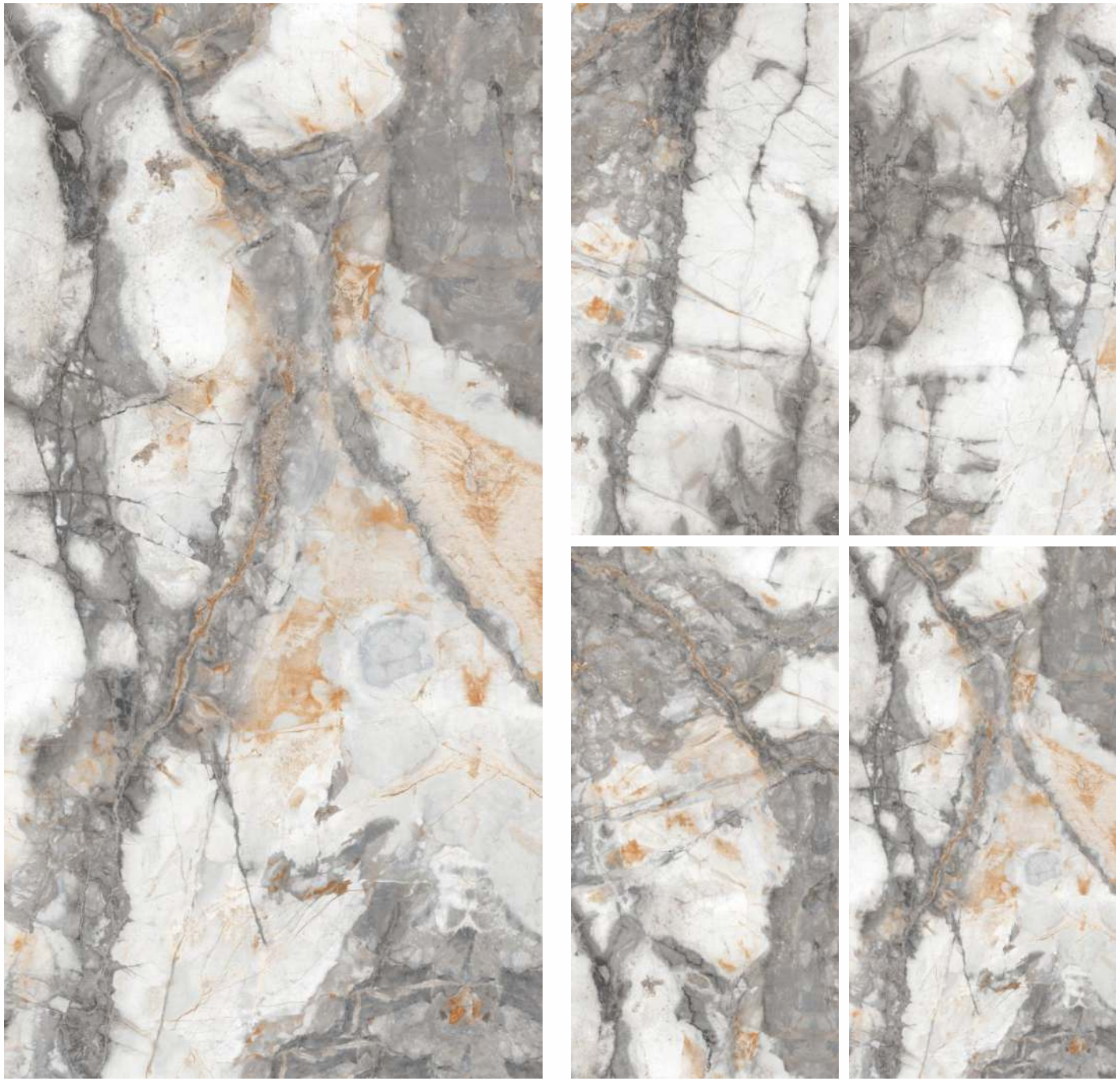
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


amazonia
real

invisible grey

600x
1200mm



invisible grey

600x 1200mm

Thickness : **9mm**

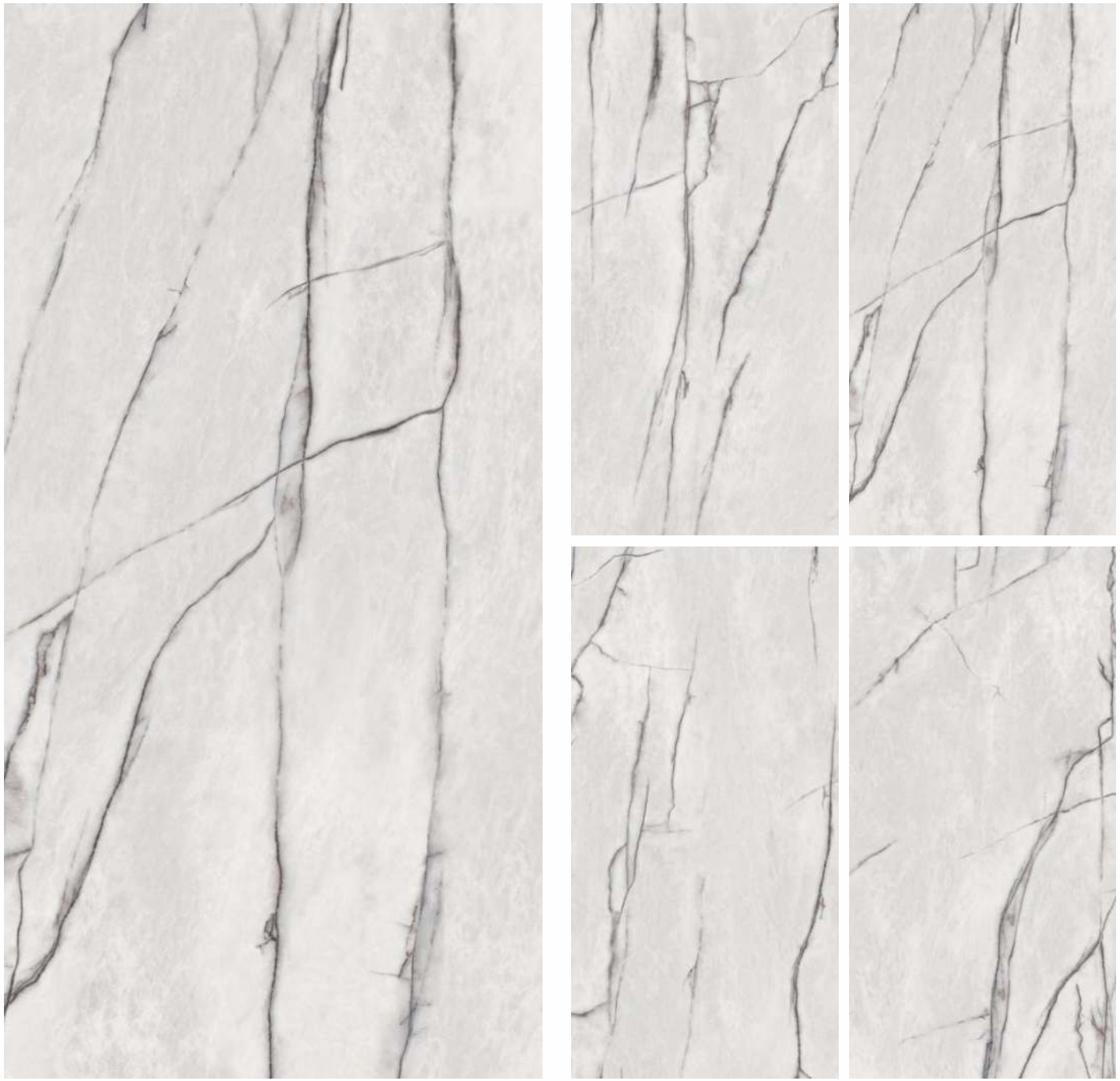
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


invisible
grey

lilac white

600x
1200mm



lilac white

600x 1200mm

Thickness : **9mm**

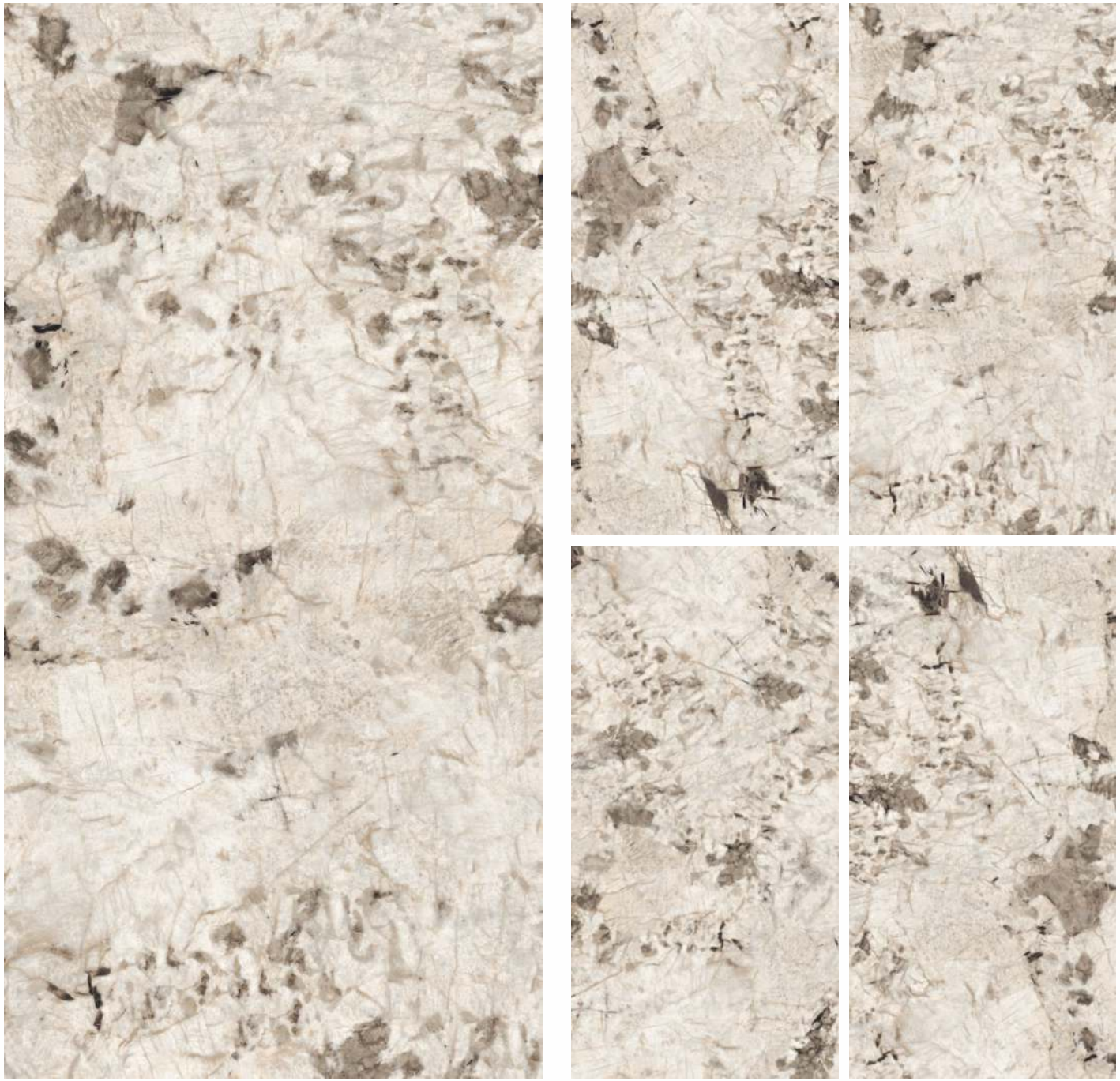
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


lilac
white

alaska beige granite

600x
1200mm



alaska beige granite

600x 1200mm

Thickness : **9mm**

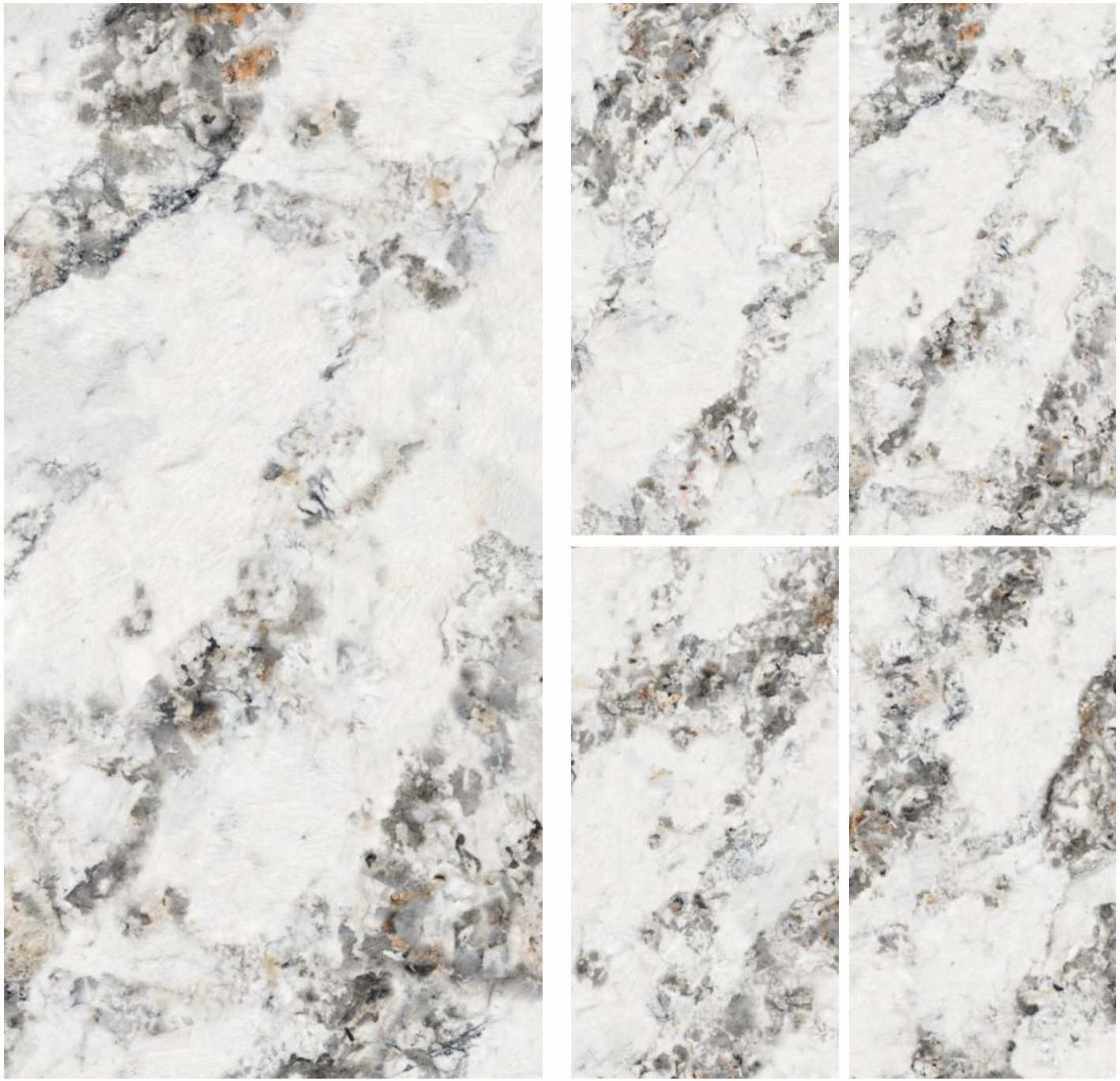
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


alaska beige
granite

blanc luminix

600x
1200mm



blanc luminix

600x 1200mm

Thickness : **9mm**

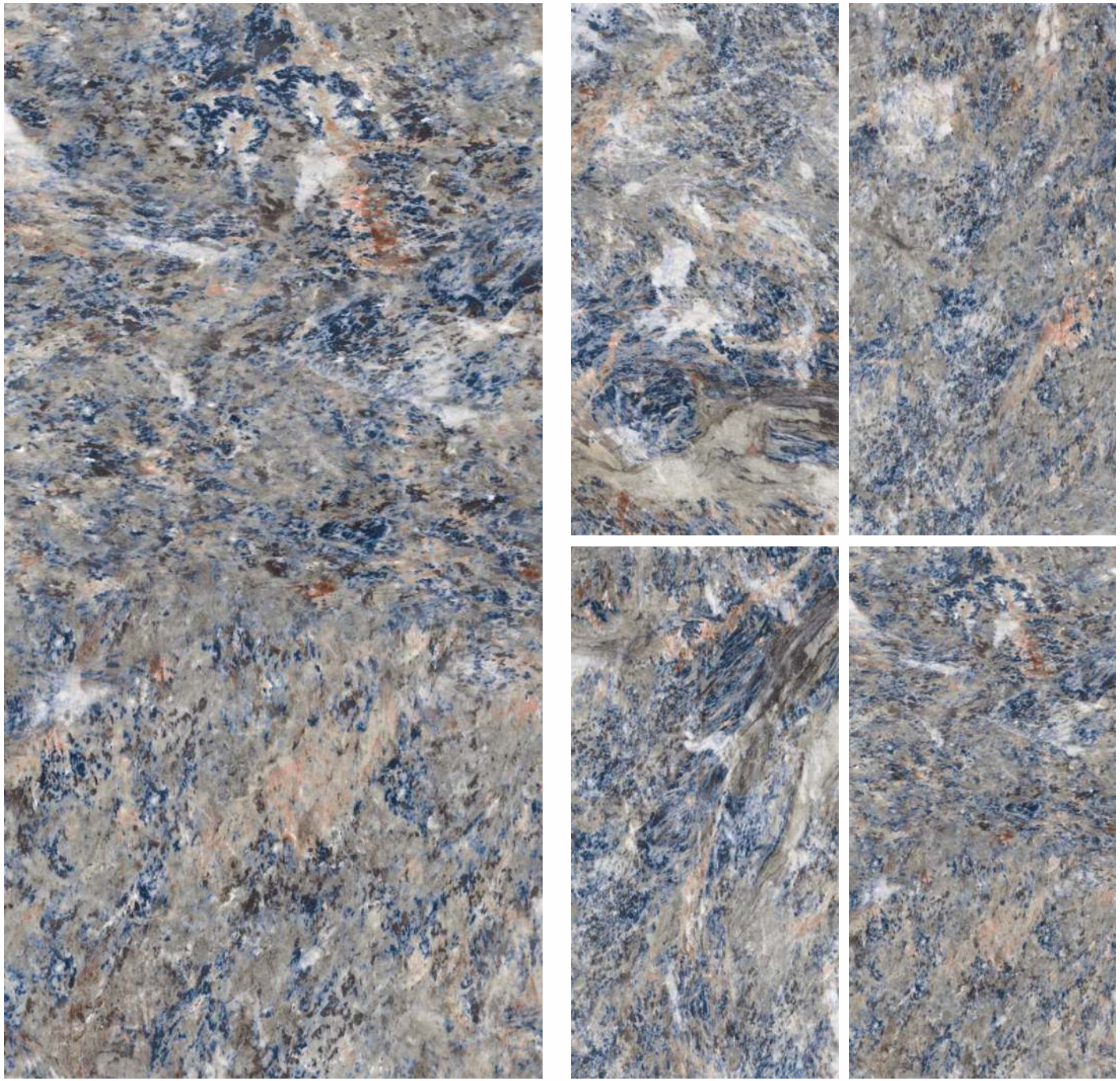
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


blanc
luminix

azul bahia

600x
1200mm



azul bahia

600x 1200mm

Thickness : **9mm**

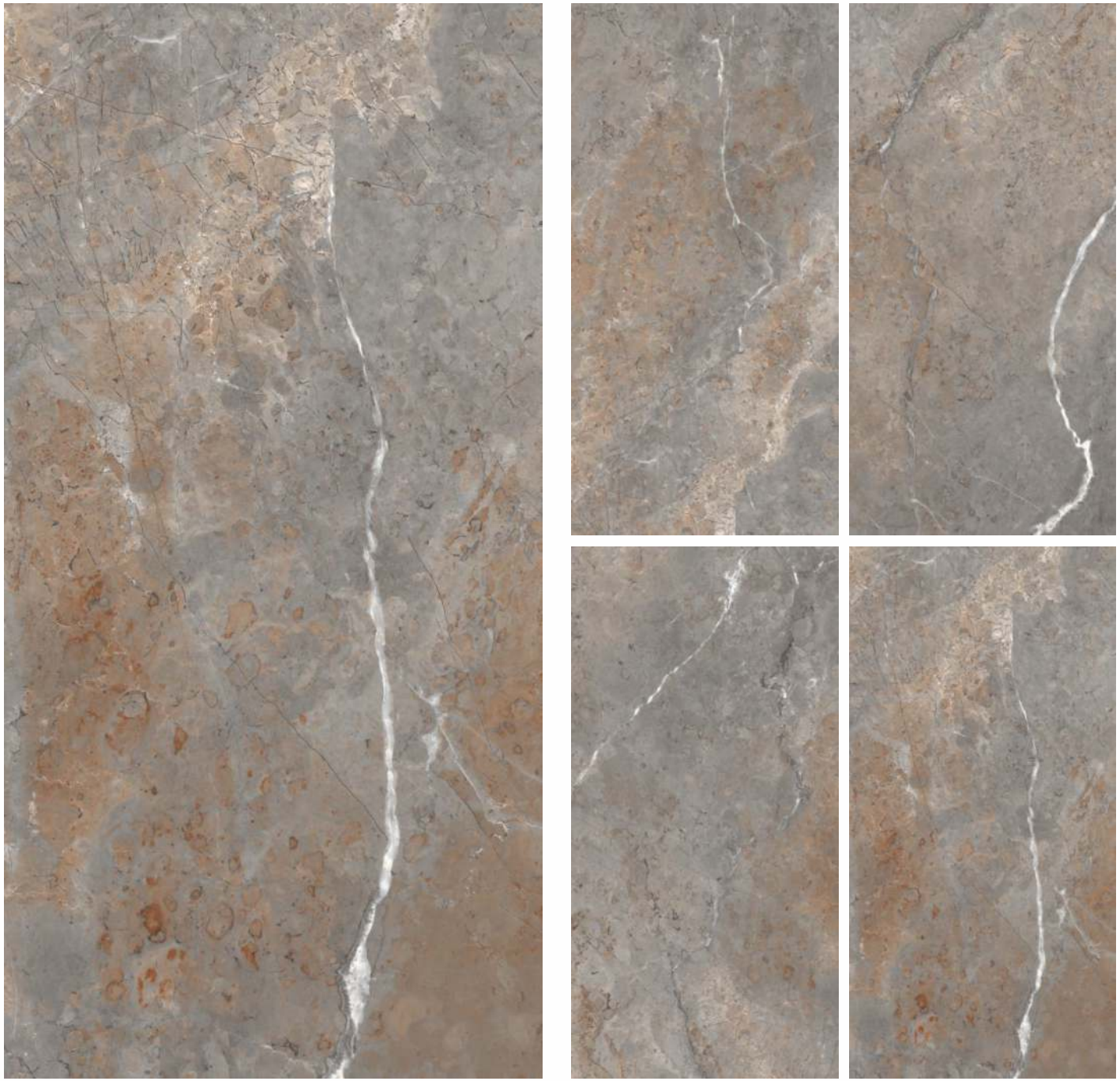
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


azul
bahia

flurry grey

600x
1200mm



flurry grey

600x 1200mm

Thickness : **9mm**

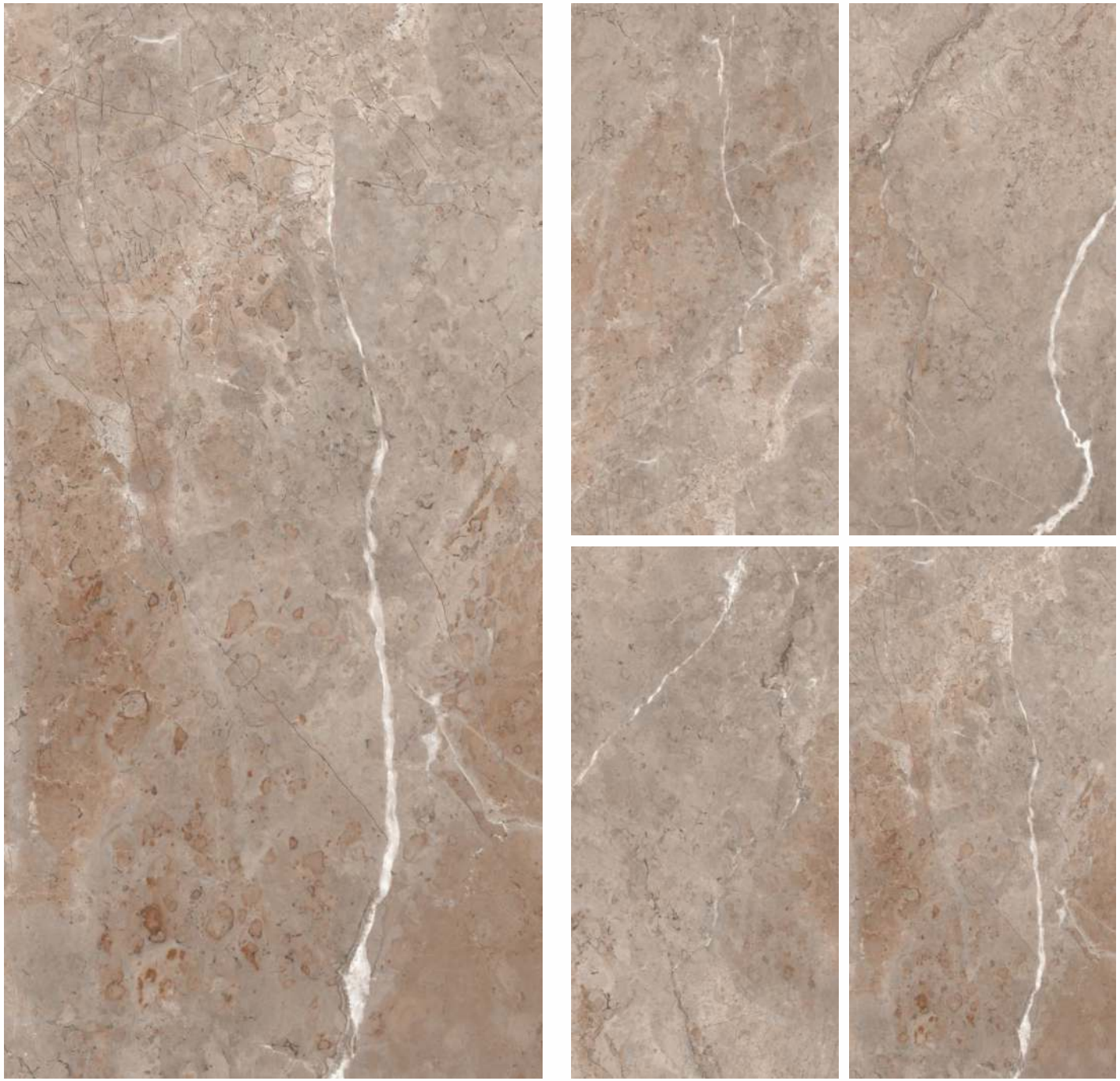
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


flurry
grey

flurry brown

600x
1200mm



flurry brown

600x 1200mm

Thickness **: 9mm**

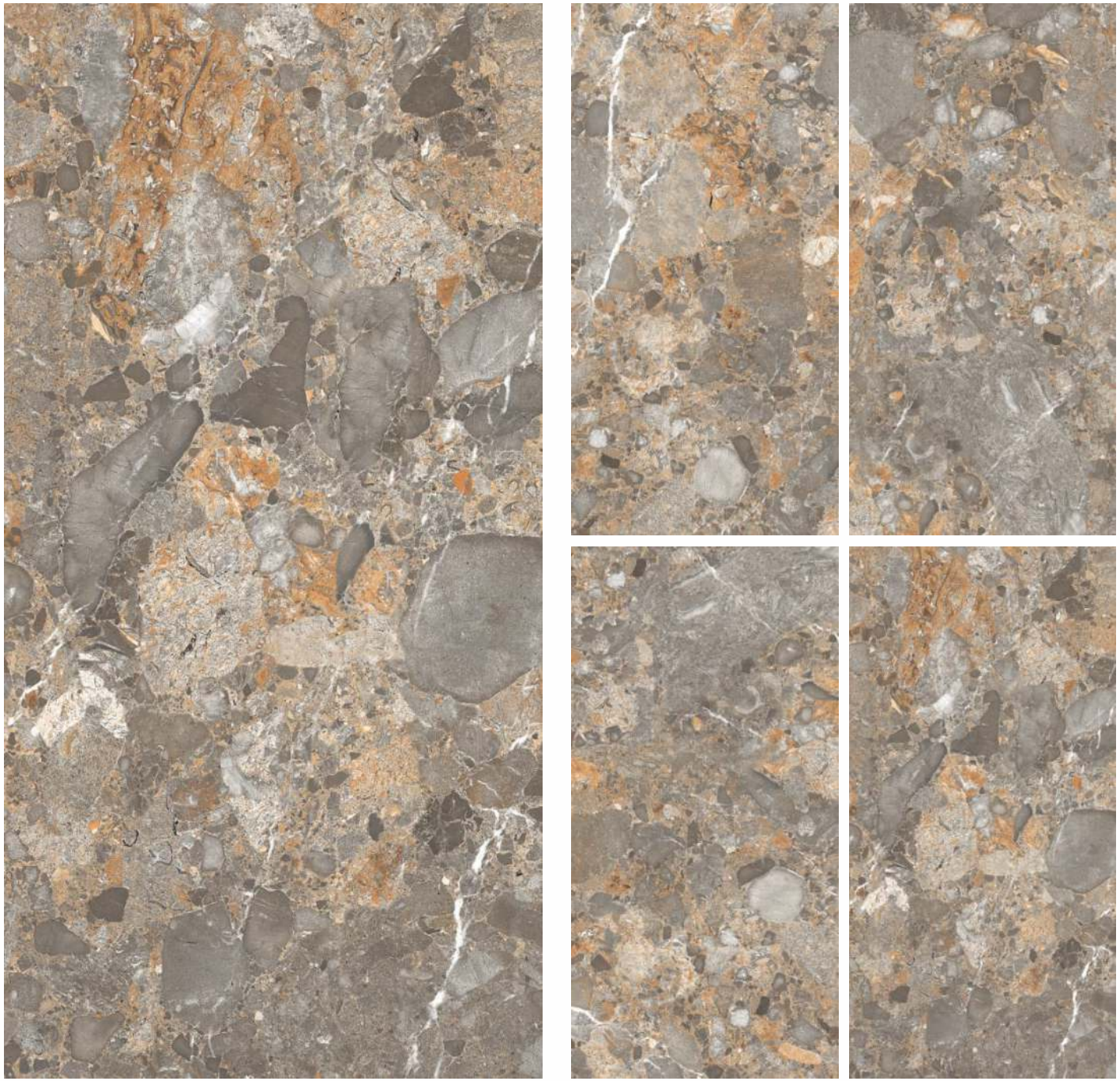
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


flurry
brown

ceppo di grey

600x
1200mm



ceppo di grey

600x 1200mm

Thickness : **9mm**

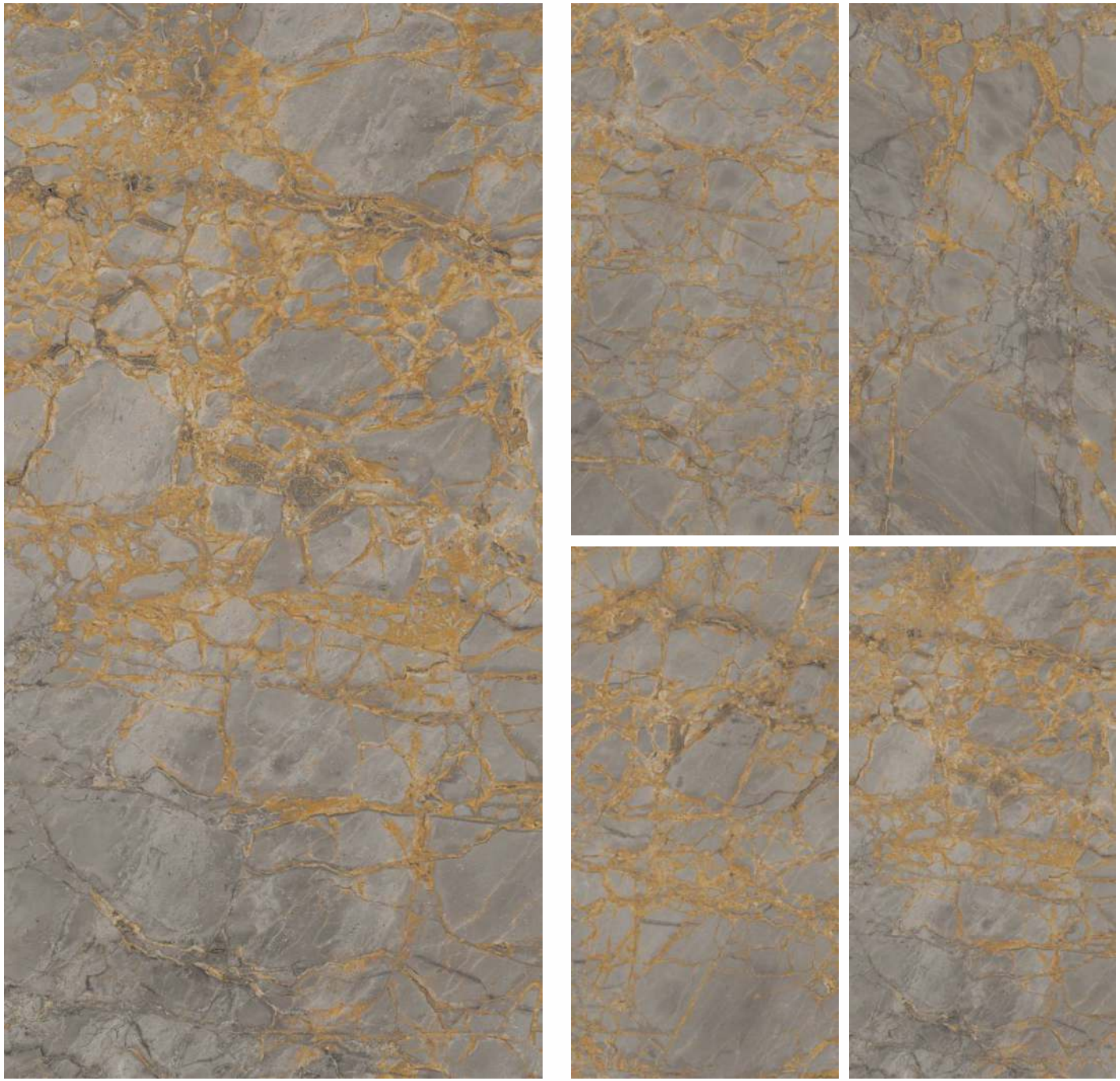
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


ceppo
di grey

hakate dragon

600x
1200mm



hakate dragon

600x 1200mm

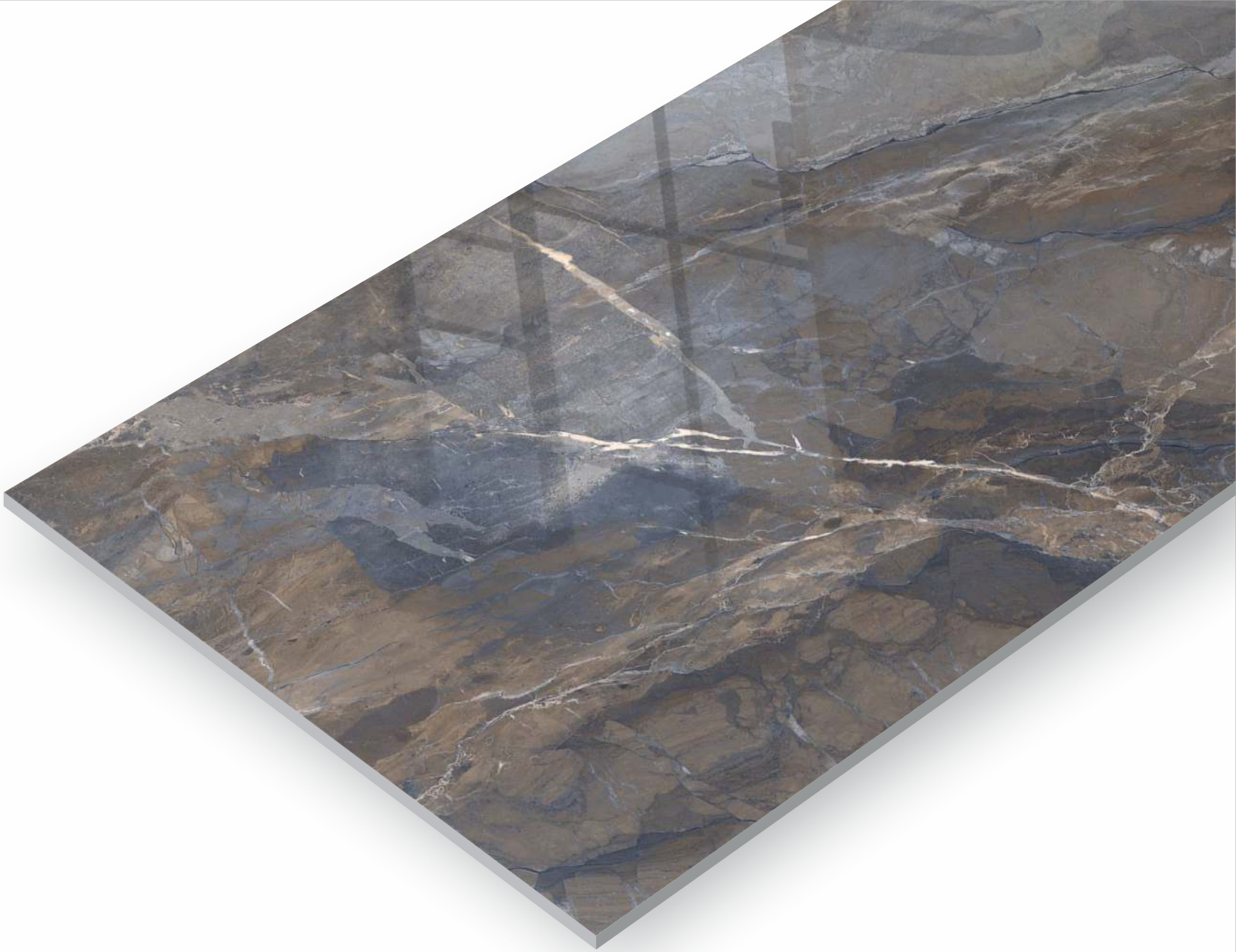
Thickness : **9mm**

Finish: **GLOSSY**

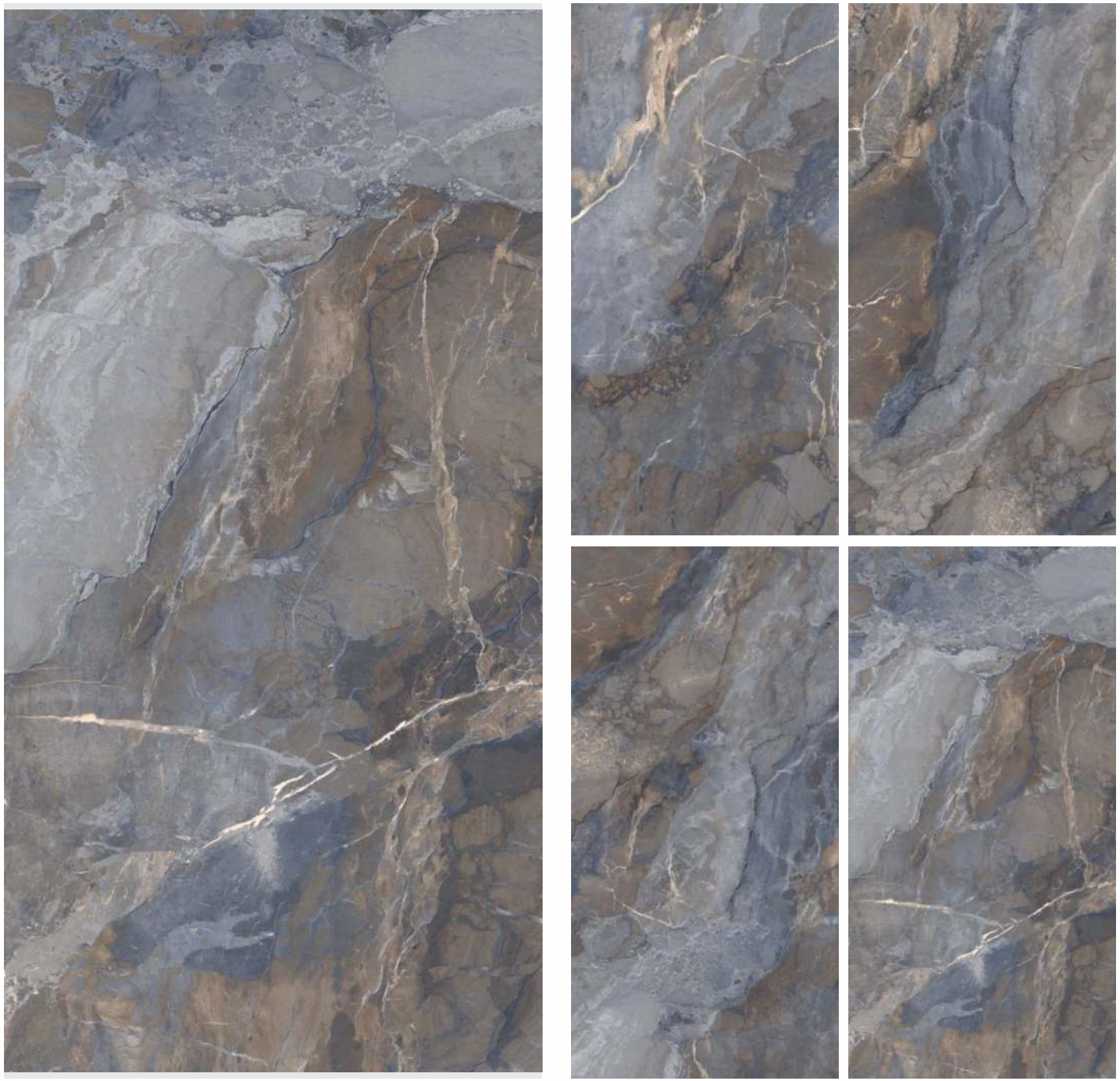
- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


hakate
dragon

illusion blue



600x
1200mm



illusion blue

600x 1200mm

Thickness : **9mm**

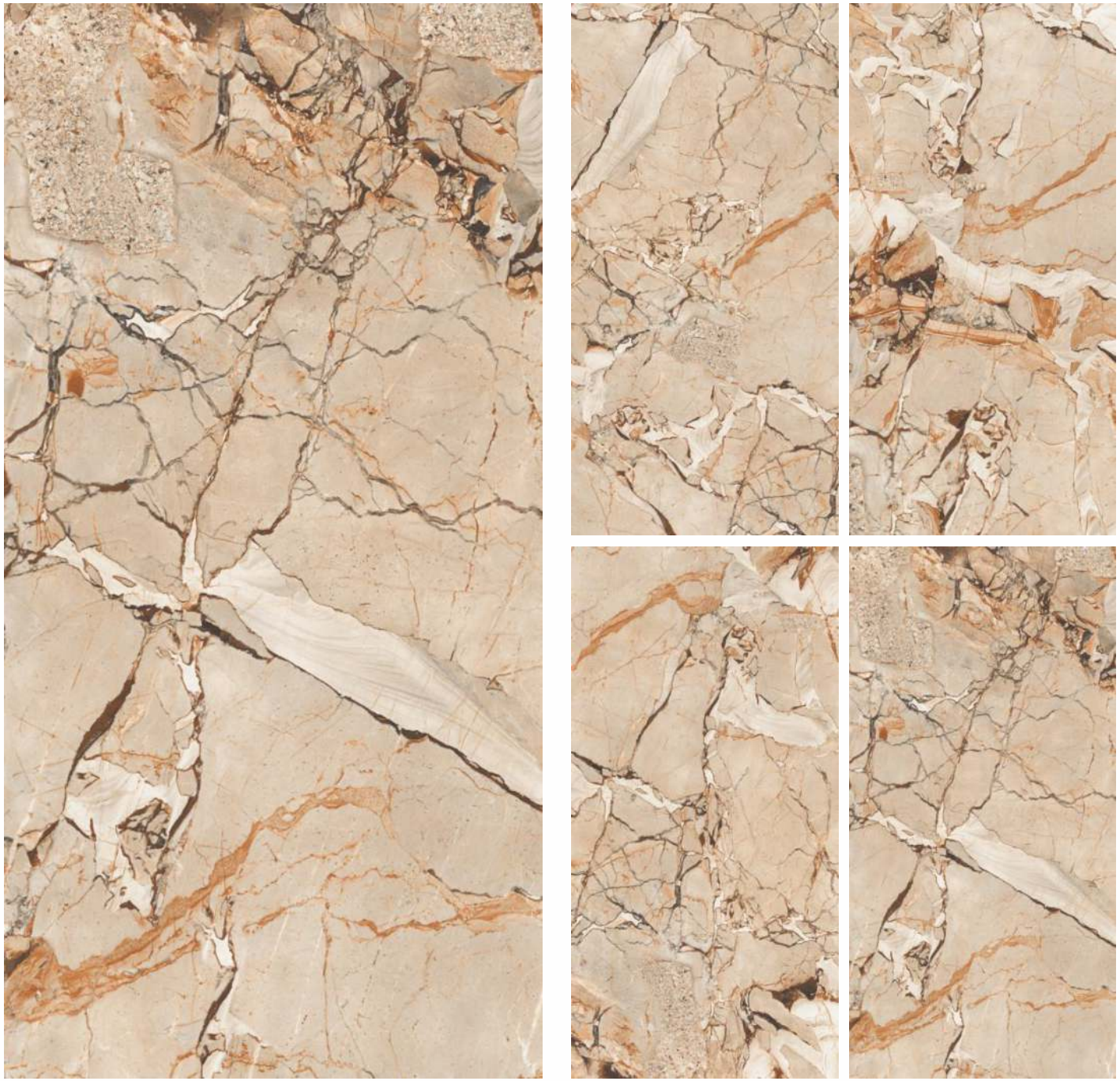
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


illusion
blue

sarran colin brown

600x
1200mm



sarran colin brown

600x 1200mm

Thickness : **9mm**

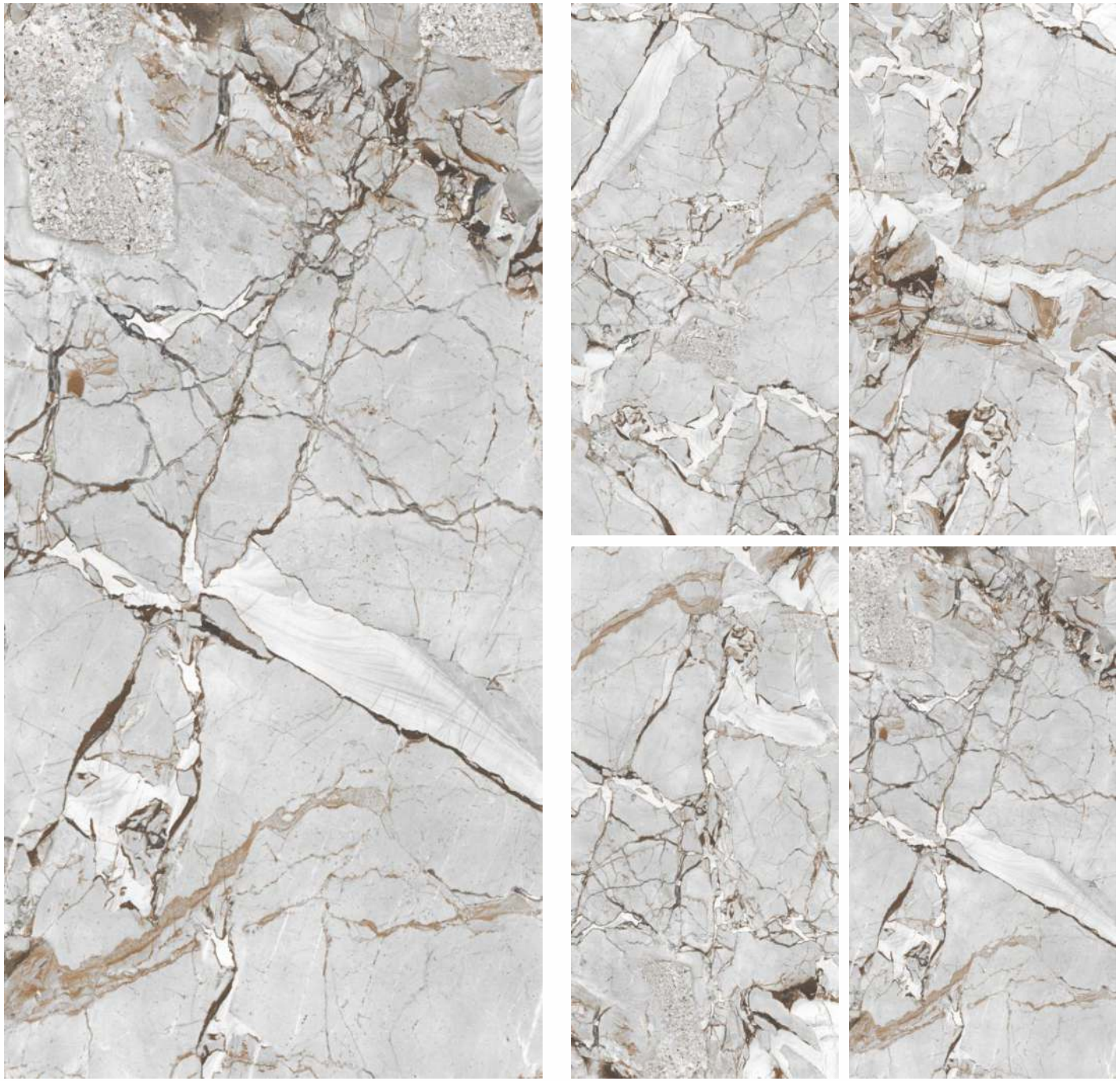
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


sarran colin
brown

sarran colin grey

600x
1200mm



sarran colin grey

600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

sarran colin
grey

cortina sand

600x
1200mm

cortina sand

600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


cortina
sand

cortina taupe

600x
1200mm

cortina taupe

600x 1200mm

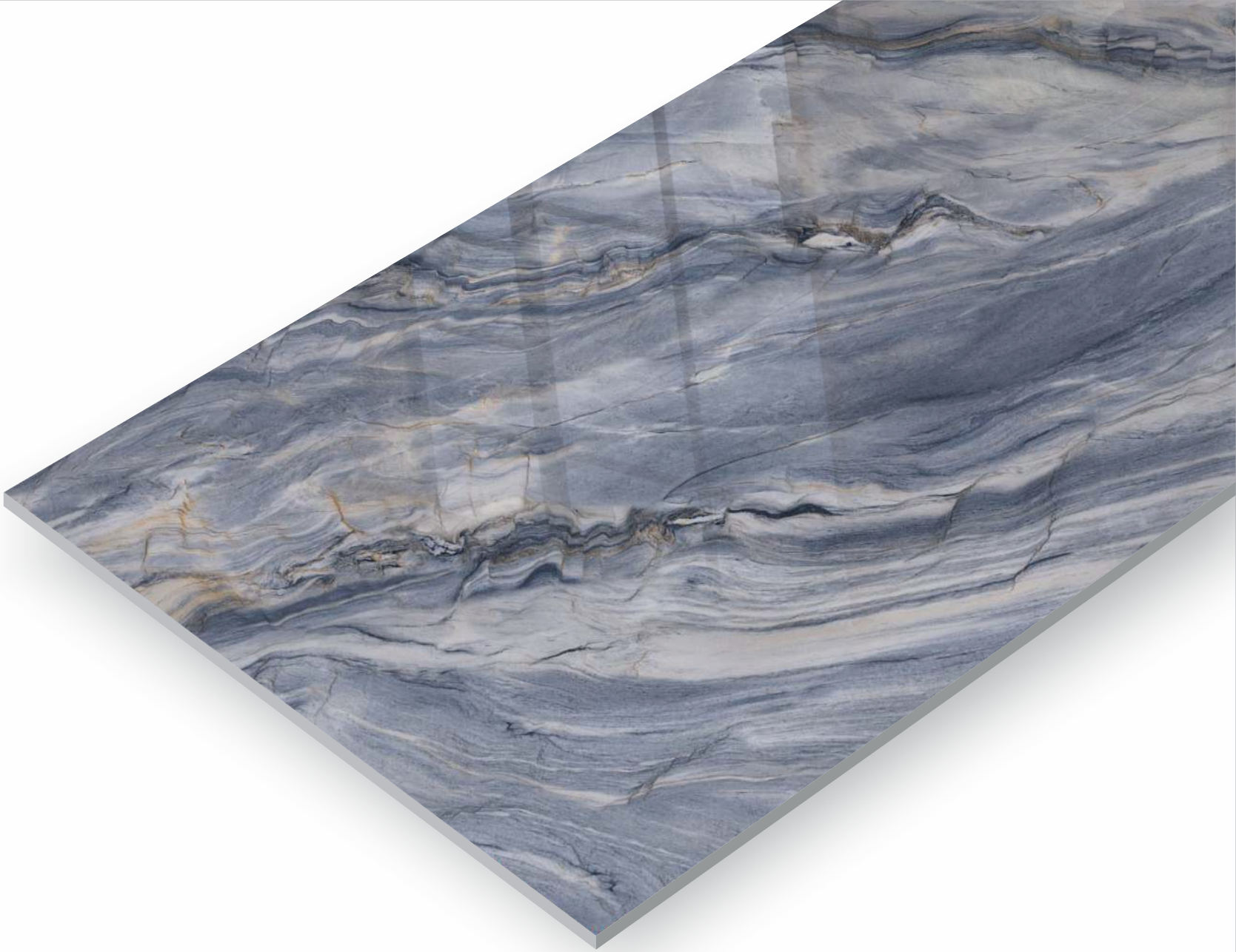
Thickness : **9mm**

Finish: **GLOSSY**

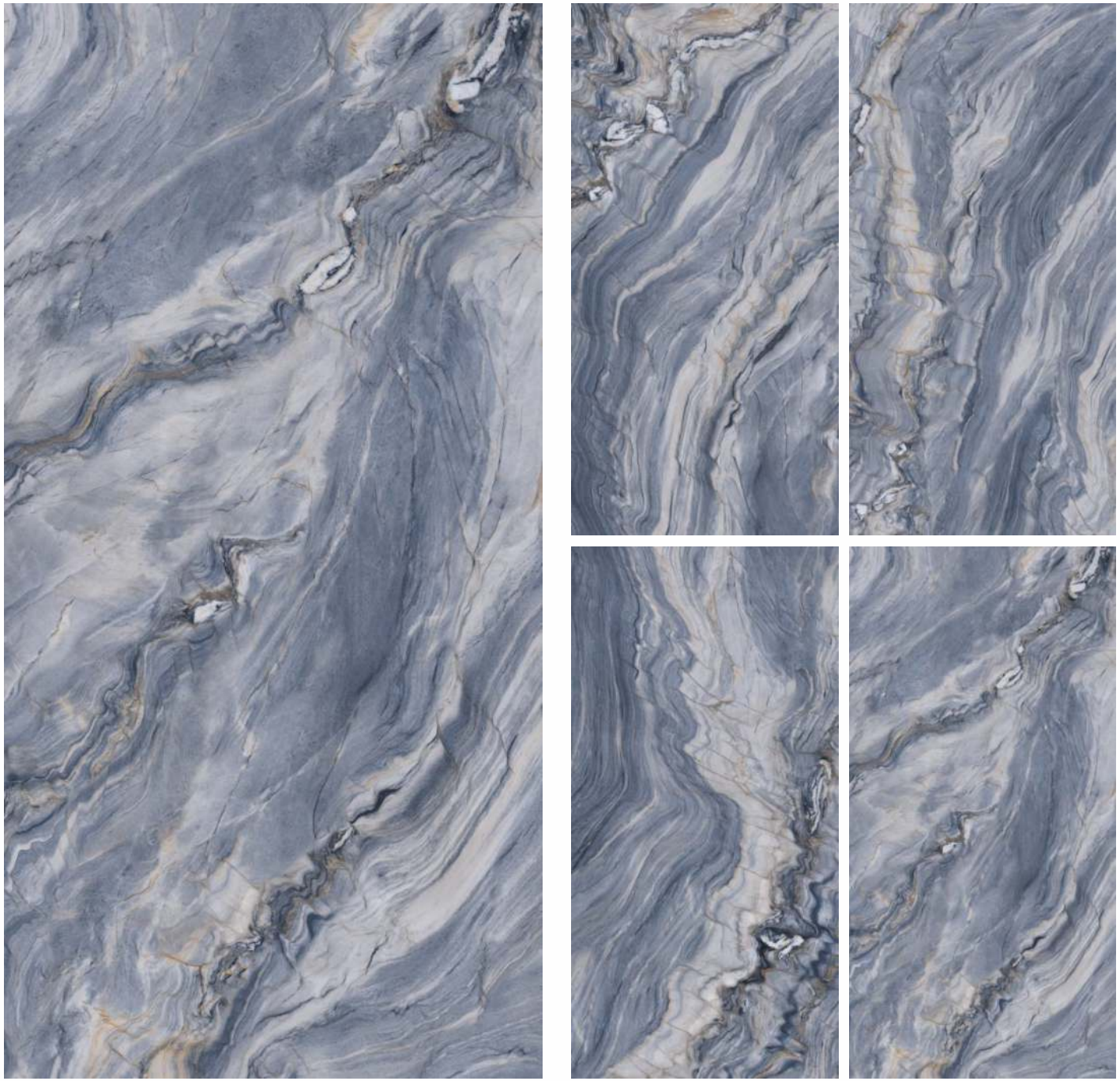
- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


cortina
taupe

explosion blue



600x
1200mm



explosion blue

600x 1200mm

Thickness : **9mm**

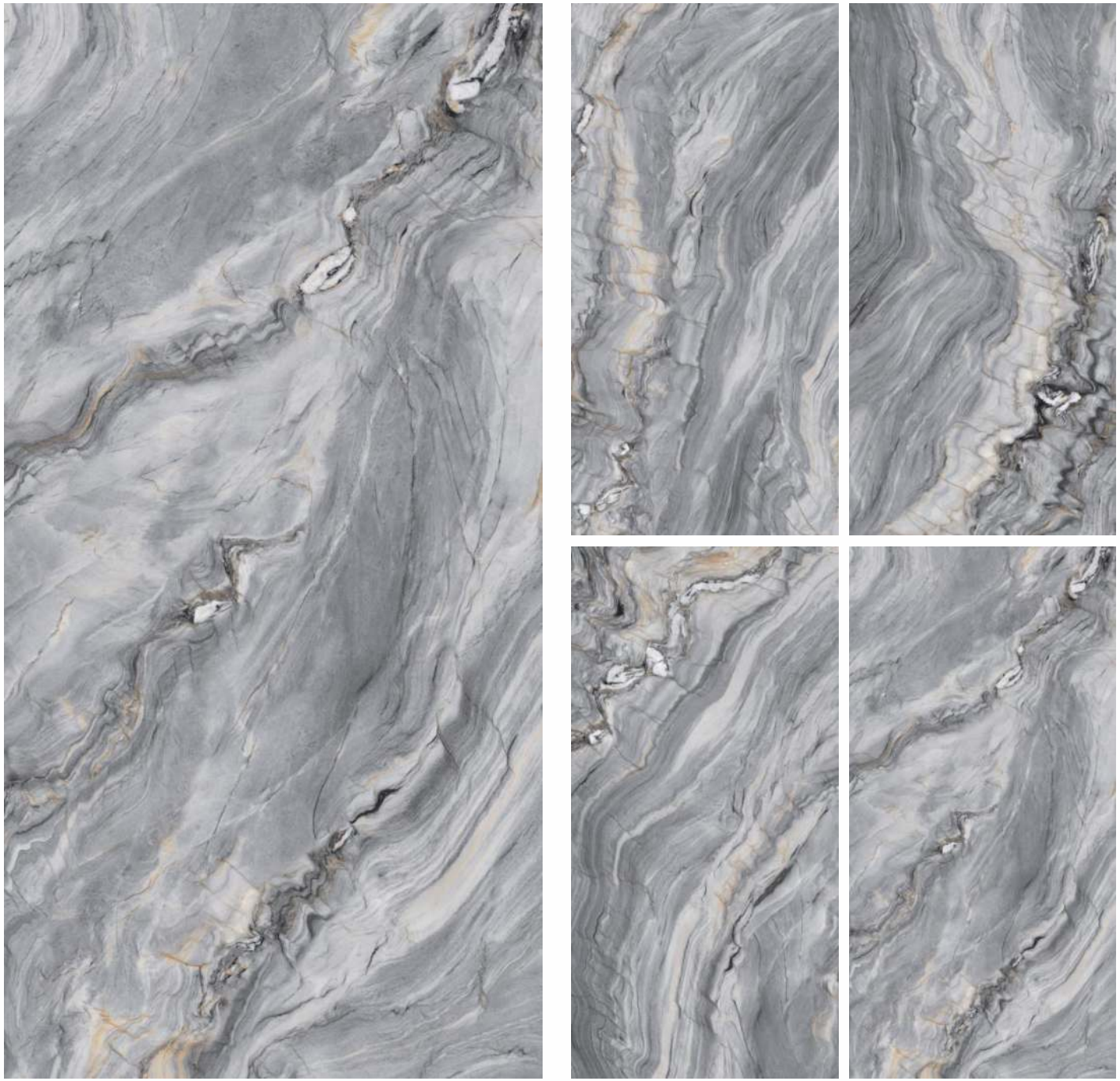
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


explosion
blue

explosion fusion

600x
1200mm



explosion fusion

600x 1200mm

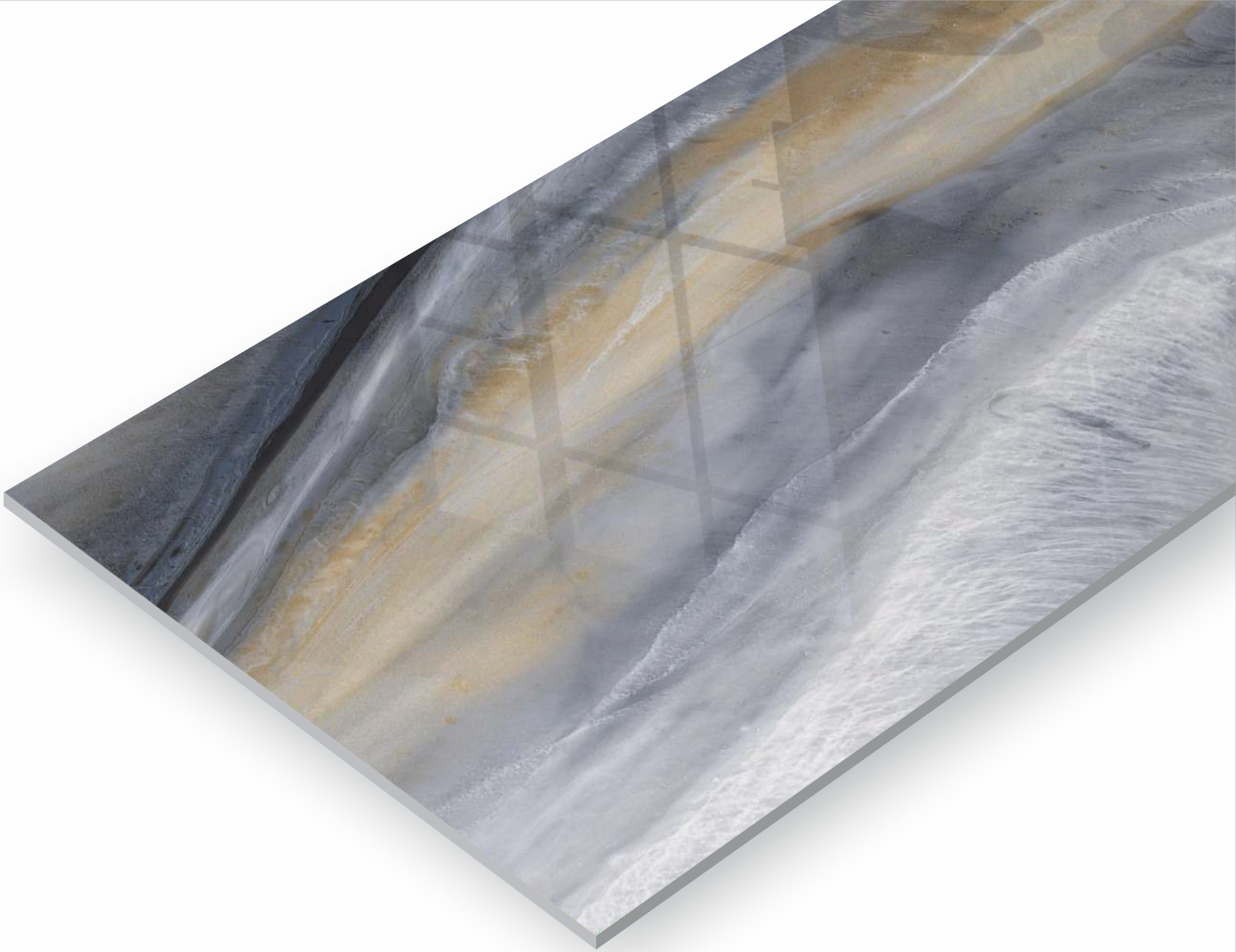
Thickness : **9mm**

Finish: **GLOSSY**

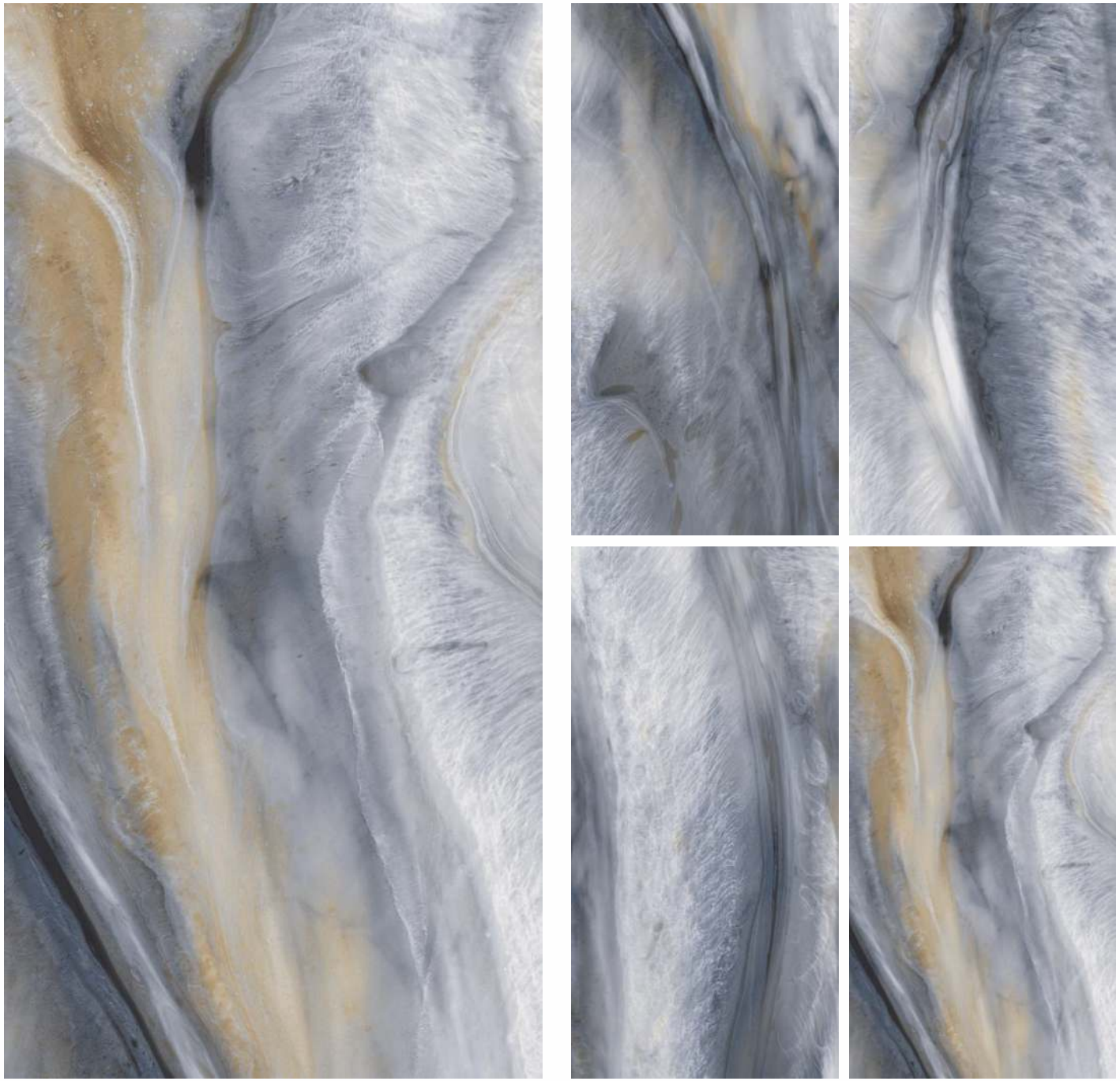
- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


explosion
fusion

strom onyx blue



600x
1200mm



strom
onyx blue

600x
1200mm

Thickness **: 9mm**

Finish: **GLOSSY**

HIGH STRENGTH

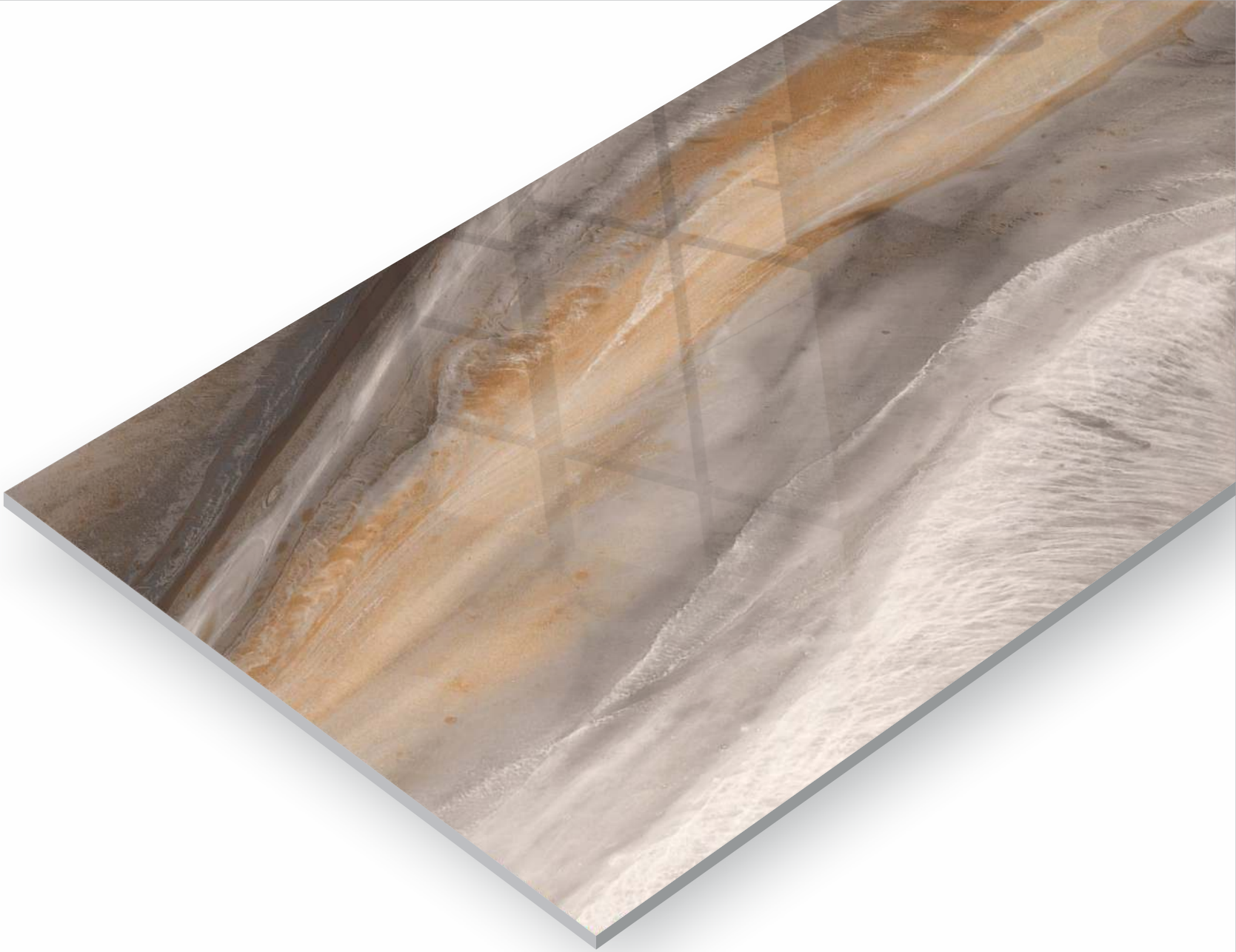
ECO FRIENDLY

RANDOM DESIGN

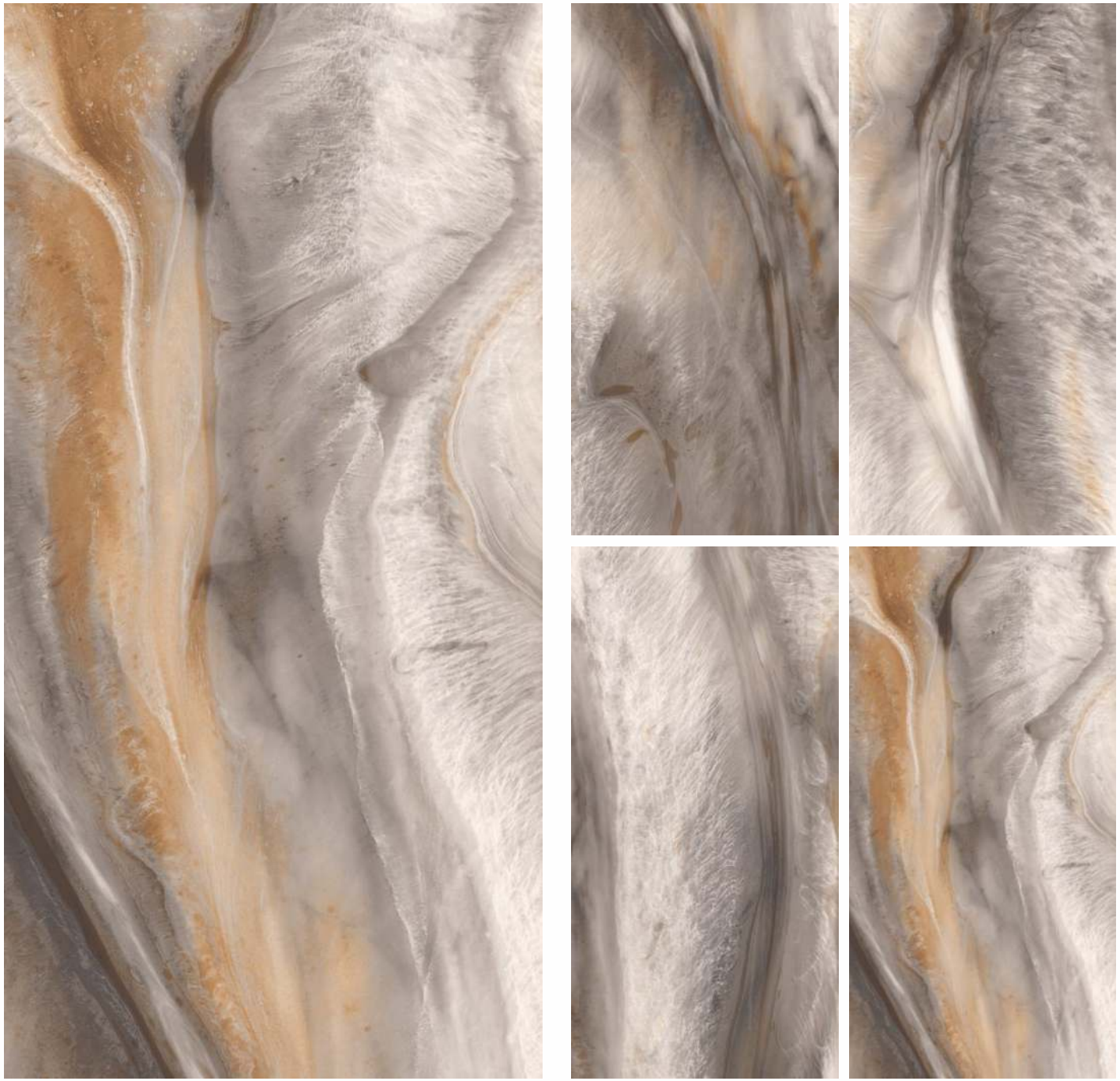
LOW MAINTENANCE


strom
onyx blue

strom onyx brown



600x
1200mm



strom onyx brown

600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


strom onyx
brown

strom
onyx grey

600x
1200mm

strom
onyx grey

600x
1200mm

Thickness **: 9mm**

Finish: **GLOSSY**

HIGH STRENGTH

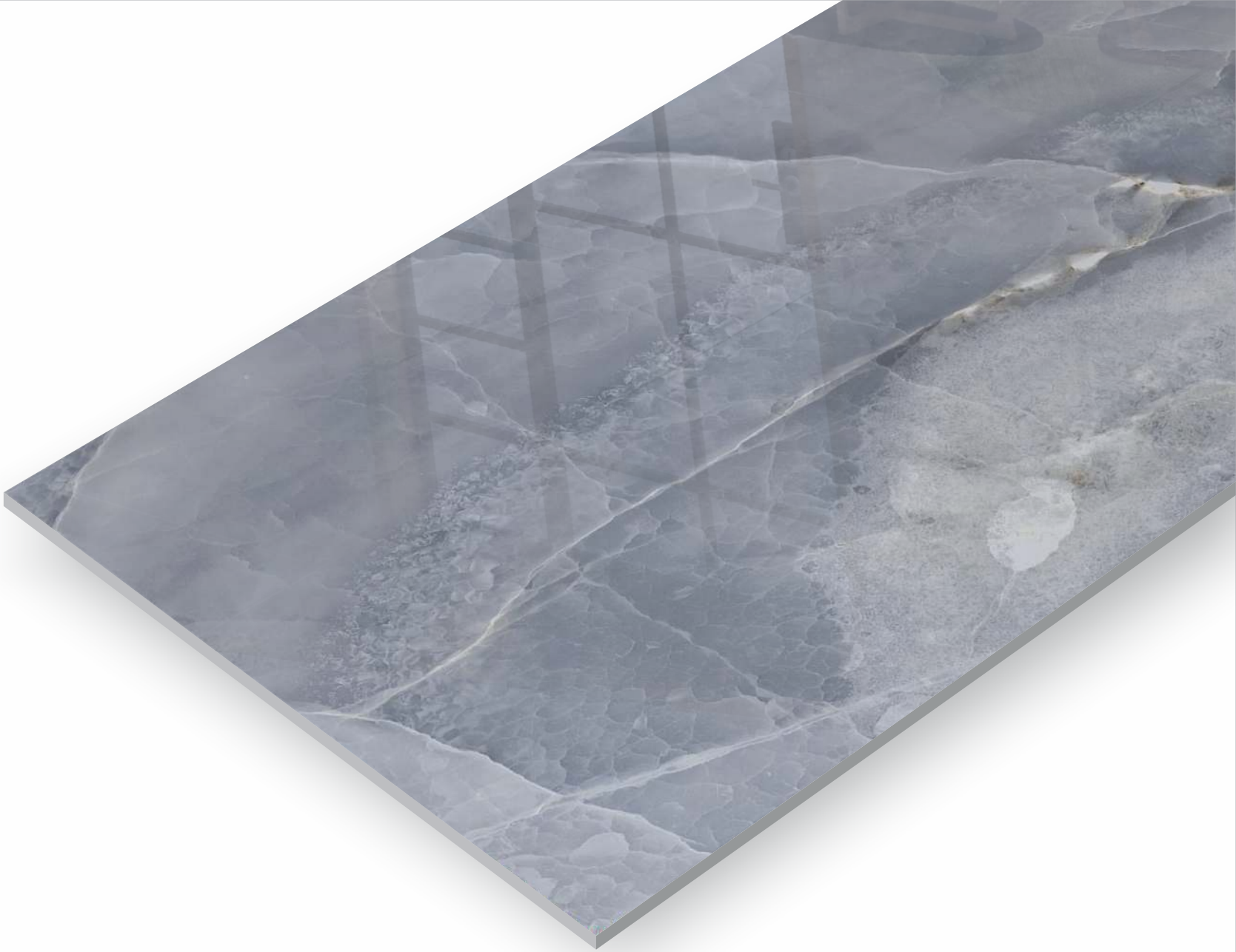
ECO FRIENDLY

RANDOM DESIGN

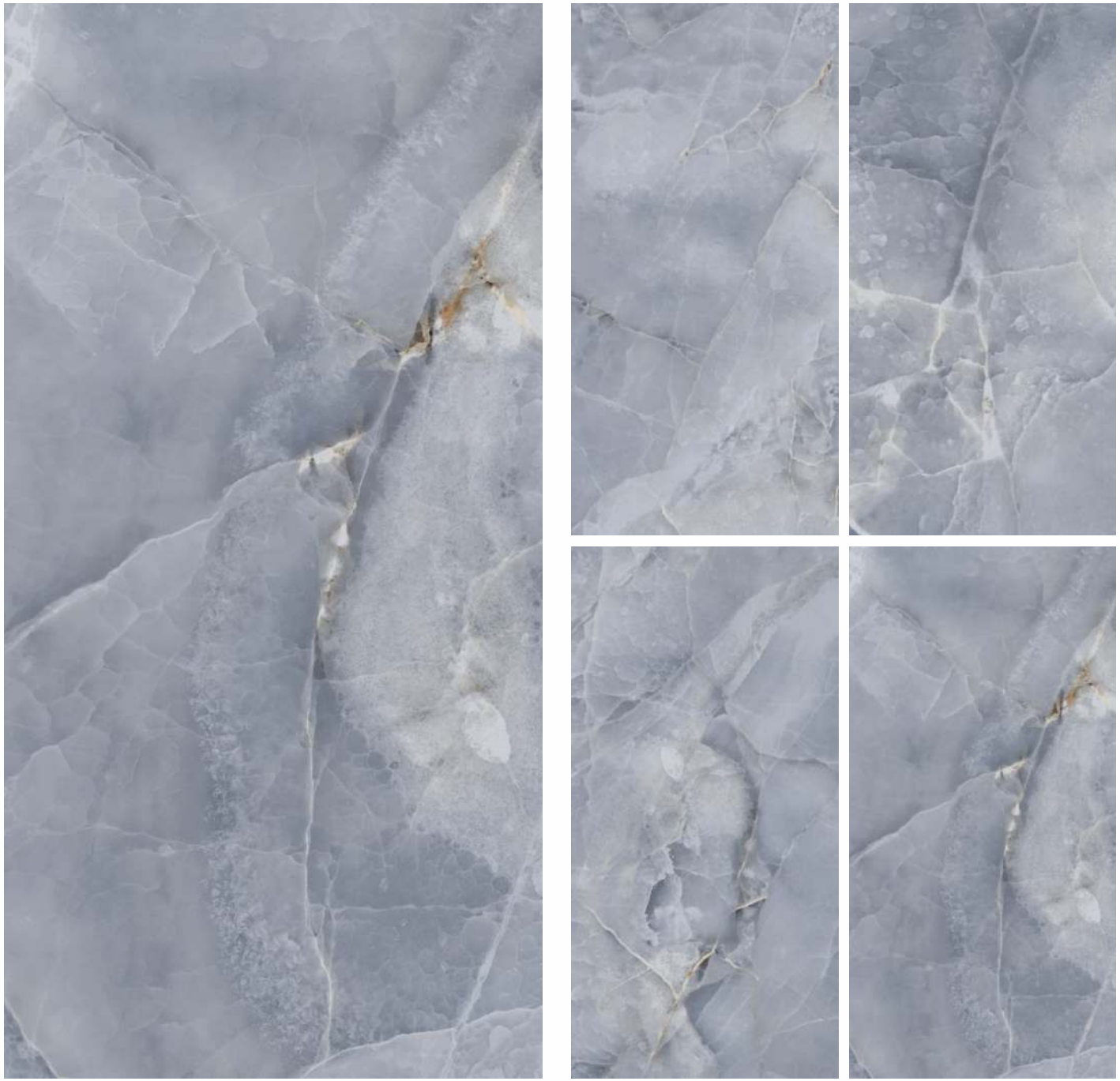
LOW MAINTENANCE


strom
onyx grey

aris blue onyx



600x
1200mm



aris blue onyx

600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


aris blue
onyx

aris brown onyx

600x
1200mm

aris brown onyx

600x 1200mm

Thickness : **9mm**

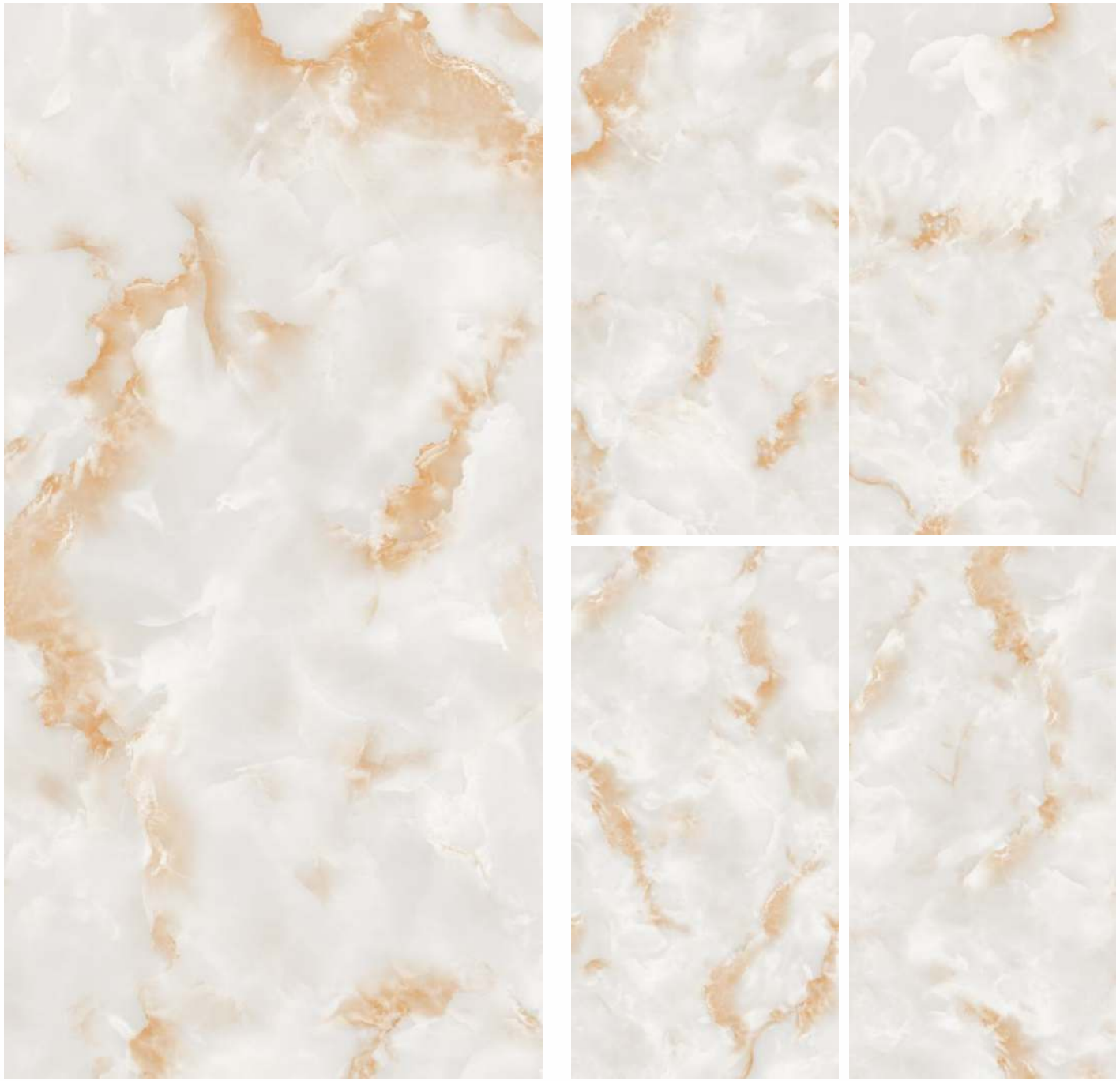
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

aris brown
onyx

archiekins
onyx

600x
1200mm



archiekins onyx

600x 1200mm

Thickness : **9mm**

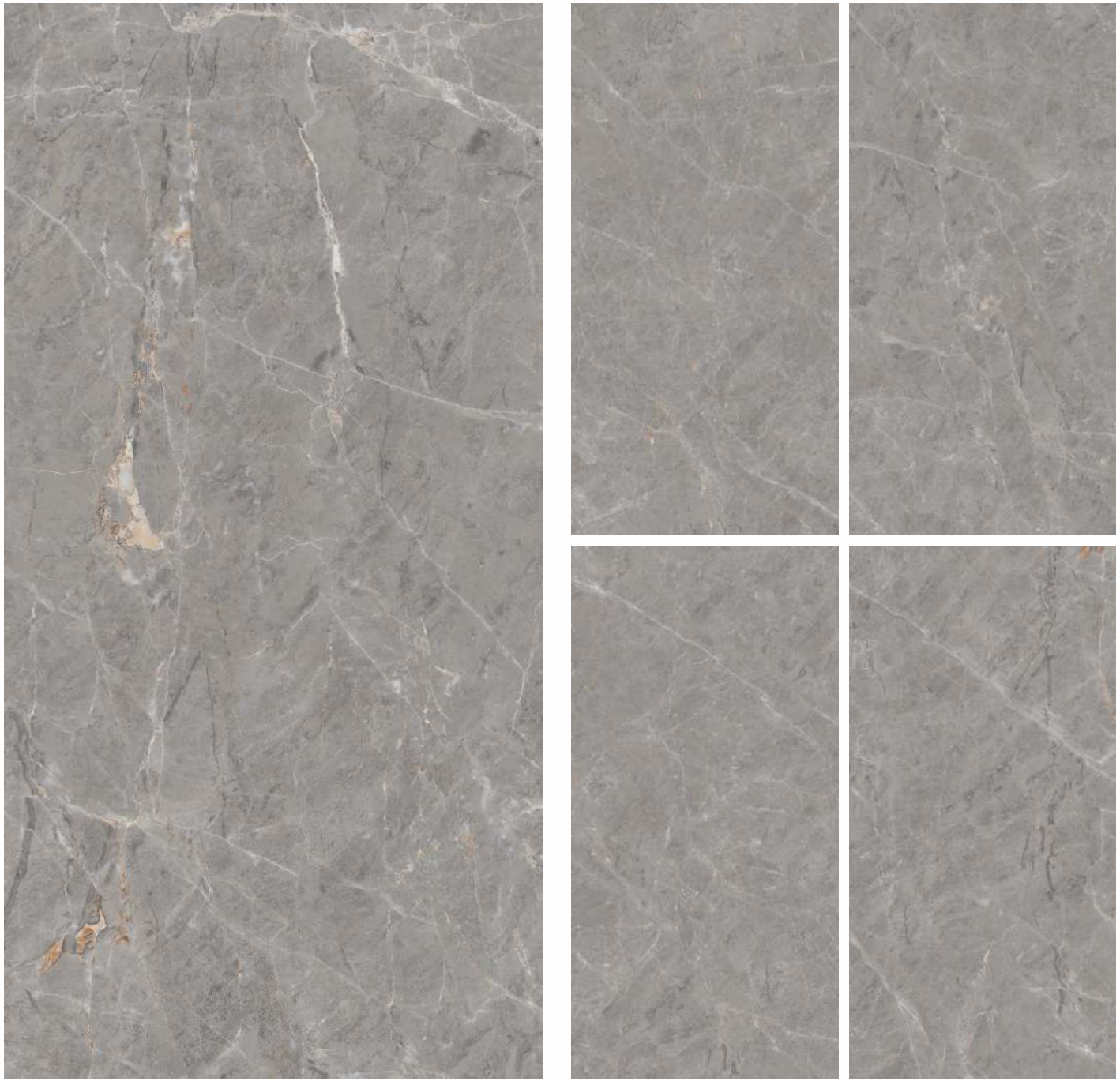
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


archiekins
onyx

grano grey

600x
1200mm



grano grey

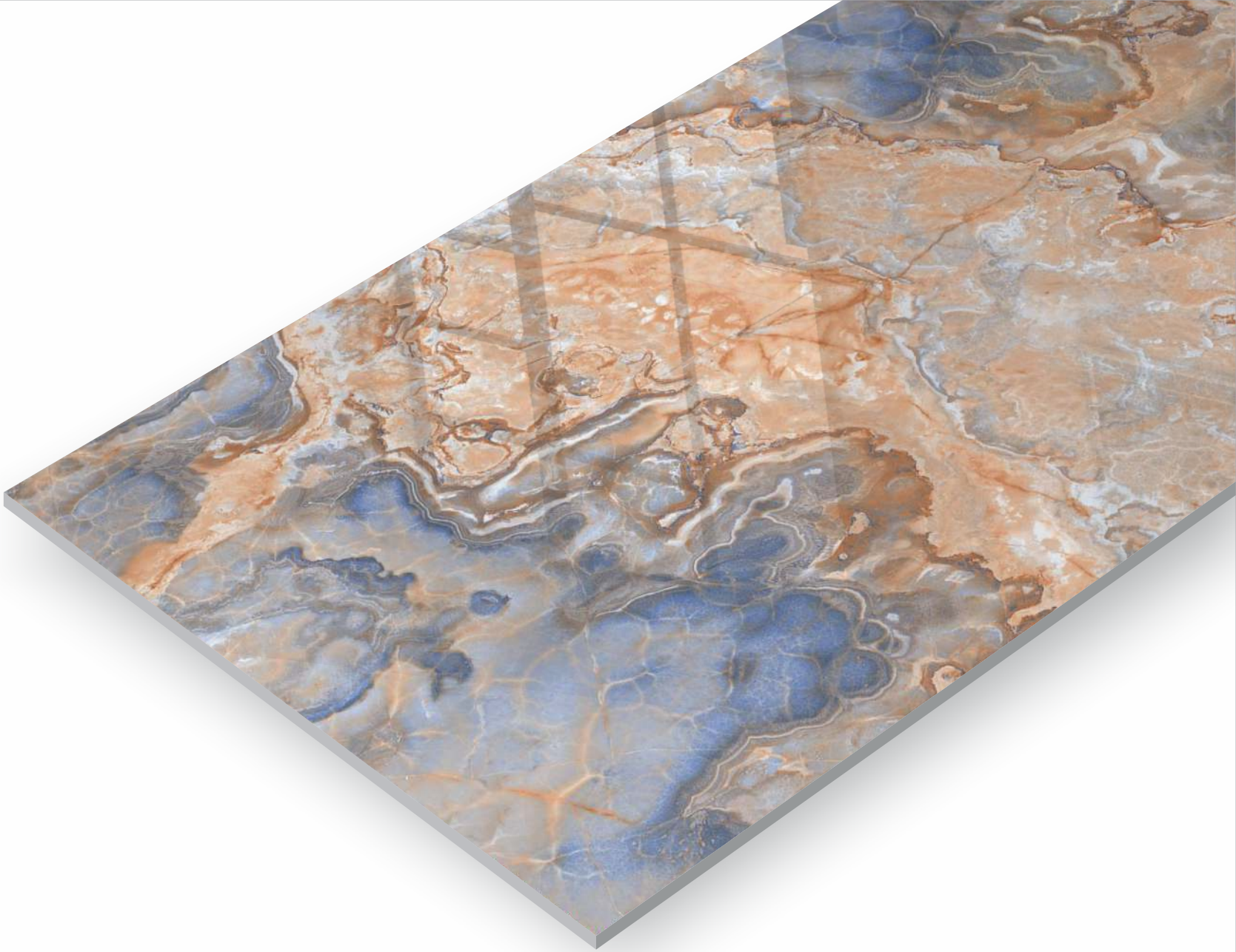
600x 1200mm

Thickness : **9mm**

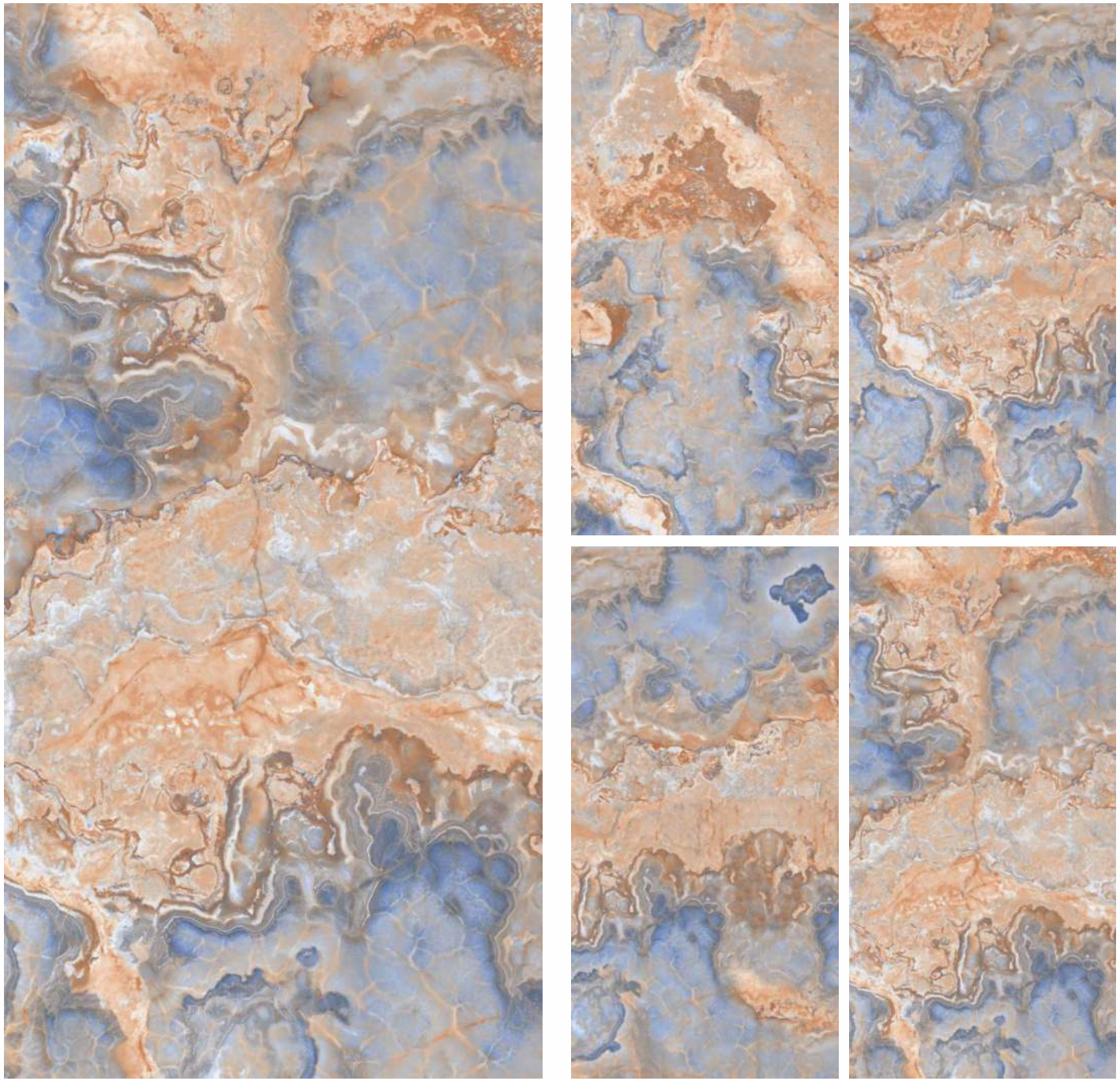
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

coral reef blue



600x
1200mm



coral reef blue

600x 1200mm

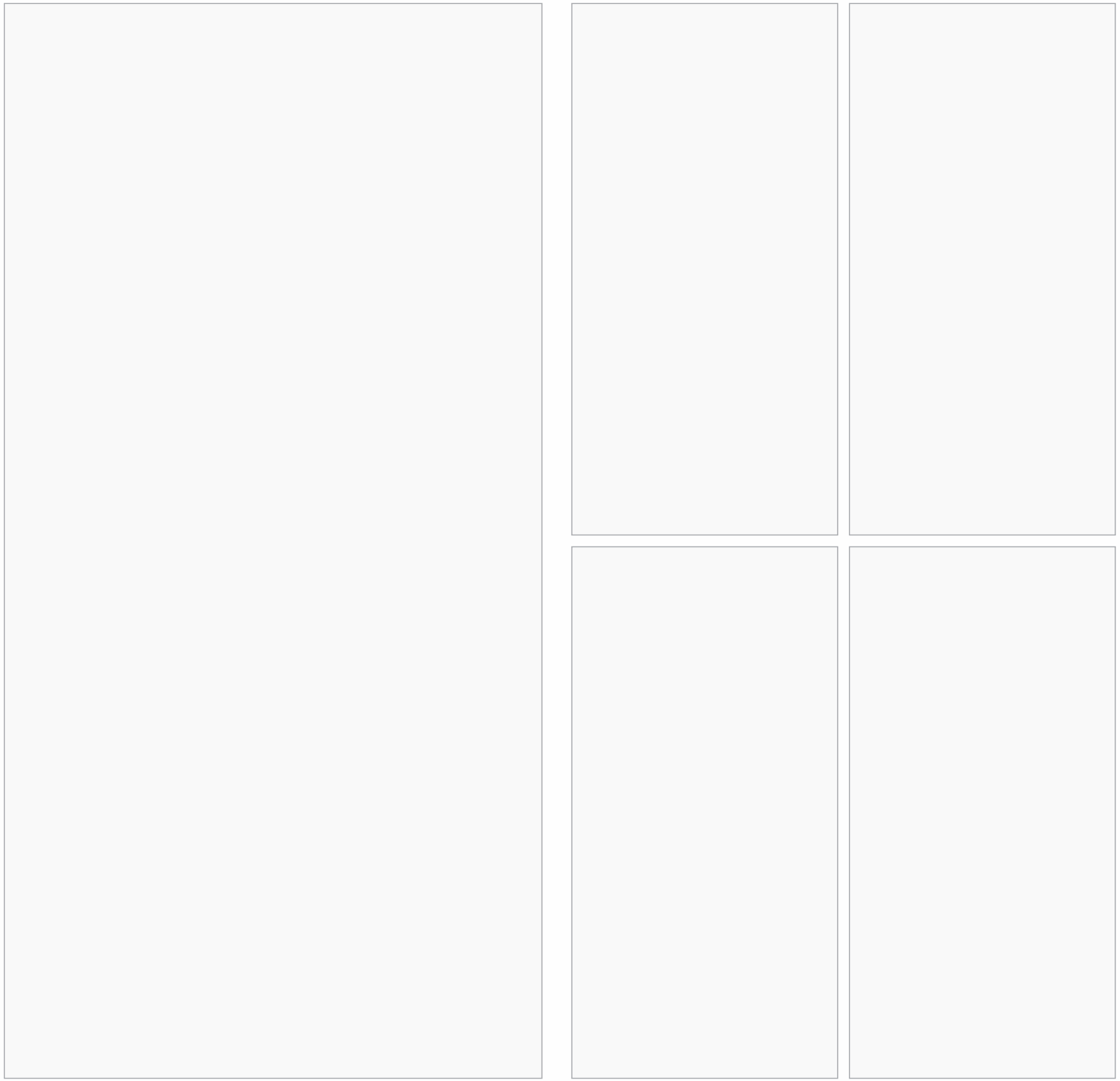
Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

brilliant white

600x
1200mm



brilliant white

600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

super statuario

600x
1200mm

super statuario

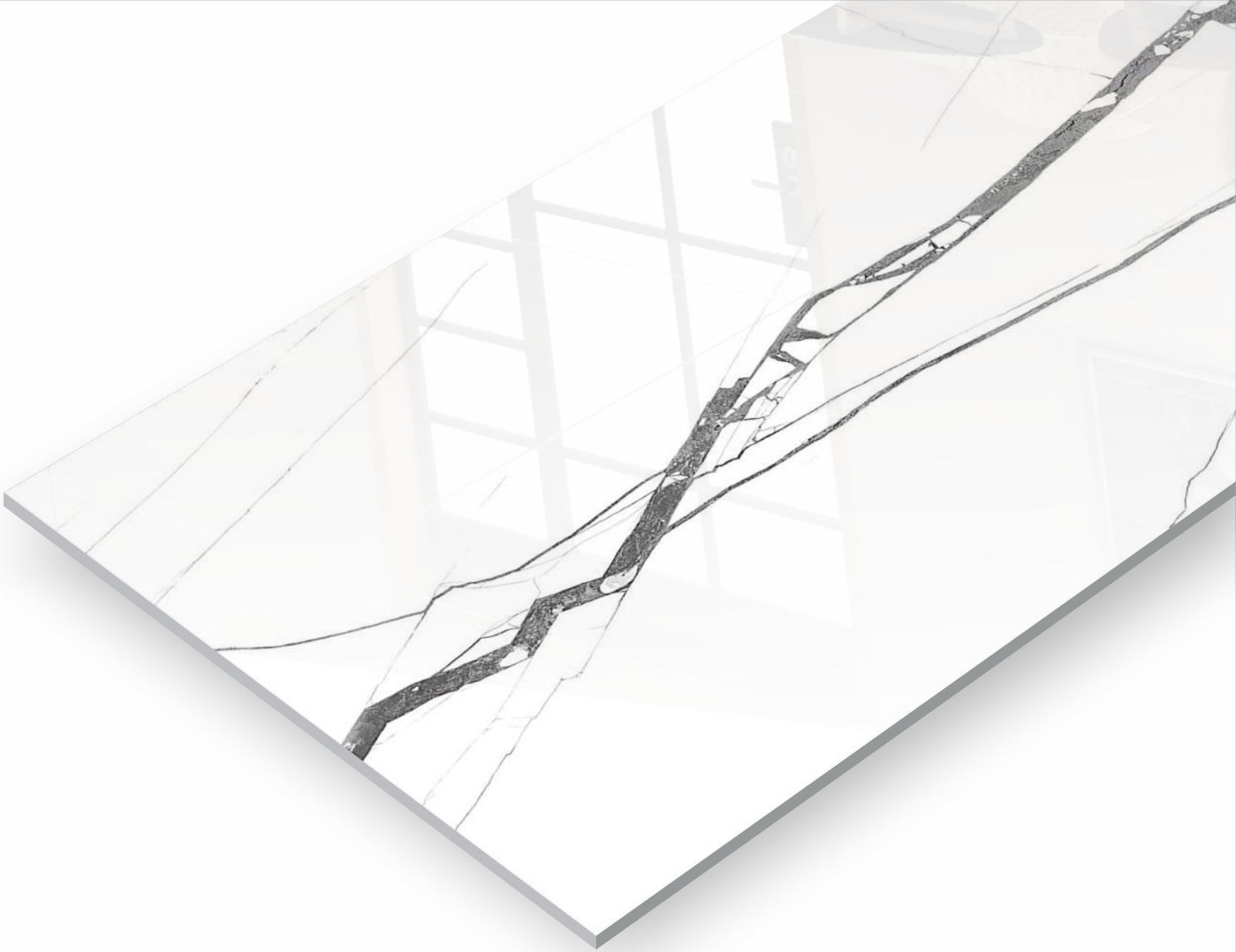
600x 1200mm

Thickness : **9mm**

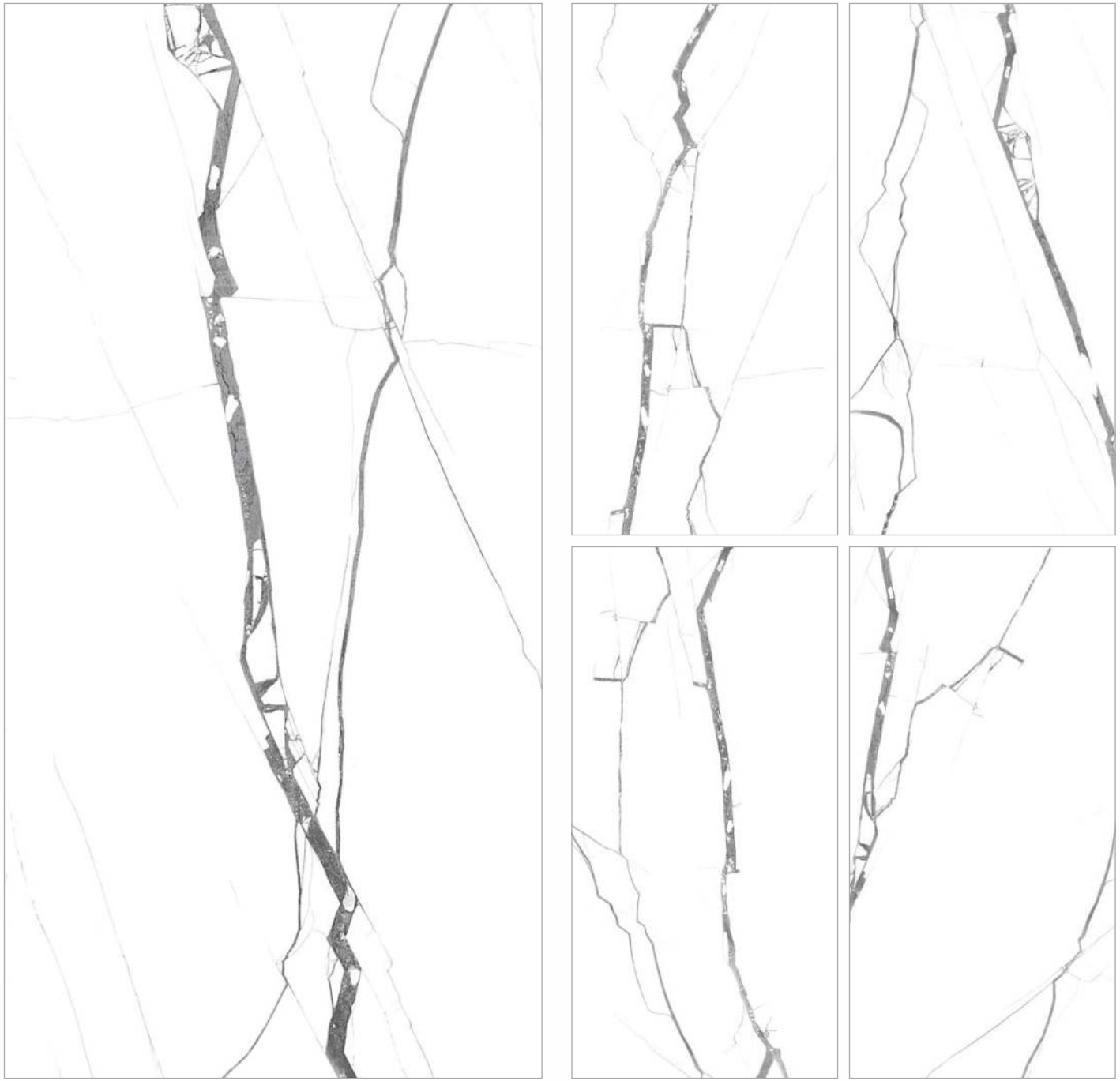
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

vienna white



600x
1200mm



vienna white

600x 1200mm

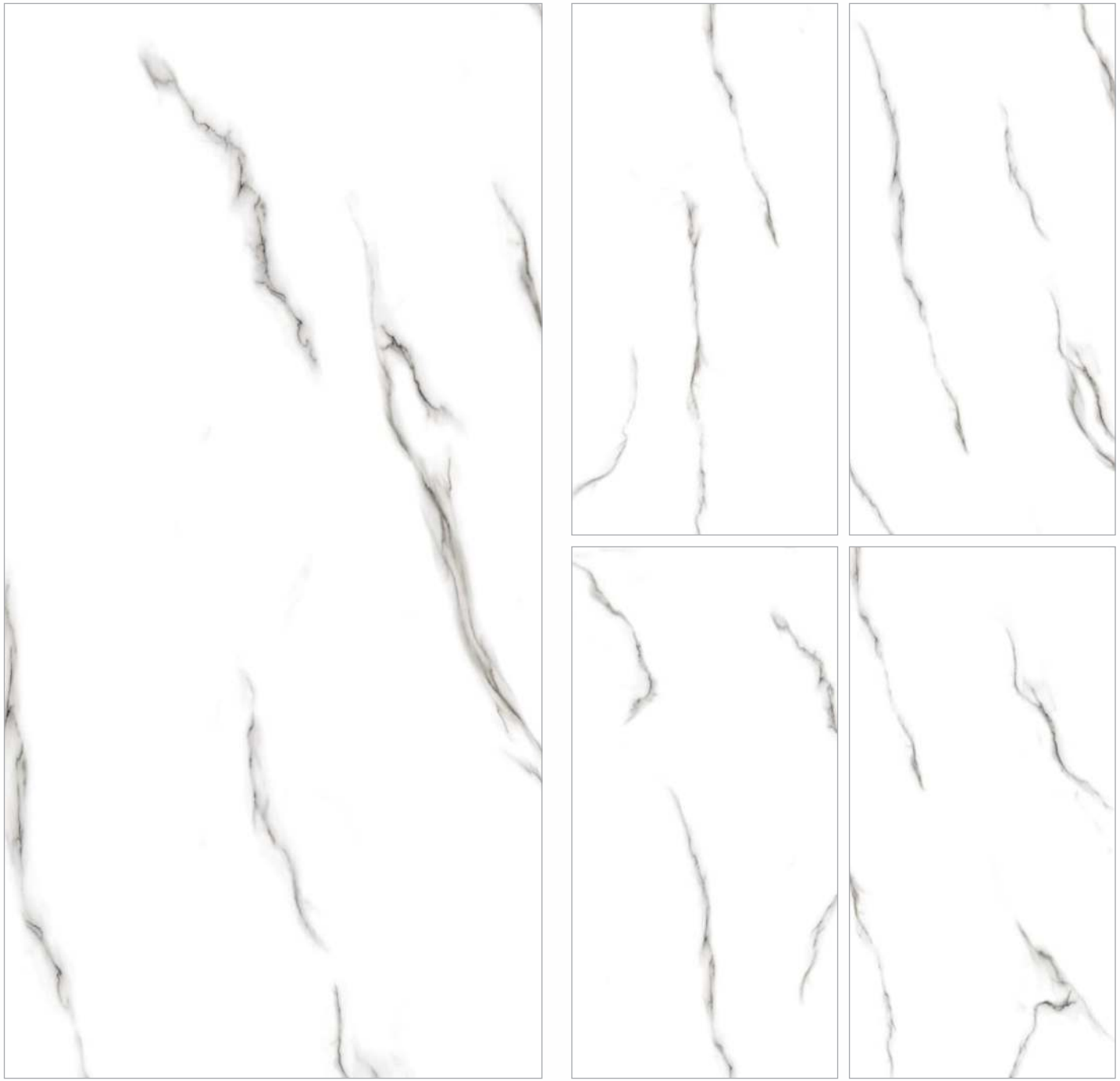
Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

statuario grey

600x
1200mm



statuario grey

600x 1200mm

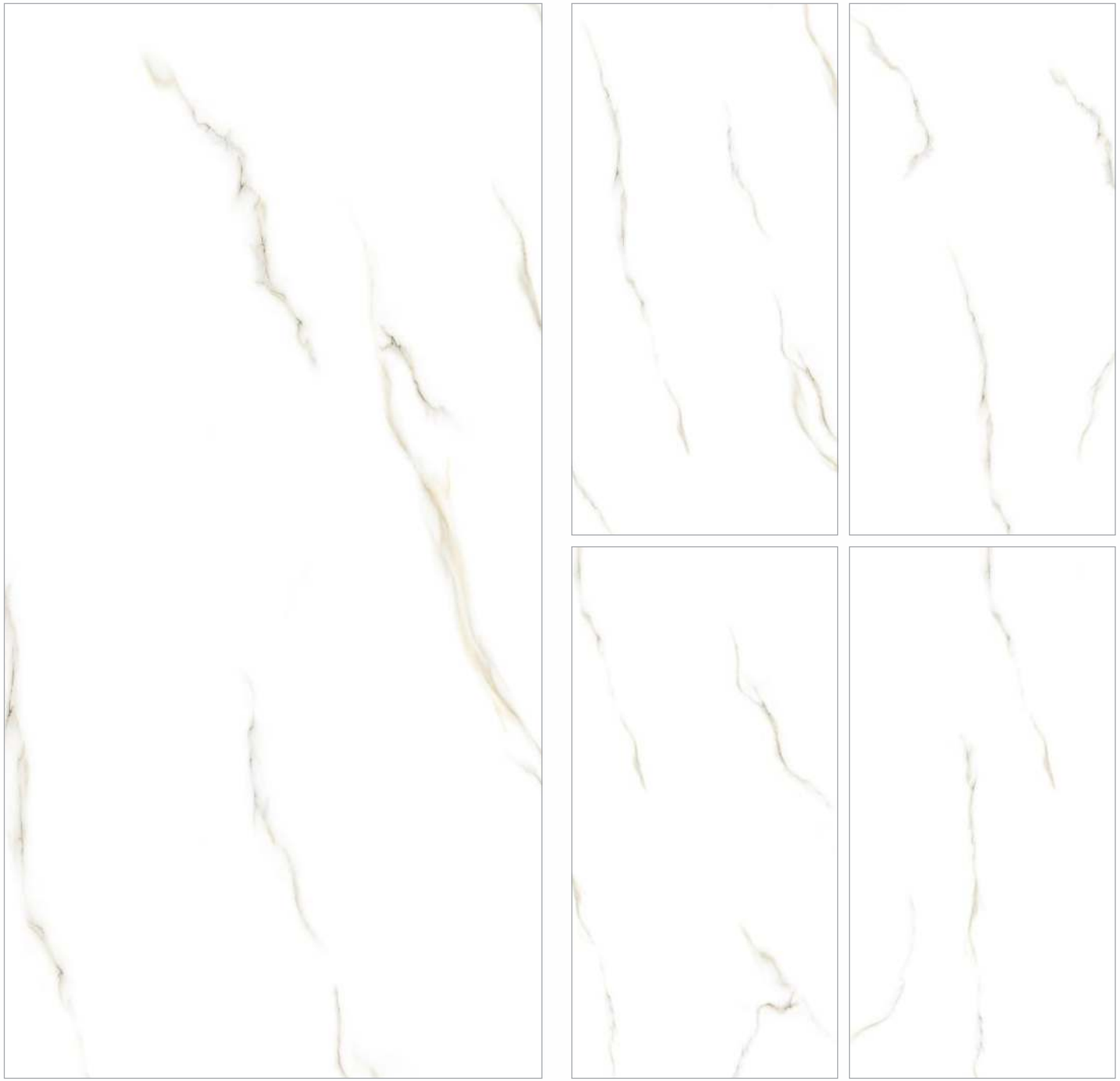
Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

imperial statuario

600x
1200mm



imperial statuario

600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

classic carrara

600x
1200mm

classic carrara

600x 1200mm

Thickness : **9mm**

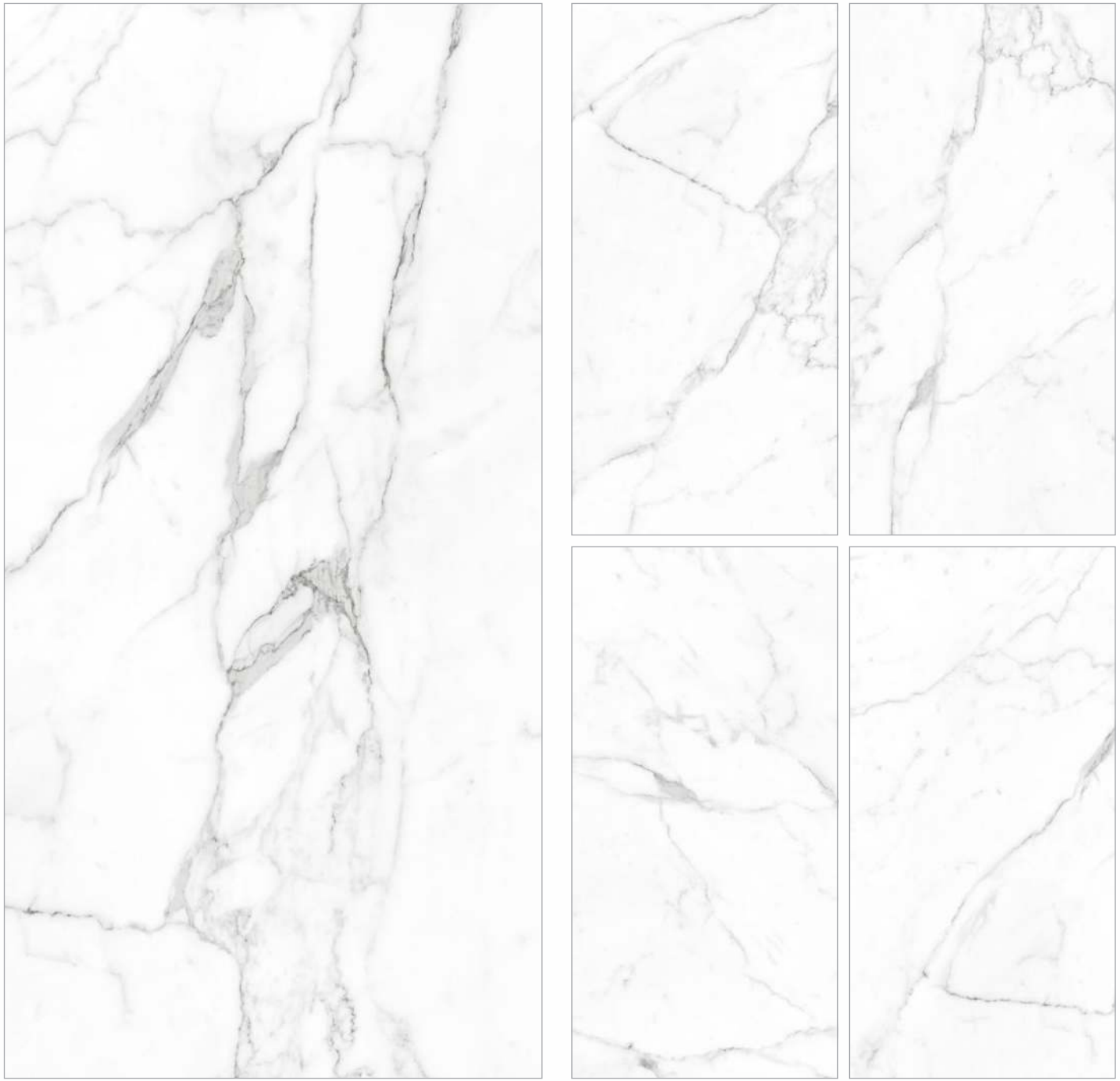
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


classic
carrara

carbon carrara

600x
1200mm



carbon carrara

600x 1200mm

Thickness : **9mm**

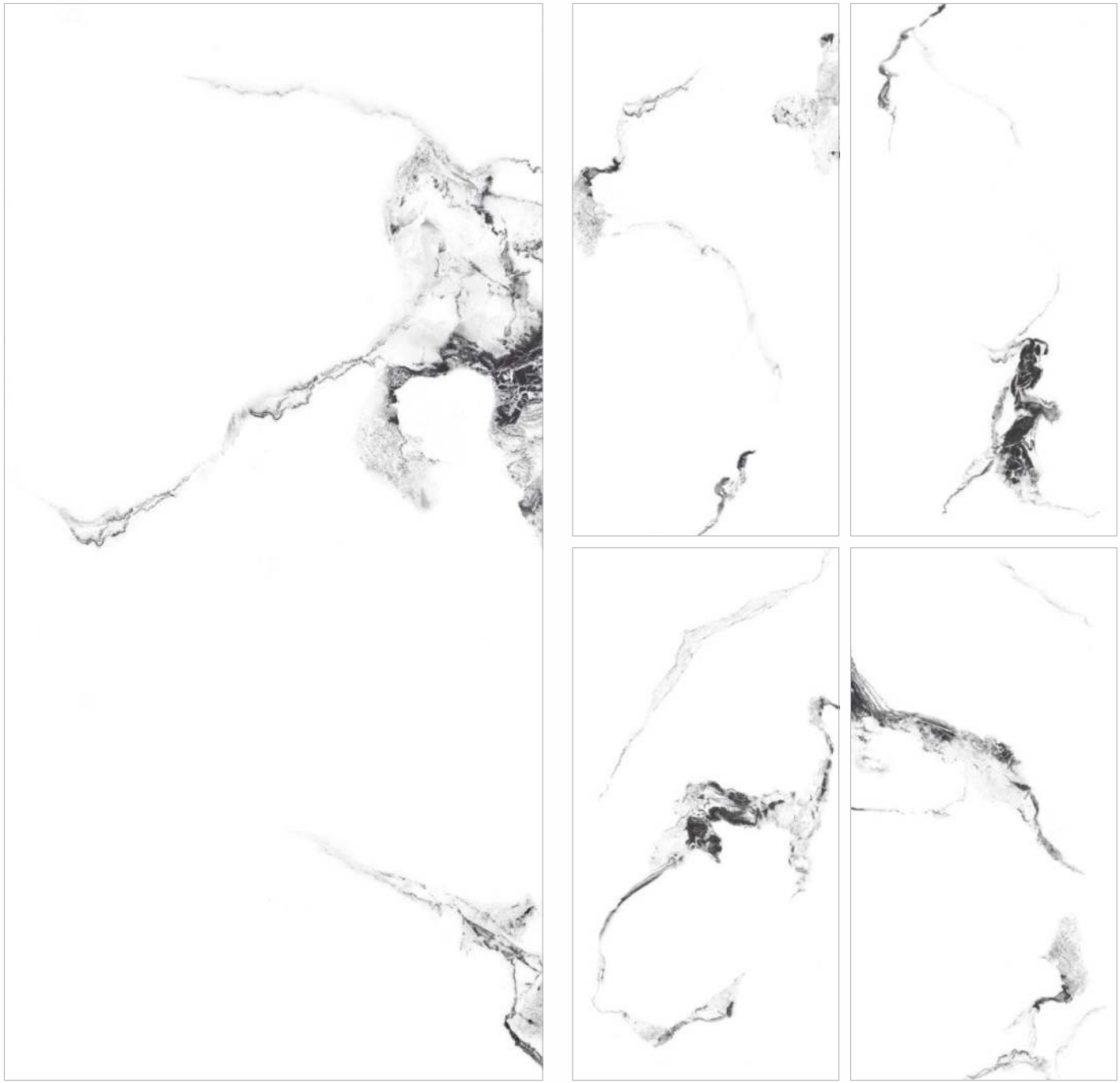
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


carbon
carrara

carrara black

600x
1200mm



carrara black

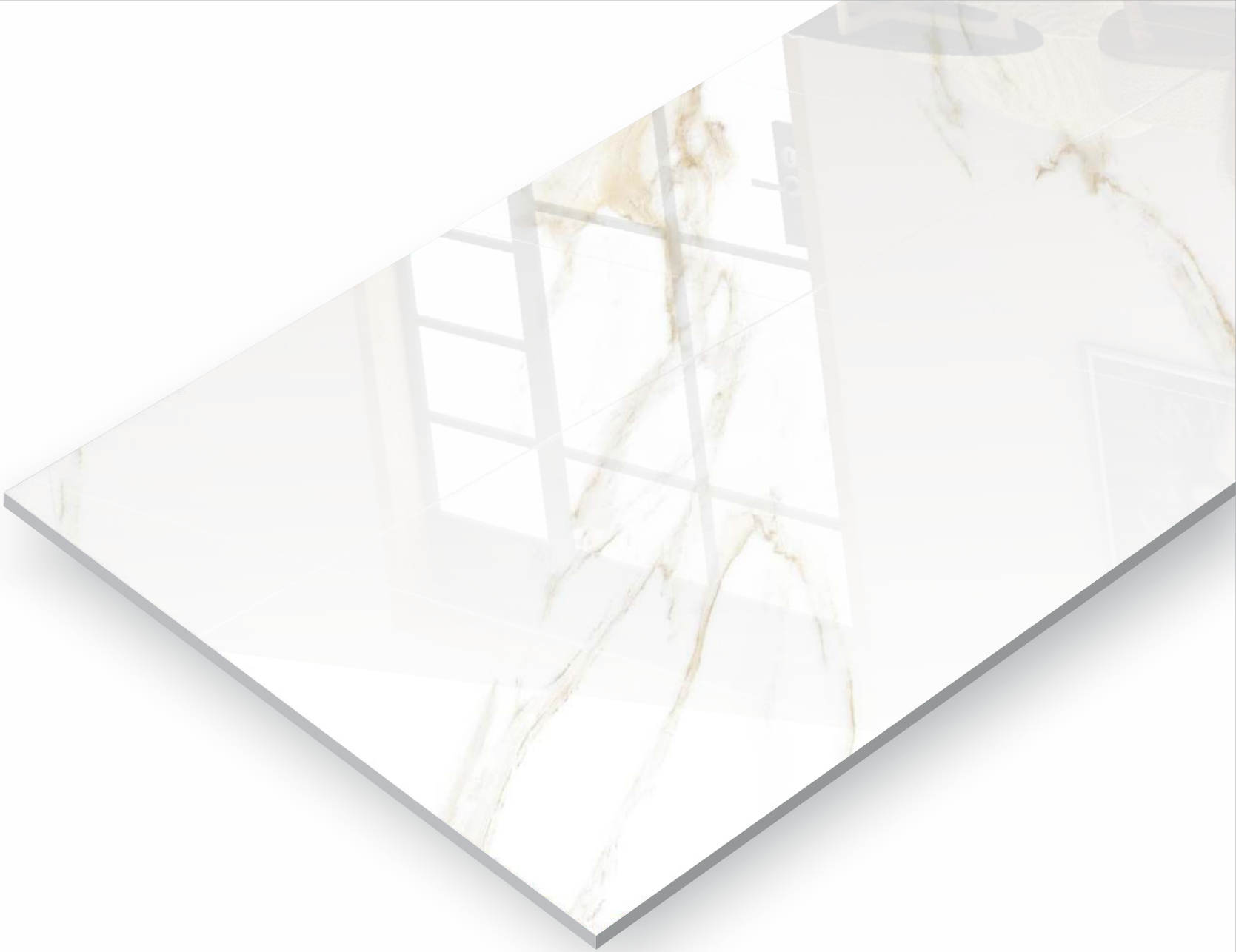
600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

carrara
alaska



600x
1200mm

carrara alaska

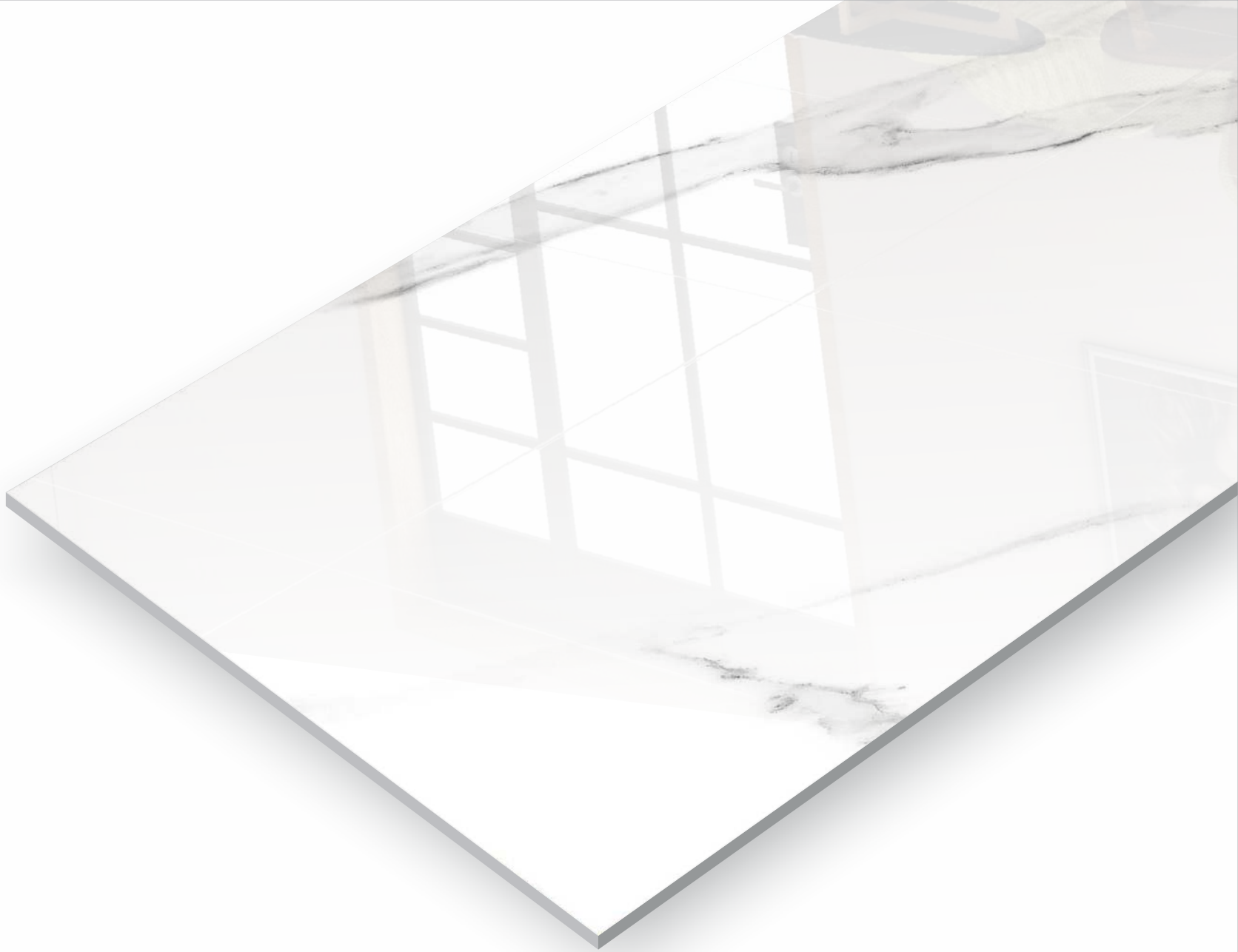
600x 1200mm

Thickness : **9mm**

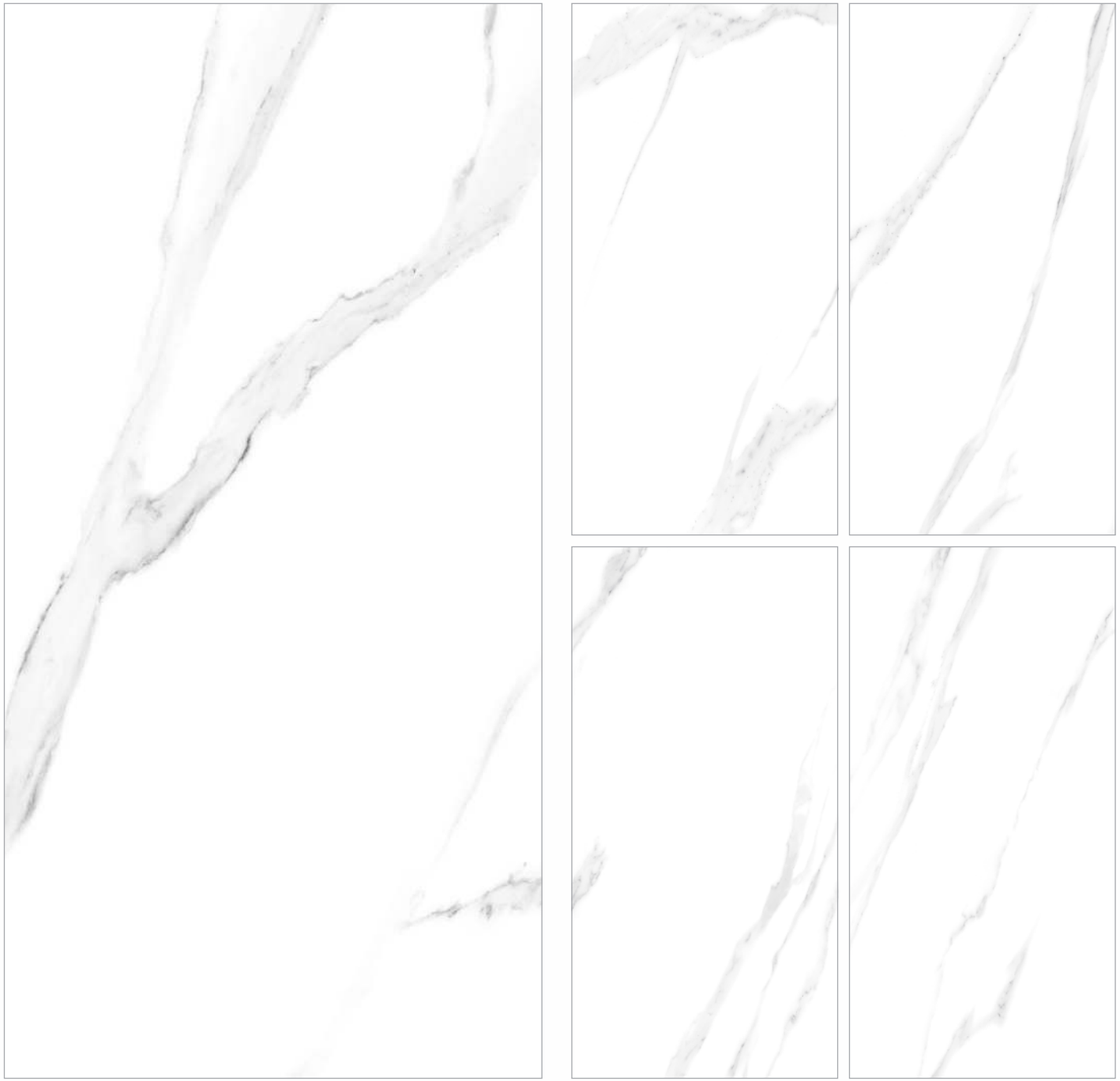
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

carrara perla



600x
1200mm



carrara perla

600x 1200mm

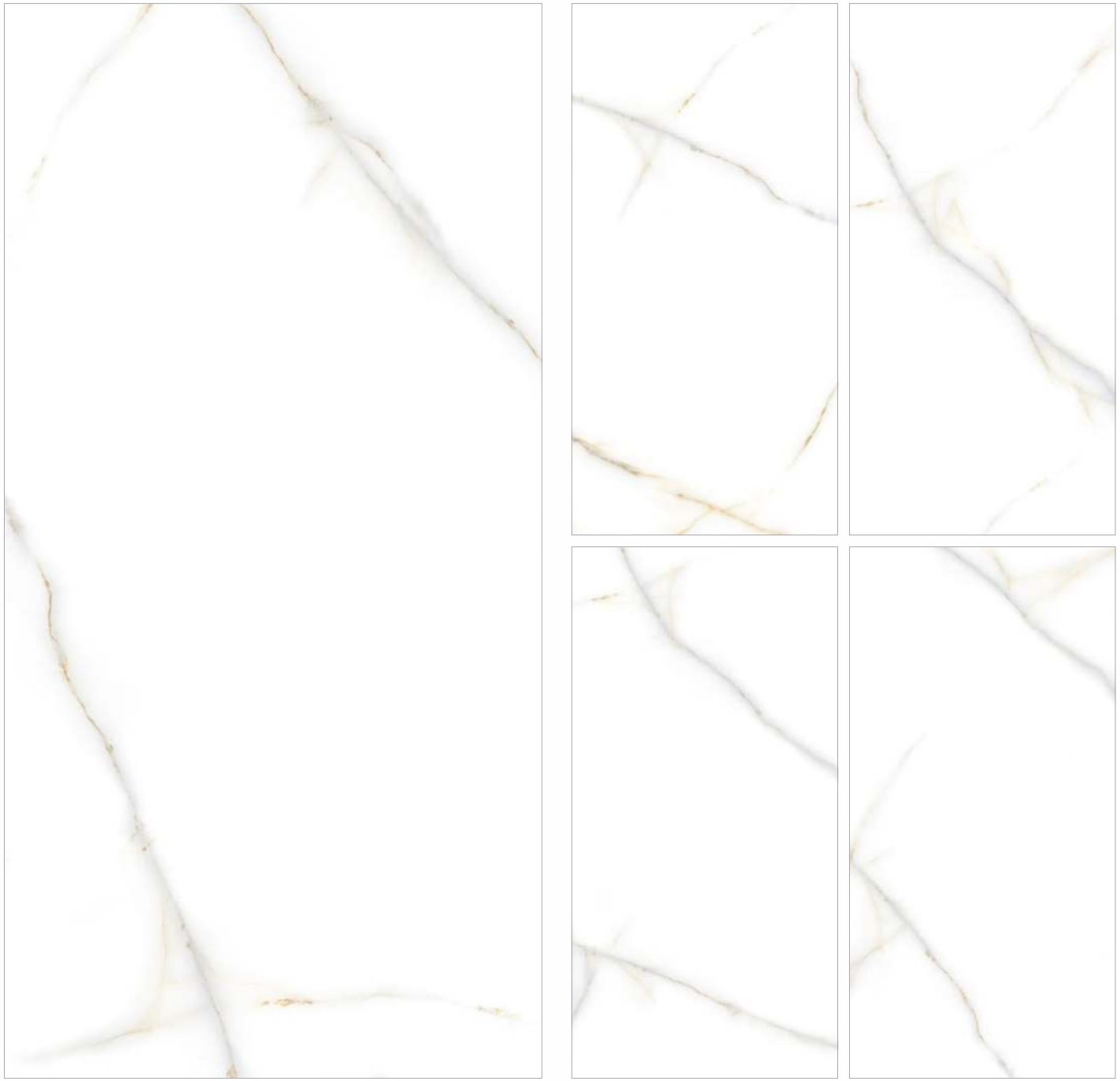
Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

ocean
white onyx

600x
1200mm



ocean white onyx

600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

HIGH STRENGTH

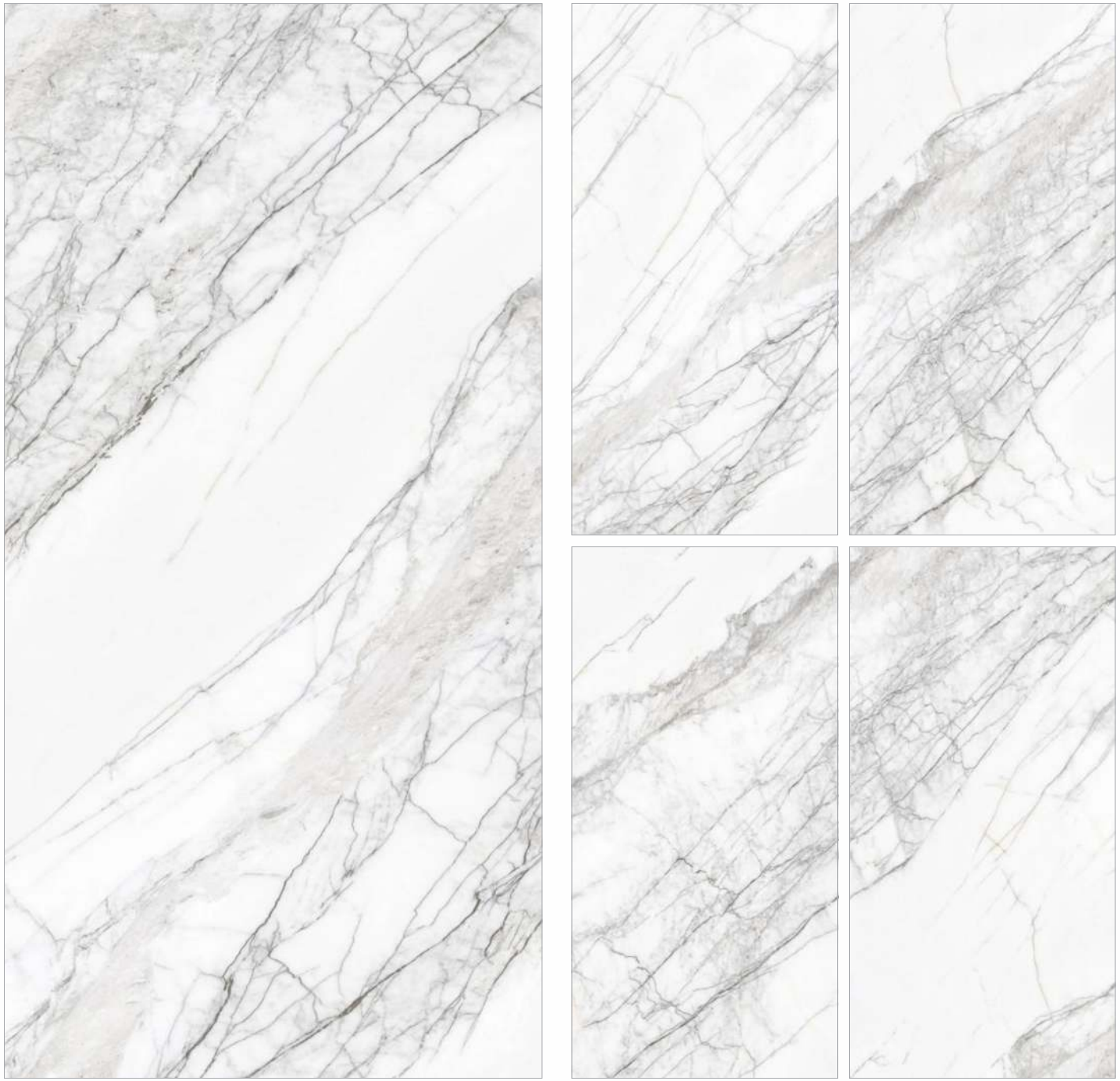
ECO FRIENDLY

RANDOM DESIGN

LOW MAINTENANCE

natural carrara

600x
1200mm



natural carrara

600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

italian statuario

600x
1200mm

italian statuario

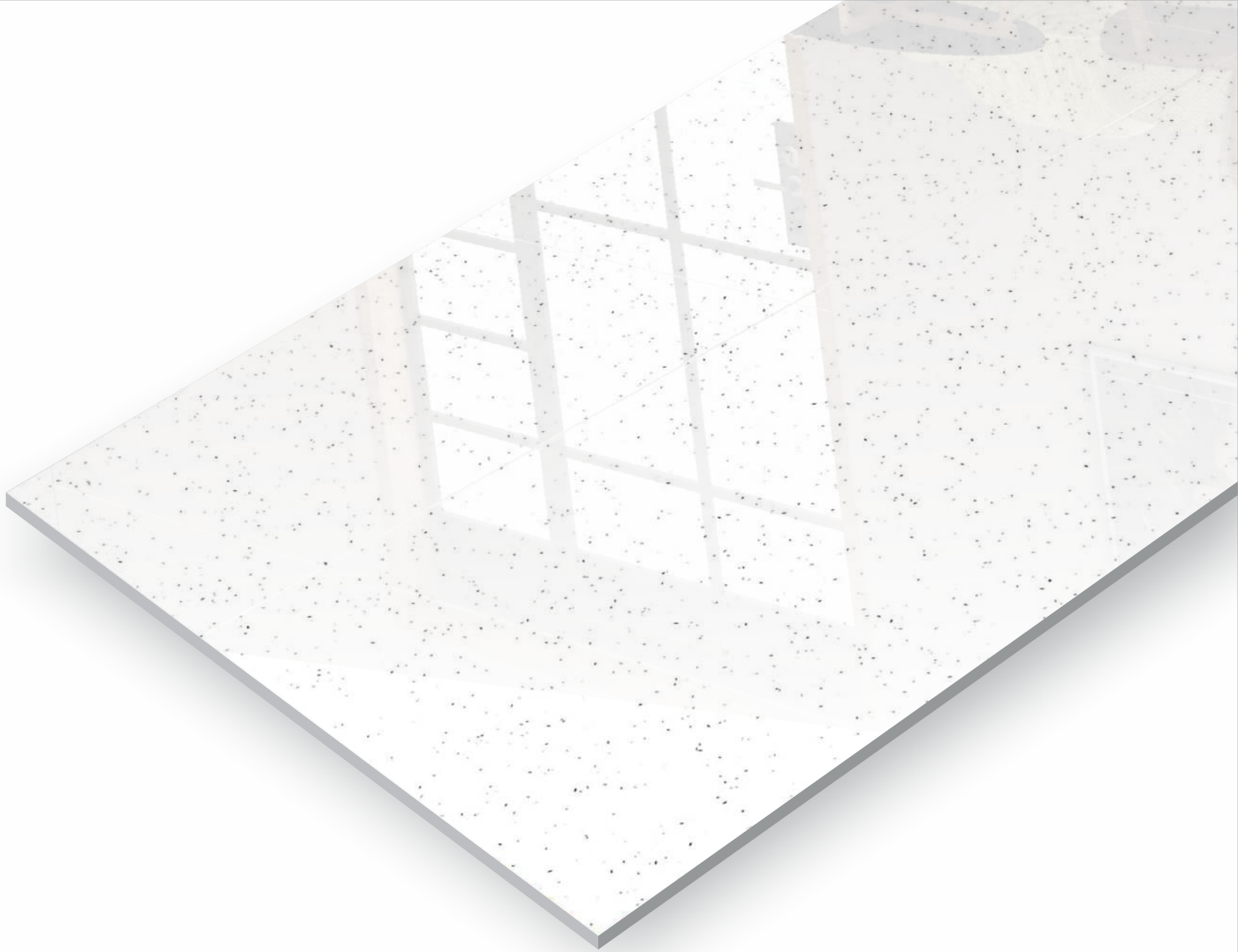
600x 1200mm

Thickness : **9mm**

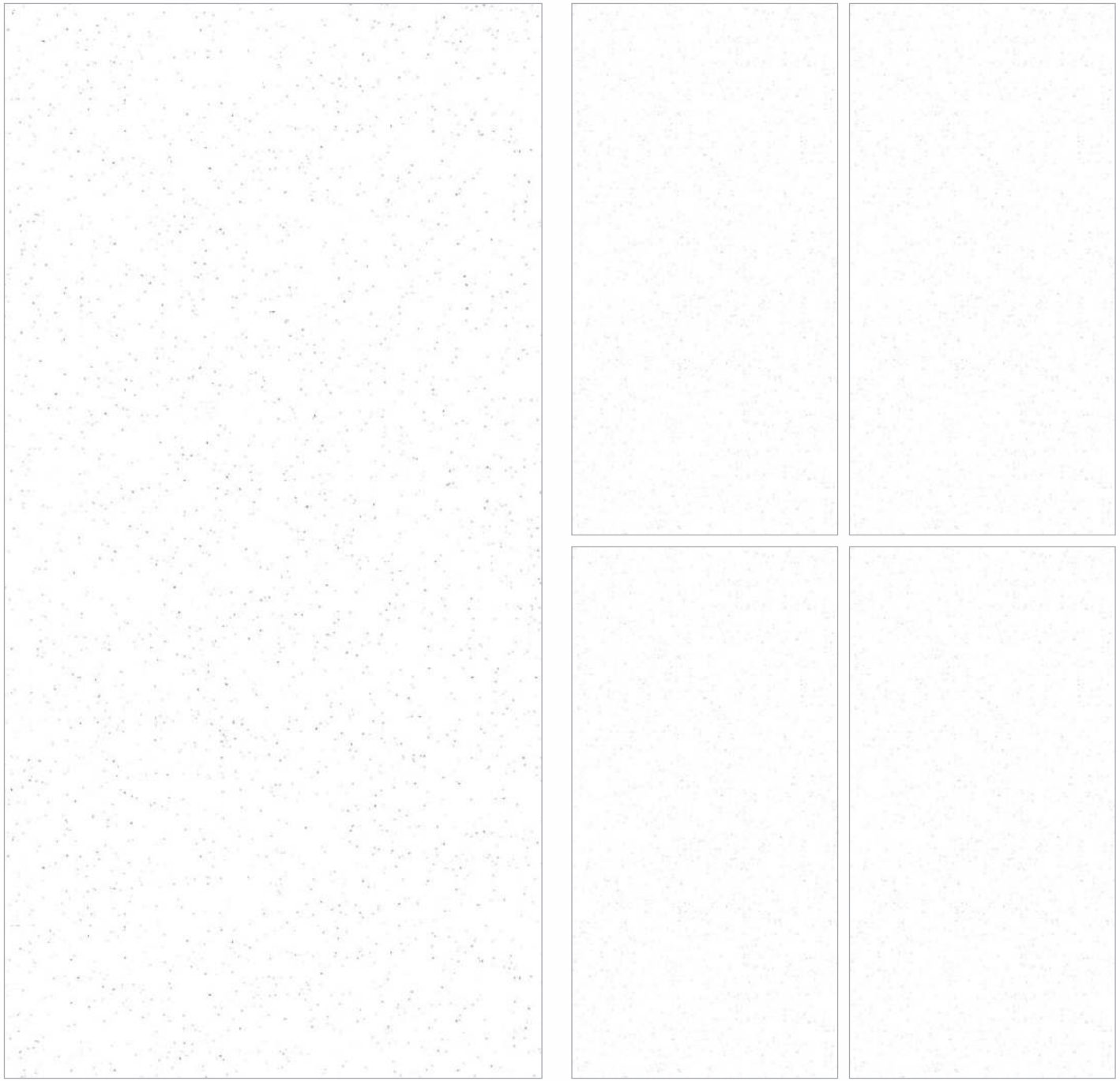
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

black crystel



600x
1200mm



black crystel

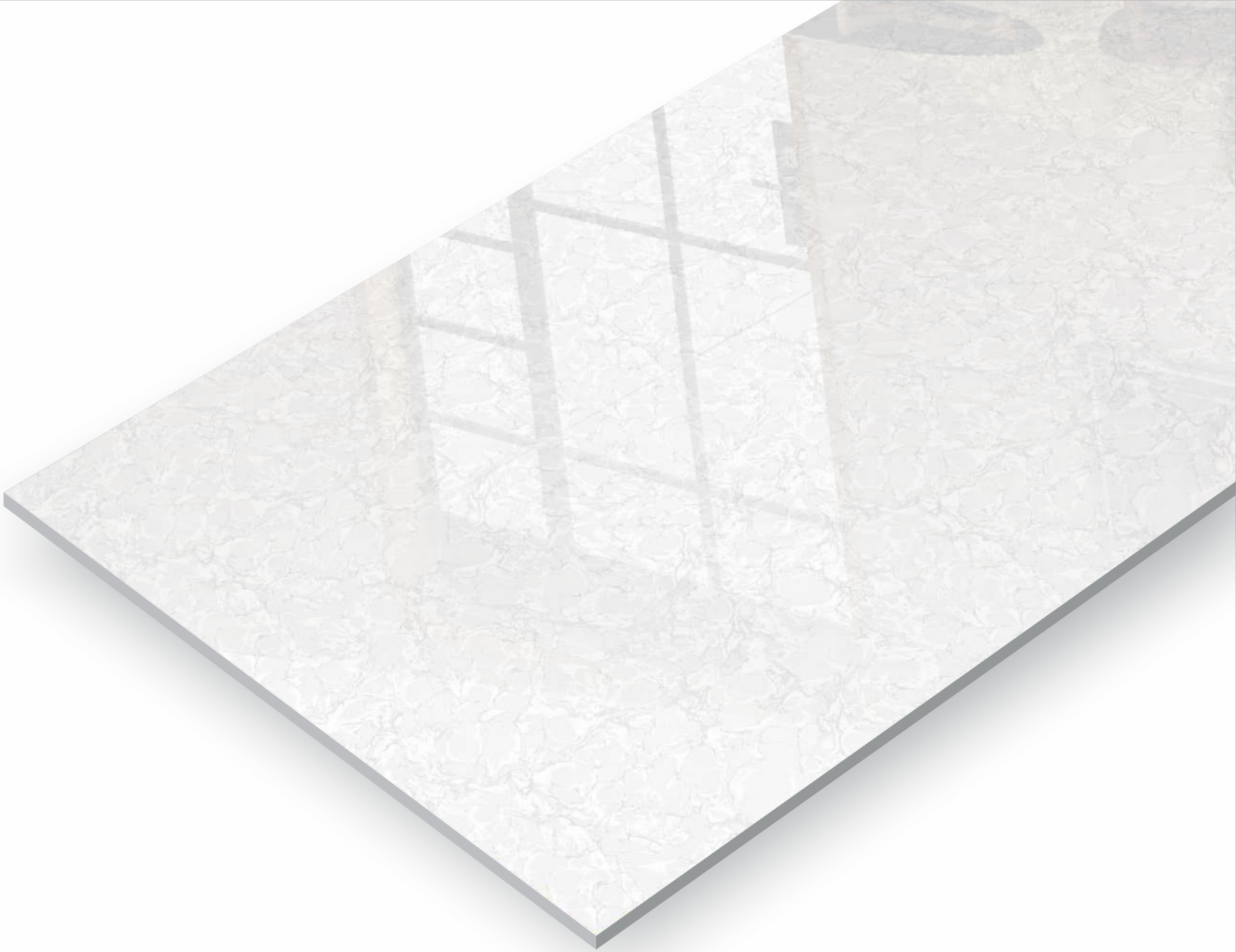
600x 1200mm

Thickness : **9mm**

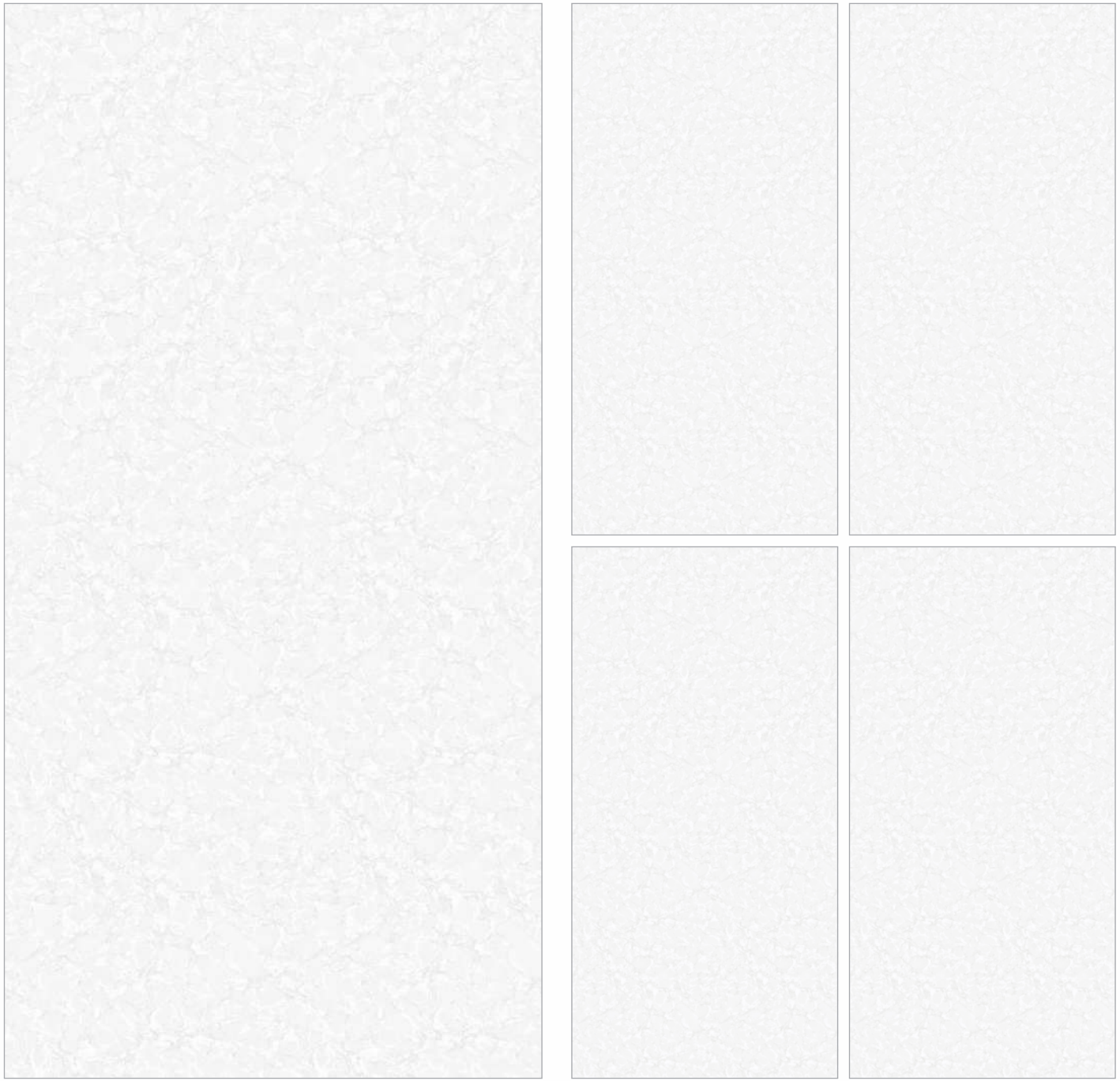
Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

paper grey



600x
1200mm



paper grey

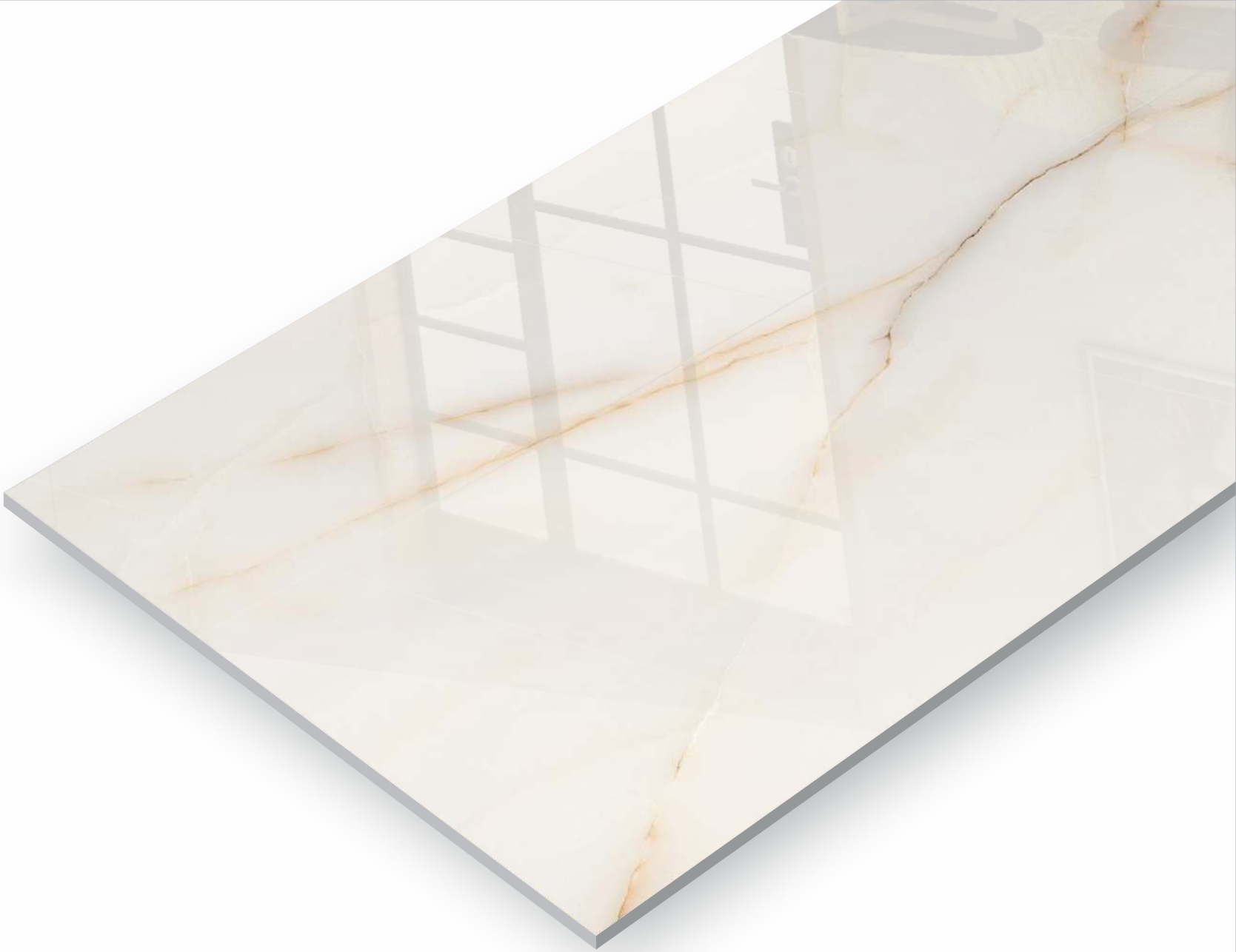
600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

onyx crema



600x
1200mm

onyx crema

600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

antisky onyx

600x
1200mm

antisky onyx

600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


antisky
onyx

italian onyx

600x
1200mm

italian onyx

600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

golden onyx

600x
1200mm

golden onyx

600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

white onyx

600x
1200mm

white onyx

600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE

botticino real

600x
1200mm

botticino real

600x 1200mm

Thickness : **9mm**

Finish: **GLOSSY**

- HIGH STRENGTH
- ECO FRIENDLY
- RANDOM DESIGN
- LOW MAINTENANCE


botticino
real

botticino

600x
1200mm

botticino

600x
1200mm

Thickness : **9mm**

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	Resist ant	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	Thickness (approx*)	Pieces / Box	Area / Box (approx*)	Wt. Kg. (approx*)
1	600x1200 mm	9mm	2pcs.	1.44 sq. mtr.	29

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

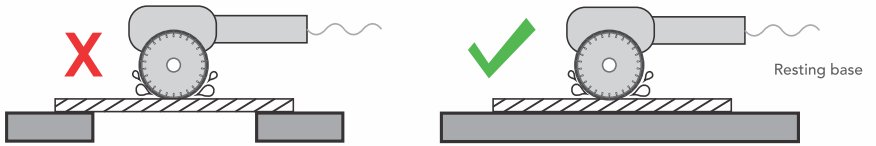
As long as the technical capacity of the cutting machine allows it, it is advisable to finish all the cuts towards the edge of the slab and avoid all the endings at the central area of the slab.

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