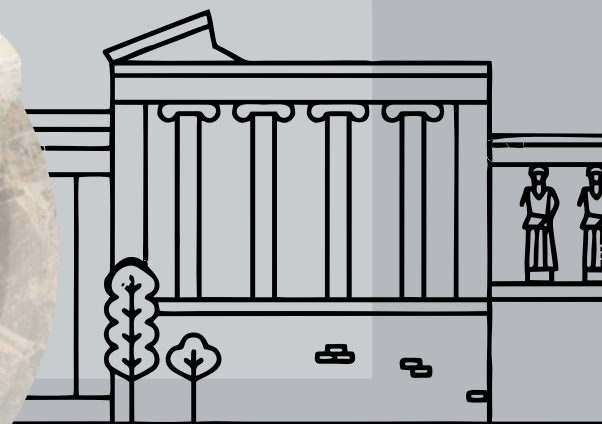
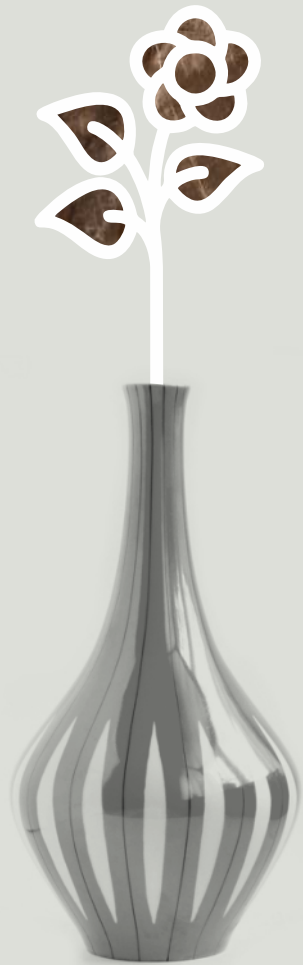


600x1200mm | PGVT
High Glossy Series

HIGH
Glossy



600x1200mm | PGVT
High Glossy Series



reflecting
appearance
of **everlasting
rejuvenation**

The defining combination
of colors and texture resulting
into outstanding designs.

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.



Restaurants



Spa-Wellness



Big Projects



Shops/Offices



Living



Bathroom



Kitchen

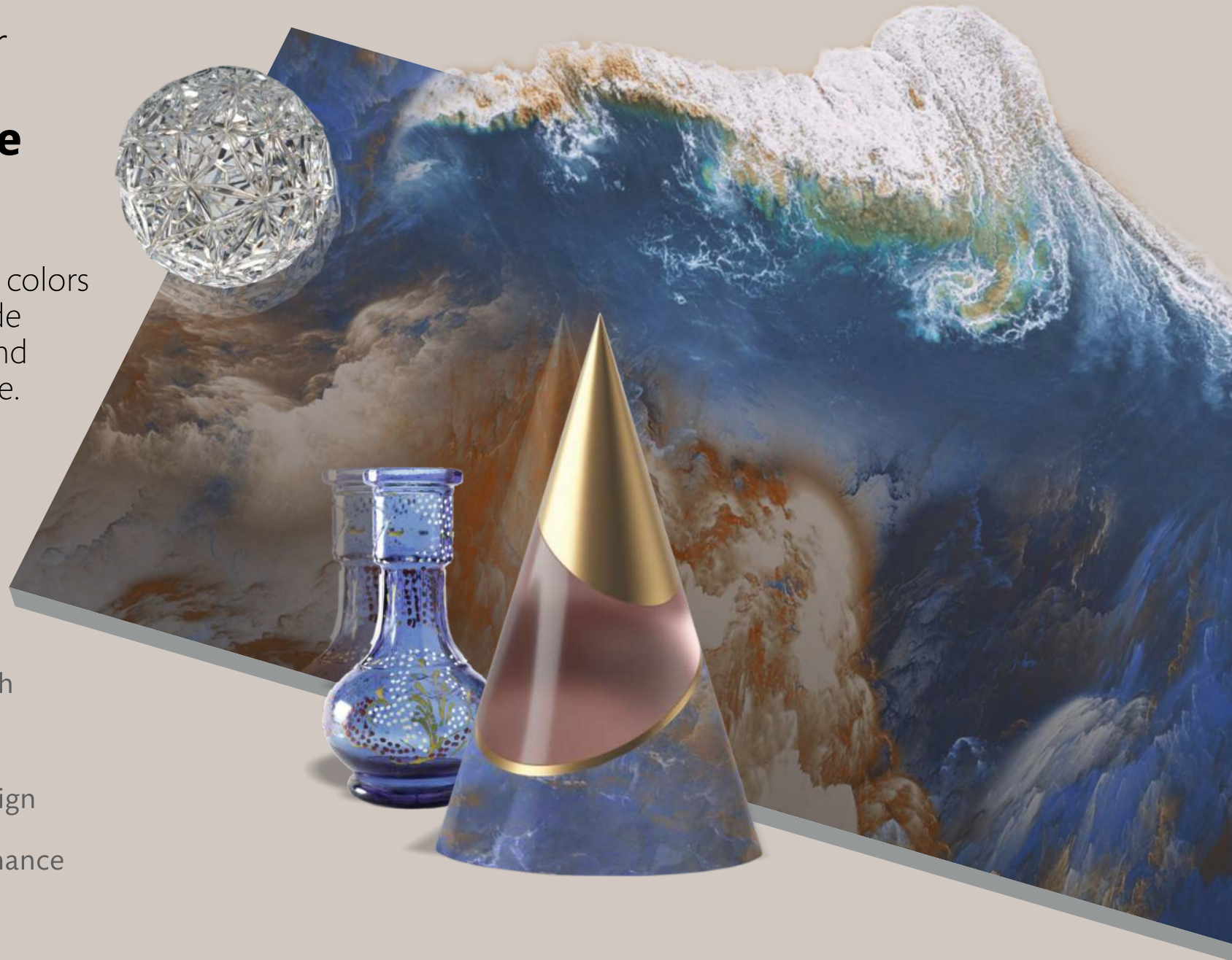


Children-Friendly Spaces

spectacular
shades of
**innovative
designs**

Designs with
perfectly mixed colors
to give the shade
of originality and
beauty of nature.

- 👉 high strength
- ♻️ eco friendly
- 🎨 random design
- ✂️ low maintenance

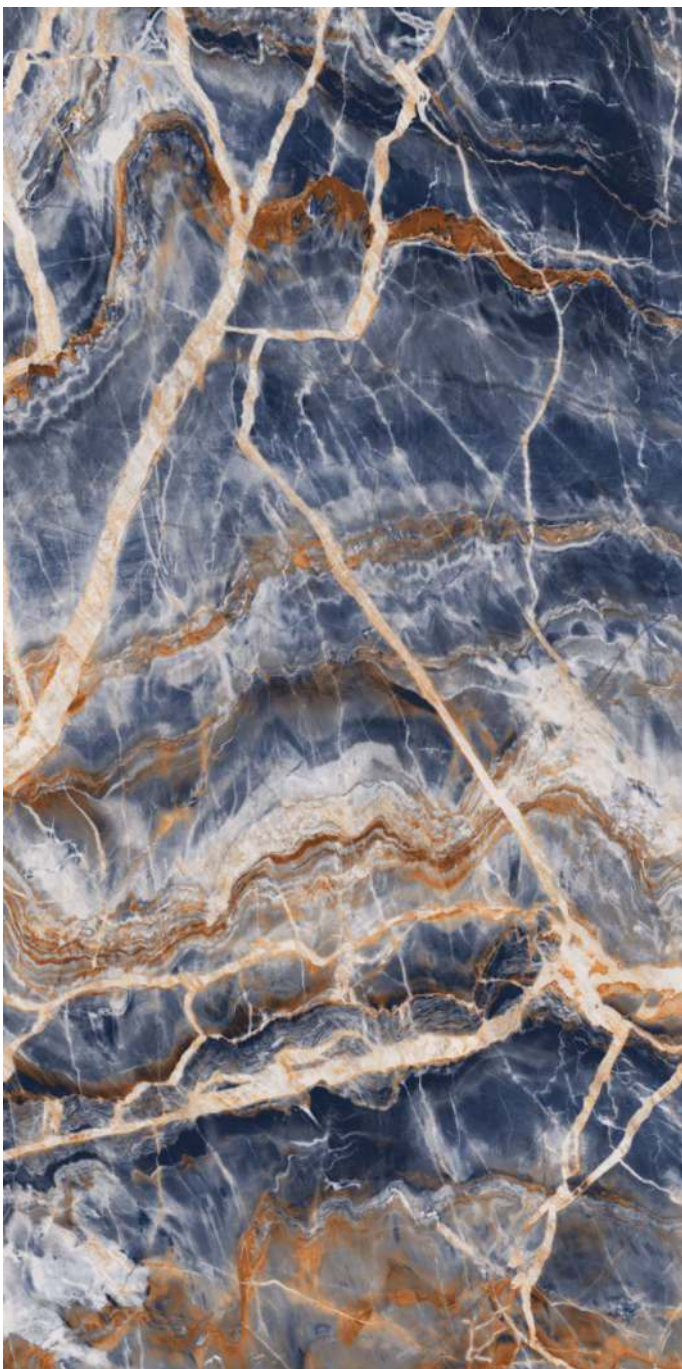


**astrus
blue**



**600x
1200mm**






astrus blue

600x
1200mm



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



astrus
blue

**astrus
bronze**



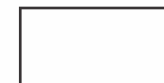
**600x
1200mm**






astrus bronze

600x
1200mm




 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

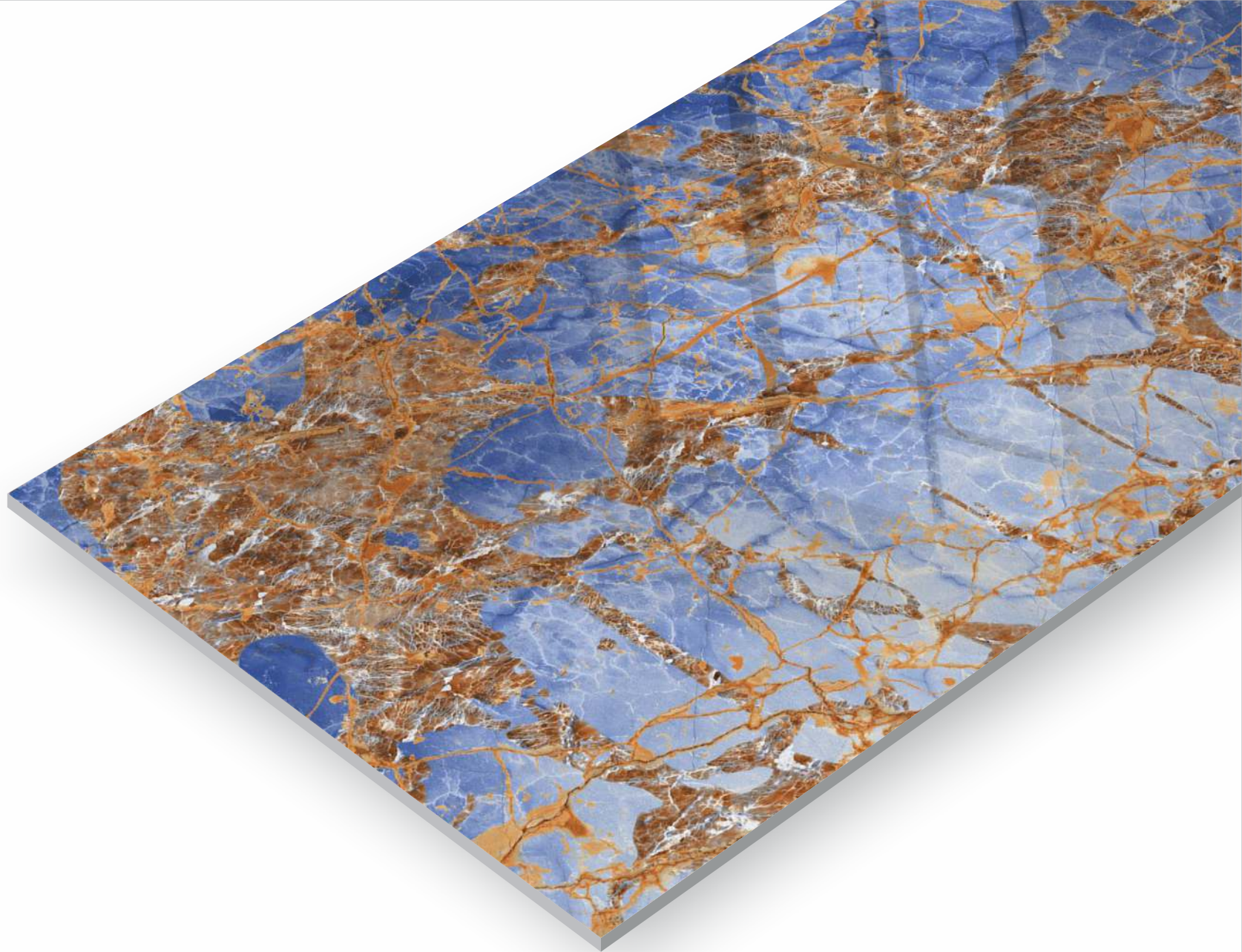
 RANDOM DESIGN

 LOW MAINTENANCE



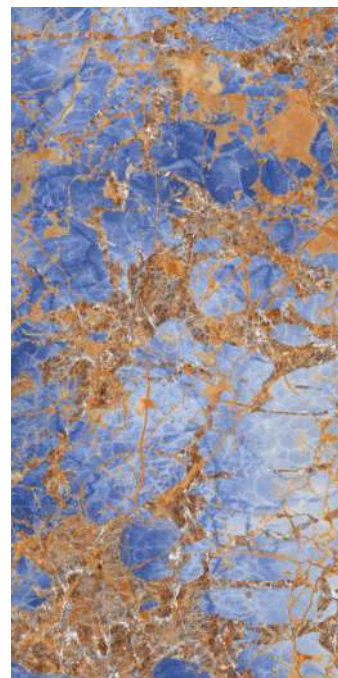
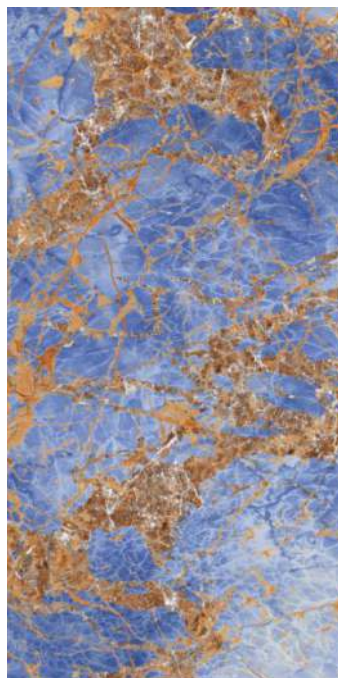
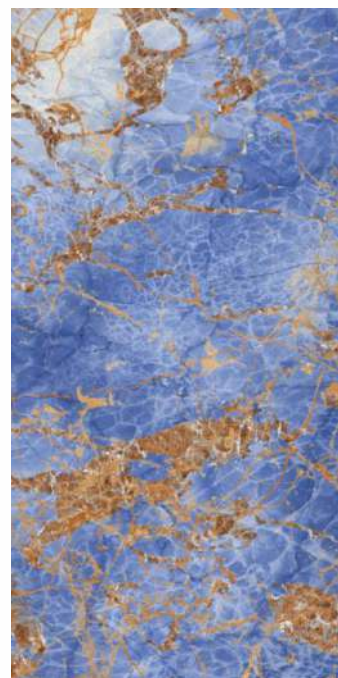
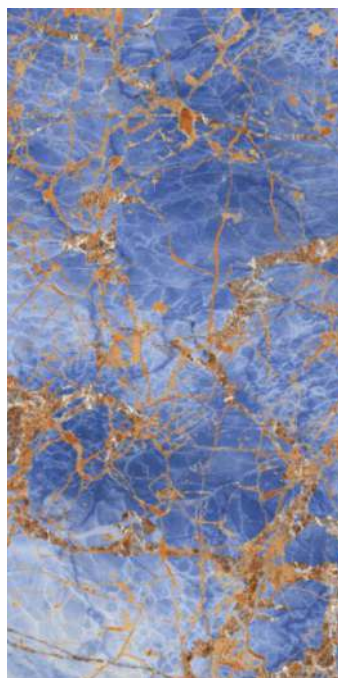
astrus
bronze

**botanic
blue**



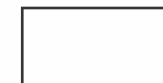
**600x
1200mm**






botanic blue

600x
1200mm



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

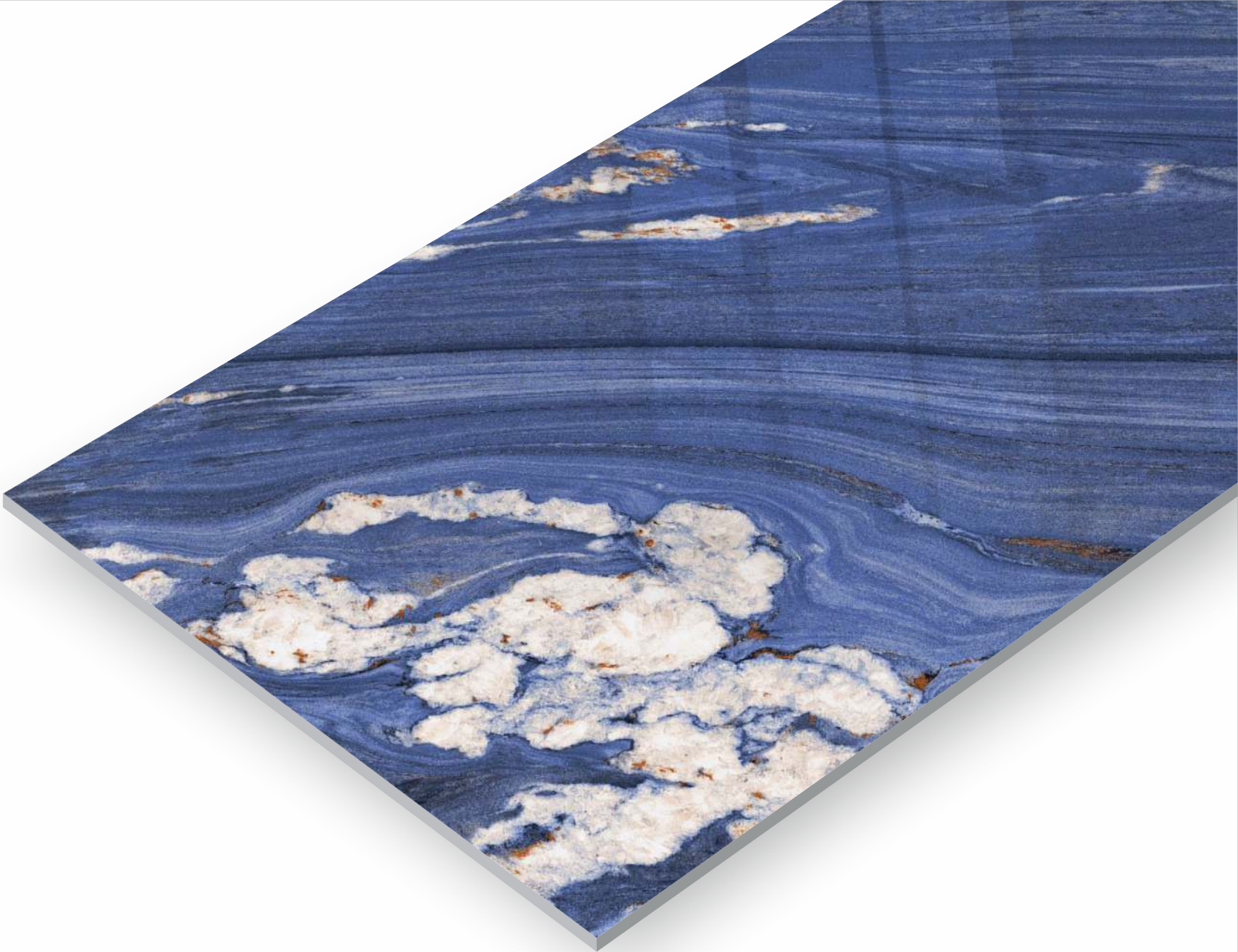
 RANDOM DESIGN

 LOW MAINTENANCE



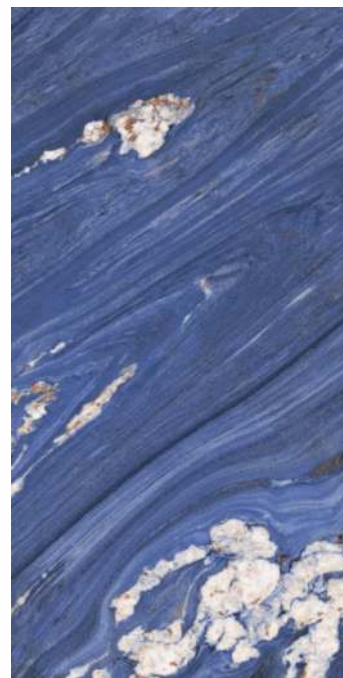
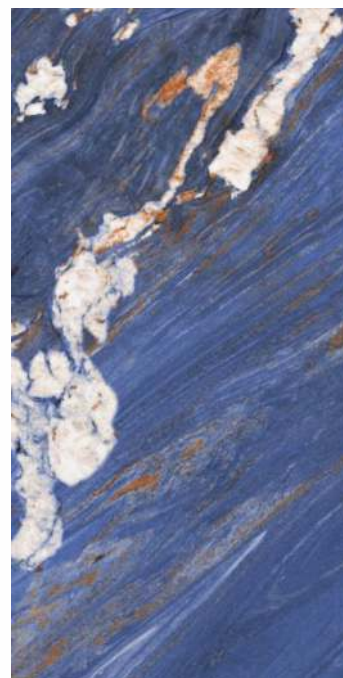
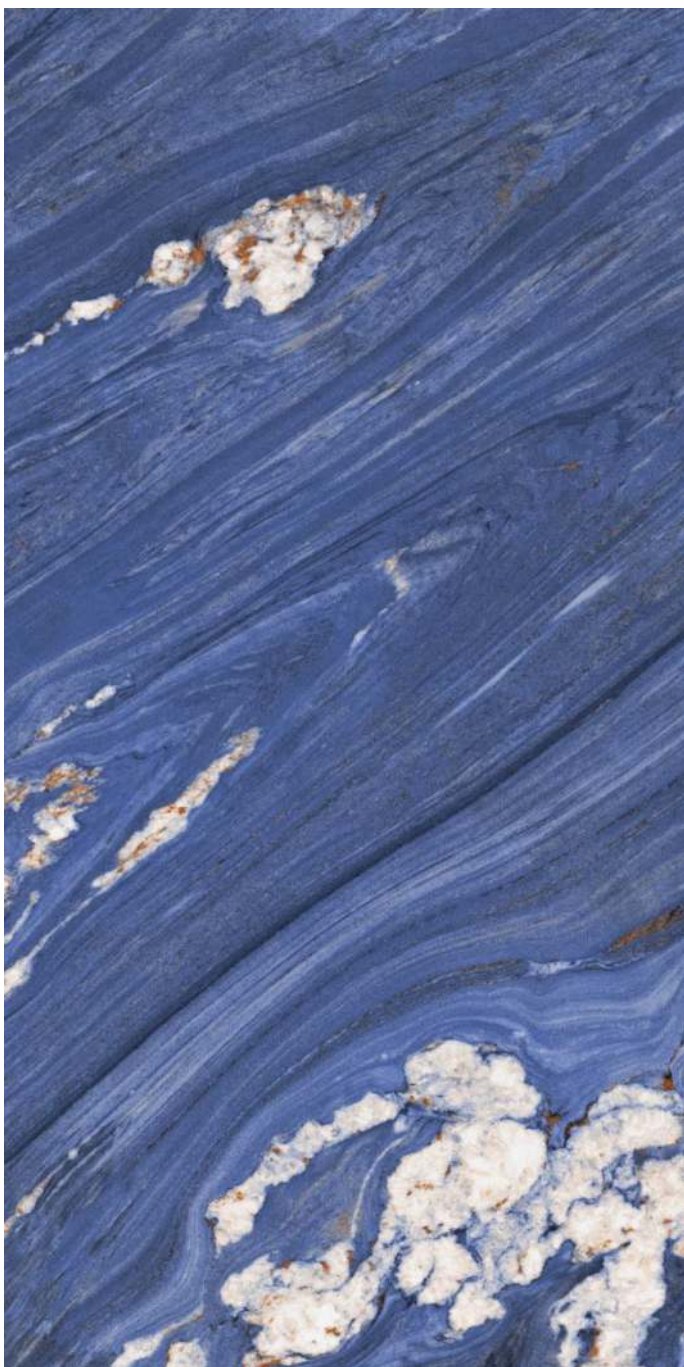
botanic
blue

**colonial
duke blue**



**600x
1200mm**






colonial duke blue

600x
1200mm



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



colonial
duke blue

**cosmic
black**



**600x
1200mm**






cosmic black

600x
1200mm



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

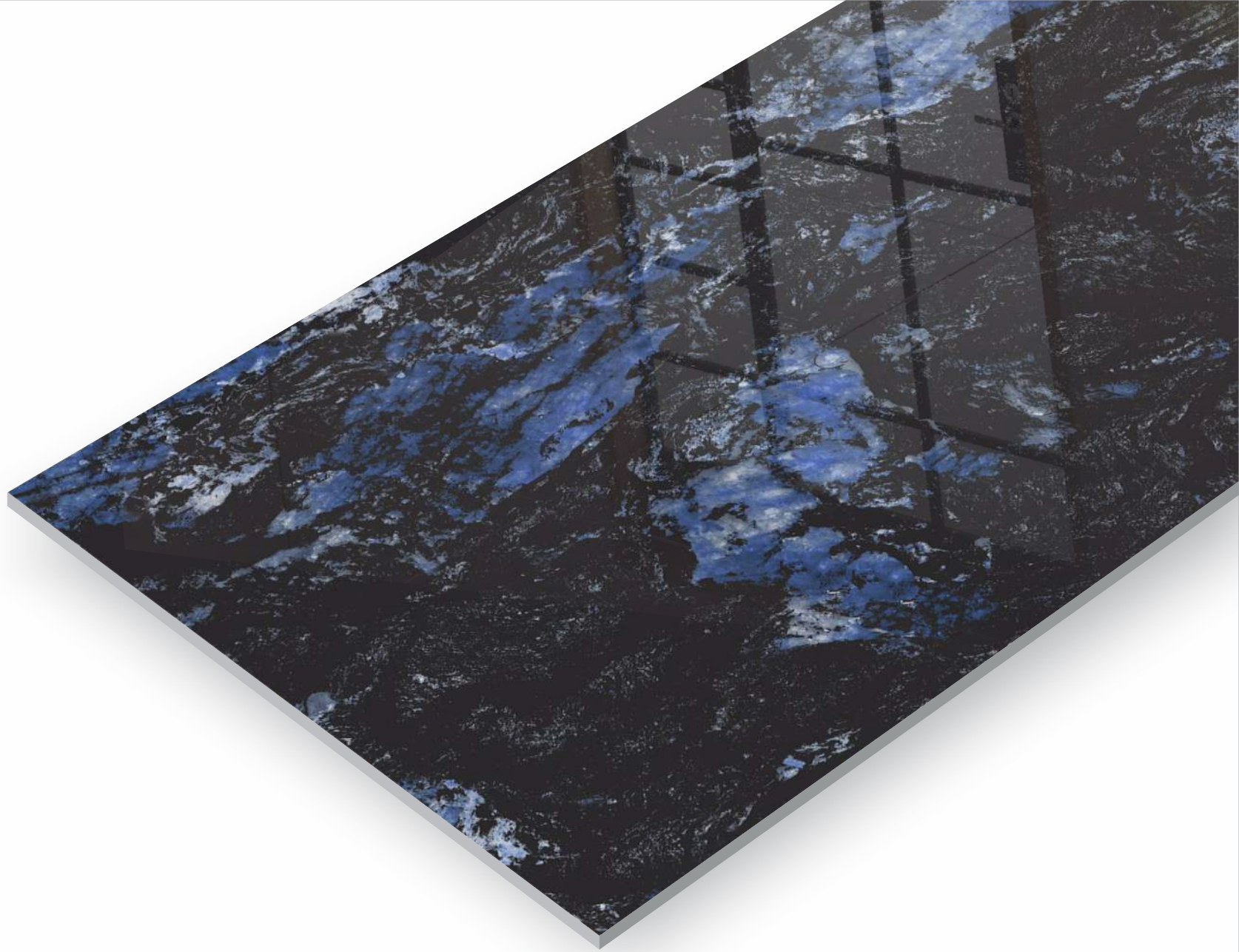
 RANDOM DESIGN

 LOW MAINTENANCE



cosmic
black

**cosmic
blue**



**600x
1200mm**






cosmic blue

600x
1200mm




 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

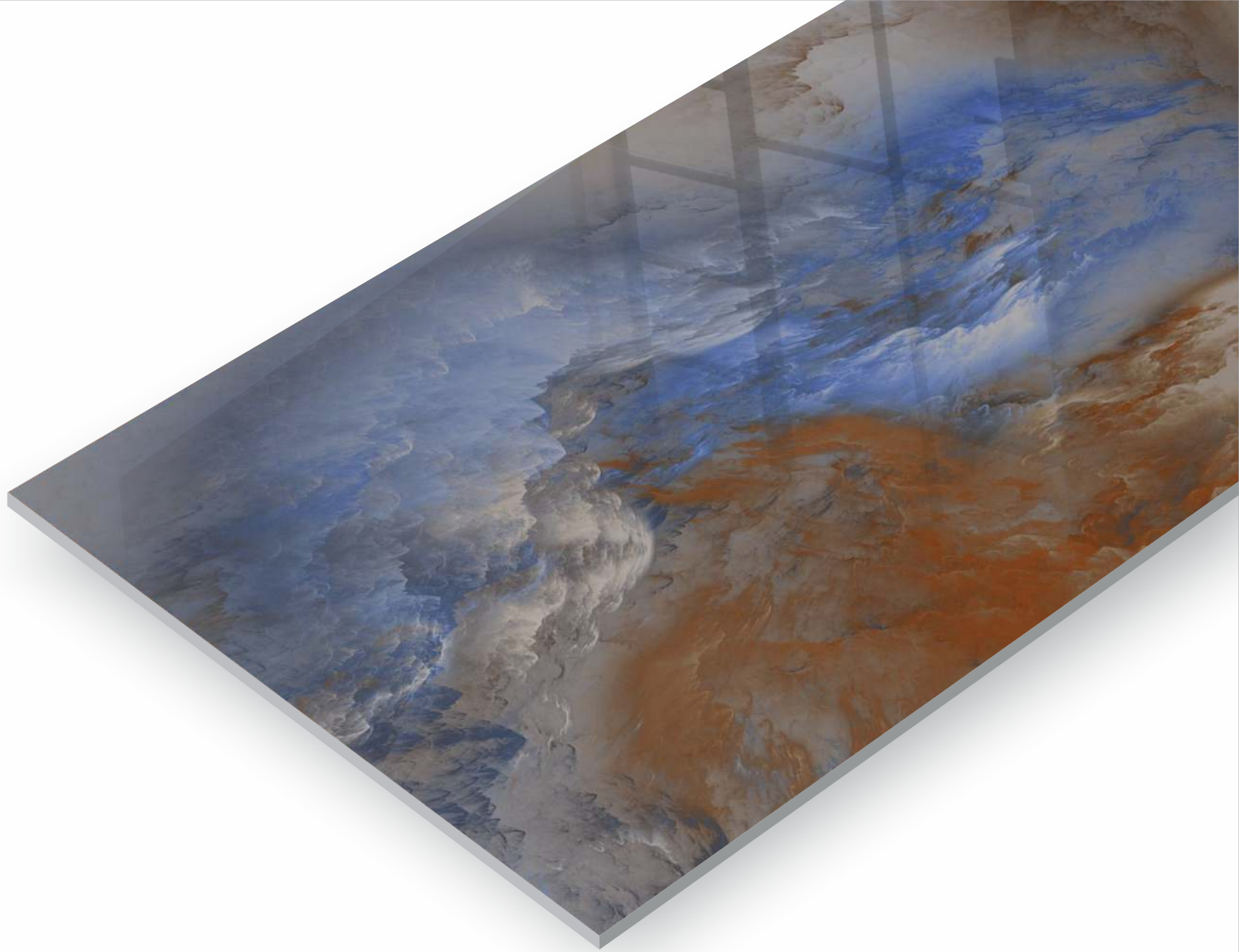
 RANDOM DESIGN

 LOW MAINTENANCE



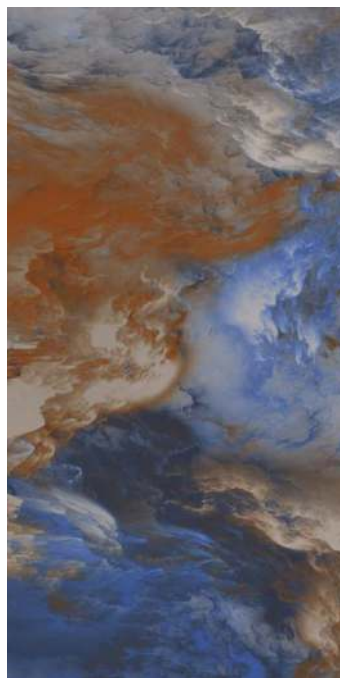
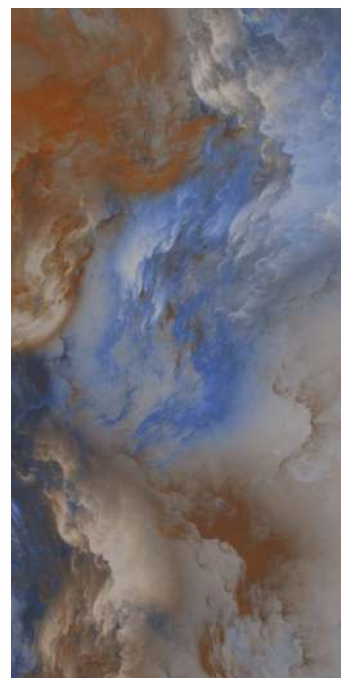
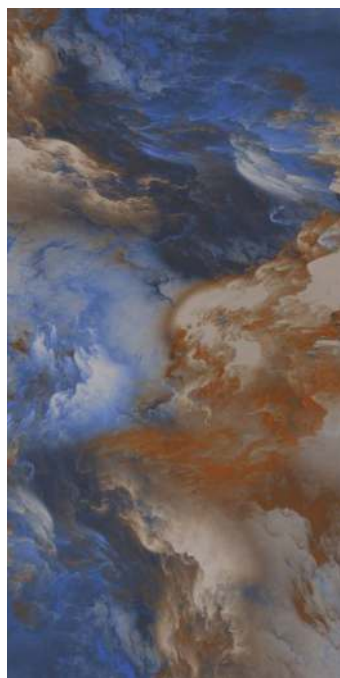
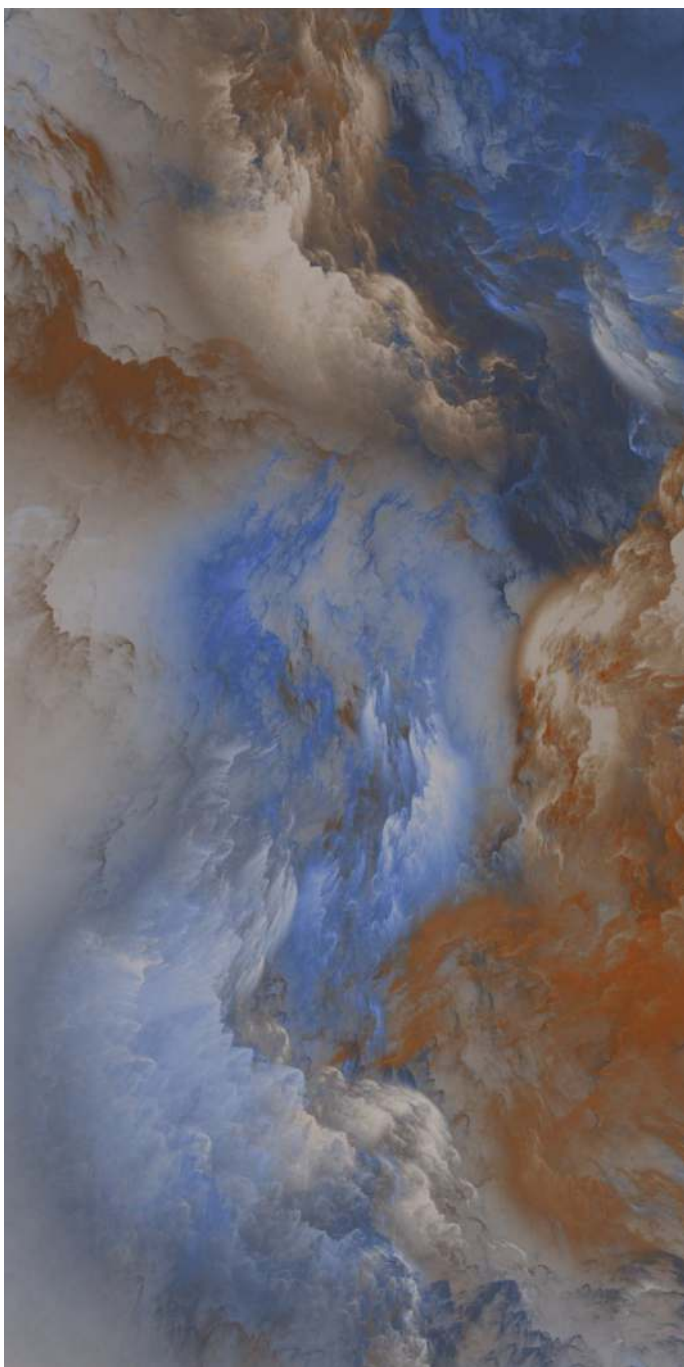
cosmic
blue

daytona
sky



600x
1200mm






daytona sky

**600x
1200mm**




 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

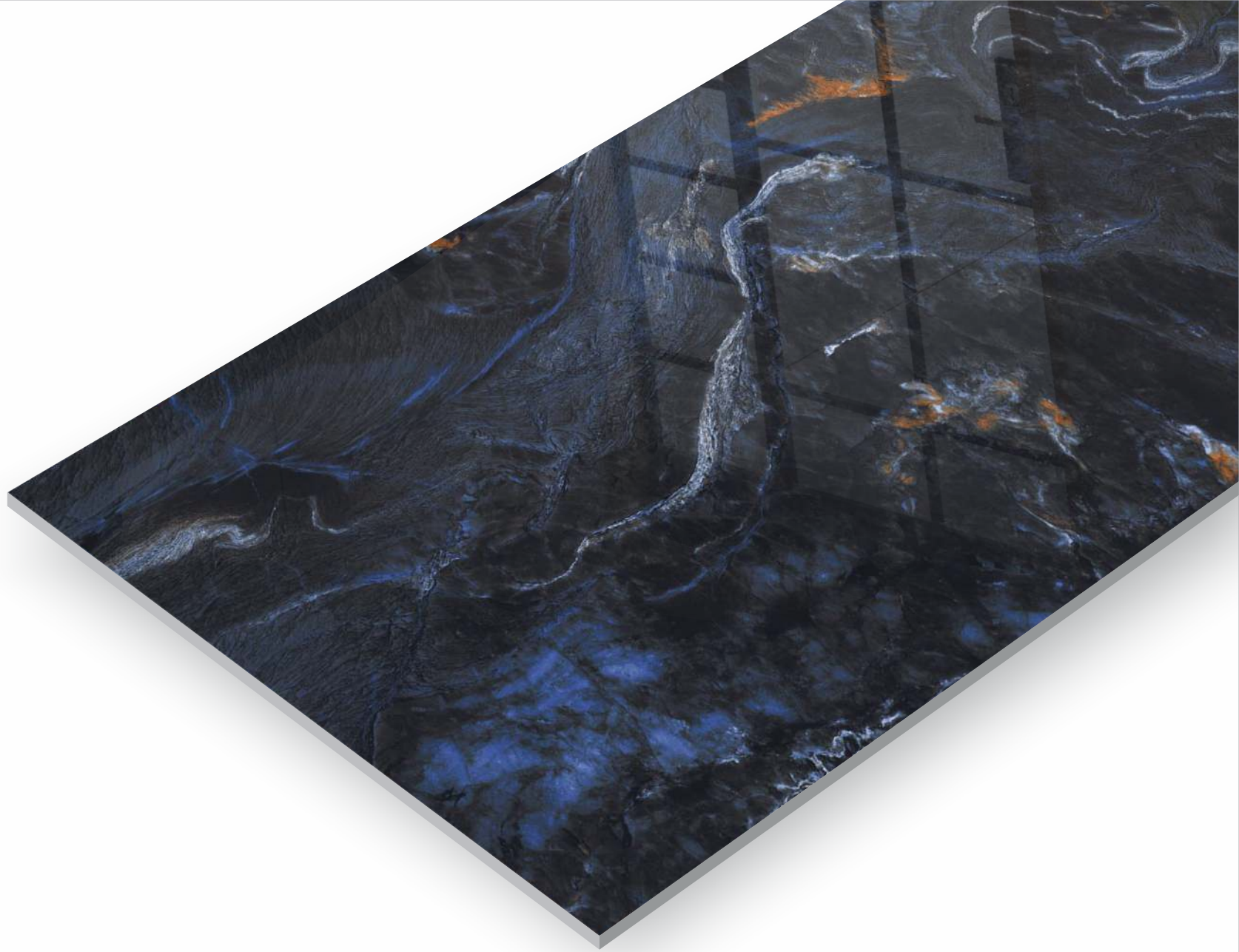
 RANDOM DESIGN

 LOW MAINTENANCE



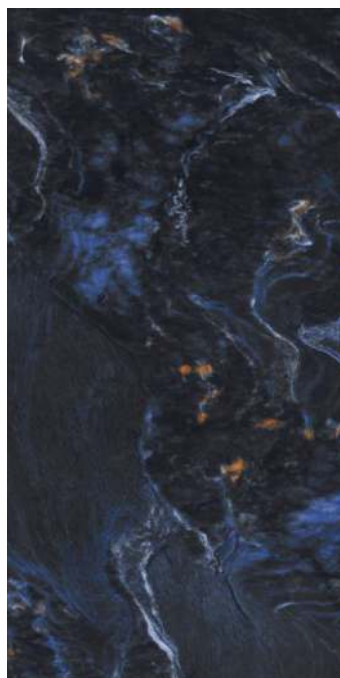
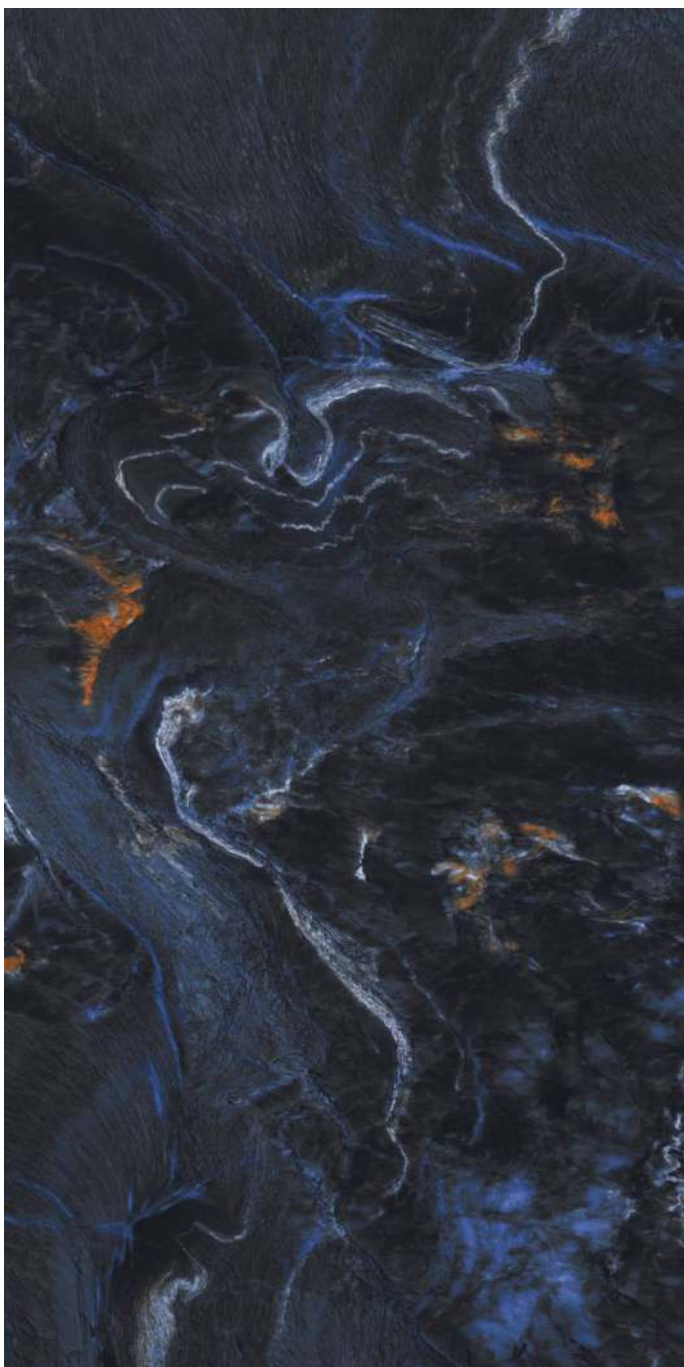
daytona
sky

**luxuria
black**



**600x
1200mm**






luxuria black

600x
1200mm



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

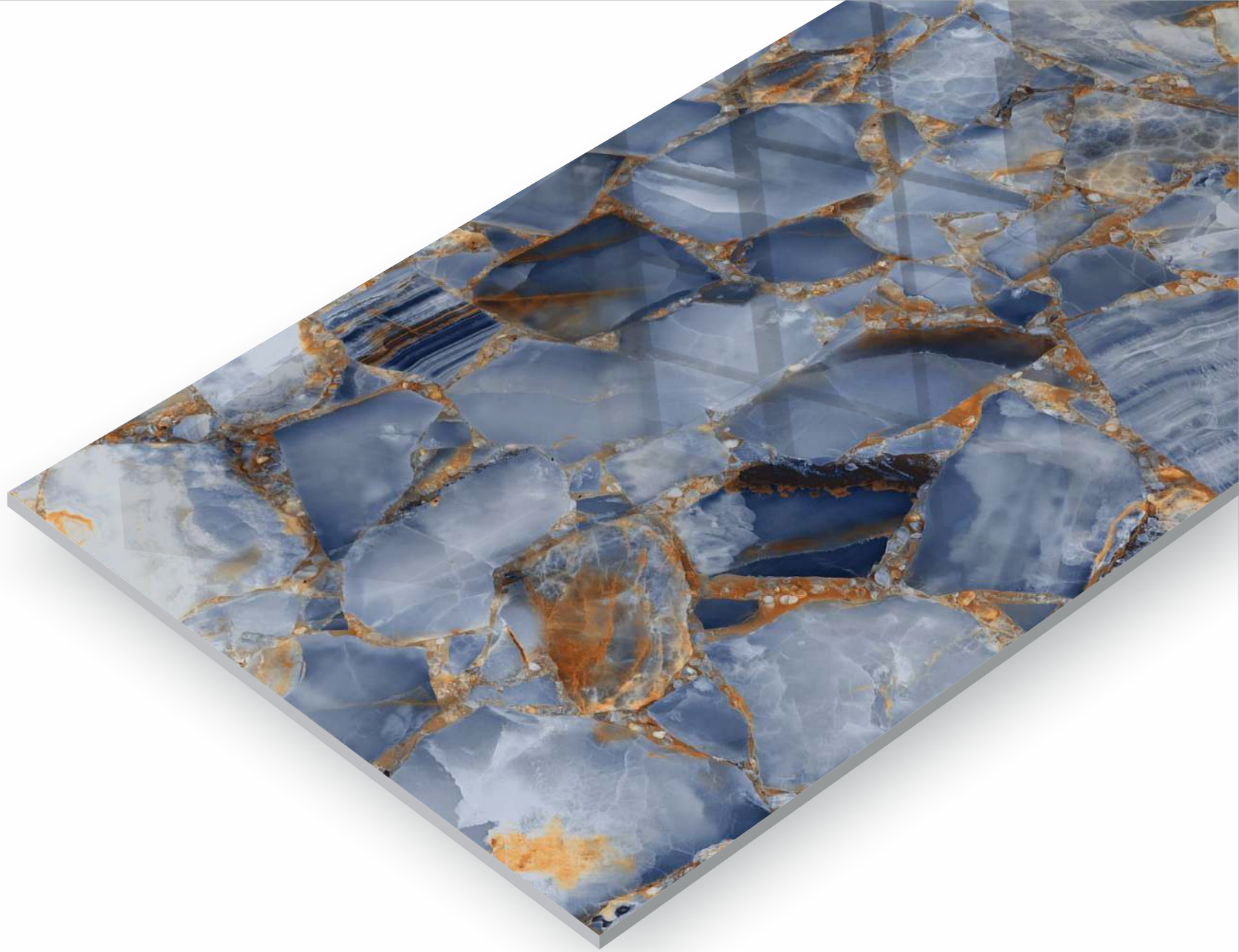
 RANDOM DESIGN

 LOW MAINTENANCE



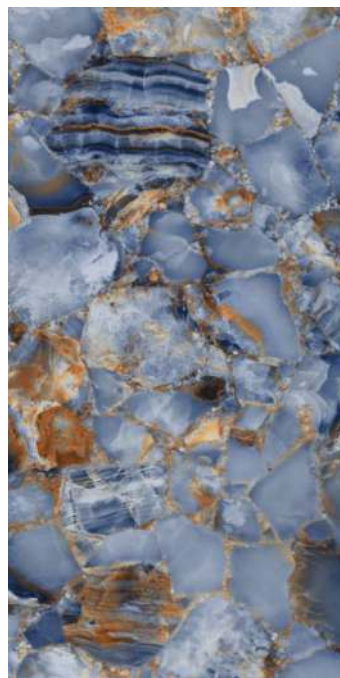
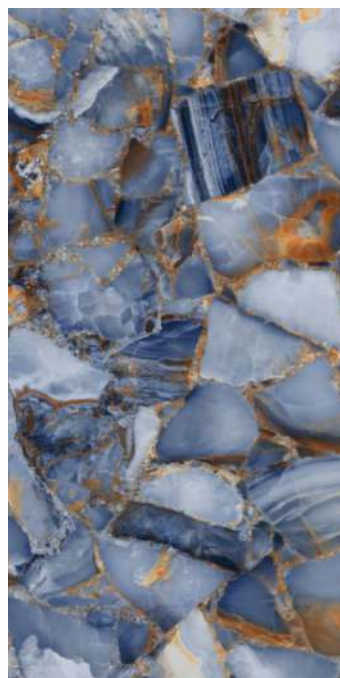
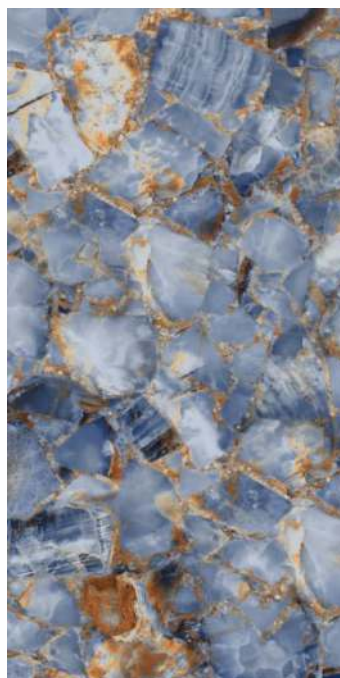
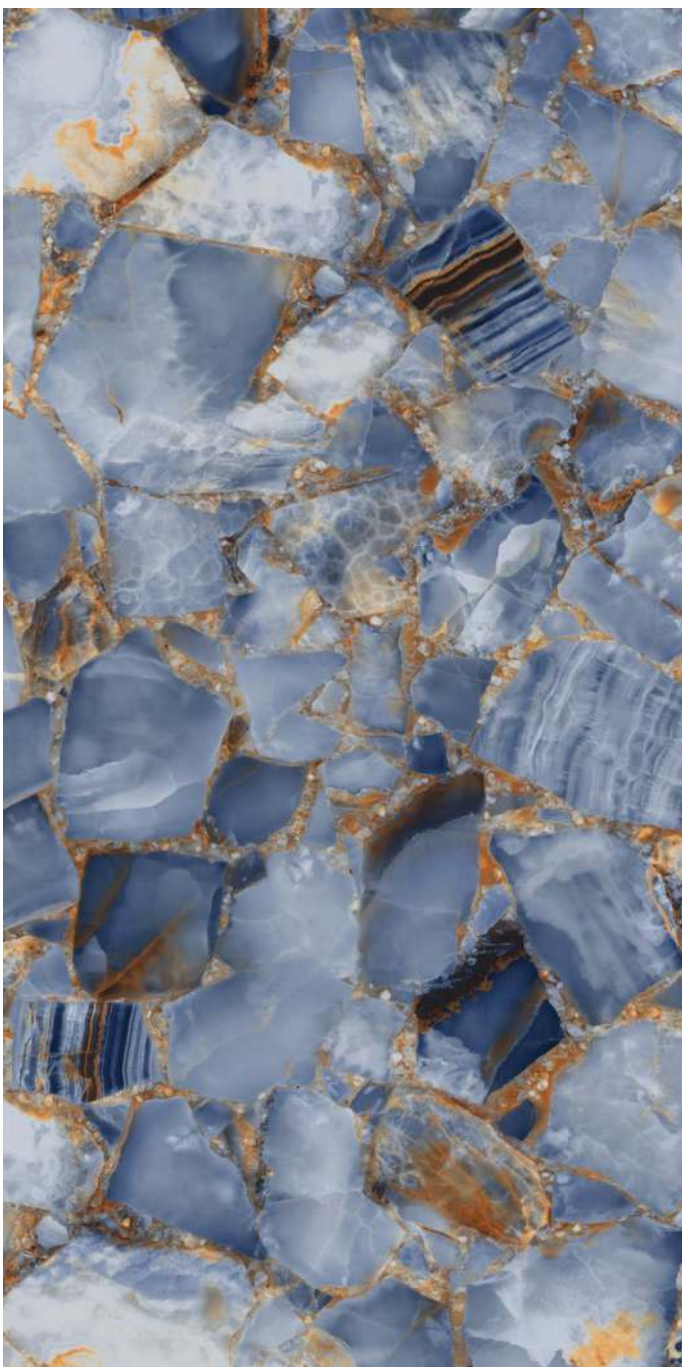
luxuria
black

**agate
blue**



**600x
1200mm**






agate blue

600x
1200mm



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

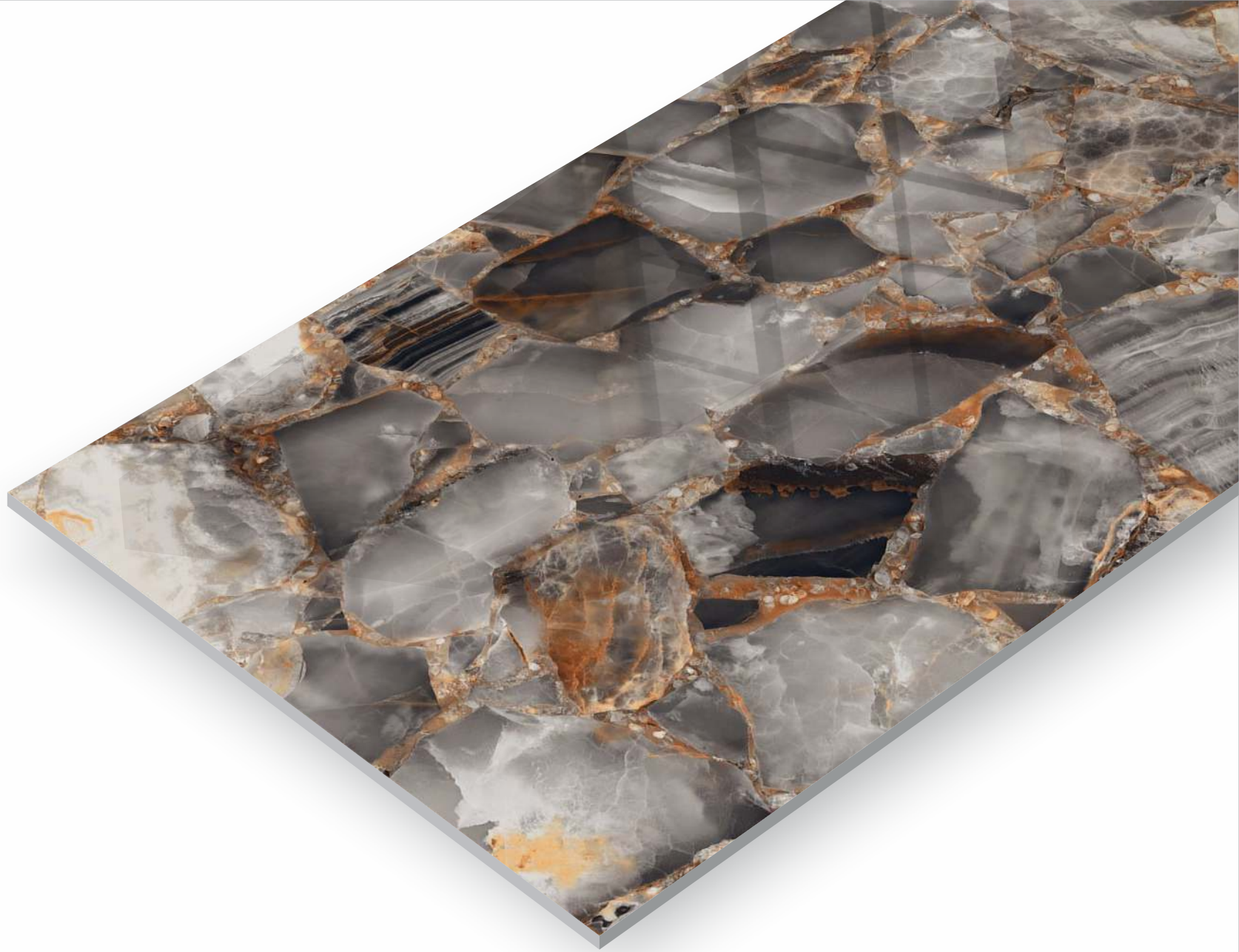
 LOW MAINTENANCE



agate
blue

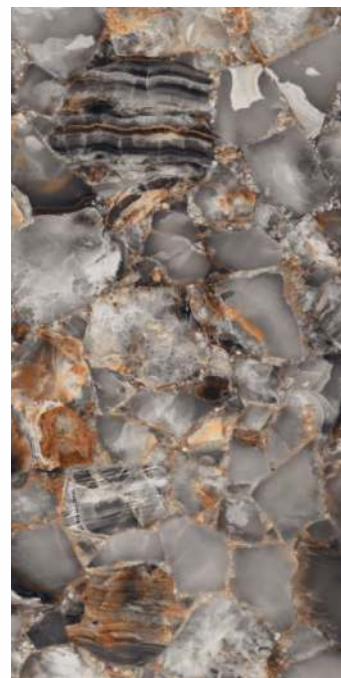
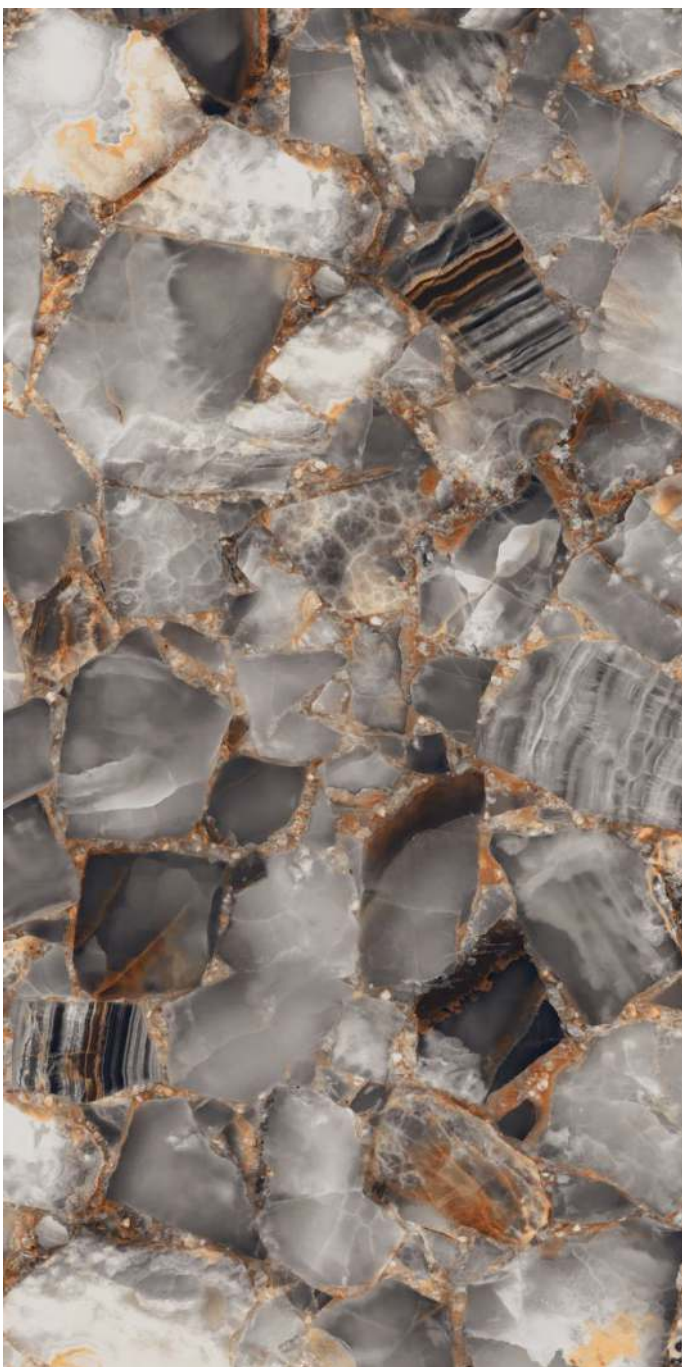


**agate
grey**



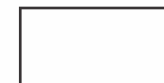
**600x
1200mm**






agate grey

600x
1200mm



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



agate
grey

**frappucino
brown**



**600x
1200mm**






frappuccino brown

600x
1200mm



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 **HIGH STRENGTH**

 **ECO FRIENDLY**

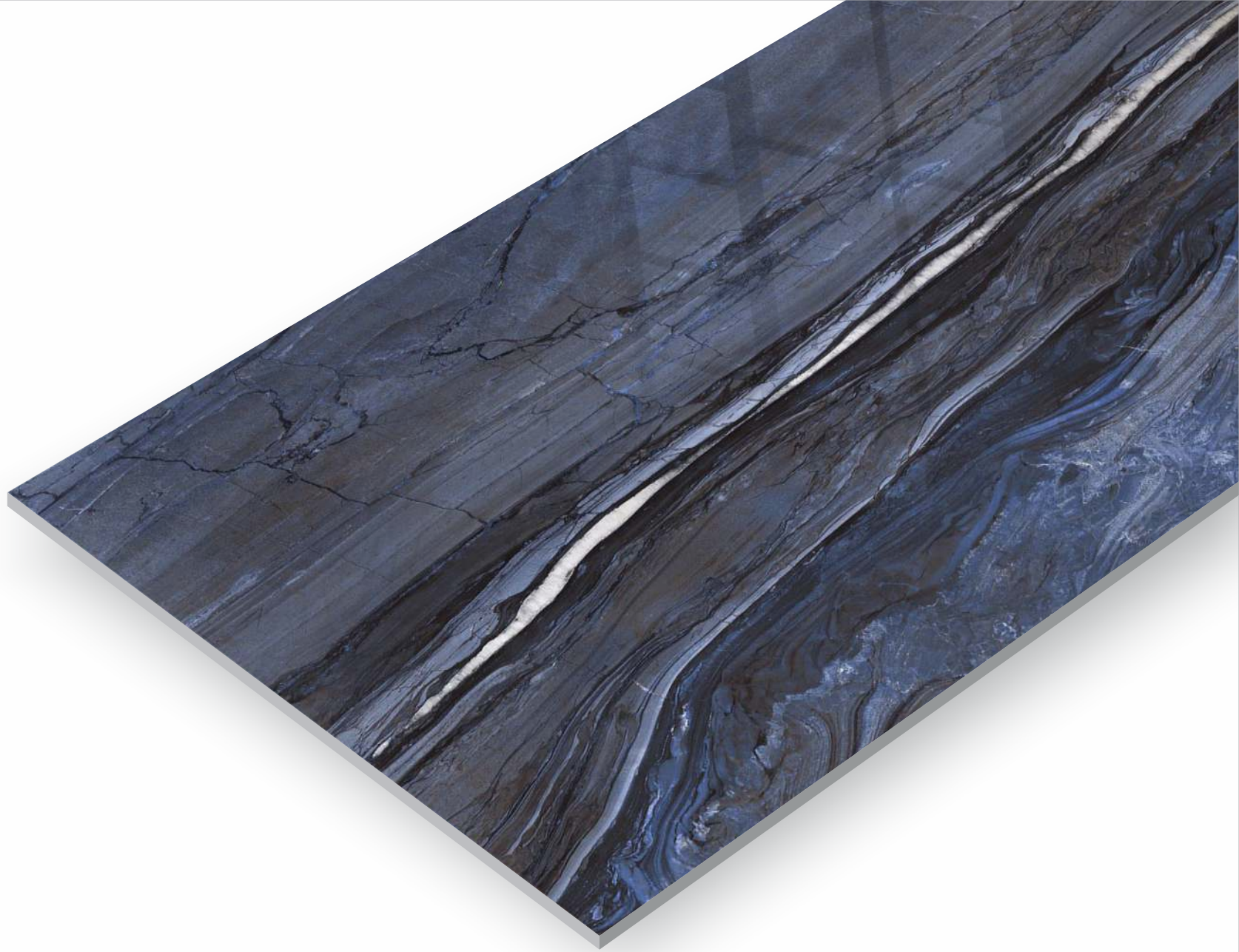
 **RANDOM DESIGN**

 **LOW MAINTENANCE**



frappucino
brown

**frappucino
blue**



**600x
1200mm**






frappucino blue

600x
1200mm




 Thickness : 9mm

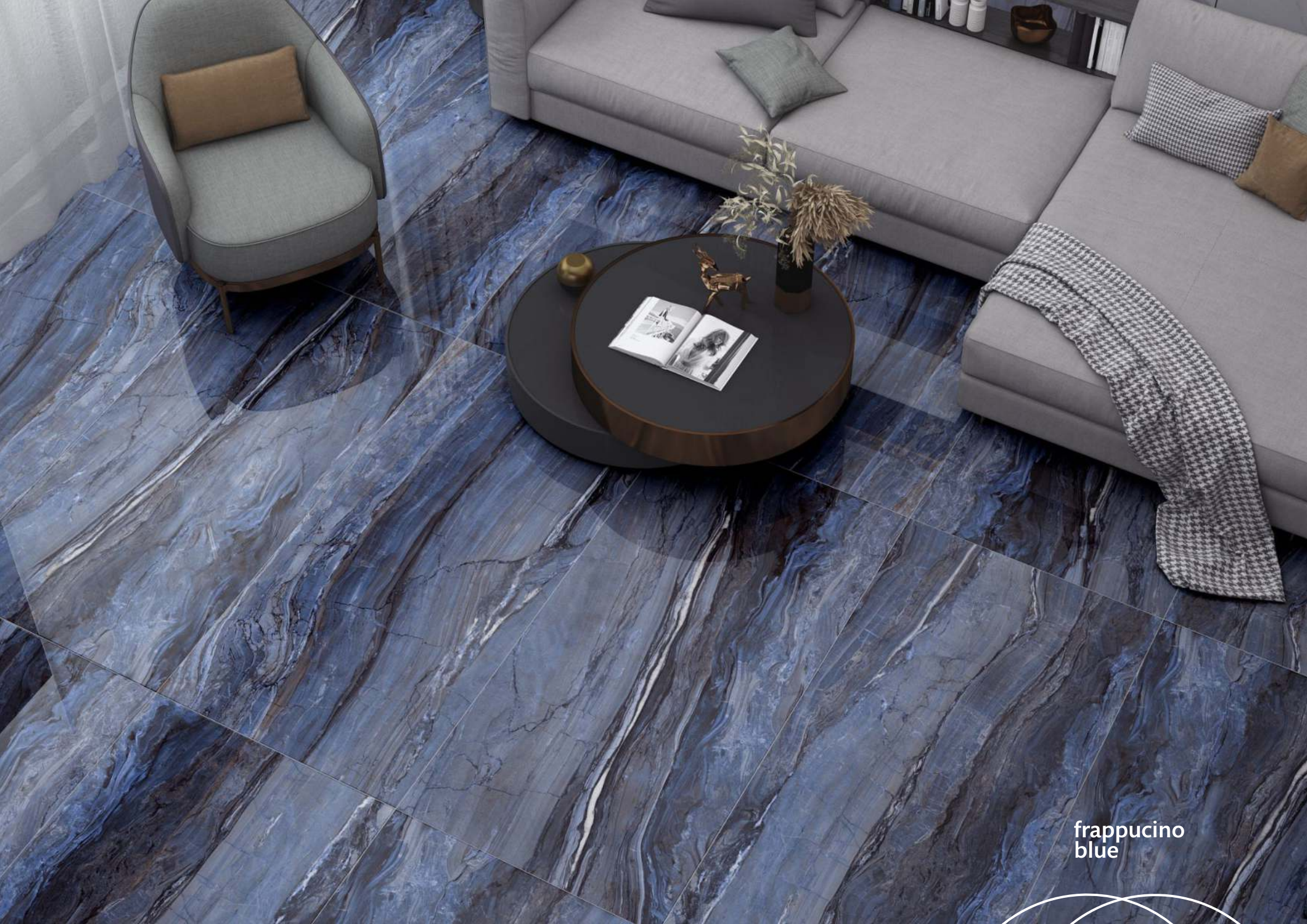
 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

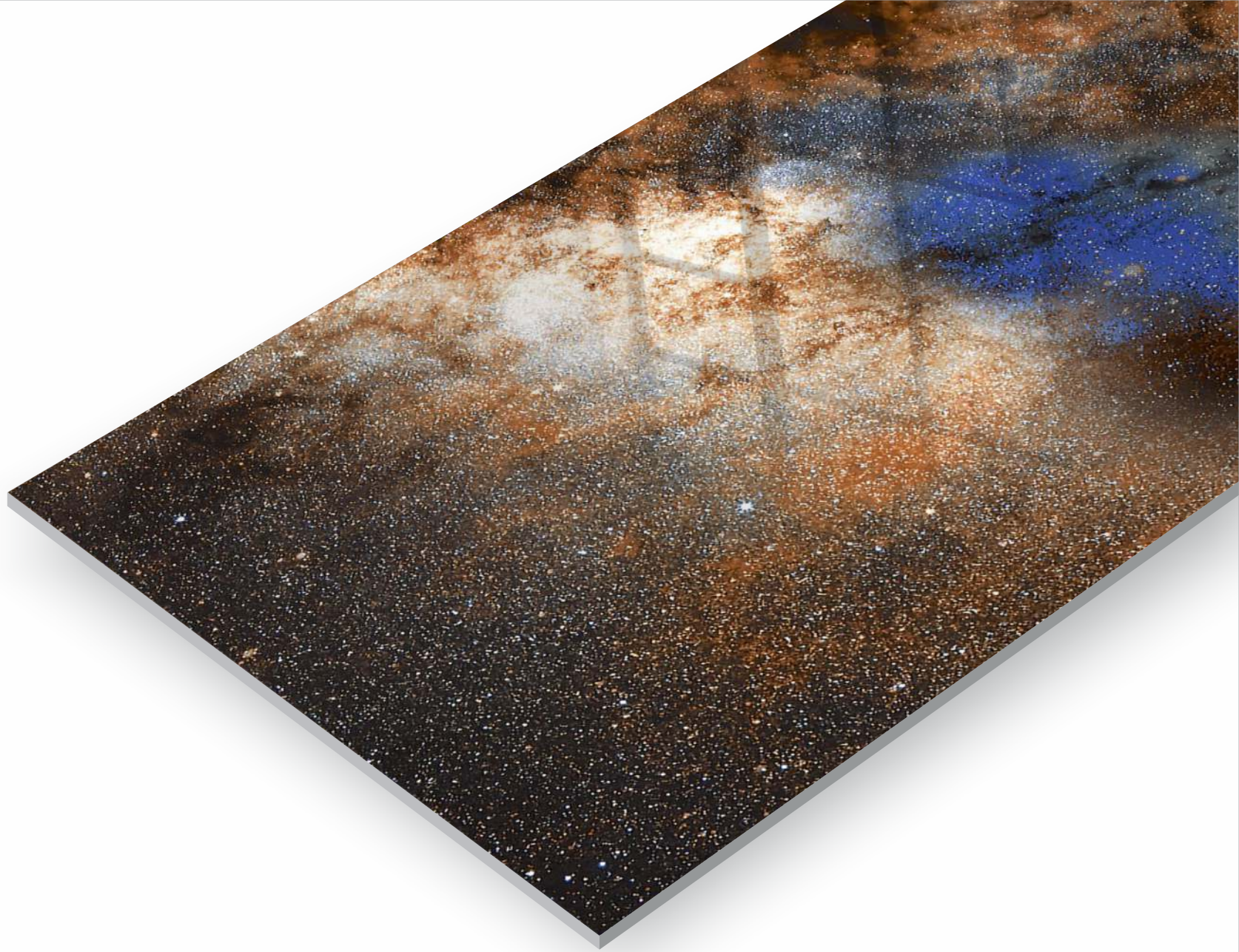
 RANDOM DESIGN

 LOW MAINTENANCE



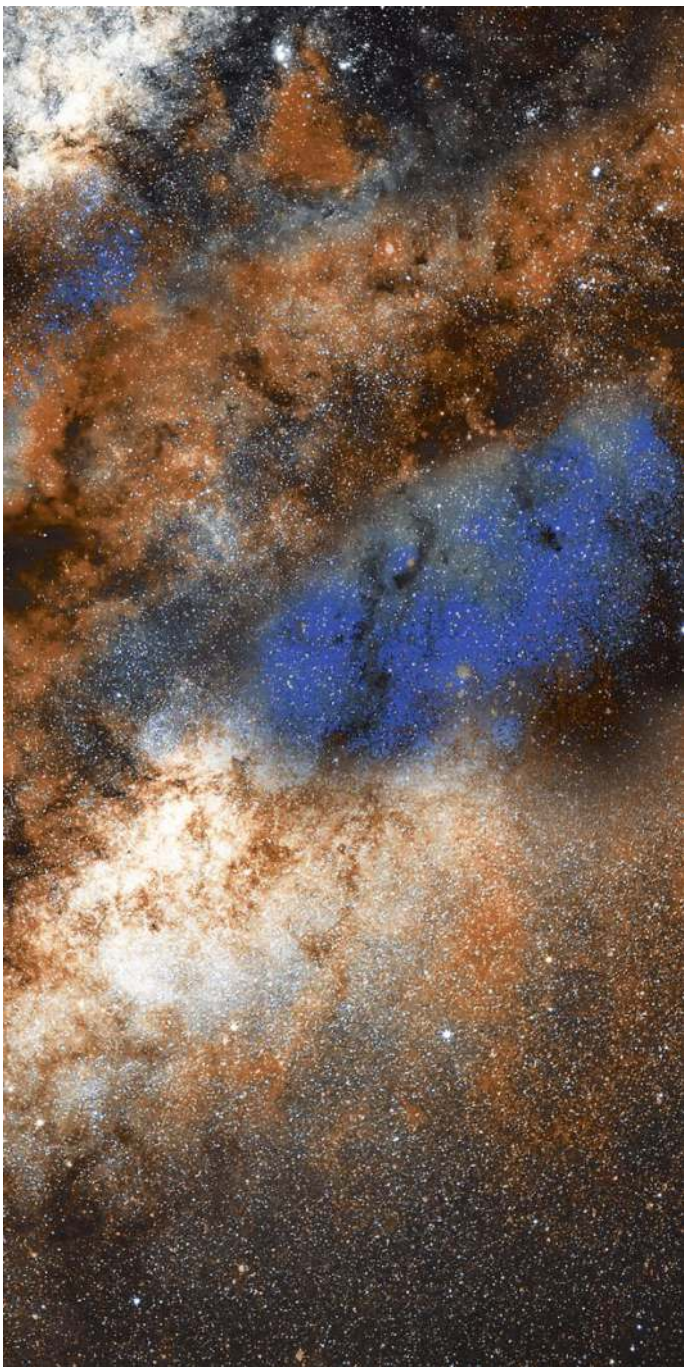
frappucino
blue

**galaxy
marble**



**600x
1200mm**






galaxy marble

600x
1200mm




 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

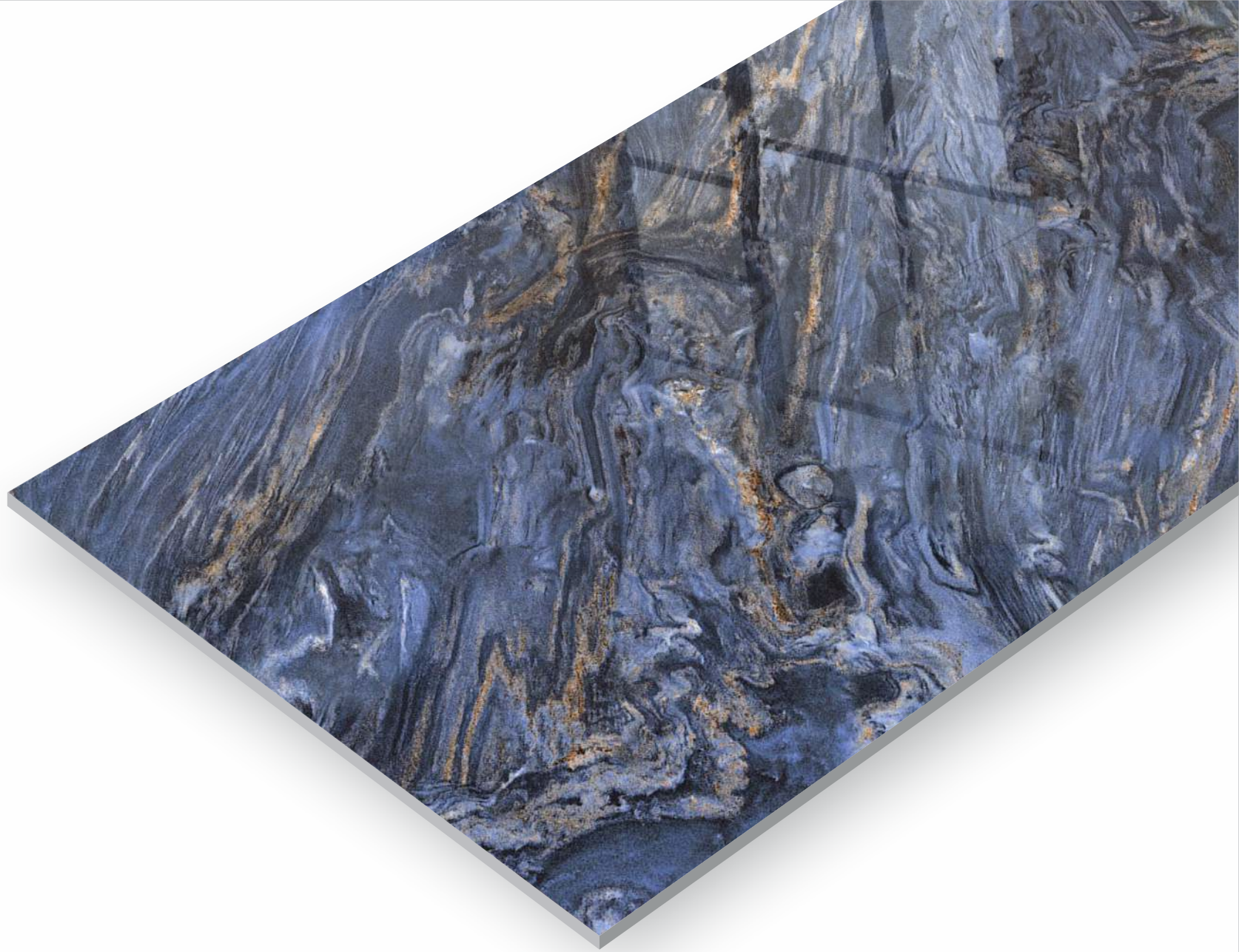
 RANDOM DESIGN

 LOW MAINTENANCE



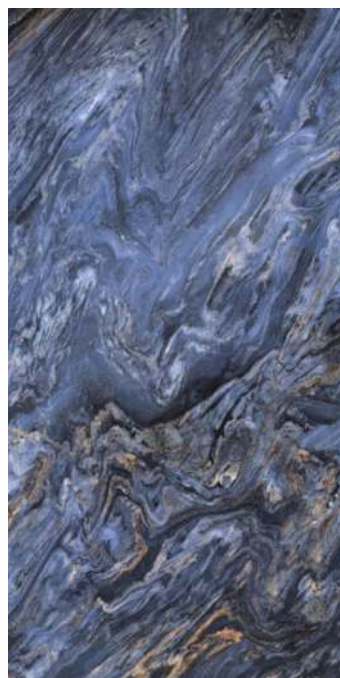
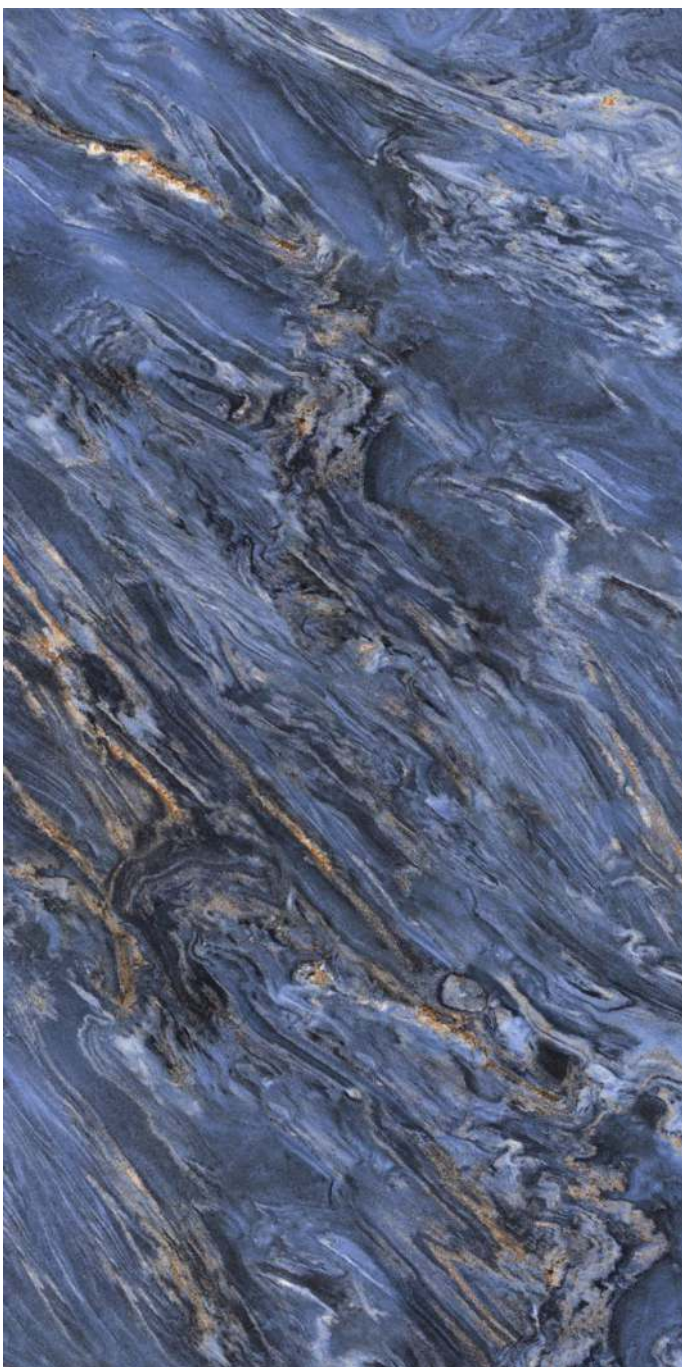
galaxy
marble

**blue
bahia**



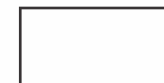
**600x
1200mm**






blue bahia

600x
1200mm



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



blue
bahia

**endeavour
blue**



**600x
1200mm**






endeavour blue

600x
1200mm



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



endeavour
blue



emprador



**600x
1200mm**






emprador

**600x
1200mm**



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

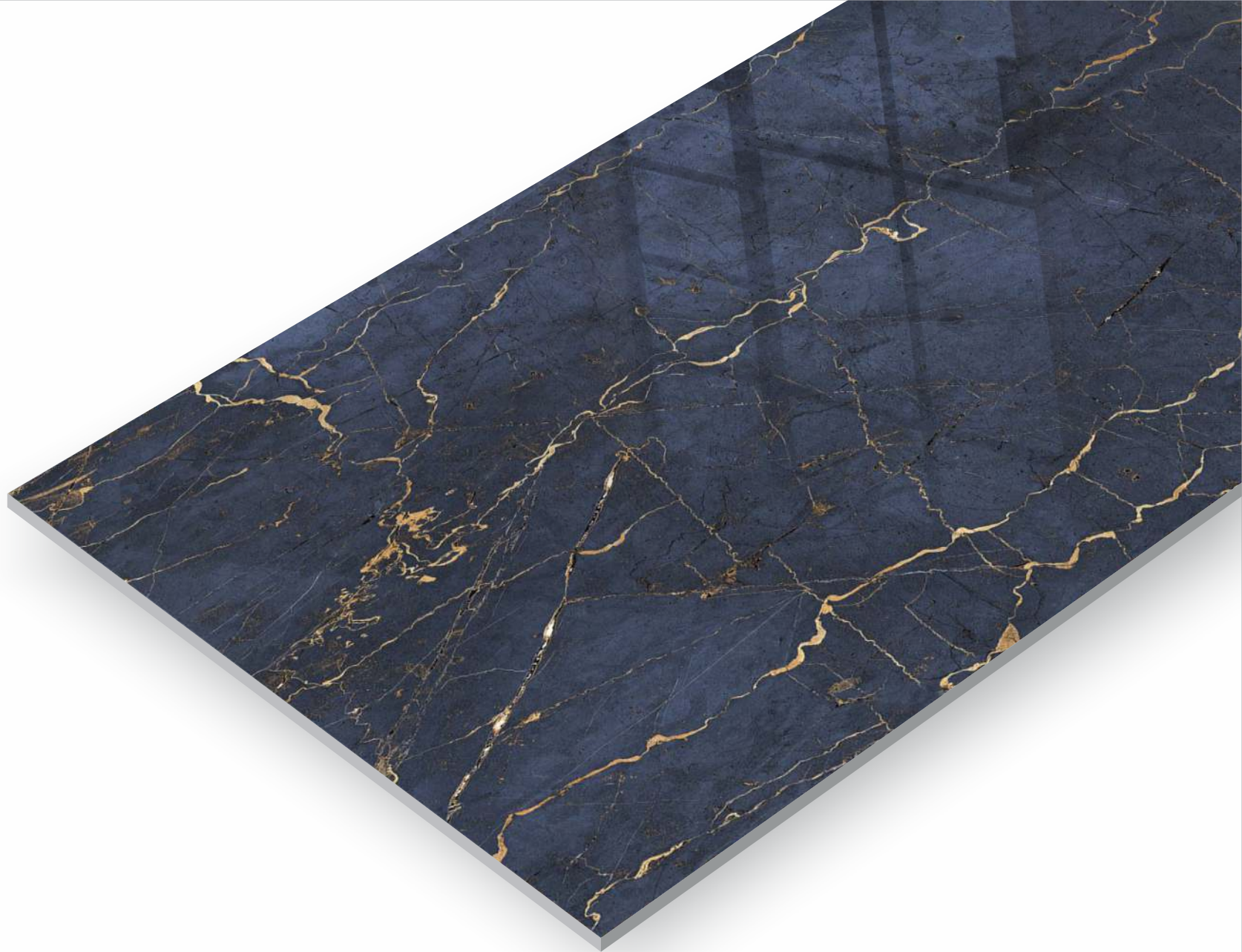
 RANDOM DESIGN

 LOW MAINTENANCE



emprador

**infinity
blue**



**600x
1200mm**






infinity blue

**600x
1200mm**



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



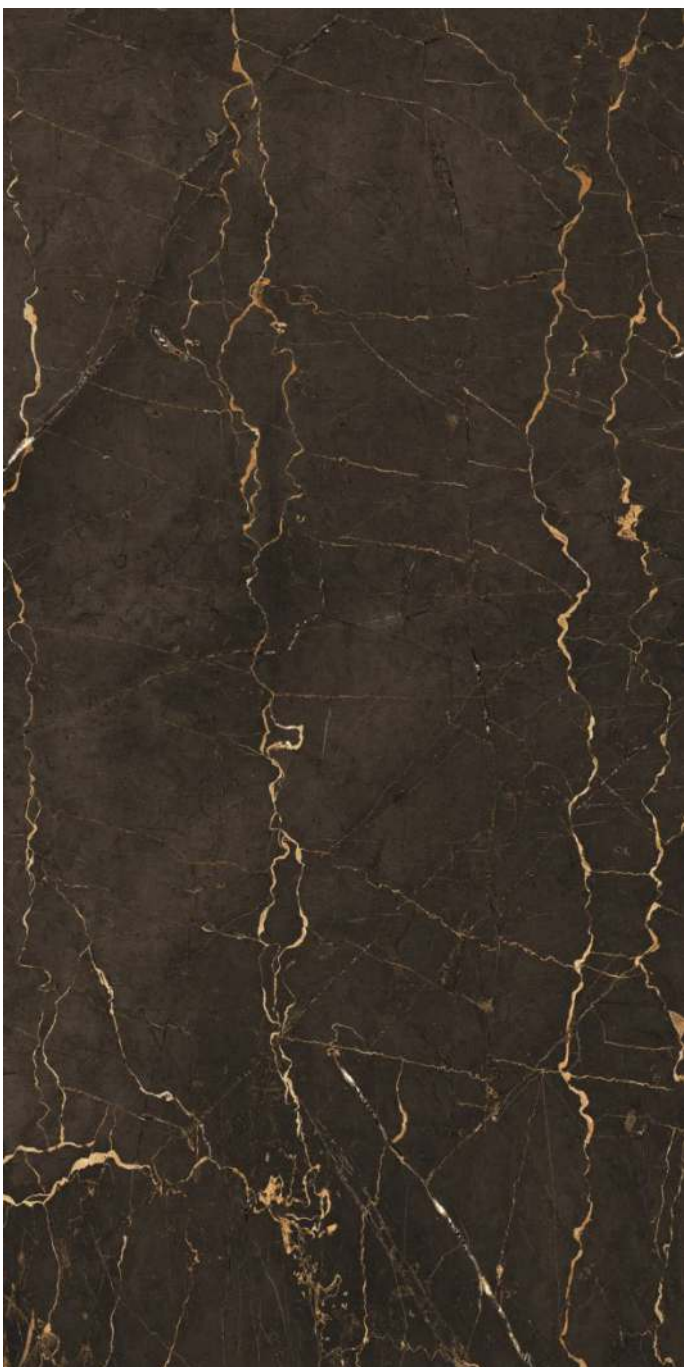
infinity
blue

**infinity
brown**



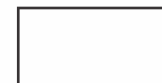
**600x
1200mm**






infinity brown

600x
1200mm



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



infinity
brown



coyate
light (GLOSSY)



600x
1200mm






coyate light (GLOSSY)

**600x
1200mm**




 Thickness : **9mm**

 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

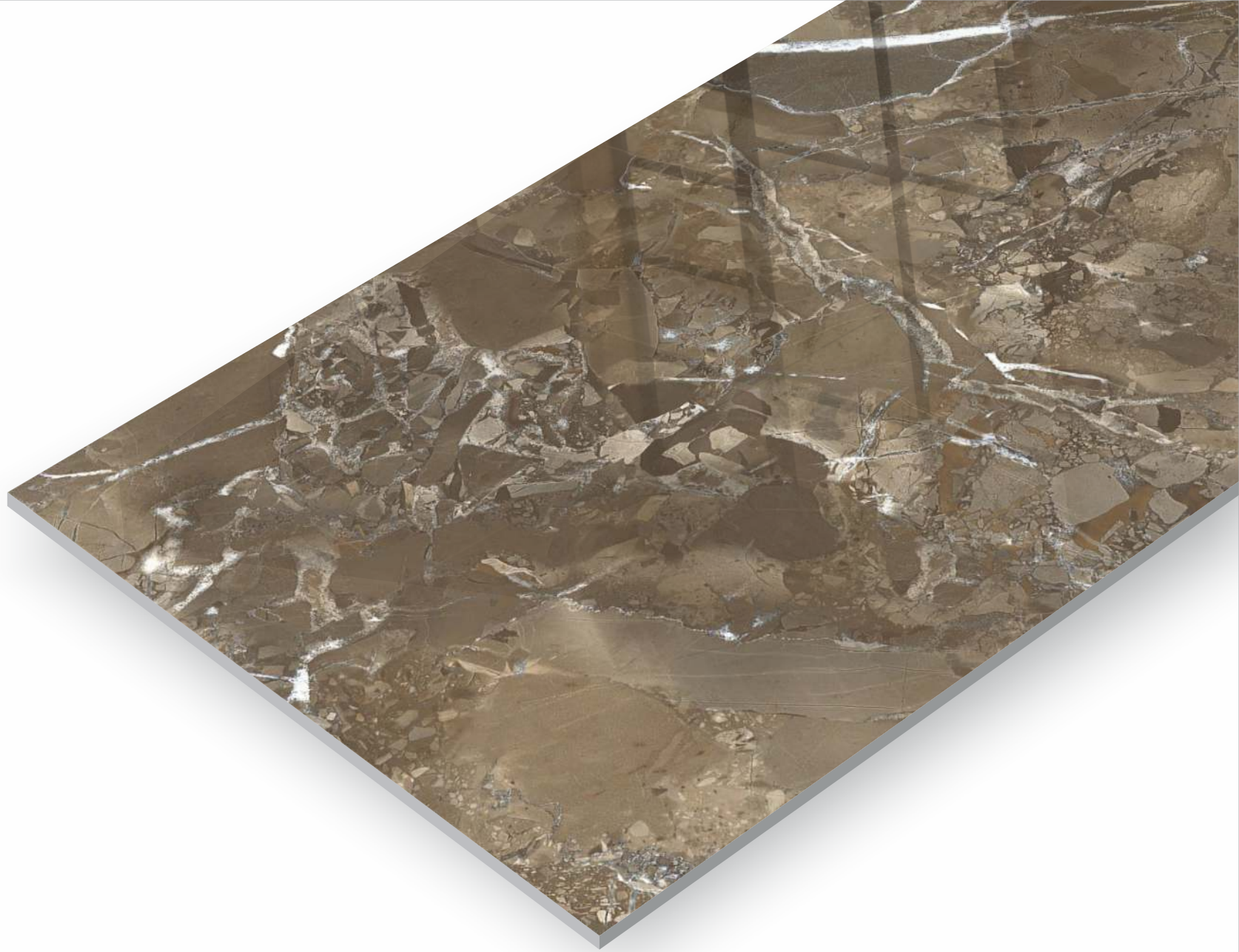
 RANDOM DESIGN

 LOW MAINTENANCE



coyate
light

**coyate
brown**



**600x
1200mm**






coyate brown

600x
1200mm




 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

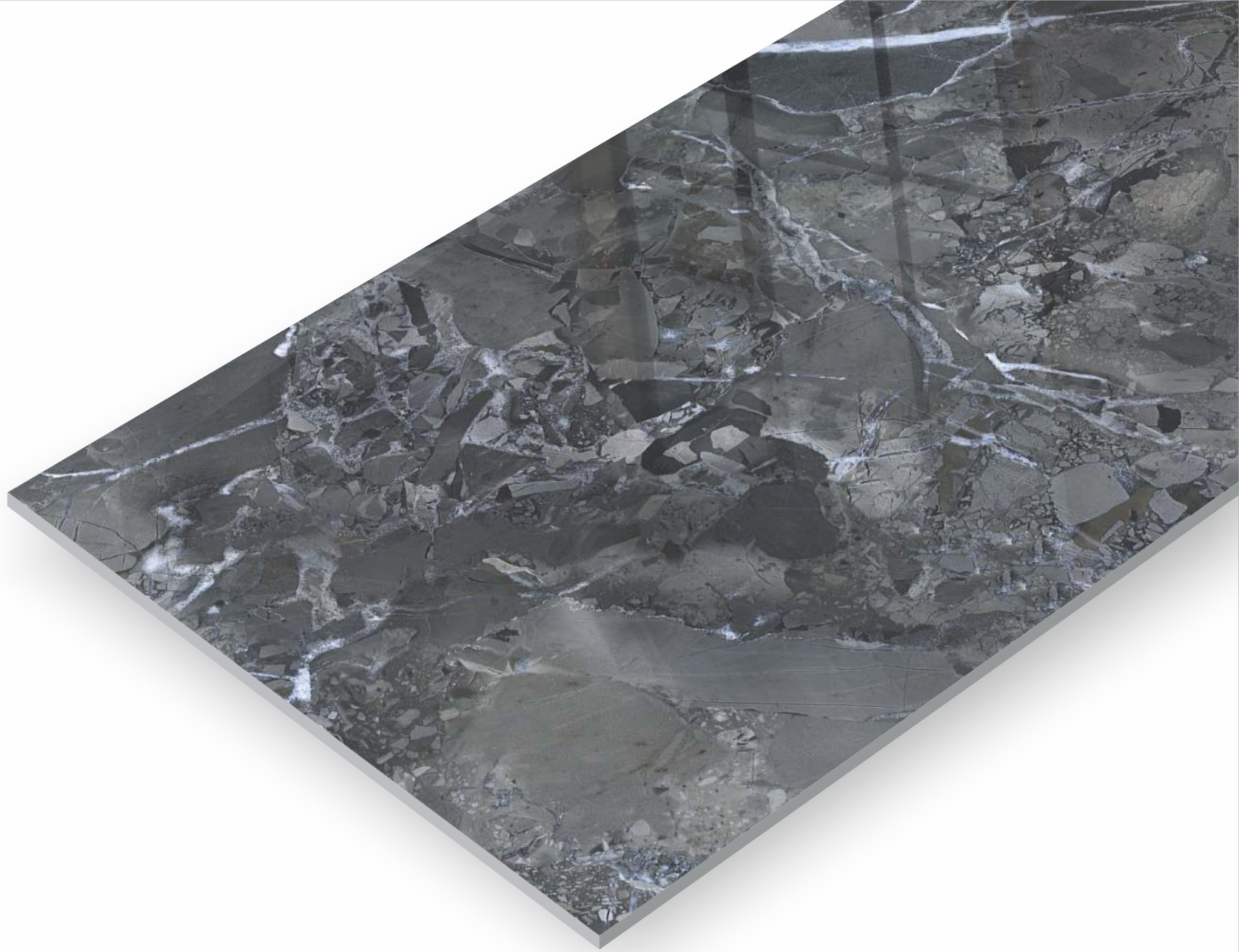
 LOW MAINTENANCE



coyate
brown



**coyate
nero**



**600x
1200mm**






coyate nero

600x
1200mm



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

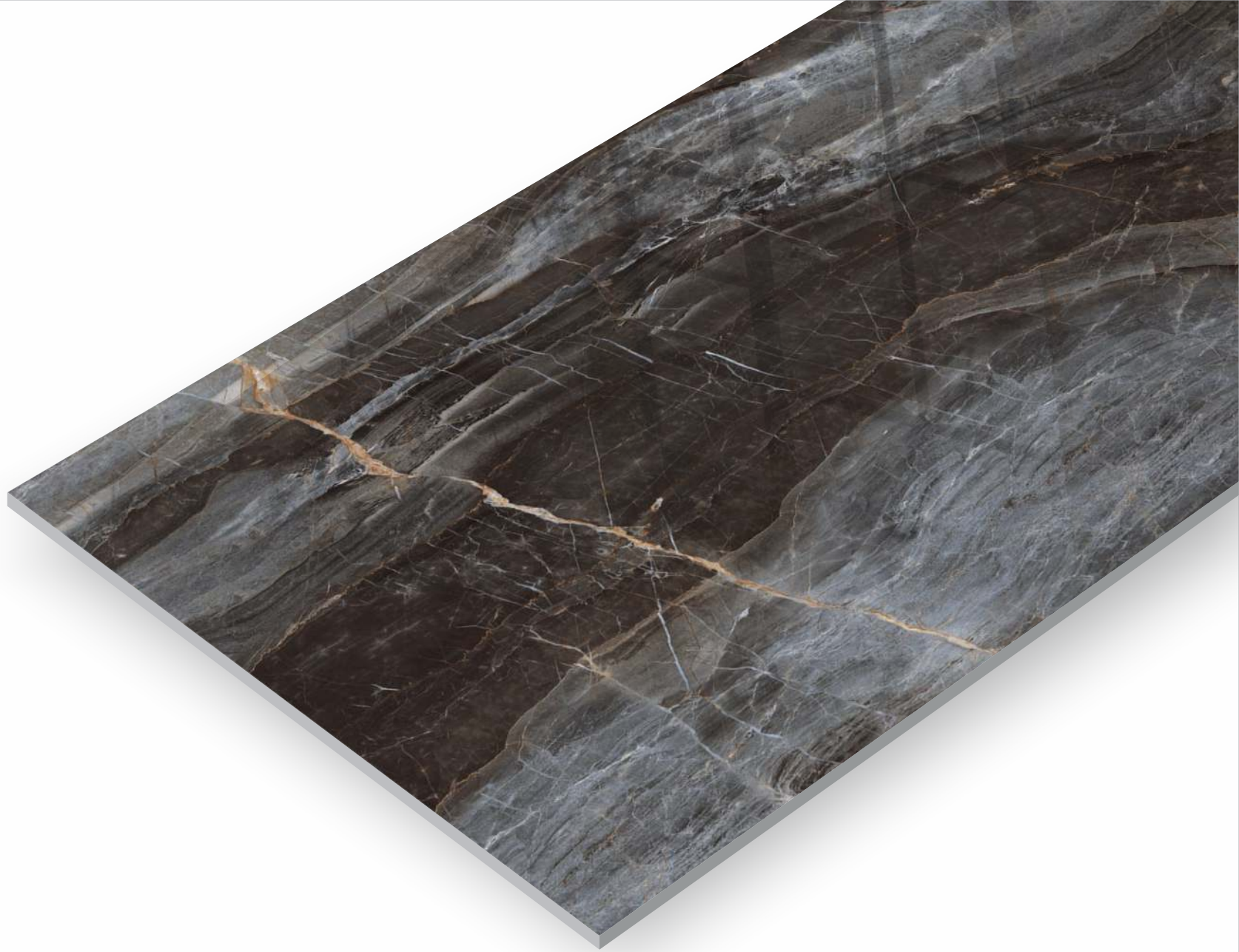
 LOW MAINTENANCE



FORMULA 1
WORLD CHAMPIONS

coyate
nero

**martian
grey**



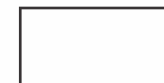
**600x
1200mm**






martian grey

**600x
1200mm**



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 **HIGH STRENGTH**

 **ECO FRIENDLY**

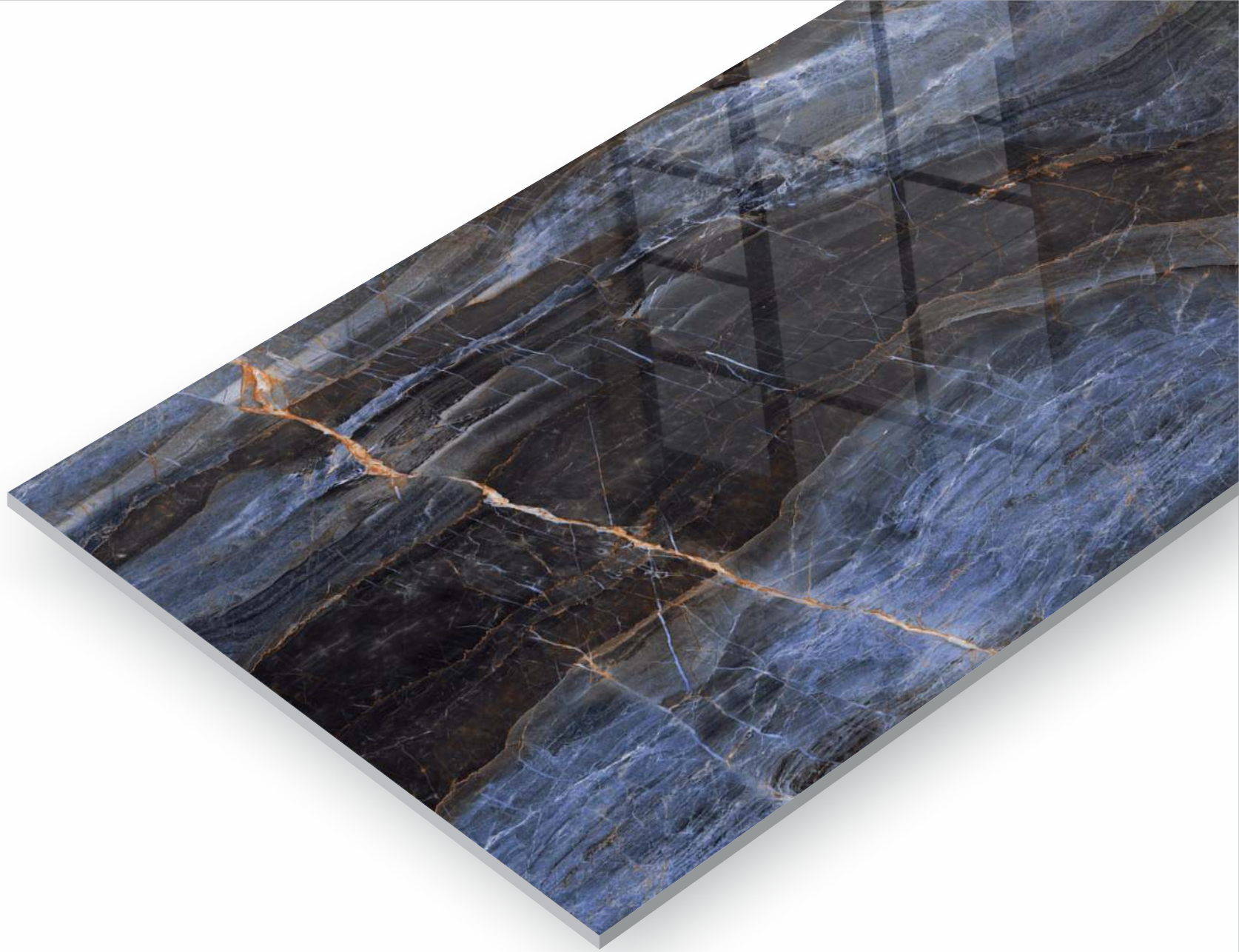
 **RANDOM DESIGN**

 **LOW MAINTENANCE**



martian
grey

**martian
blue**



**600x
1200mm**






martian blue

**600x
1200mm**



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 **HIGH STRENGTH**

 **ECO FRIENDLY**

 **RANDOM DESIGN**

 **LOW MAINTENANCE**



martian
blue

**martian
brown**



**600x
1200mm**






martian brown

**600x
1200mm**



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

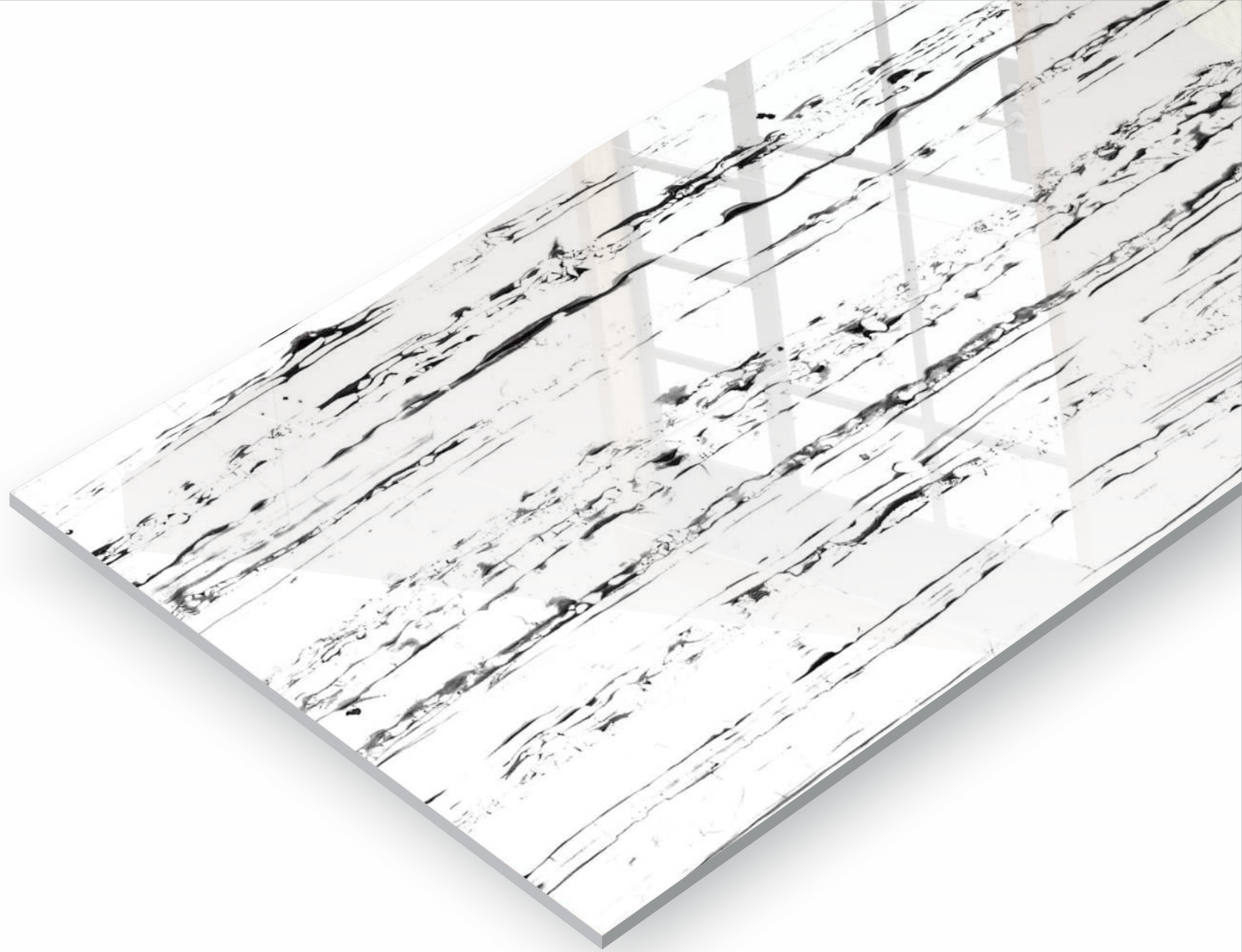
 RANDOM DESIGN

 LOW MAINTENANCE



martian
brown

**pearl
portro**



**600x
1200mm**






pearl portro

**600x
1200mm**



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

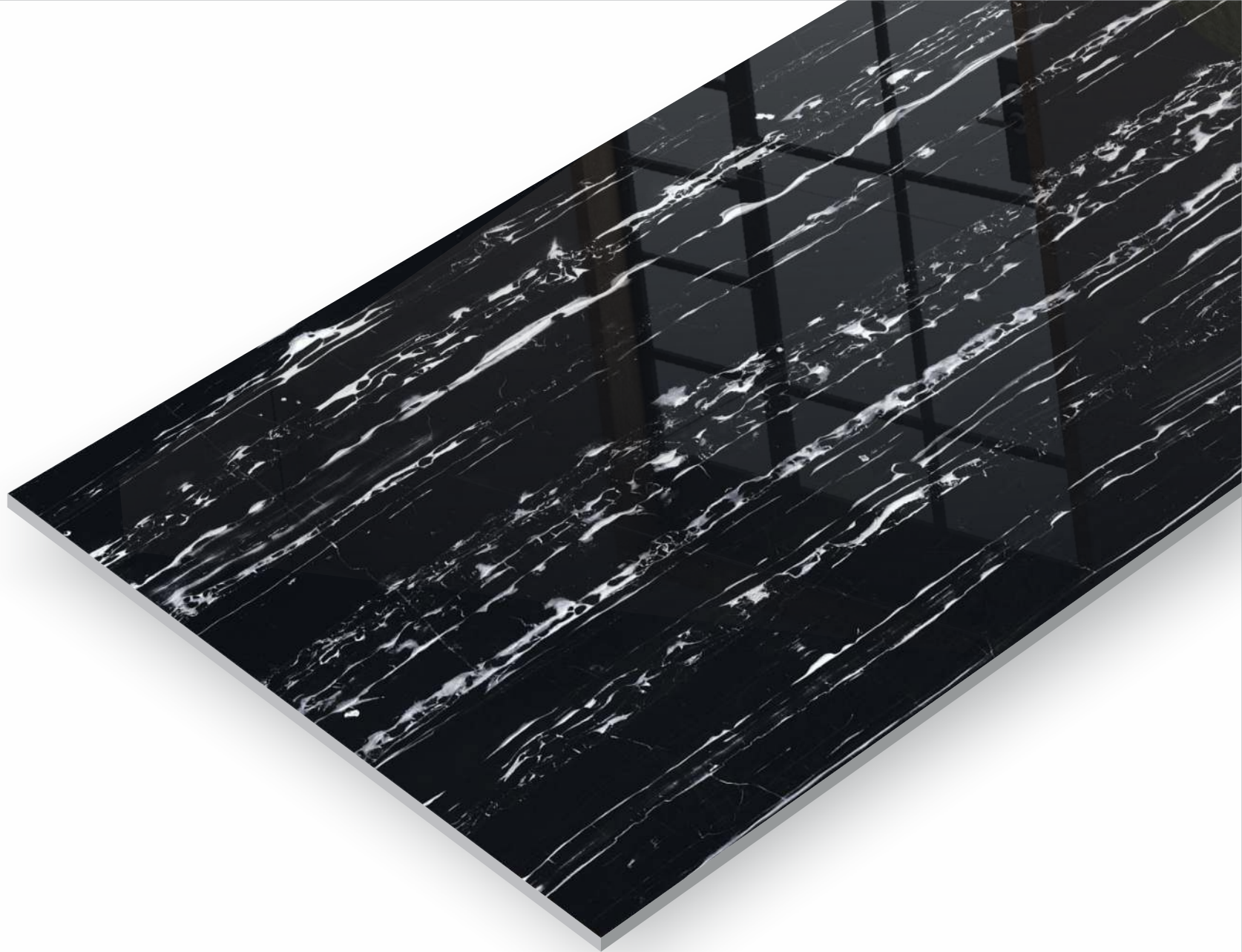
 RANDOM DESIGN

 LOW MAINTENANCE



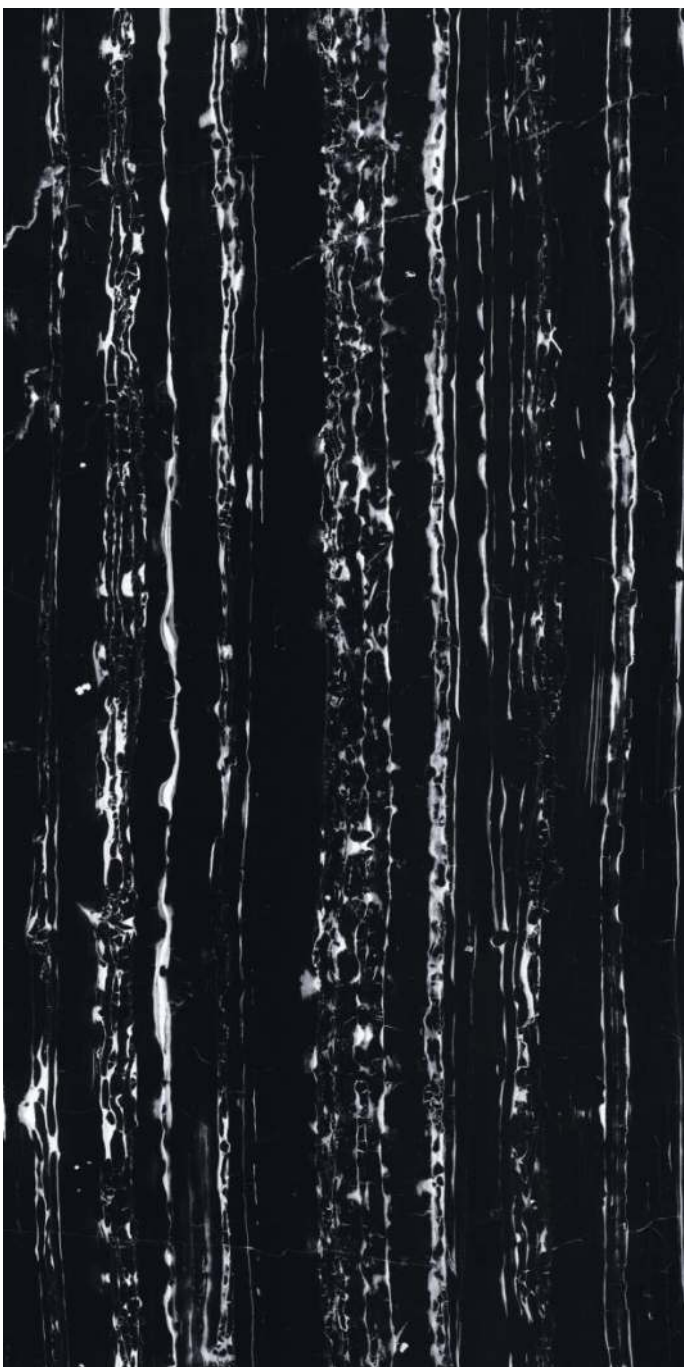
pearl
portro

**white
portro**



**600x
1200mm**






white portro

600x
1200mm




 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

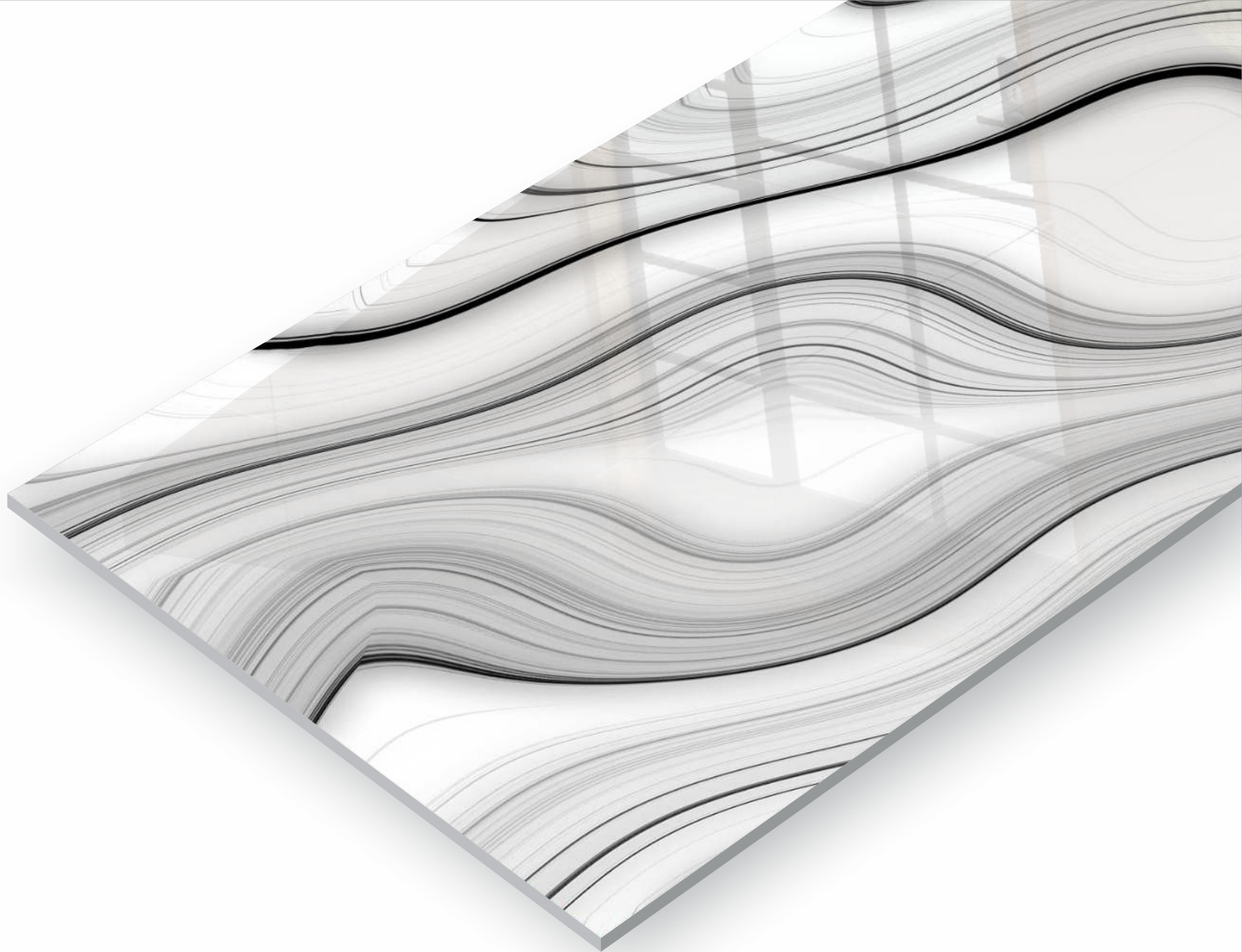
 RANDOM DESIGN

 LOW MAINTENANCE



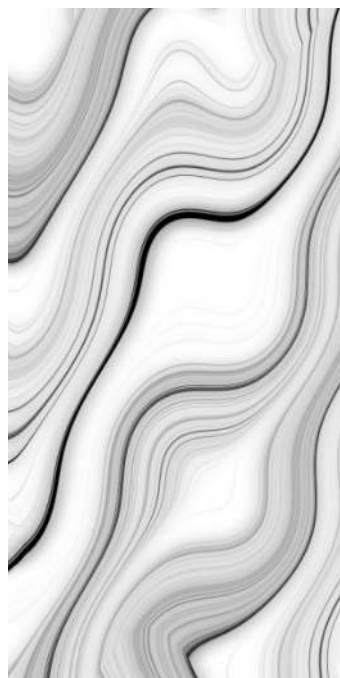
white
portro

**zibra
white**



**600x
1200mm**






zibra white

600x
1200mm




 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

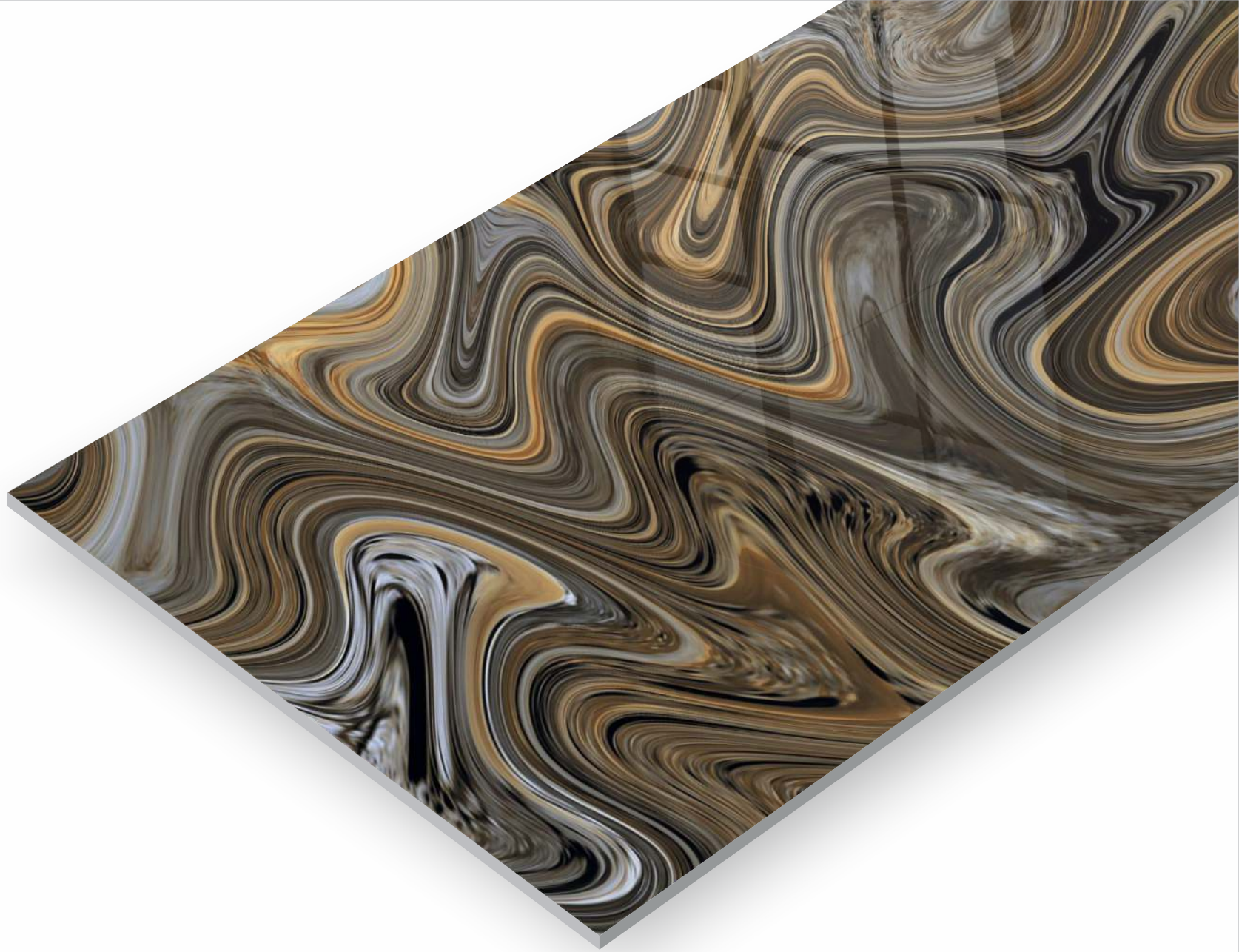
 RANDOM DESIGN

 LOW MAINTENANCE



**zibra
white**

**strom
brown**



**600x
1200mm**






strom brown

600x
1200mm



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

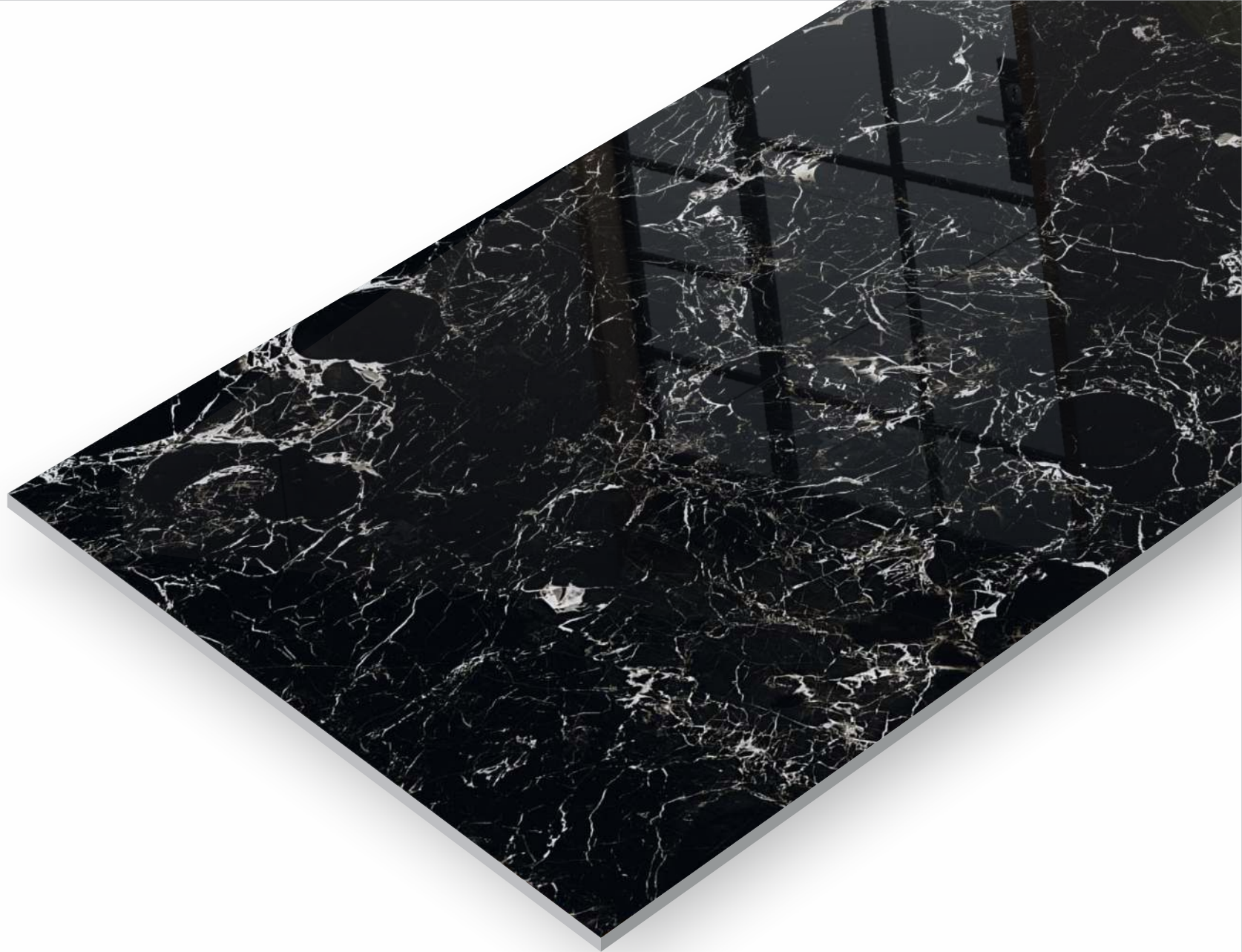
 RANDOM DESIGN

 LOW MAINTENANCE



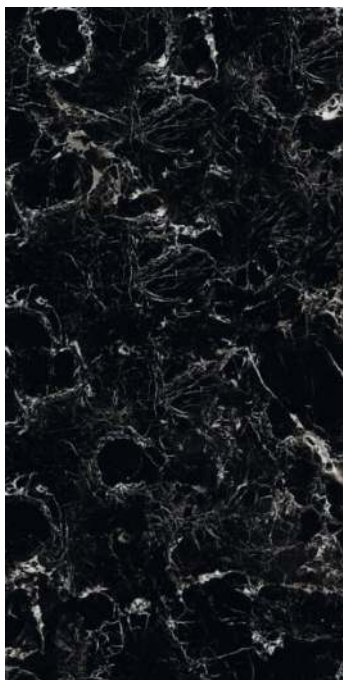
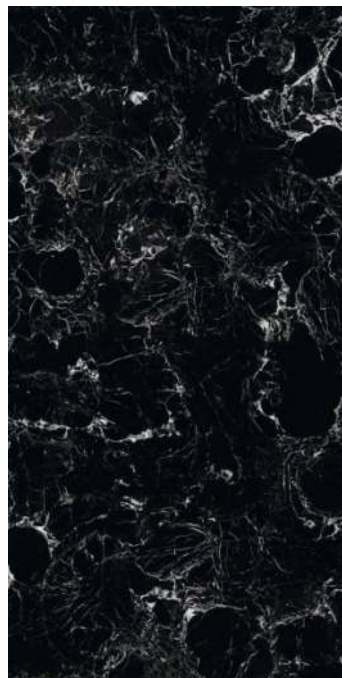
strom
brown

**portro
black**



**600x
1200mm**





portro black

**600x
1200mm**



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 **HIGH STRENGTH**

 **ECO FRIENDLY**

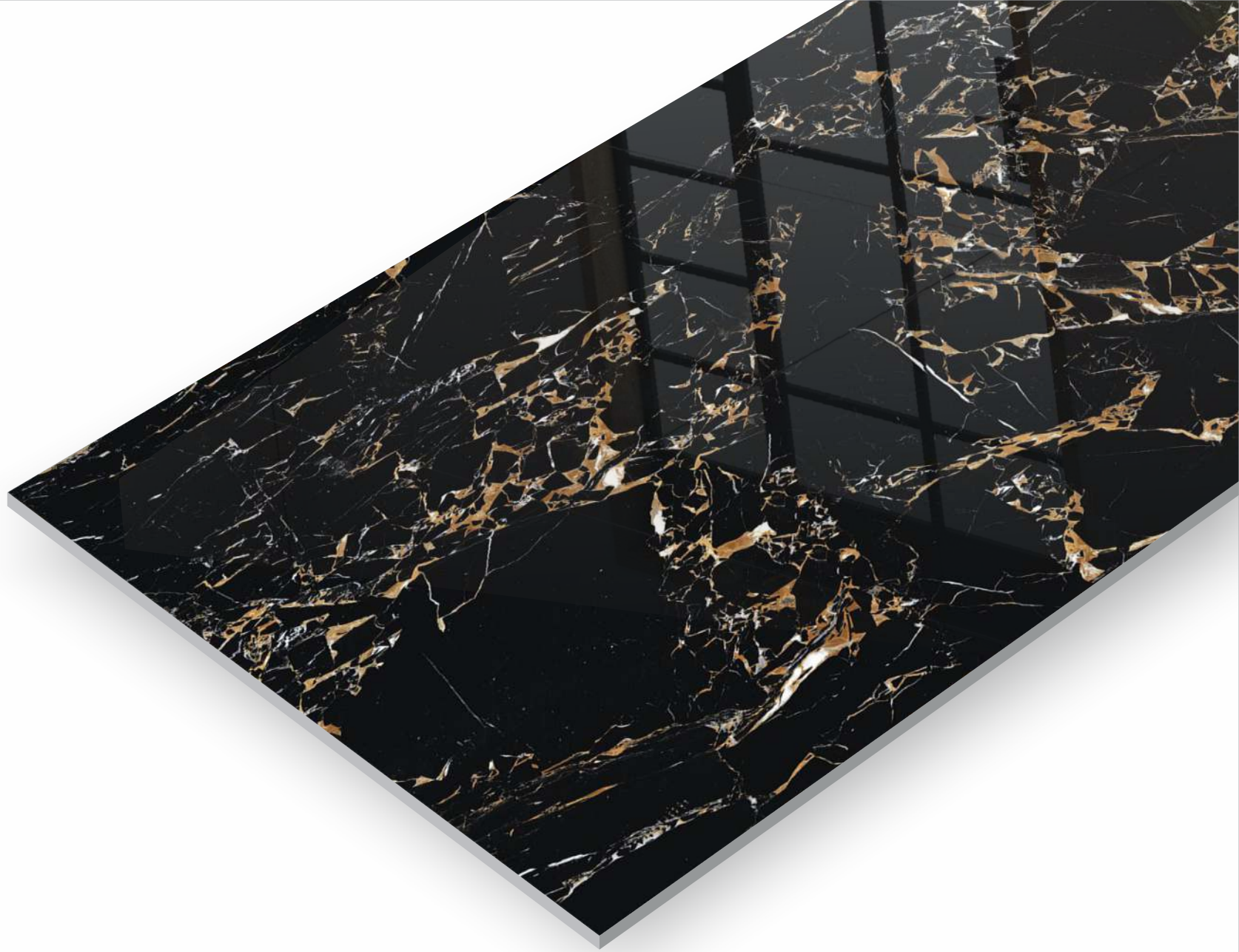
 **RANDOM DESIGN**

 **LOW MAINTENANCE**



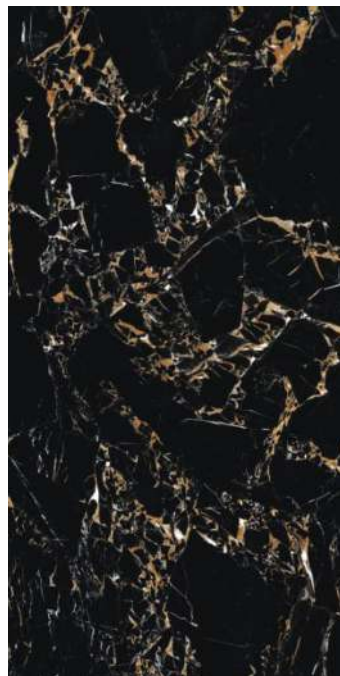
portro
black

portro
brown



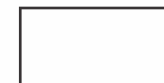
600x
1200mm






portro brown

600x
1200mm



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



portro
brown

**spiral
choco**



**600x
1200mm**






spiral choco

**600x
1200mm**



 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

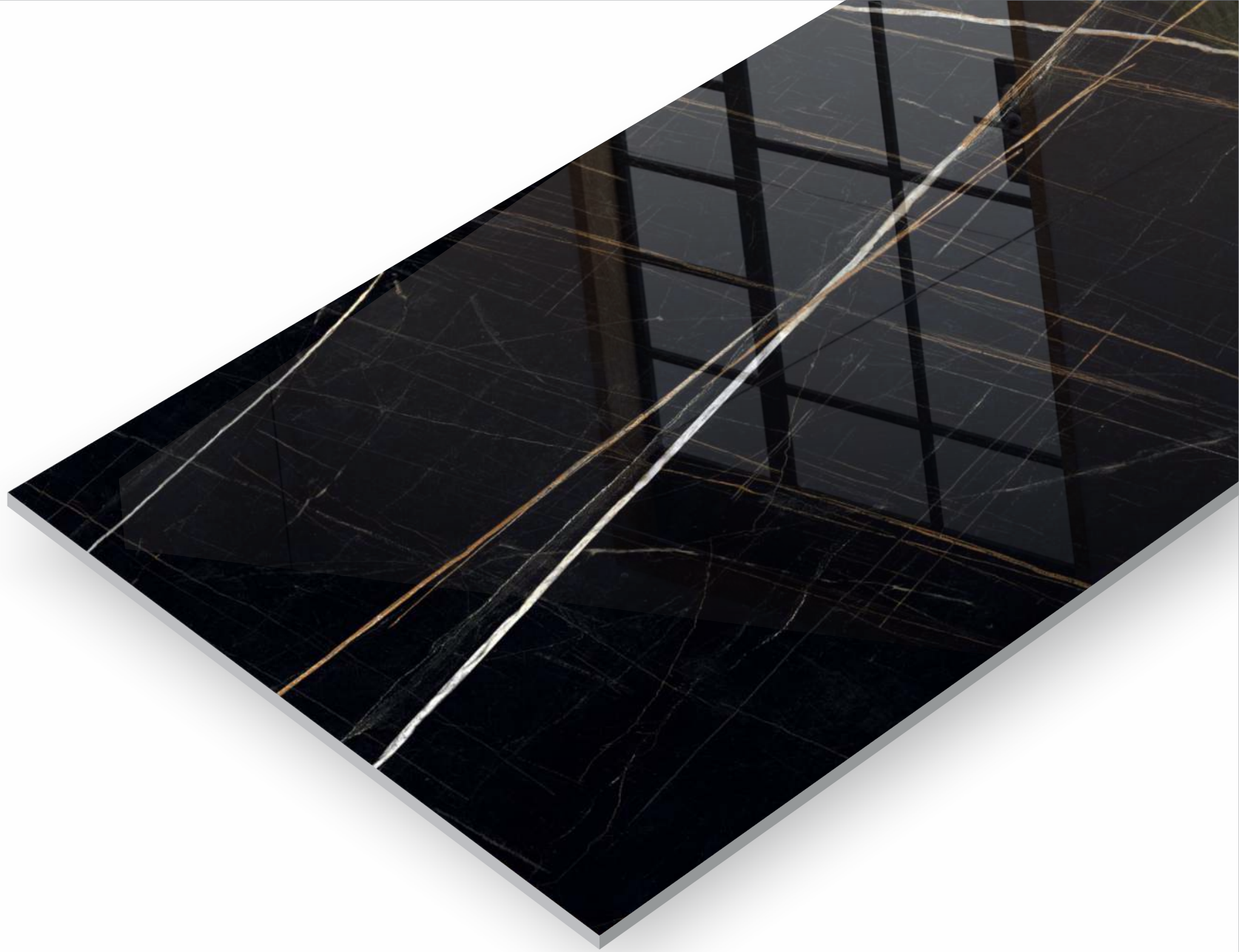
 RANDOM DESIGN

 LOW MAINTENANCE



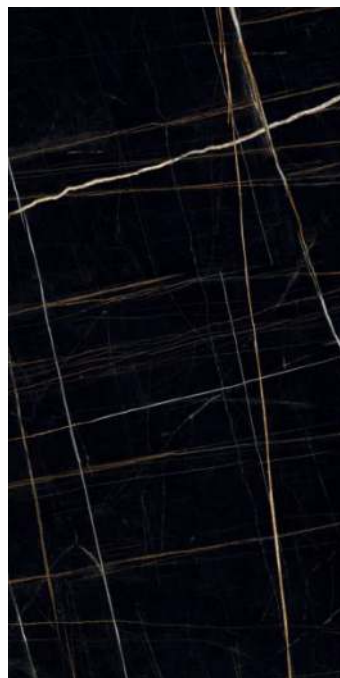
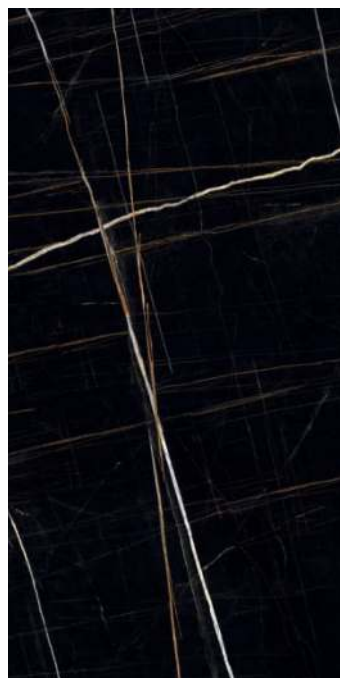
spiral
choco

**saint
laurent**



**600x
1200mm**






saint laurent

600x
1200mm




 Thickness : **9mm**

 Finish: **HIGH GLOSS**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



saint
laurent

Technical Specifications

CHARACTERISTICS	STANDARD AS PER ISO-13006/EN14411 GROUP B/A	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	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

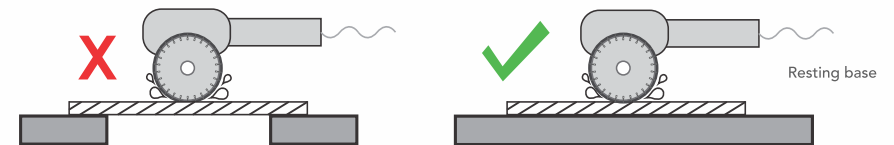
As long as the technical capacity of the cutting machine allows it, it is advisable to finish all the cuts towards the edge of the slab and avoid all the endings at the central area of the slab.

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

