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

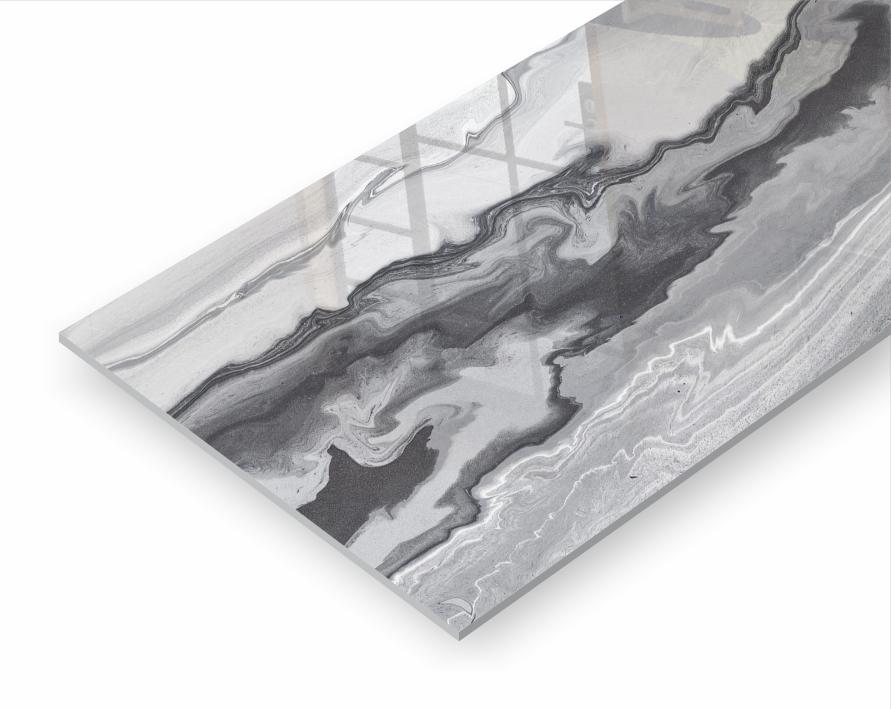
fancy the elegance of a immaculate charisma that casts a spell on you.



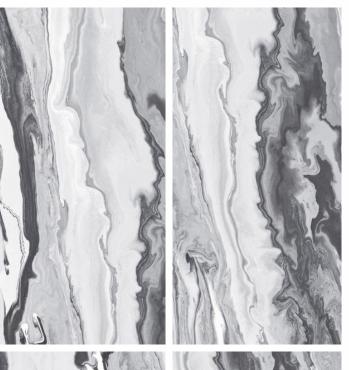
- eco friendly
- random design
- Now maintenance



river grey









river grey

600x 1200mm



Thickness:9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY

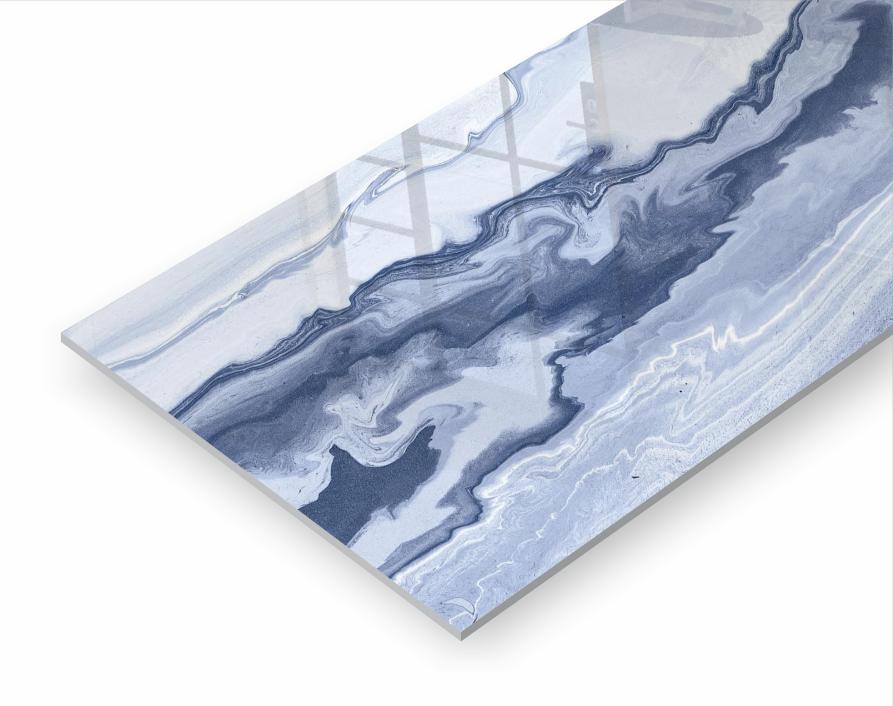


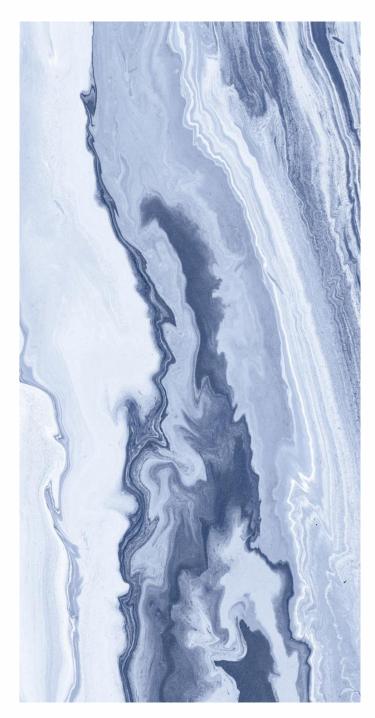
random design

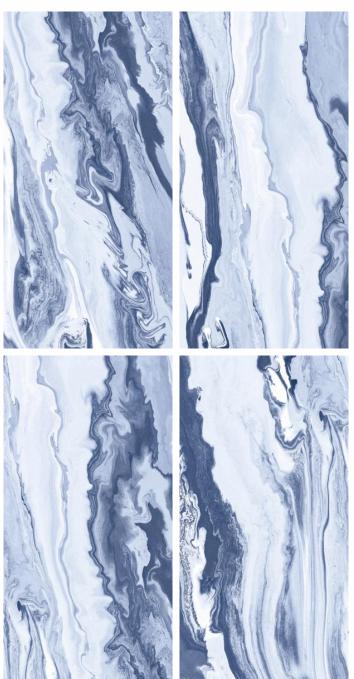




river blue







river blue





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY

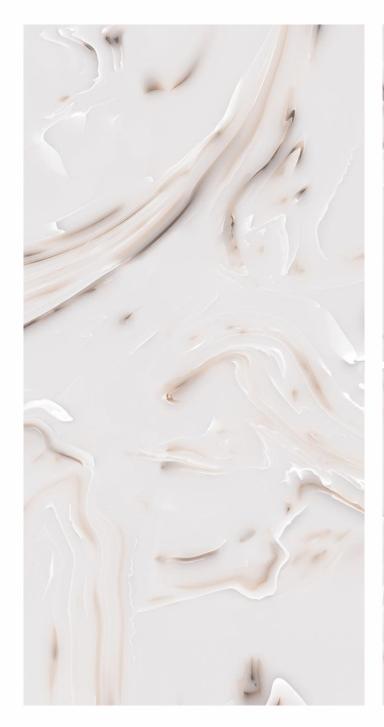


random design



oreal pearl







oreal pearl



600x 1200mm



Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



oreal crema







oreal crema





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Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY

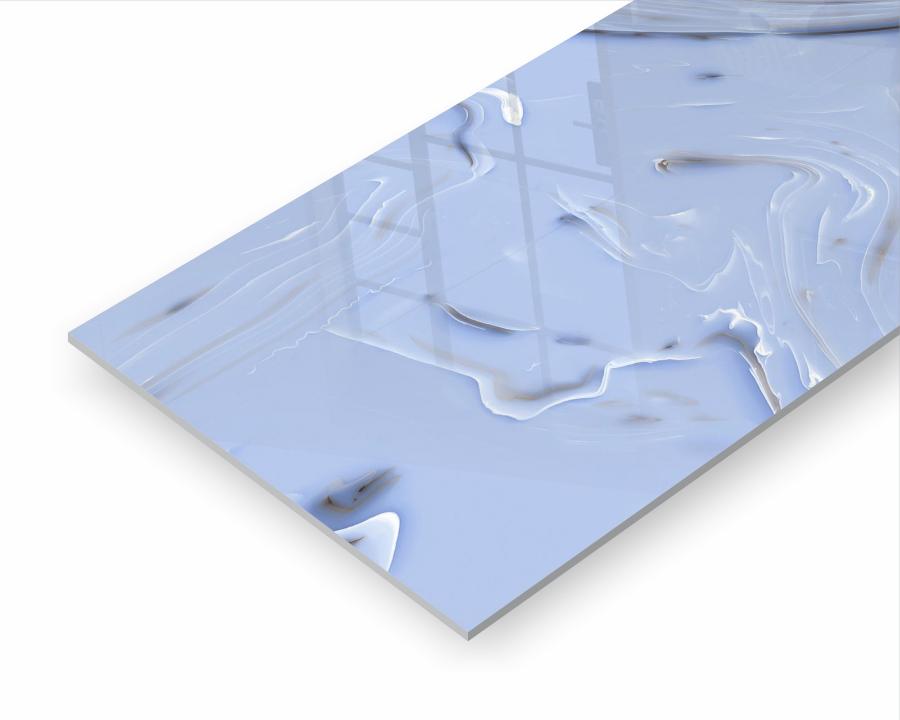


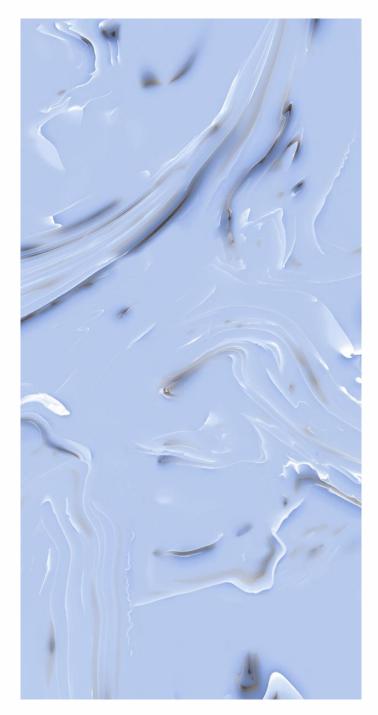
random design

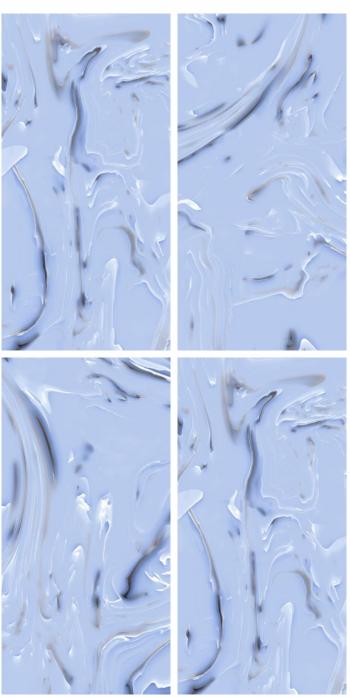




oreal blue







oreal blue





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



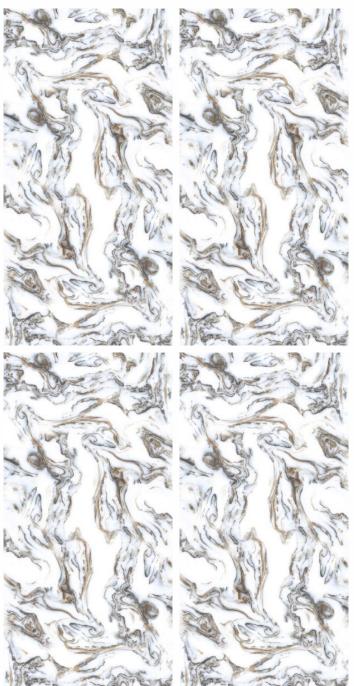
random design



Ice fusion







Ice fusion





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



lce brwon







lce brwon





Thickness:9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



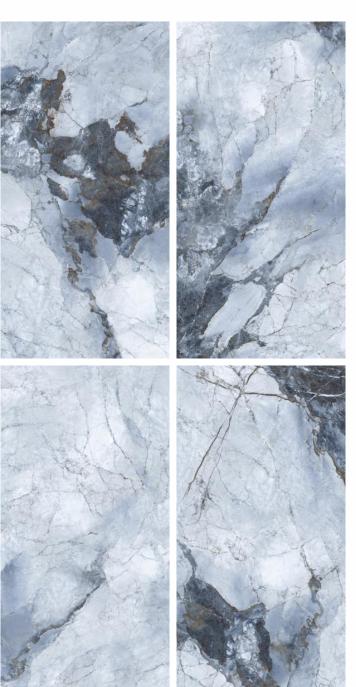
random design



summer blue







summer blue





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



summer brown







summer brown





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



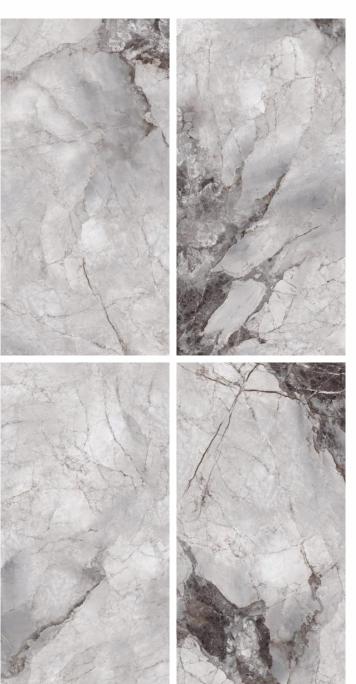
random design



summer grey







summer grey





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design





armenia grey







armenia grey





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY

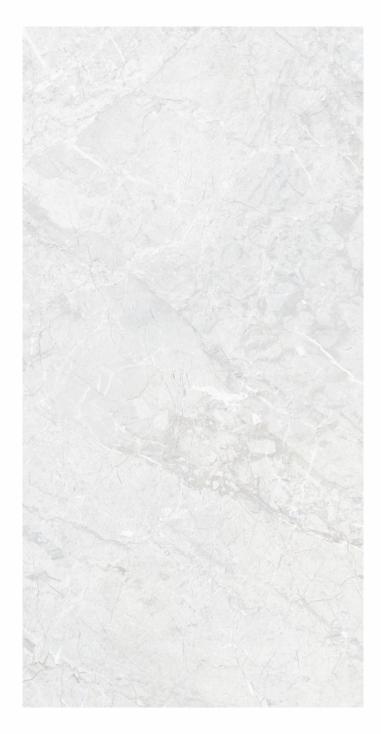


random design



argos grey







argos grey



600x 1200mm



<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



argos crema







argos crema





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



vatican bianco







vatican bianco



600x 1200mm



Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design

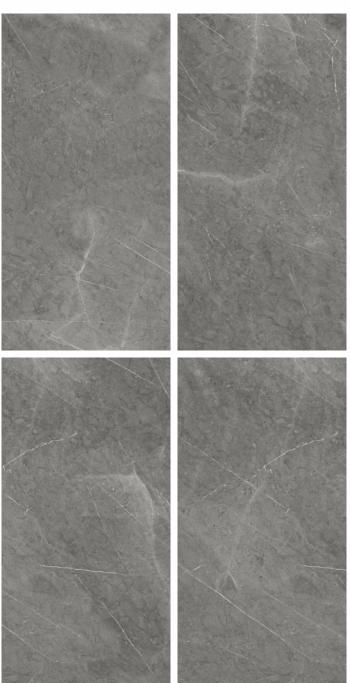




vatican grey







vatican grey





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design





pulpis white







pulpis white



600x 1200mm



<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



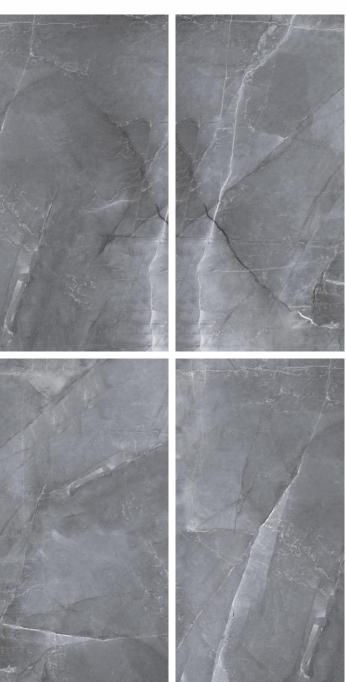
random design



pulpis gray







pulpis grey





Thickness:9mm



Finish: **GLOSSY**



high strength



ECO FRIENDLY



random design





tuscany crema







tuscany crema





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



tuscany verde







tuscany verde





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



olive crema







olive crema



600x 1200mm



<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



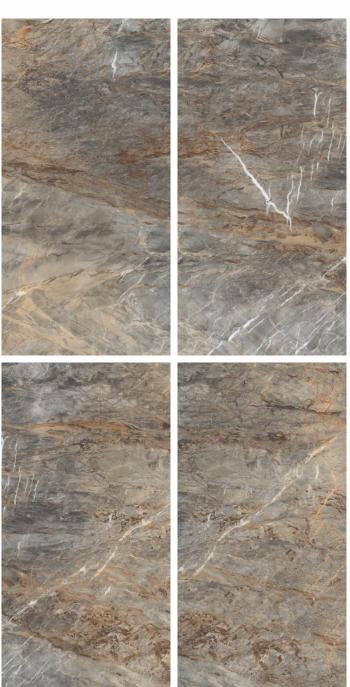
random design



olive brass







olive brass





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



orobico pearl







orobico pearl



600x 1200mm



<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



orobico verde







orobico verde





Thickness:9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



travertino pearl







travertino pearl





Thickness: 9mm



Finish: **GLOSSY**



high strength



ECO FRIENDLY



random design



travertino real







travertino real





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design





travartino glitter





travartino glitter





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



high strength



ECO FRIENDLY



RANDOM DESIGN











travertine





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



high strength

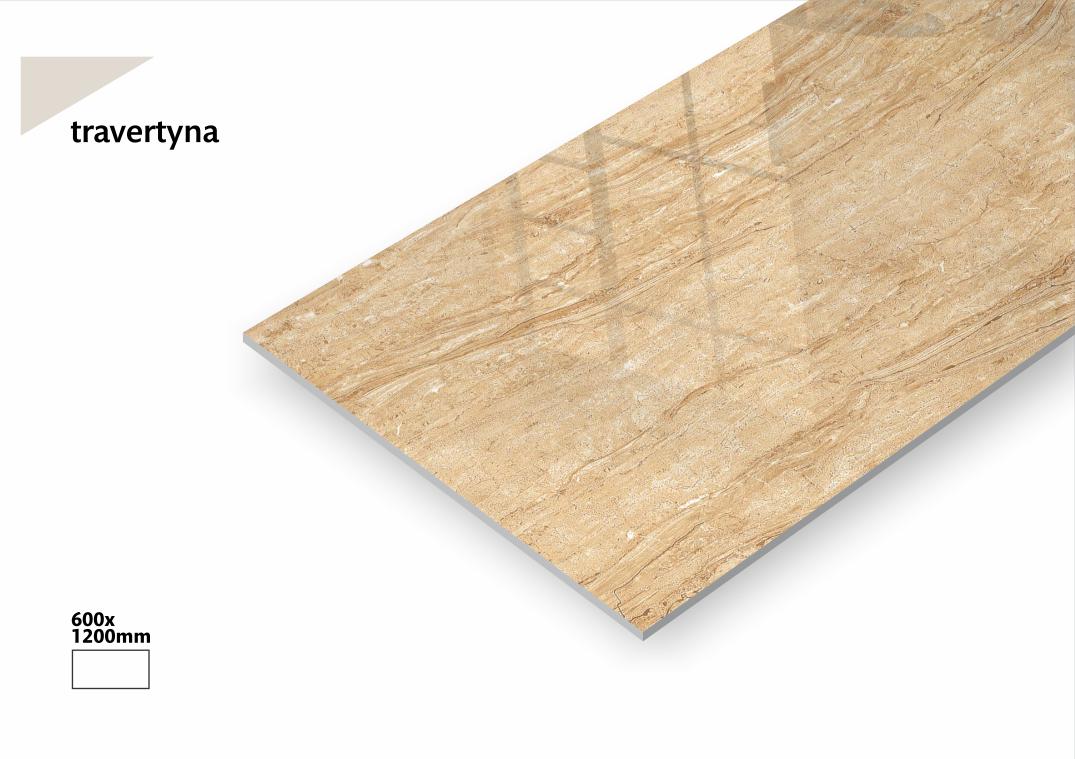


ECO FRIENDLY



random design









travertyna





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



daina aurora







daina aurora





<u>*</u> 1

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



daina gold







daina gold





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



daina river







daina river





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



daina crema







daina crema





≛ ⊺

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



daina marfil







daina marfil





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



daina real







daina real





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



royal breccia







royal breccia





Thickness: 9mm



Finish: **GLOSSY**



high strength



ECO FRIENDLY



random design





breccia real







breccia real





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



blue breccia







blue breccia





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



Breccia beige





Breccia beige





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Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



breccia gold





breccia gold





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



breccia grey







breccia grey





<u></u> ⊤ŀ

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design

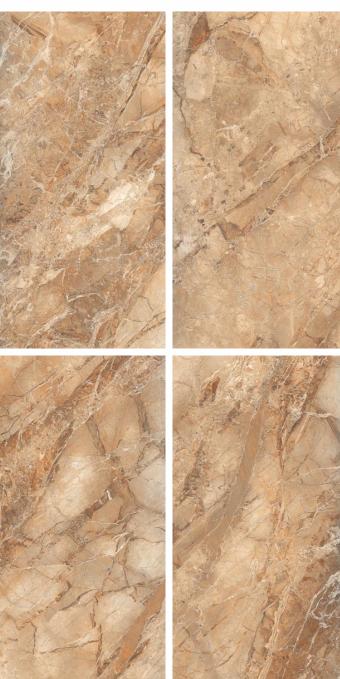




breccia choco







breccia choco





<u>*</u> 7

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design







v cornica





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



maxima crema





maxima crema





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



marmo crema







marmo crema





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



aesthetic brown







aesthetic brown





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



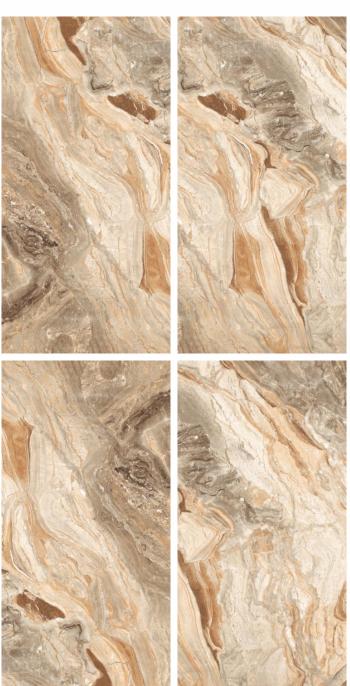
random design



livianza camlin







livianza camlin





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



elenta verde







elenta verde





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



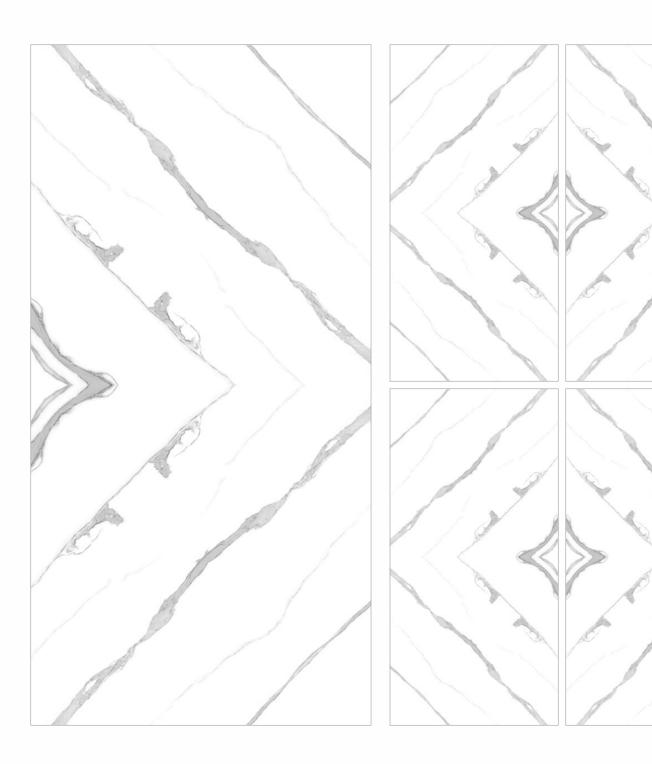
random design





costa white





costa white



600x 1200mm



<u>*</u> 7

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY

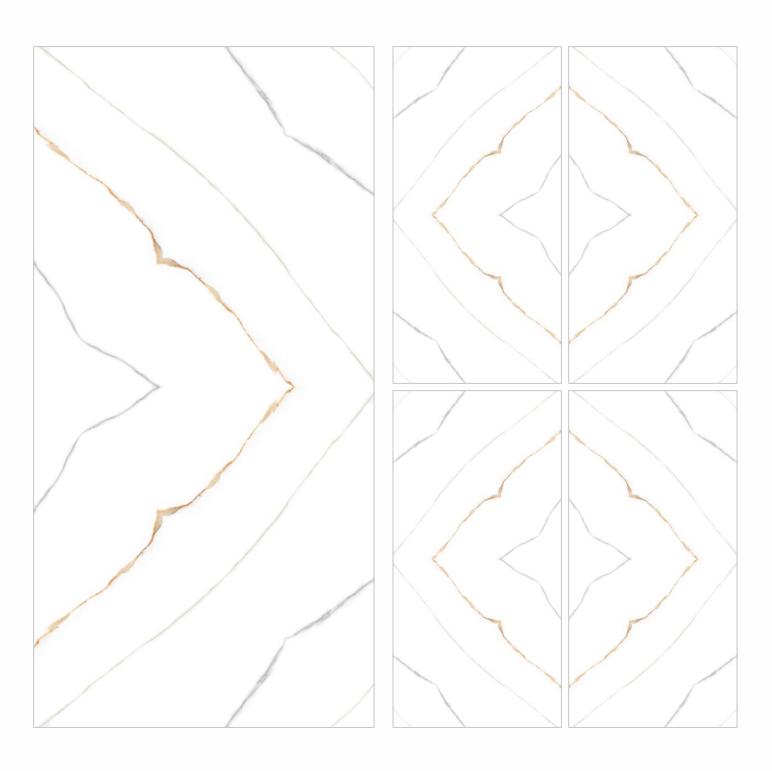


random design









marita statuario





 $\stackrel{\bullet}{=}$

Thickness: 9mm



Finish: **GLOSSY**



high strength



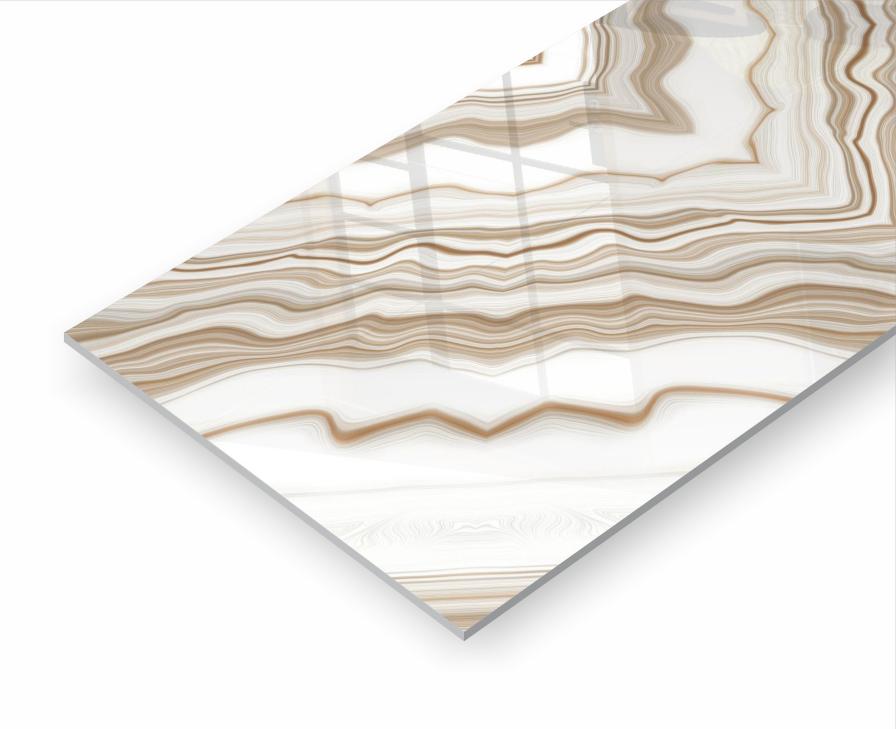
ECO FRIENDLY



random design



rogg bronze







rogg bronze





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



aron brown







aron brown





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



kolloth grey







kolloth grey

600x 1200mm



Thickness: 9mm



Finish: **GLOSSY**



high strength



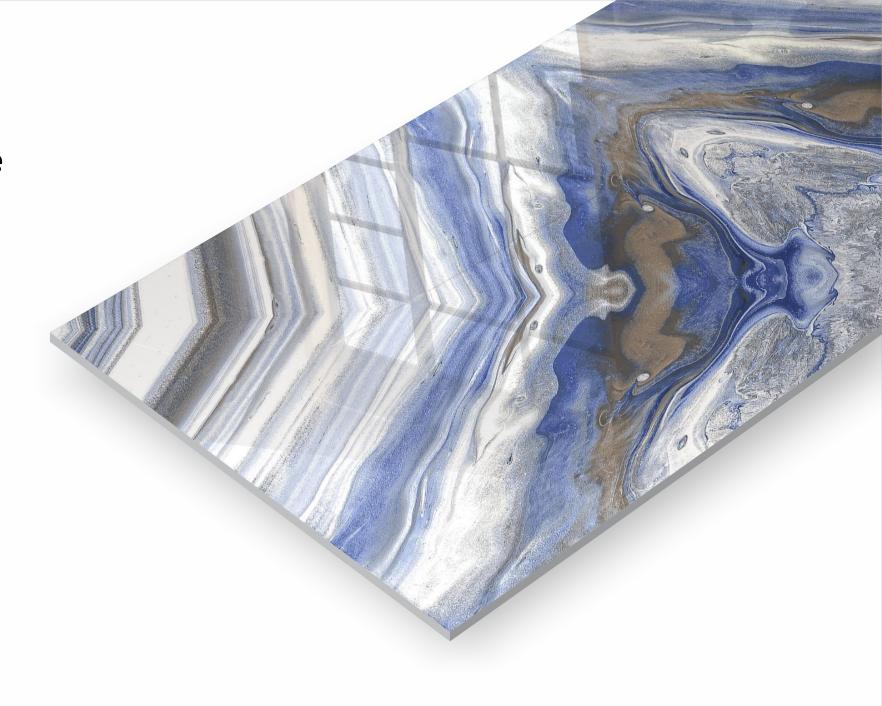
ECO FRIENDLY

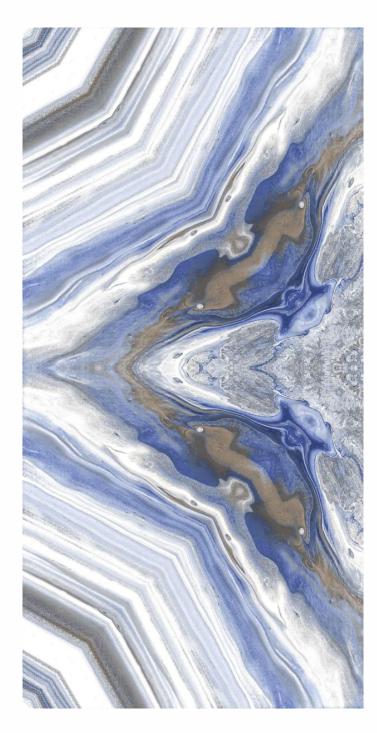


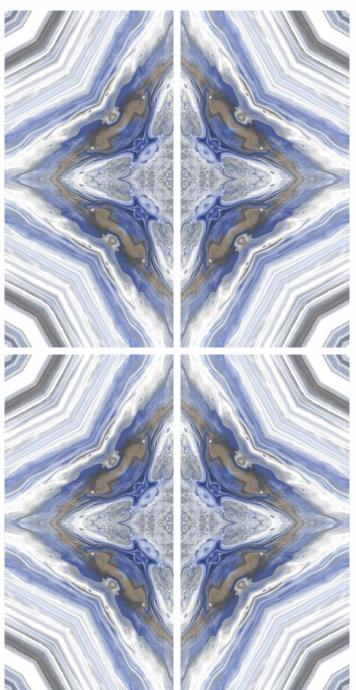
random design



matrix sapphire







matrix sapphire





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY

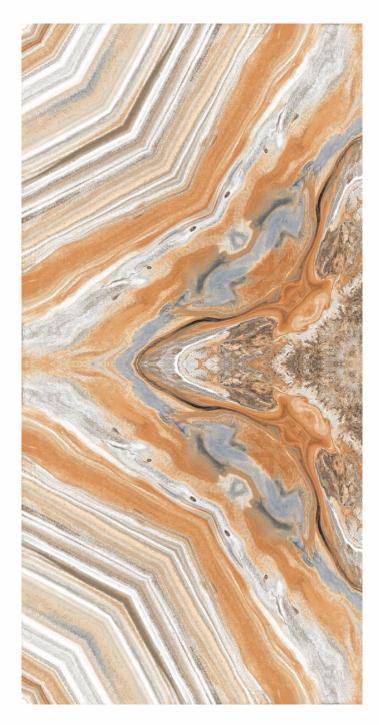


random design



matrix brown







matrix brown





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



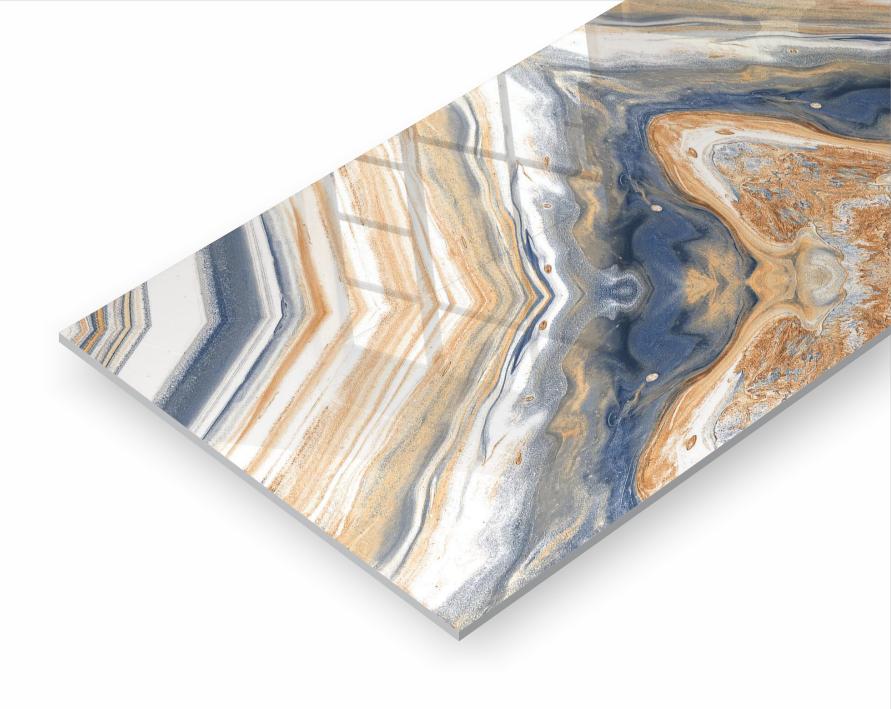
ECO FRIENDLY

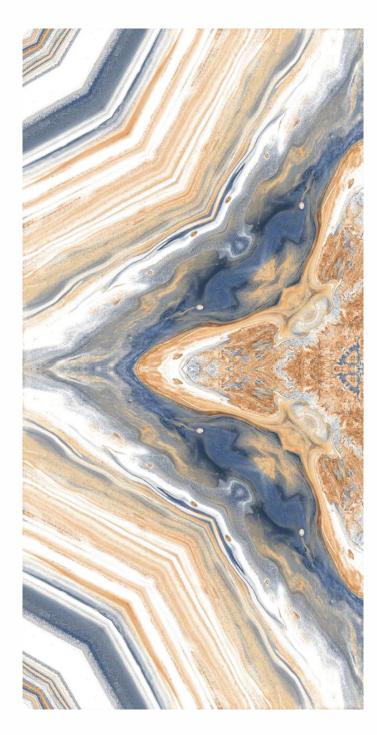


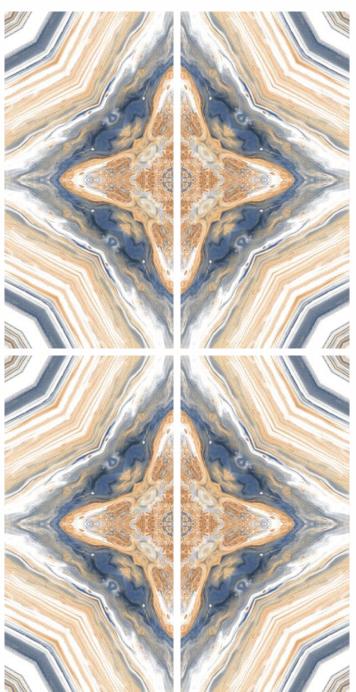
random design



matrix oro







matrix oro





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



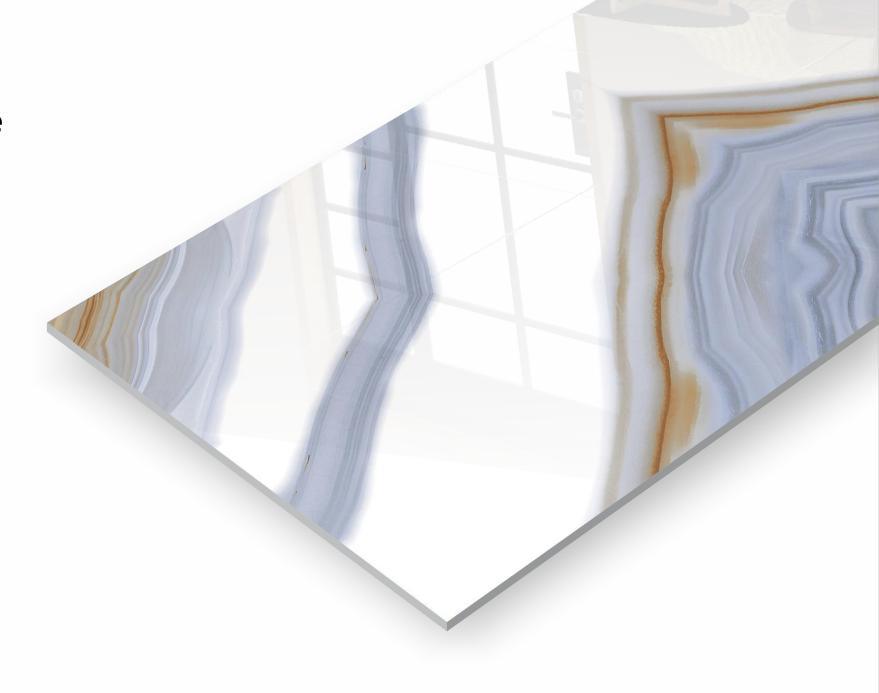
ECO FRIENDLY



random design



elegance blue





elegance blue





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



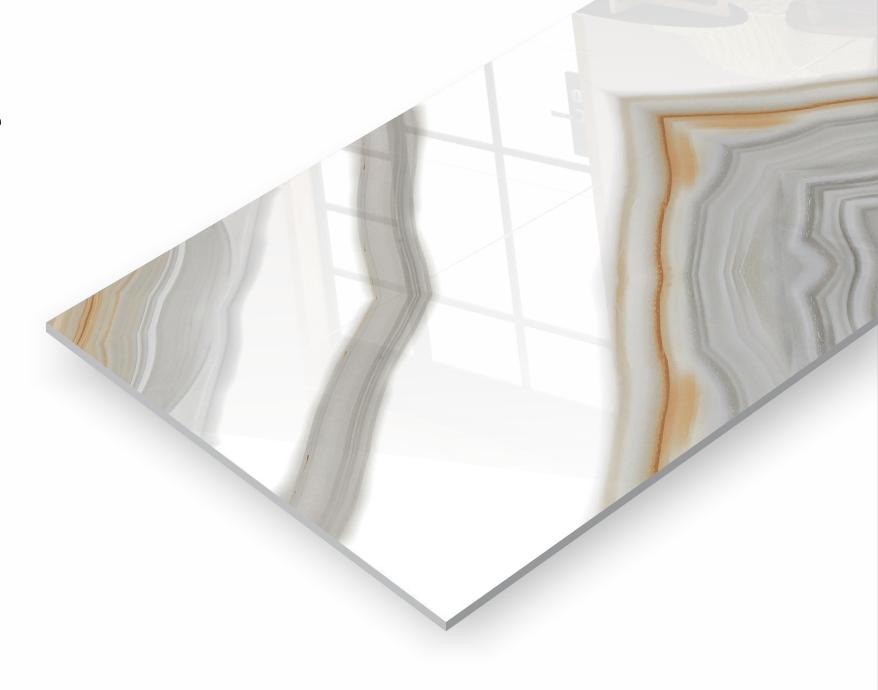
ECO FRIENDLY



random design



elegance verde





elegance verde





<u></u>

Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



polar white





polar white



600x 1200mm



Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



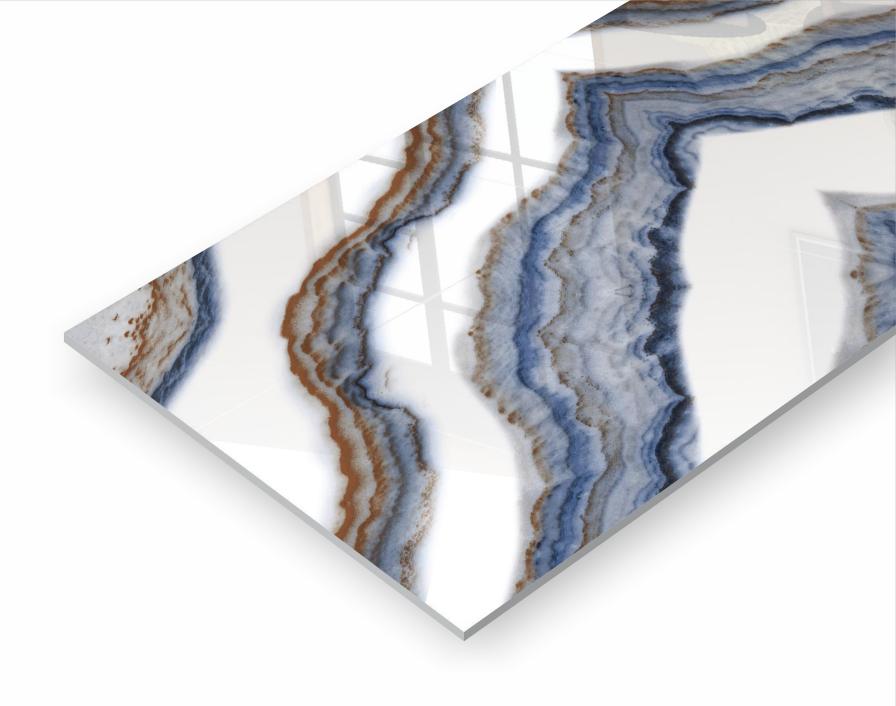
ECO FRIENDLY

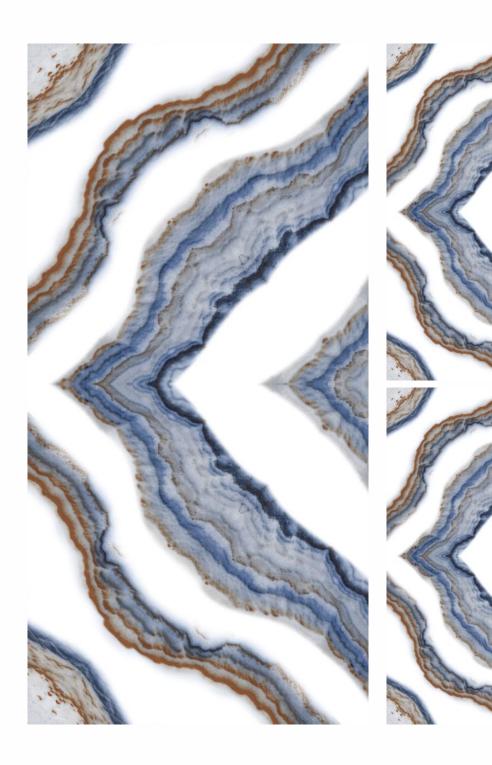


RANDOM DESIGN



marvel blue





marvel blue





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



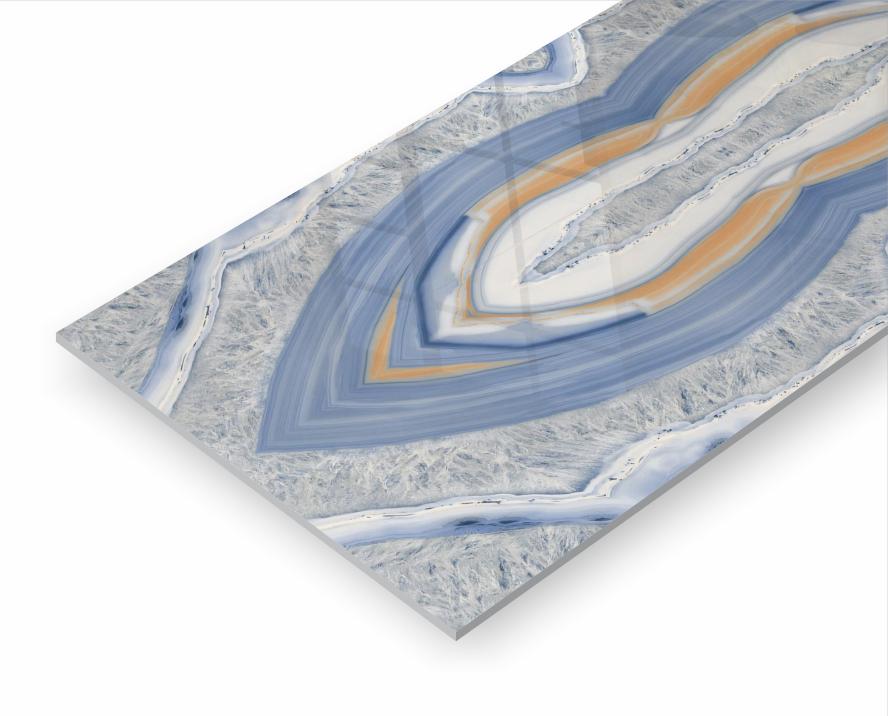
ECO FRIENDLY



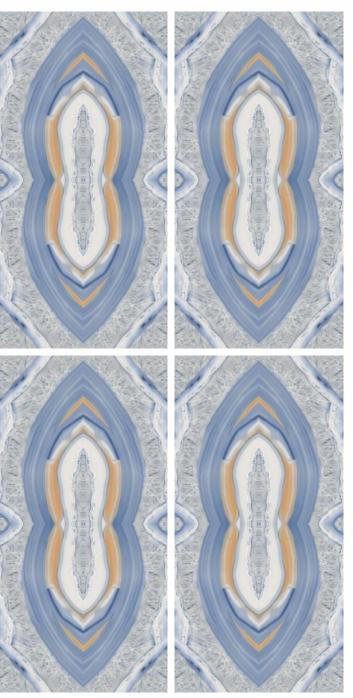
random design



carpet blue







carpet blue





Thickness: 9mm



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



random design



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/mm²	Min. 40 N/mm²	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.		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 $5\,\mathrm{mm}$ - $3/16^\circ$ radius. Therefore, the drill must have $10\,\mathrm{mm}$ - $6/16^\circ$ diameter or more.

Water iet 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 $50 \text{ mm} \cdot 2^{*}$ 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 $0.6 \text{ m/min} \cdot 2^{*}$ feet / min

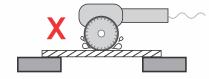
As long as the technical capacity of the cutting machine allows it, it is advisable to finish all the cuts towards the edge of the slab and avoid all the endings at the central area of the slab.

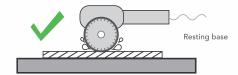
Cutting stresses

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

