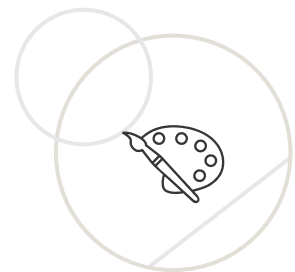
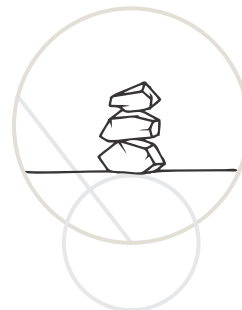
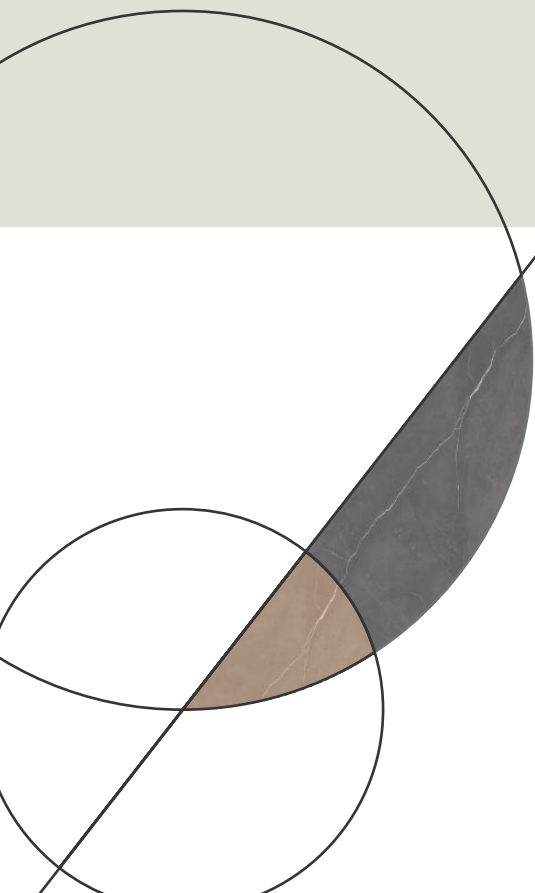


80x160cm | PGVT
Glossy Series



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



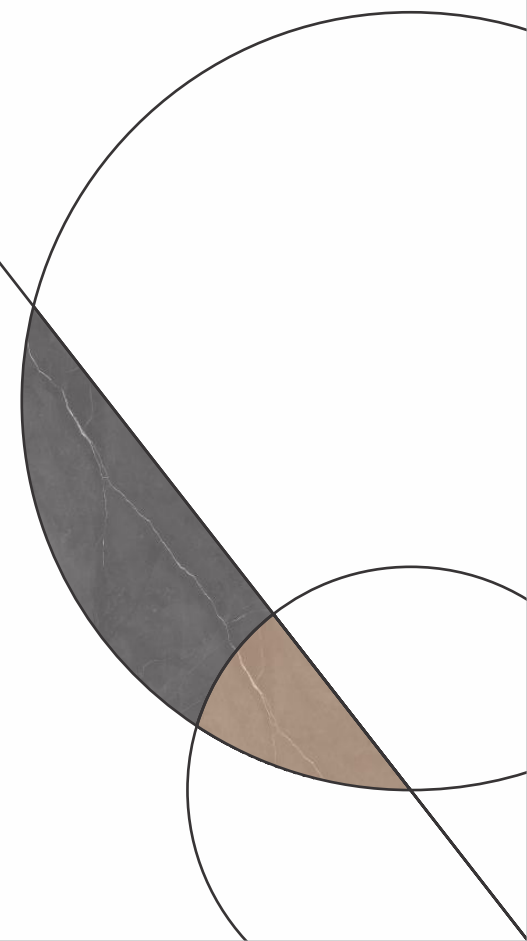
Bathroom



Kitchen



Children-Friendly Spaces





nature



*A blend of 5 elements
of nature - earth, water,
air, fire, and space
transforming to develop
something mesmerizing.*





vision

*A successful endeavour
is achieved when vision
is created. Vision is to see
with the eyes of faith.
Dreams full of imagination.*





texture

*A texture inspires one's
soul magnifying attention
to detail. Texture creates
a visual interest and
develops a feeling of balance.*

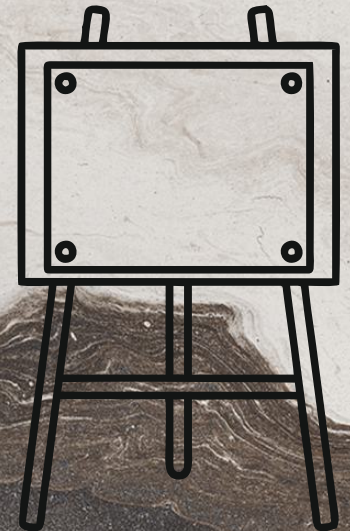




art

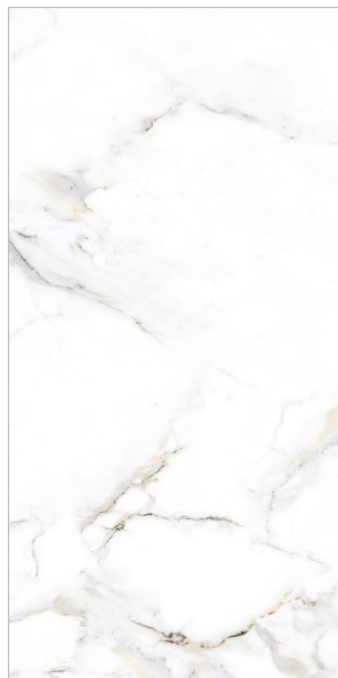
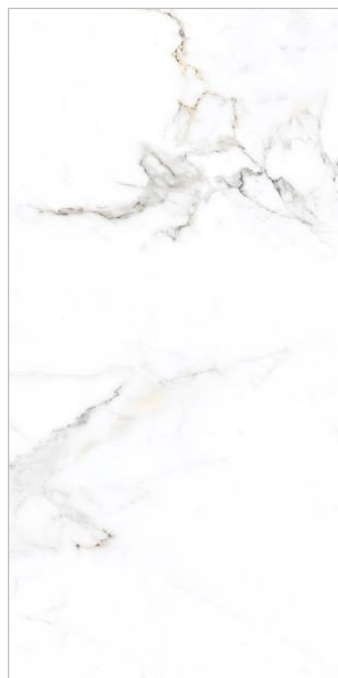
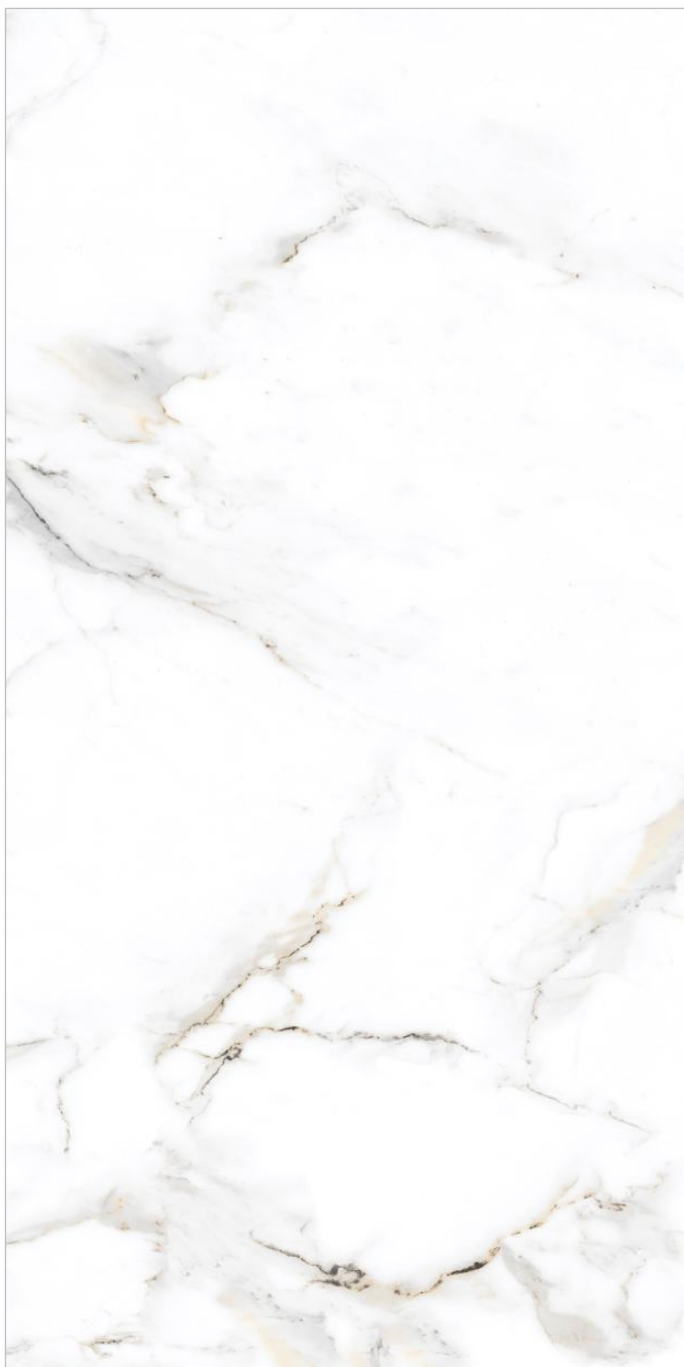


*Art is not only a
creation but also a feeling.
Emotions are displayed with
the help of colours and theme.
Art has the power to talk in a
way that message cannot.*





statuario
marble




statuario marble

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



statuario
marble



statuario
volcano




statuario volcano

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



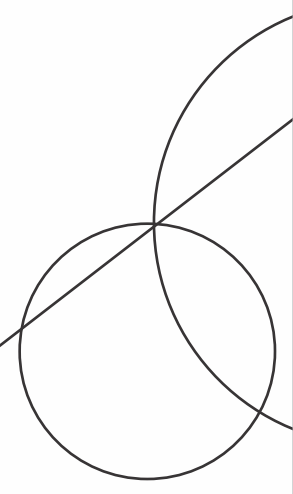
RANDOM DESIGN



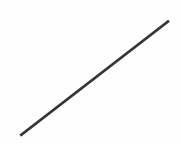
LOW MAINTENANCE

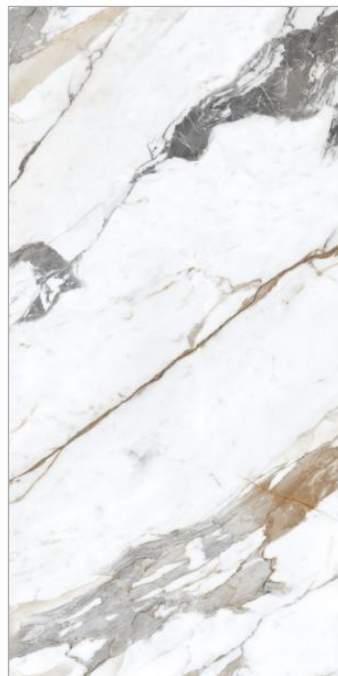
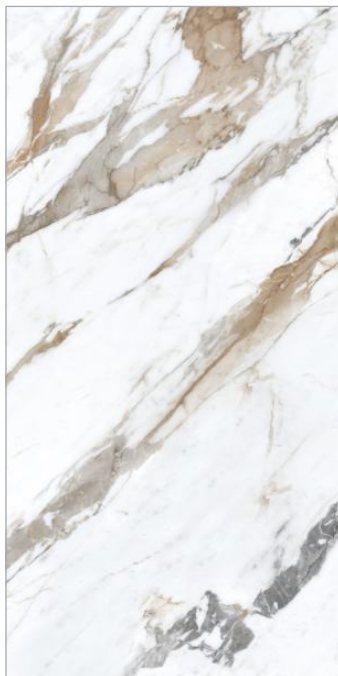


statuario
volcano



calacatta
borghini






calacatta
borghini

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



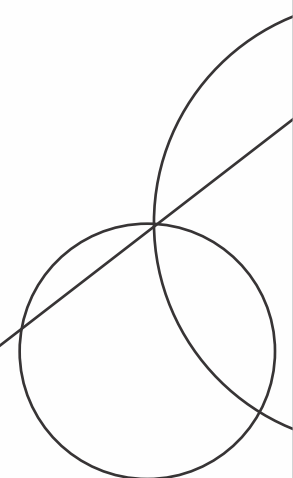
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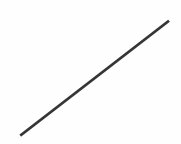
LOW MAINTENANCE



calacatta
borghini



calacatta
oro





calacatta
oro

80x
160cm



≡ Thickness : **0.9cm**

☀️ Finish: **GLOSSY**

🛡️ HIGH STRENGTH

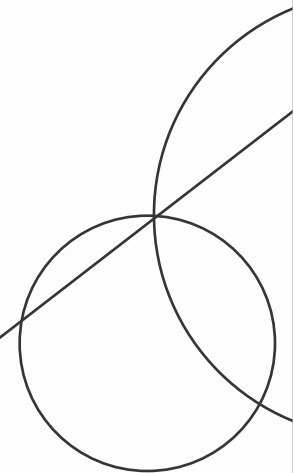
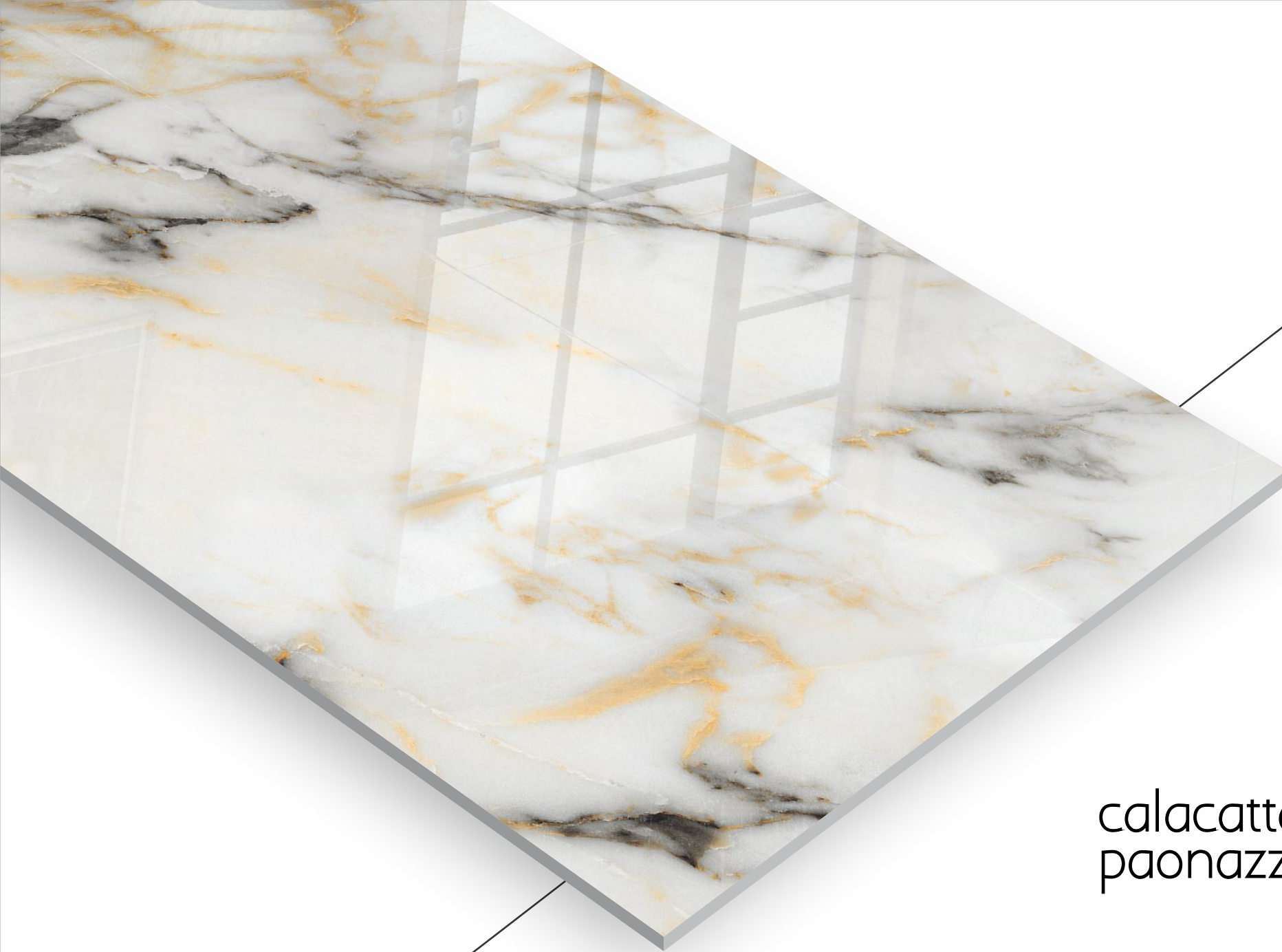
♻️ ECO FRIENDLY

🎲 RANDOM DESIGN

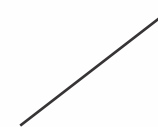
🔧 LOW MAINTENANCE

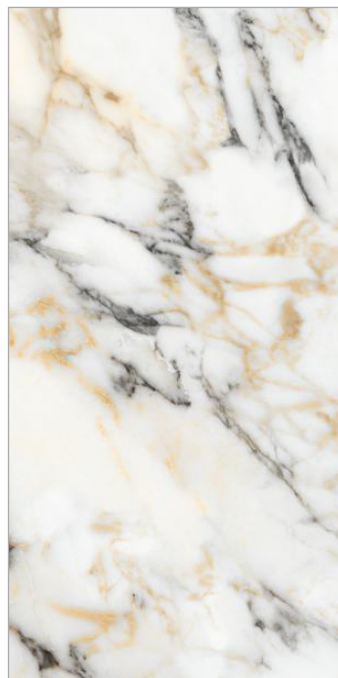
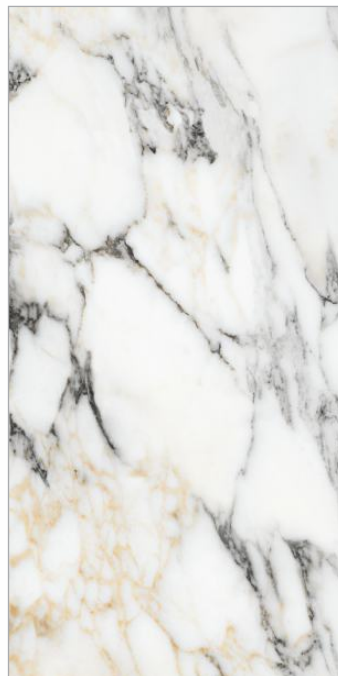
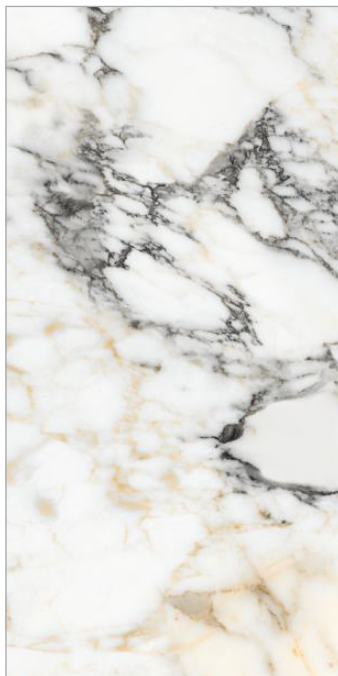


calacatta
oro



calacatta
paonazzo






calacatta paonazzo

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



calacatta
paonazzo



carrara
albino




carrara
albino

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**

 HIGH STRENGTH

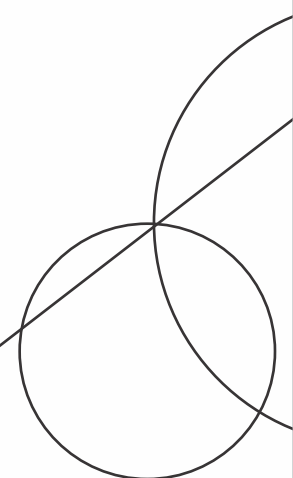
 ECO FRIENDLY

 RANDOM DESIGN

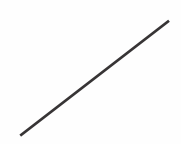
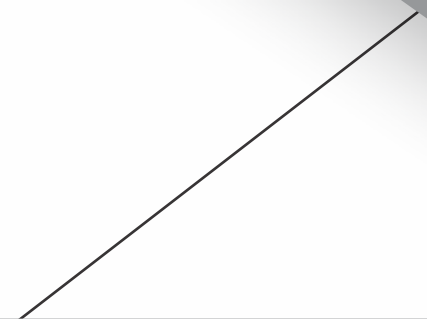
 LOW MAINTENANCE



carrara
albino



carrara
paonazzo






carrara paonazzo

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



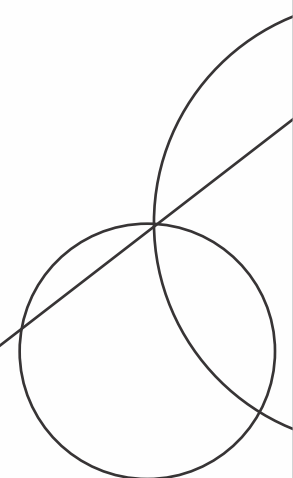
RANDOM DESIGN



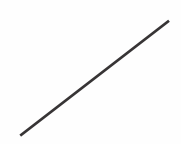
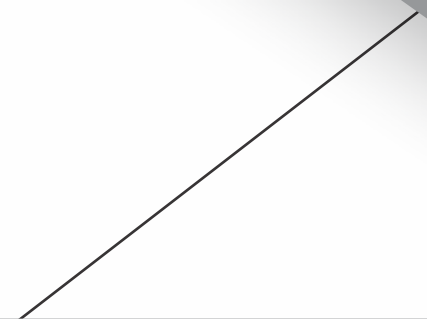
LOW MAINTENANCE

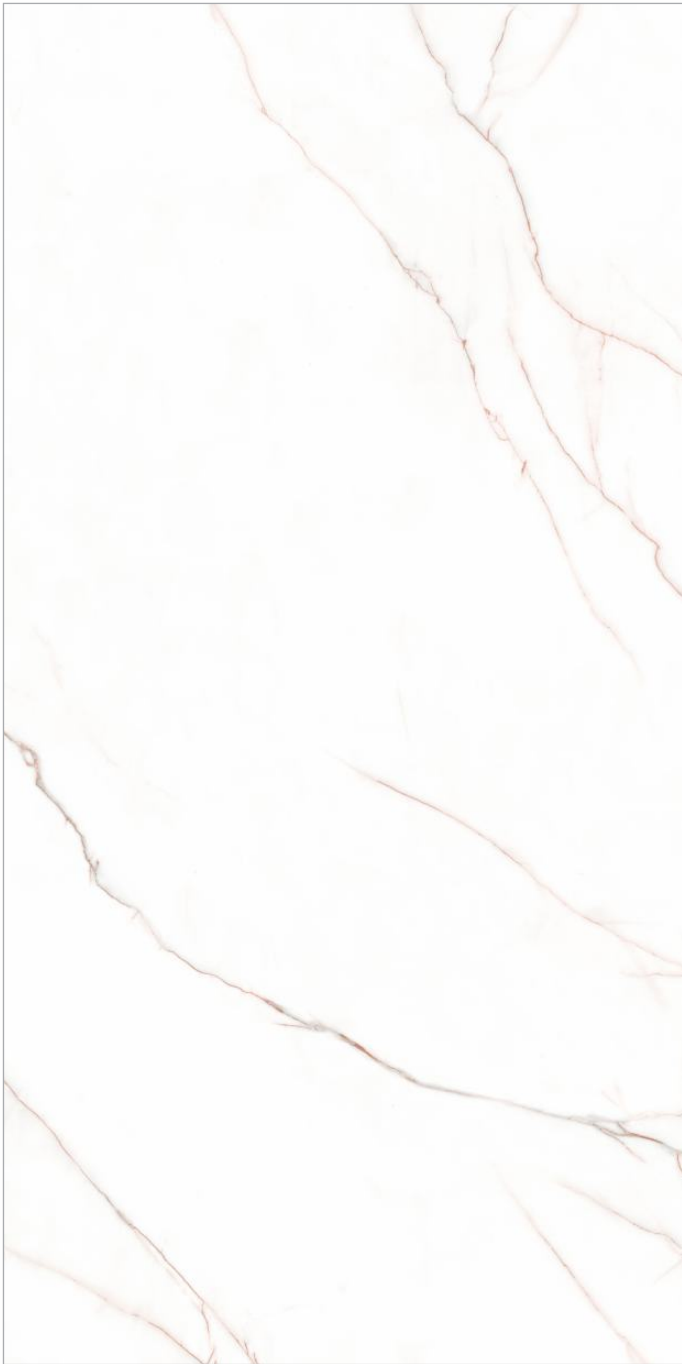


carrara
paonazzo



golden
spider






golden
spider

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**

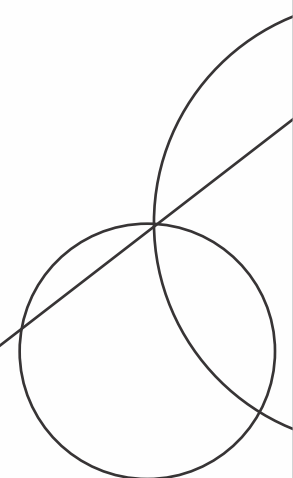
 HIGH STRENGTH

 ECO FRIENDLY

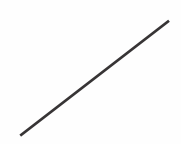
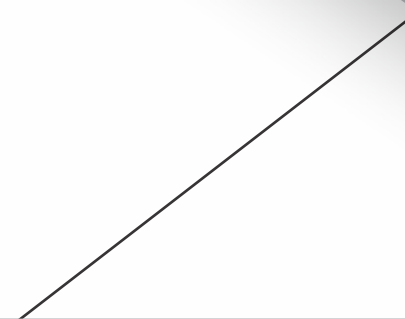
 RANDOM DESIGN

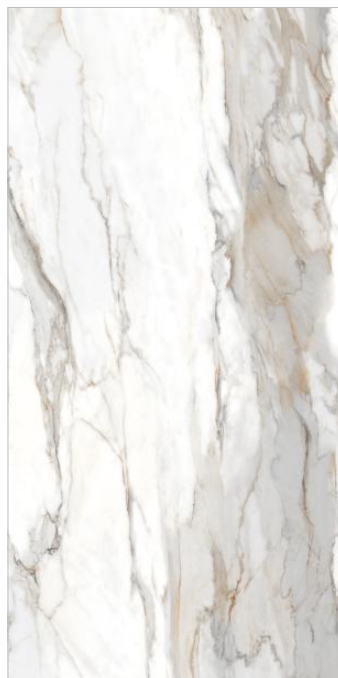
 LOW MAINTENANCE





macchia
vecchia






macchia
vecchia

80x
160cm



≡ Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



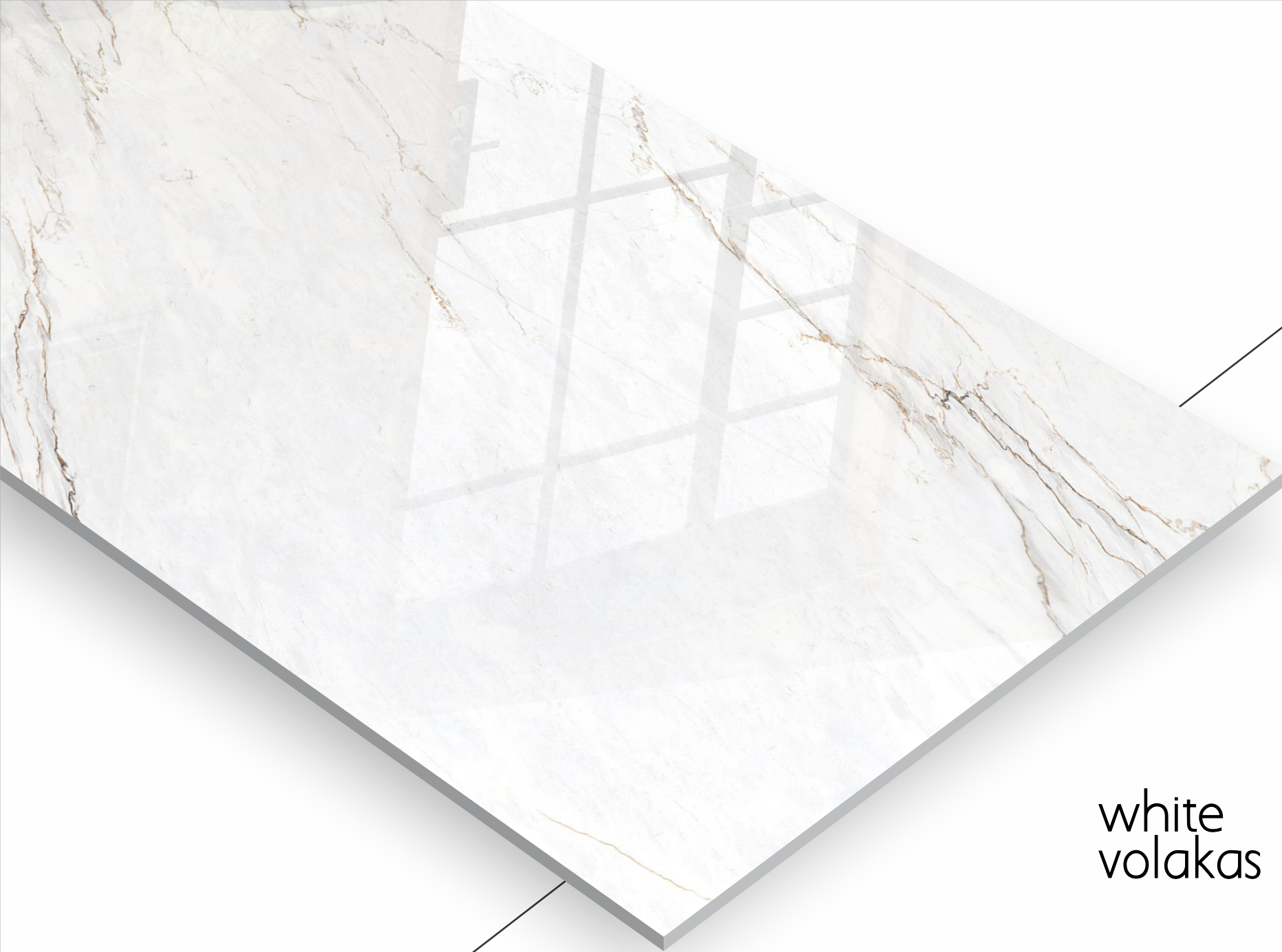
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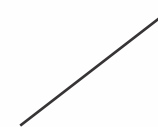
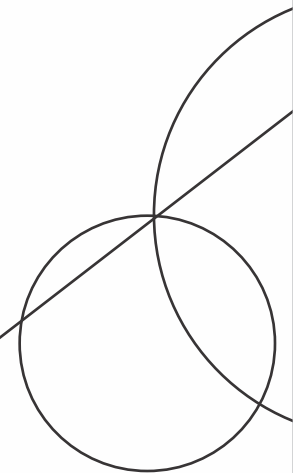
LOW MAINTENANCE



macchia
vecchia



white
volakas





white
volakas

80x
160cm



≡ Thickness : **0.9cm**

☀️ Finish: **GLOSSY**

🛡️ HIGH STRENGTH

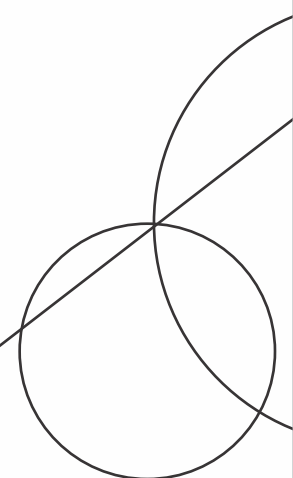
♻️ ECO FRIENDLY

🎲 RANDOM DESIGN

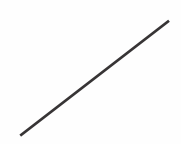
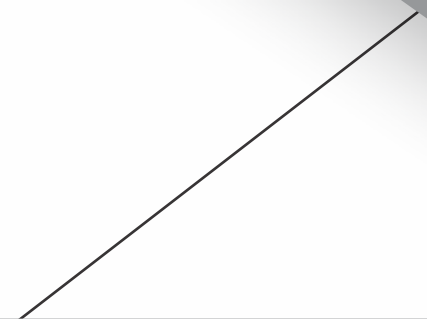
🔧 LOW MAINTENANCE

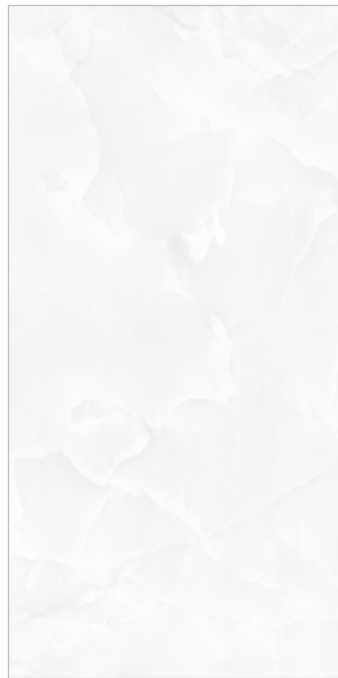
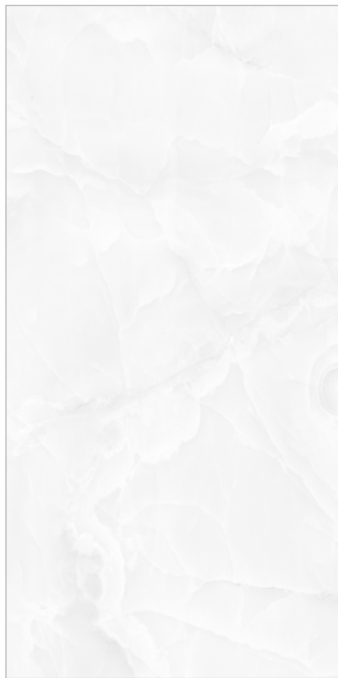
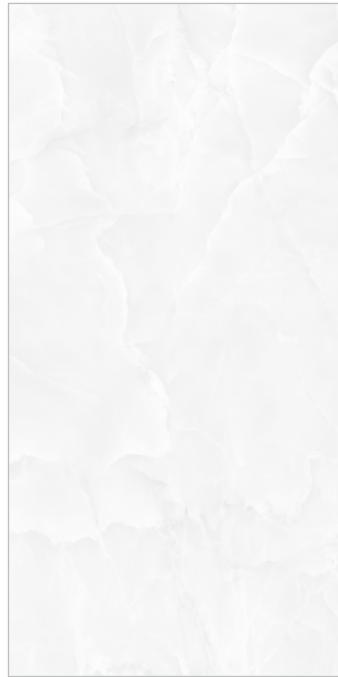
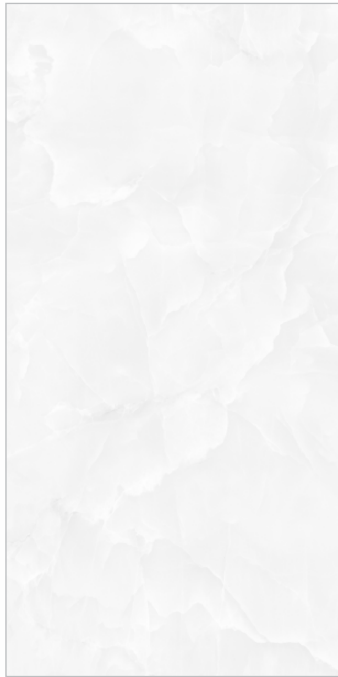
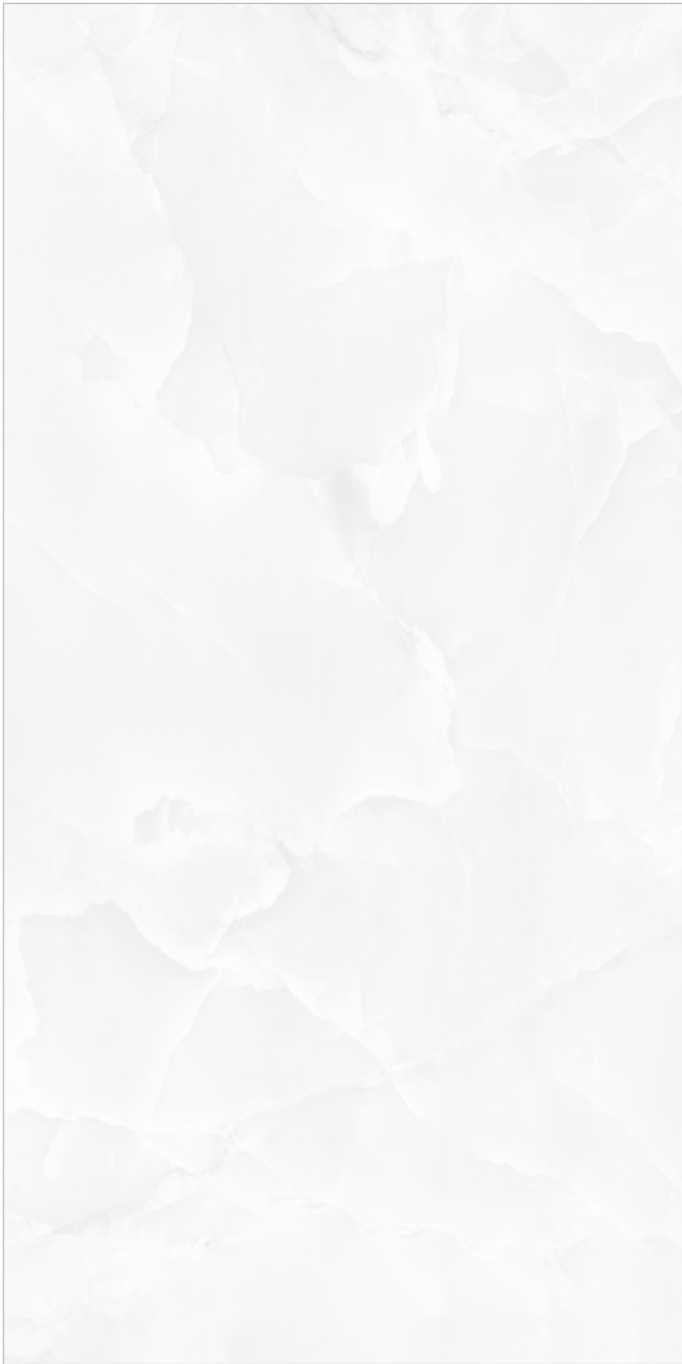


white
volakas



silver
onyx






silver
onyx

80x
160cm



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



preserved lemon

silver onyx



lilac
white



lilac
white

80x
160cm



Thickness : **0.9cm**

Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



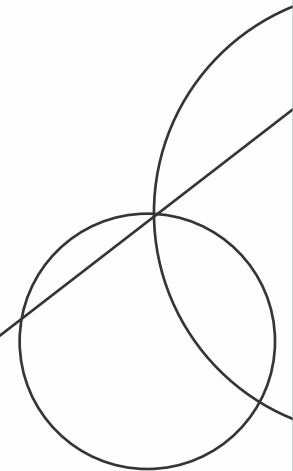
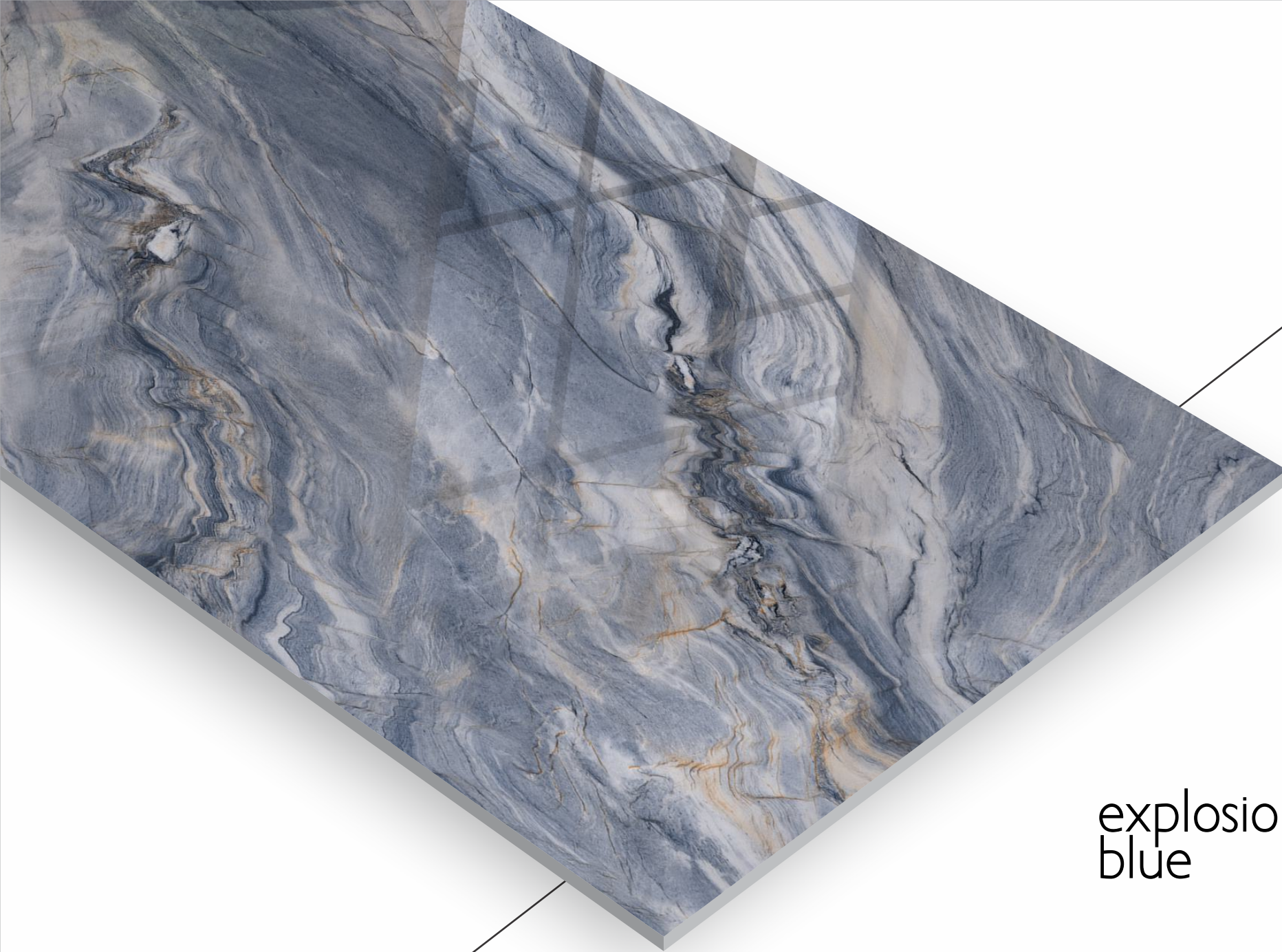
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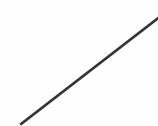
LOW MAINTENANCE

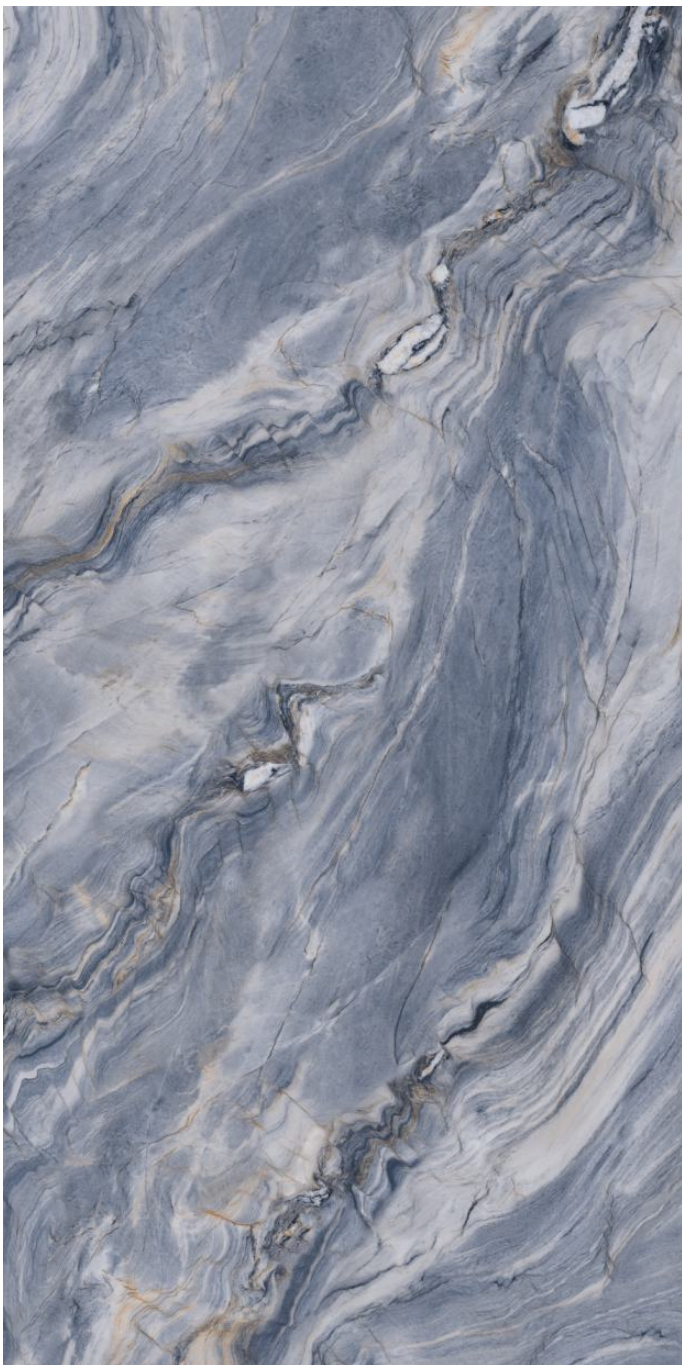


lilac
white



explosion
blue






explosion blue

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



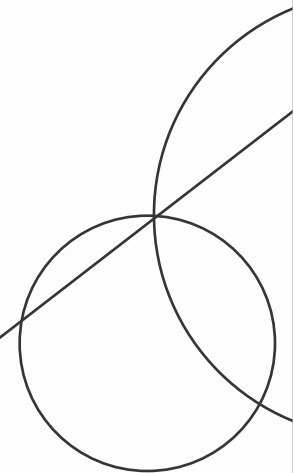
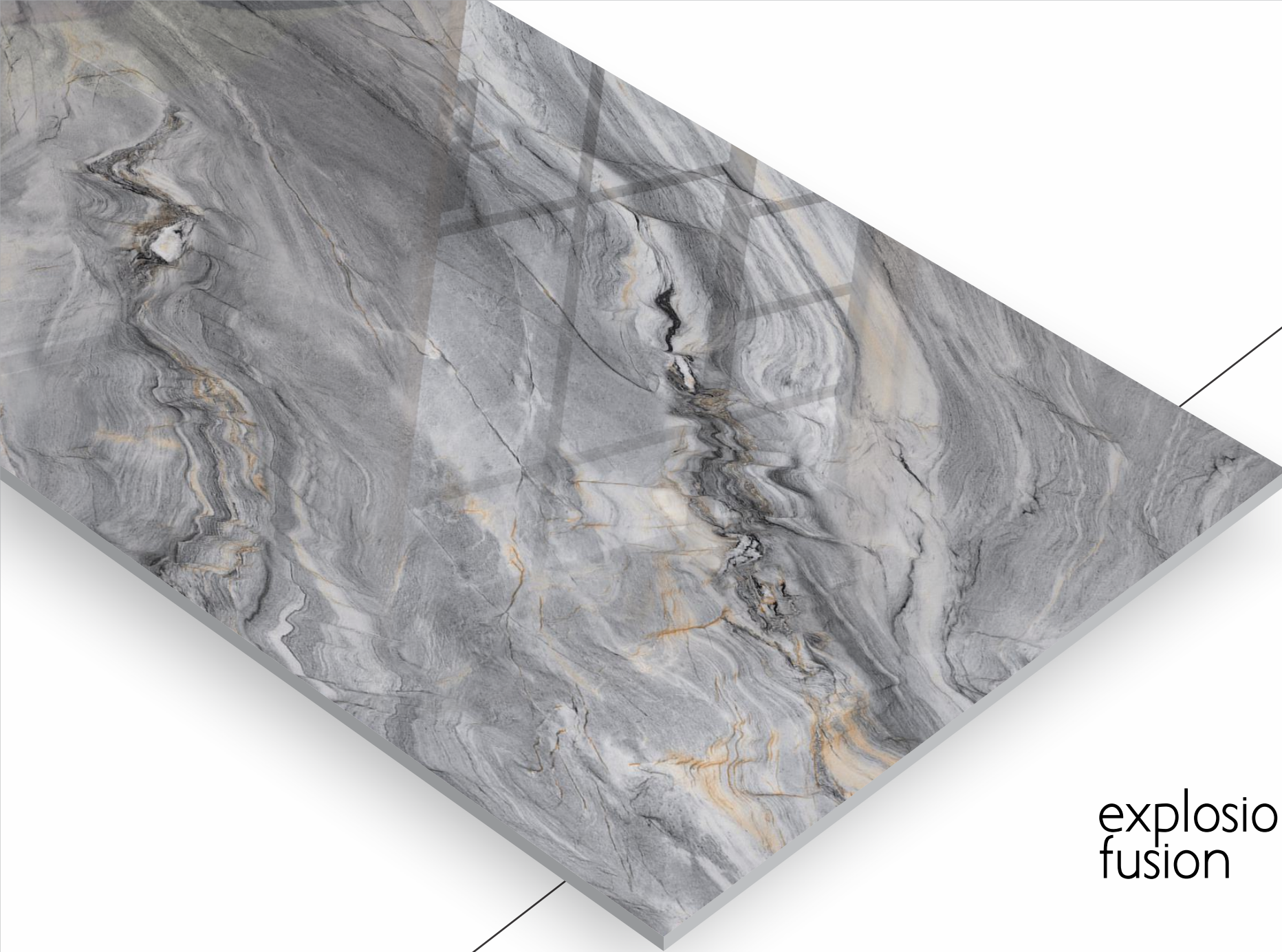
RANDOM DESIGN



LOW MAINTENANCE



explosion
blue



explosion
fusion




explosion fusion

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



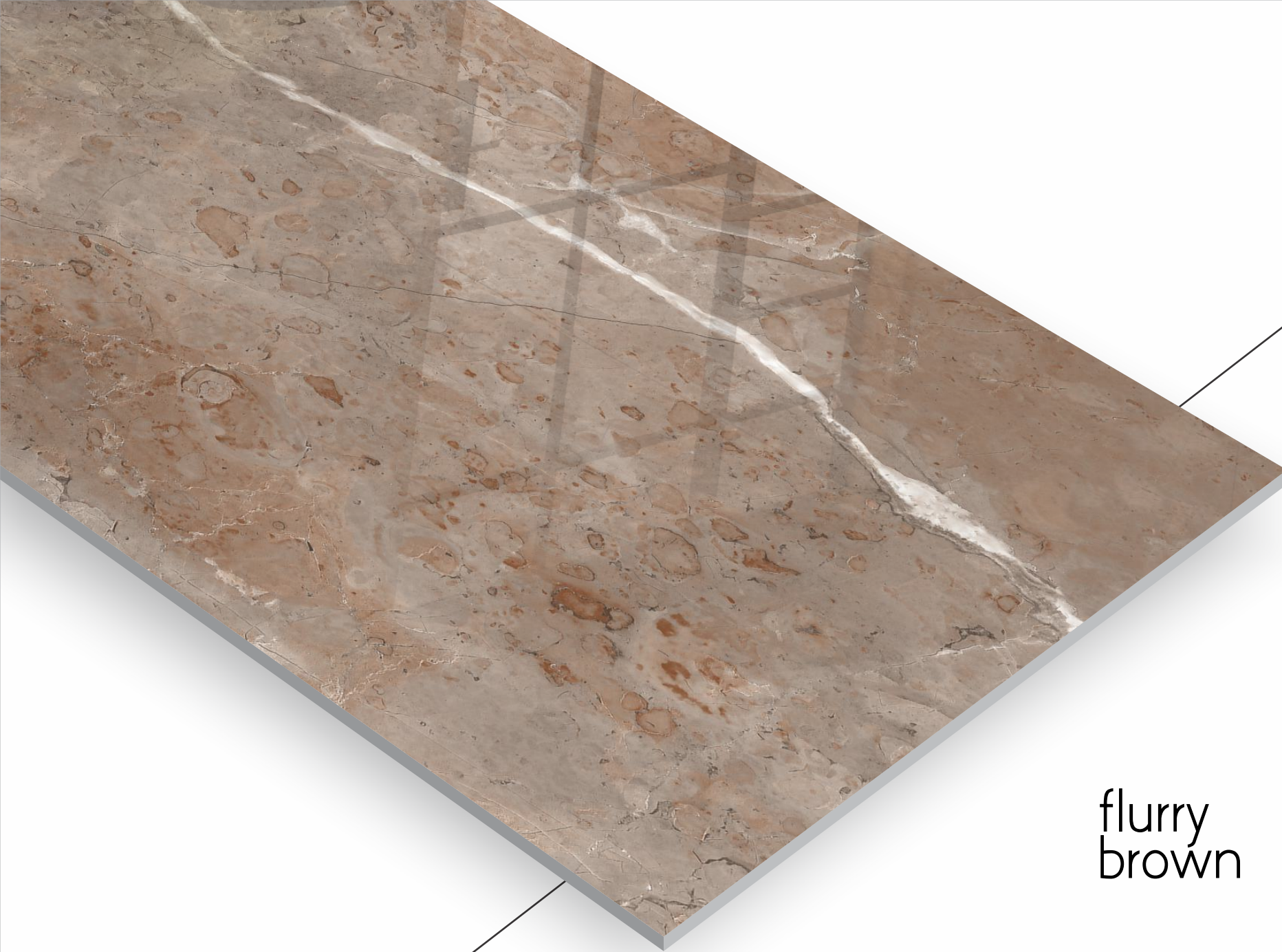
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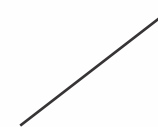
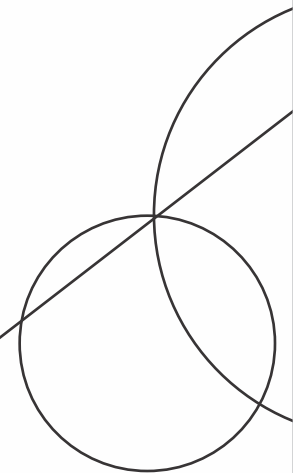
LOW MAINTENANCE



explosion
fusion



flurry
brown






flurry
brown

80x
160cm



≡ Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



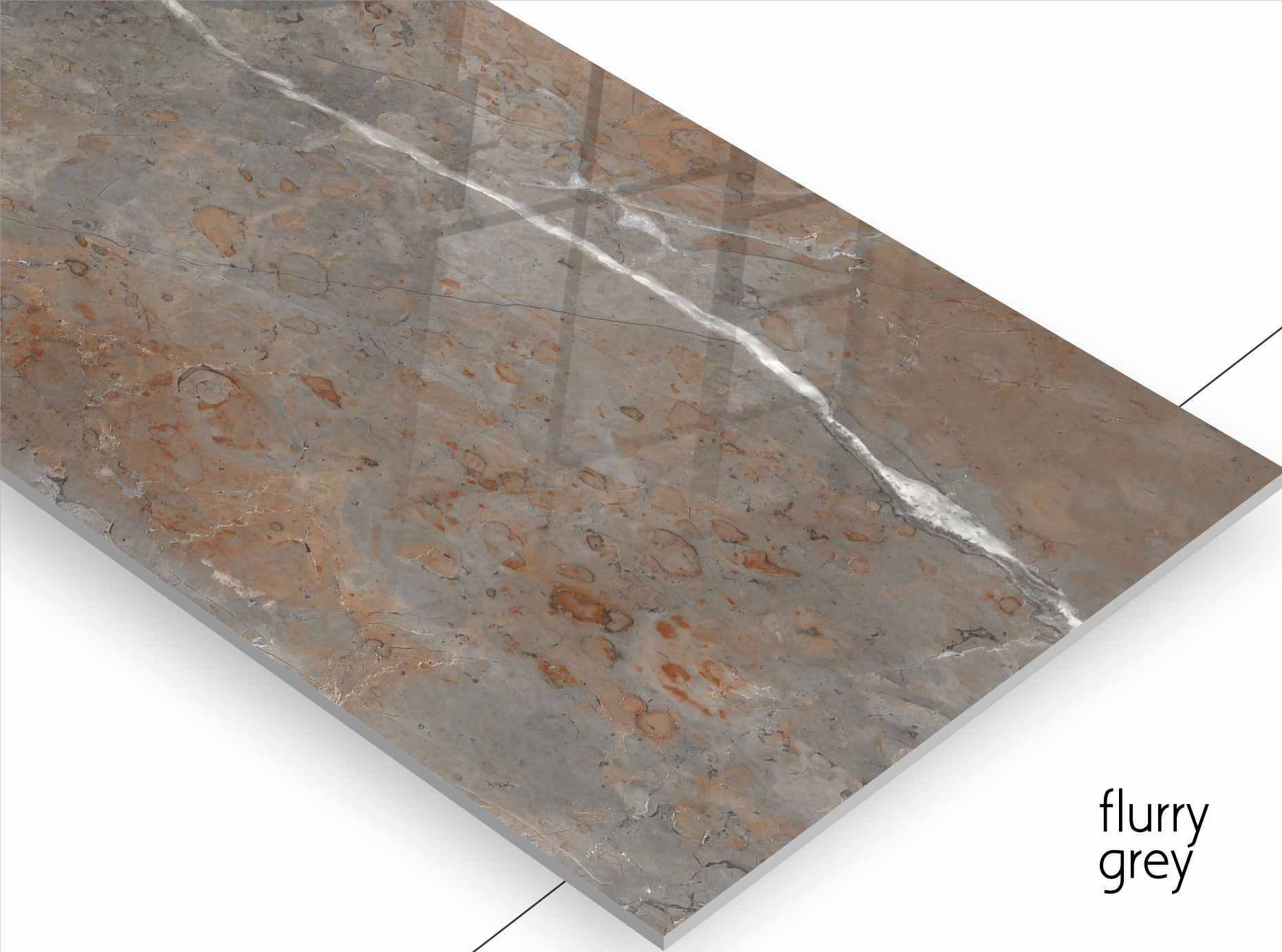
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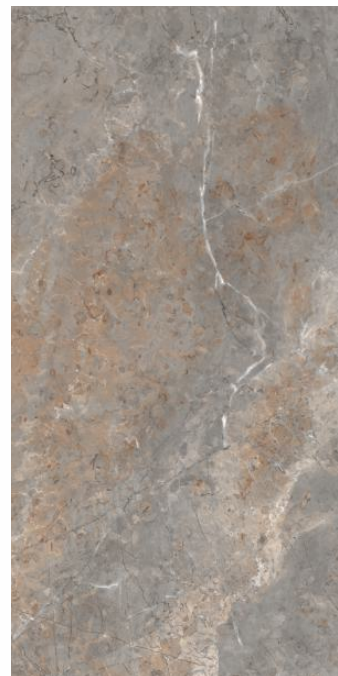
LOW MAINTENANCE



flurry
brown



flurry
grey




flurry
grey

80x
160cm



≡ Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



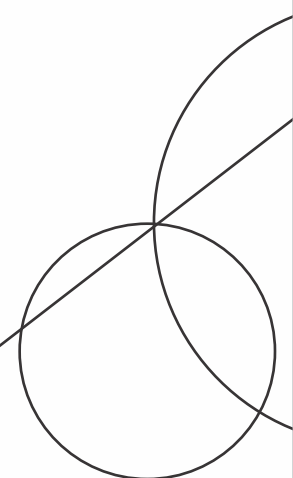
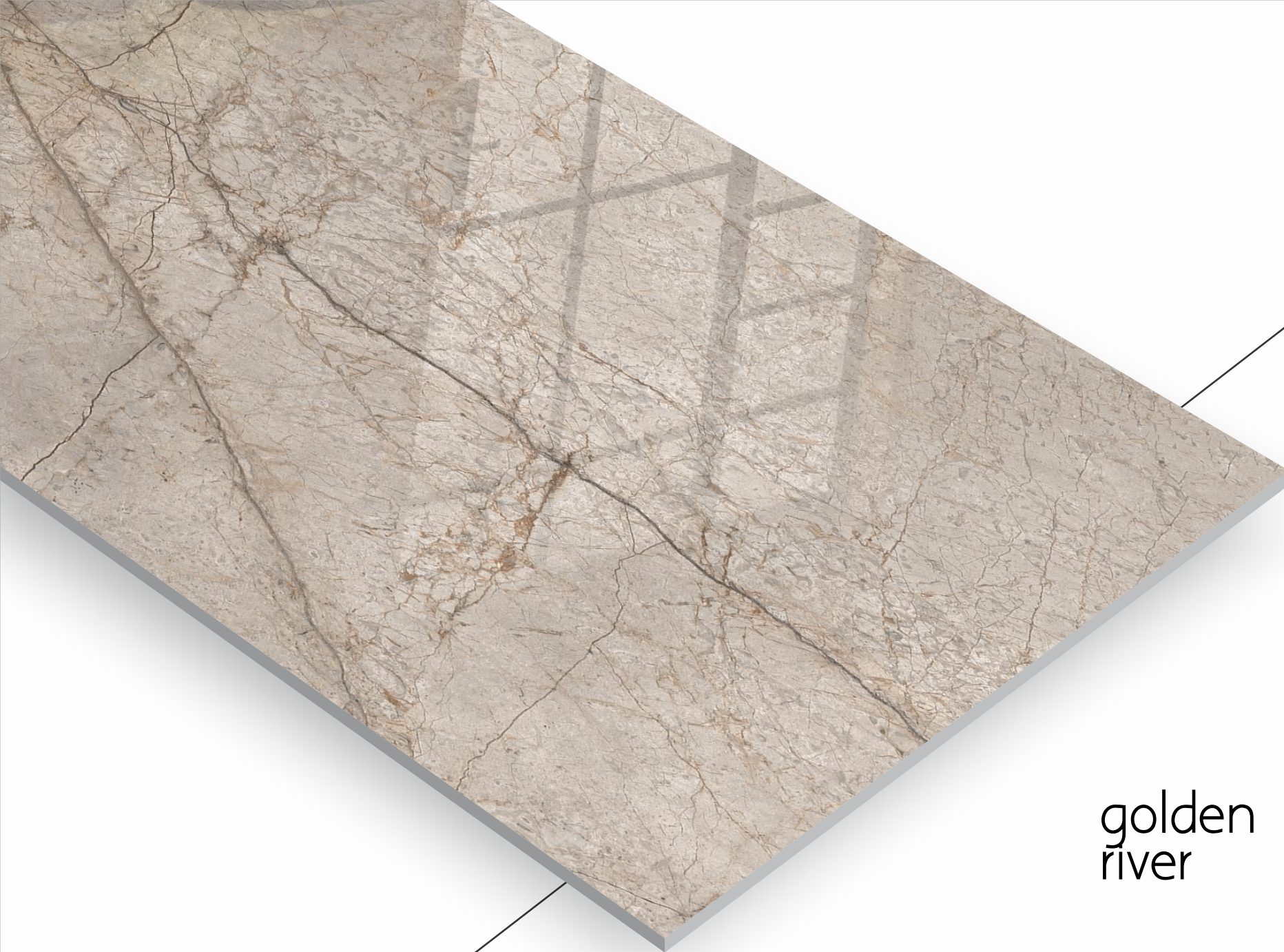
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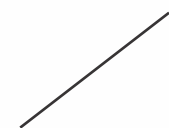
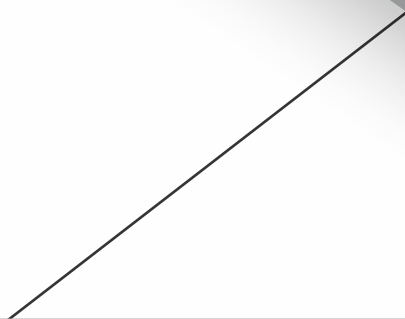
LOW MAINTENANCE



flurry
grey



golden
river






golden
river

80x
160cm



≡ Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



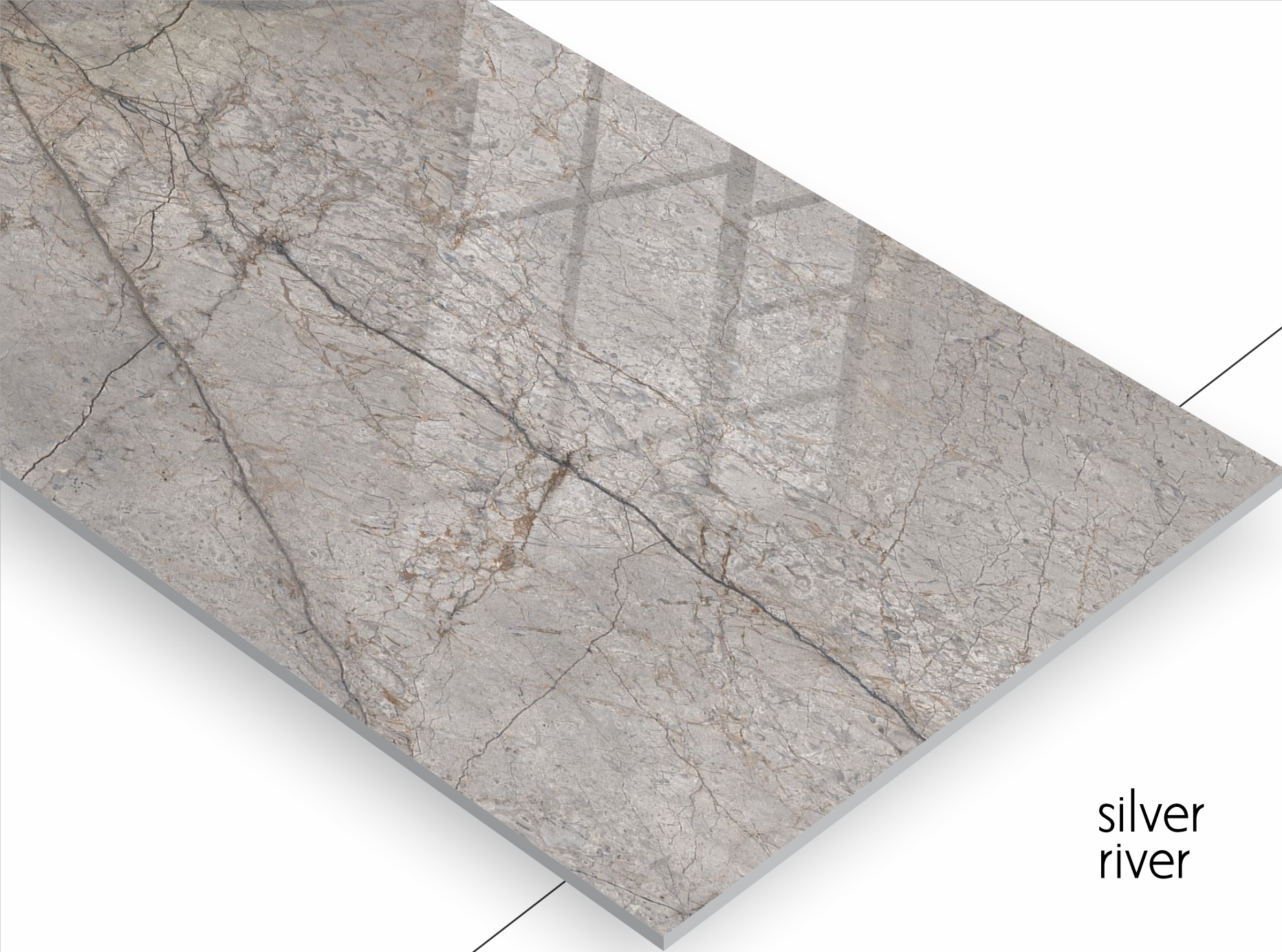
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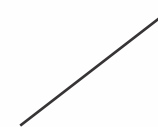
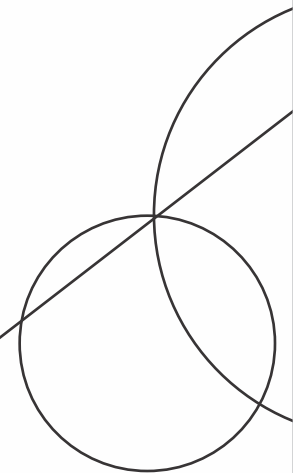
LOW MAINTENANCE



golden
river



silver
river






silver
river

80x
160cm



≡ Thickness : **0.9cm**

 Finish: **GLOSSY**

 HIGH STRENGTH

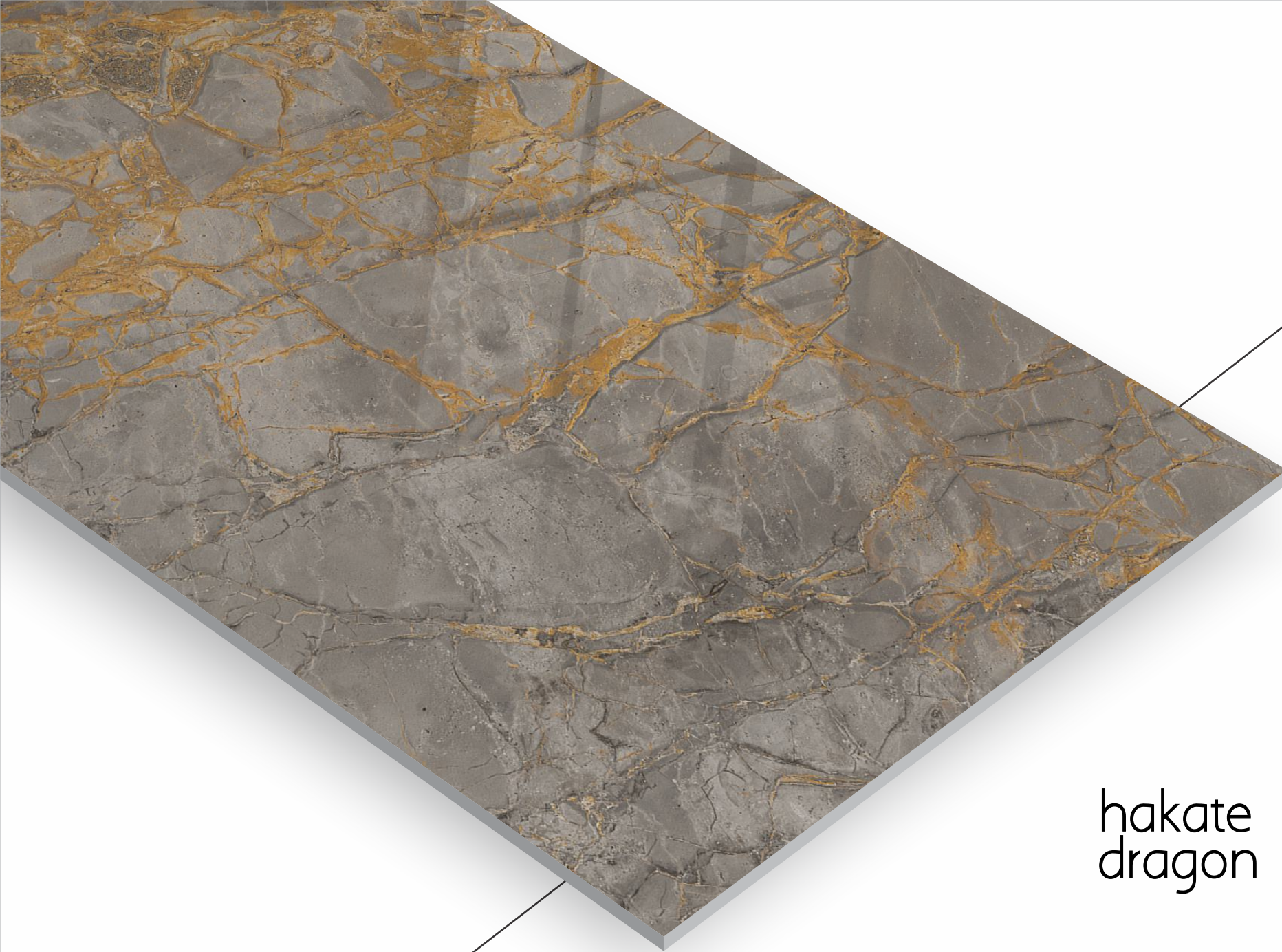
 ECO FRIENDLY

 RANDOM DESIGN

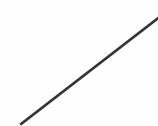
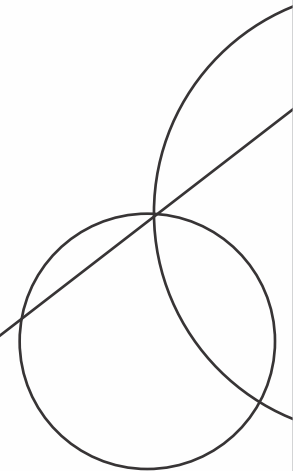
 LOW MAINTENANCE

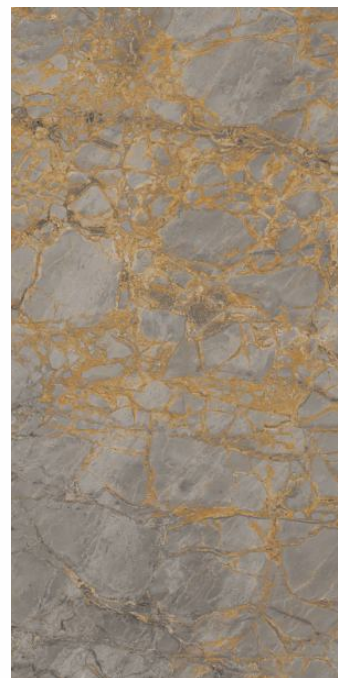
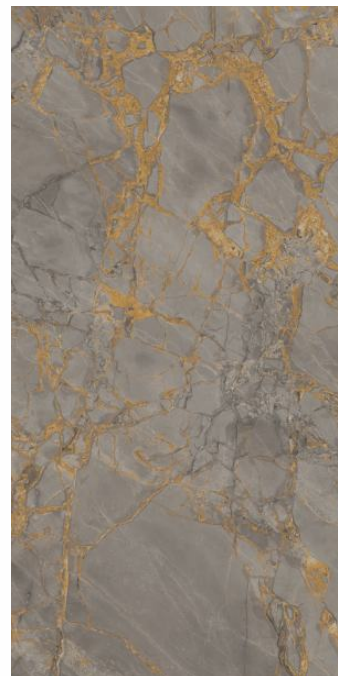
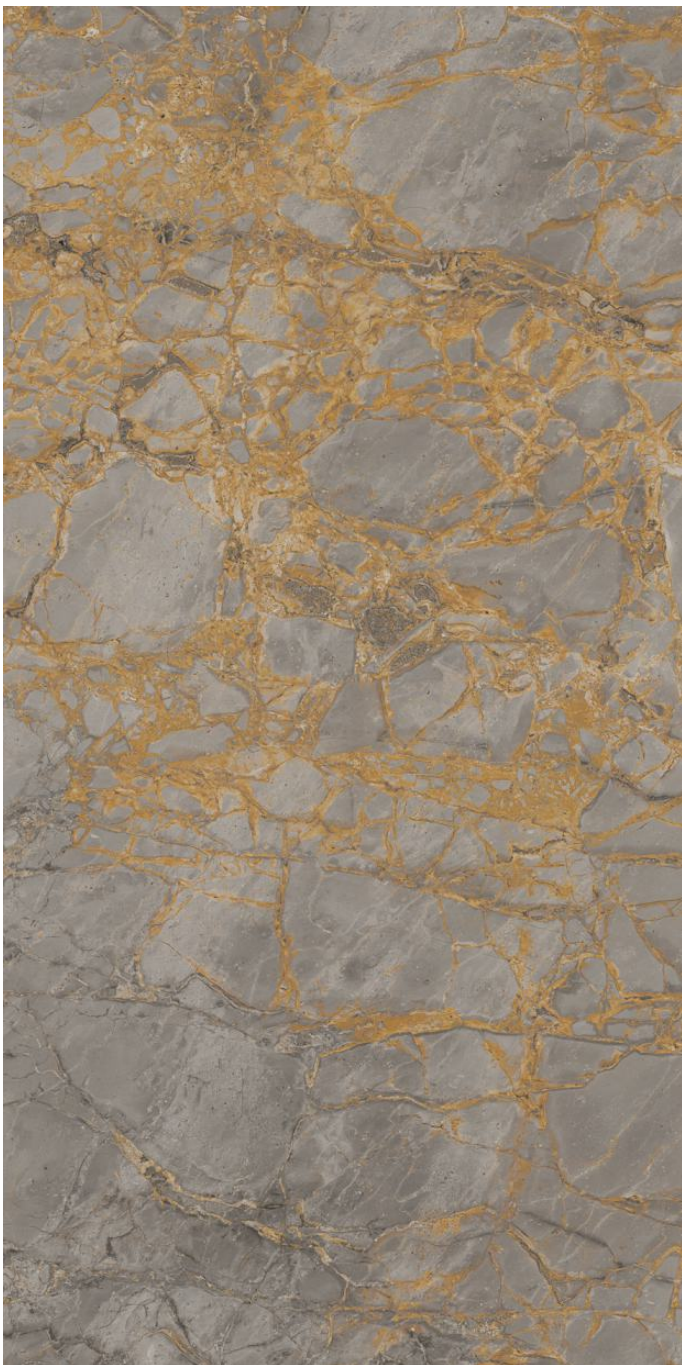


silver
river



hakate
dragon






hakate dragon

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



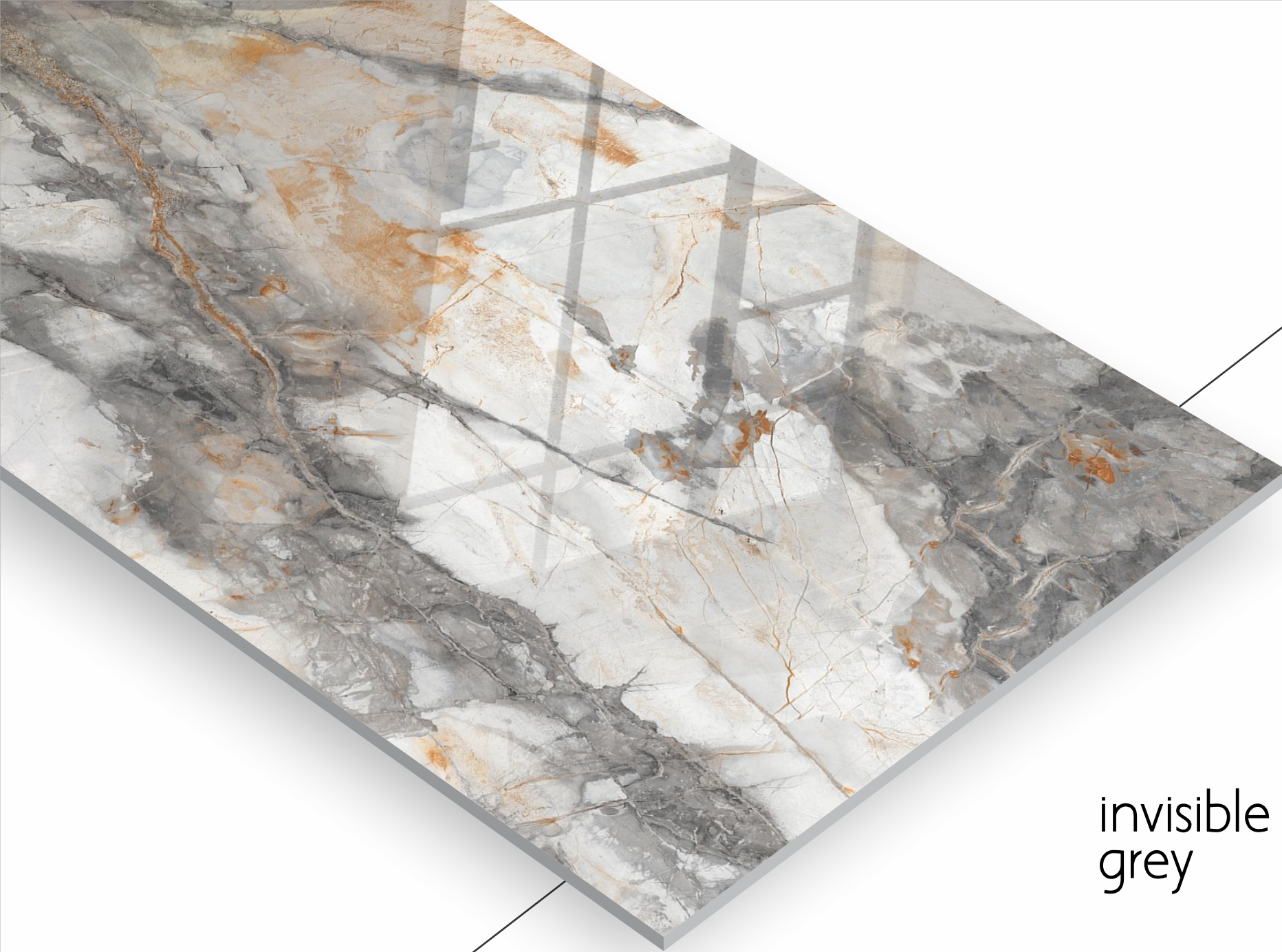
RANDOM DESIGN



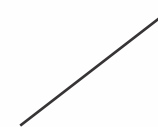
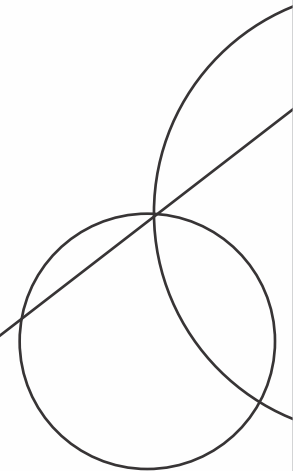
LOW MAINTENANCE

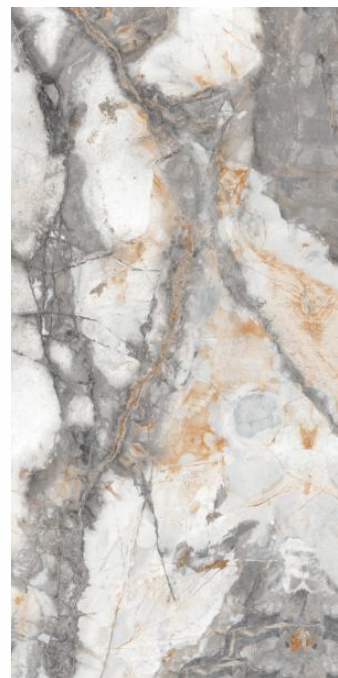
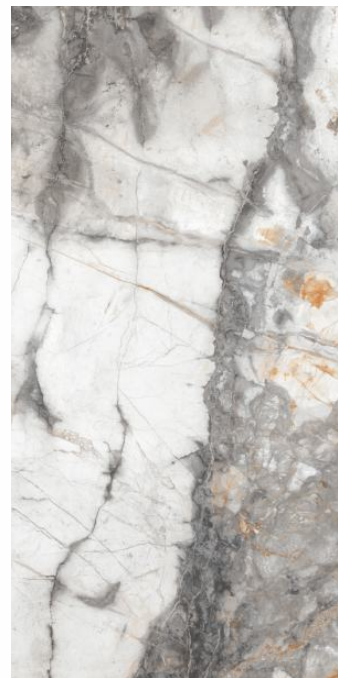
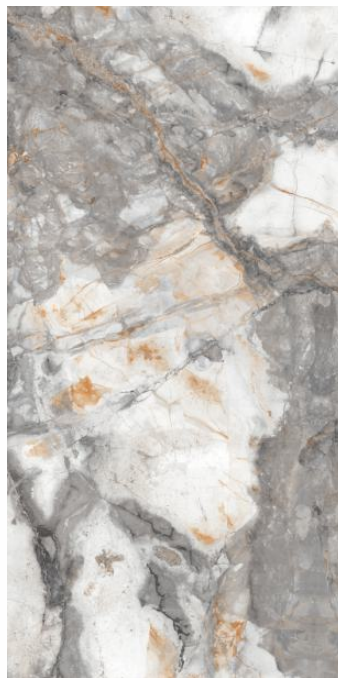
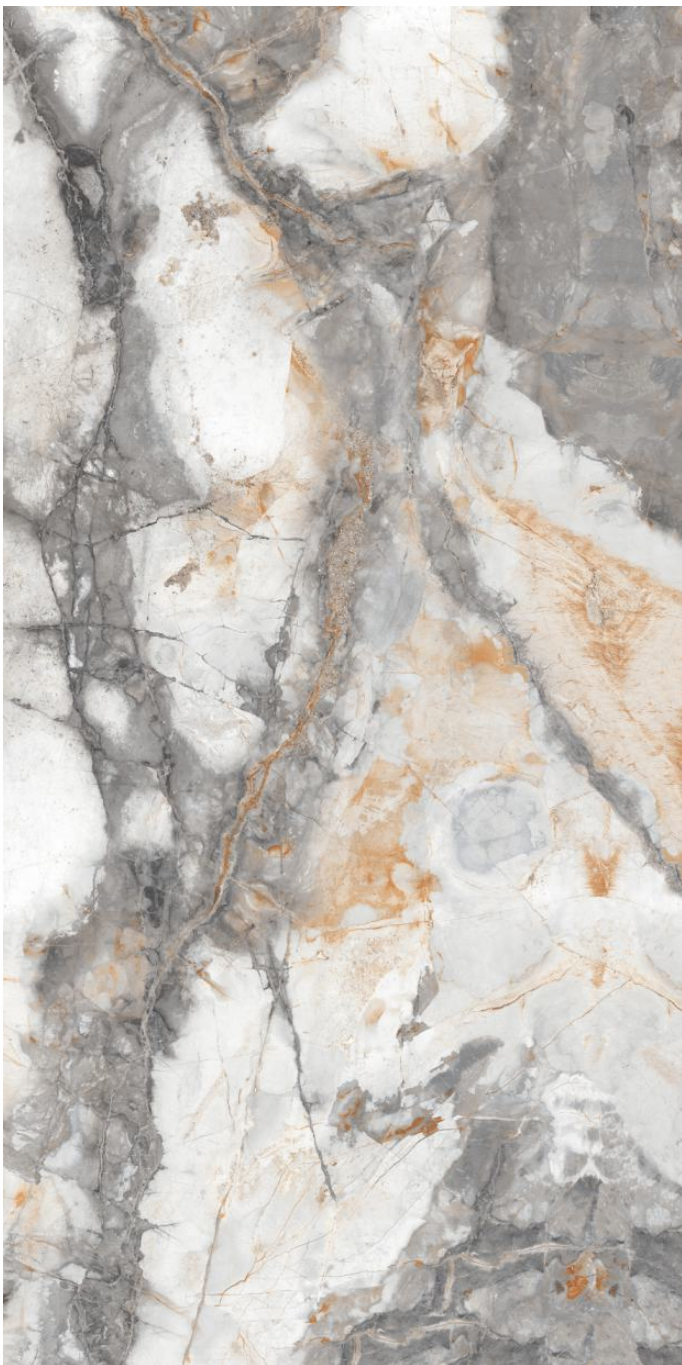


hakate
dragon



invisible
grey





invisible
grey

80x
160cm



≡ Thickness : **0.9cm**

☀️ Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



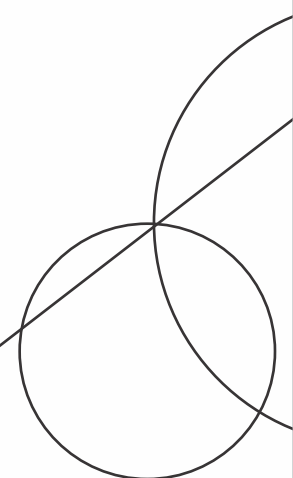
RANDOM DESIGN



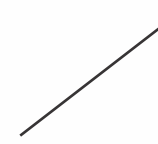
LOW MAINTENANCE



invisible
grey



noche
travertine real






noche travertine real

80x
160cm



≡ Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



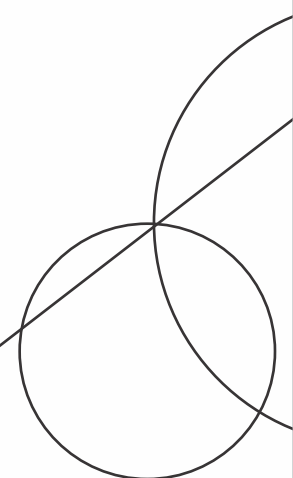
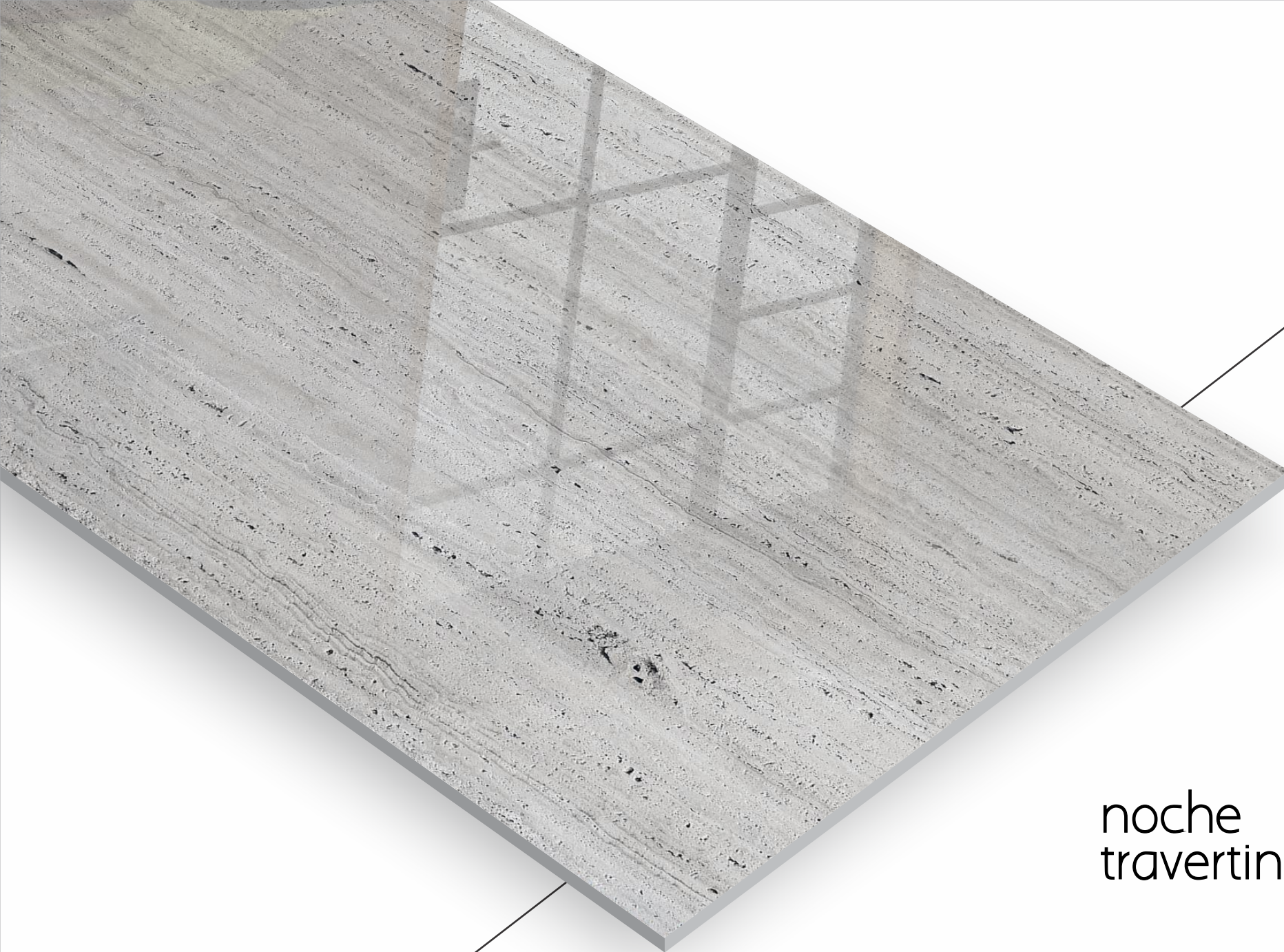
RANDOM DESIGN



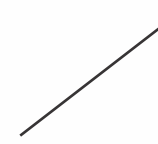
LOW MAINTENANCE



noche
travertine
real



noche
travertine silver






noche travertine silver

80x
160cm



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



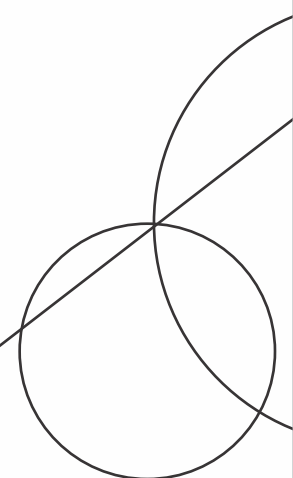
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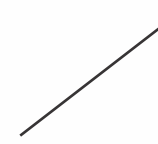
LOW MAINTENANCE



noche
travertine
silver



noche
travertine brown






noche travertine brown

80x
160cm



≡ Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



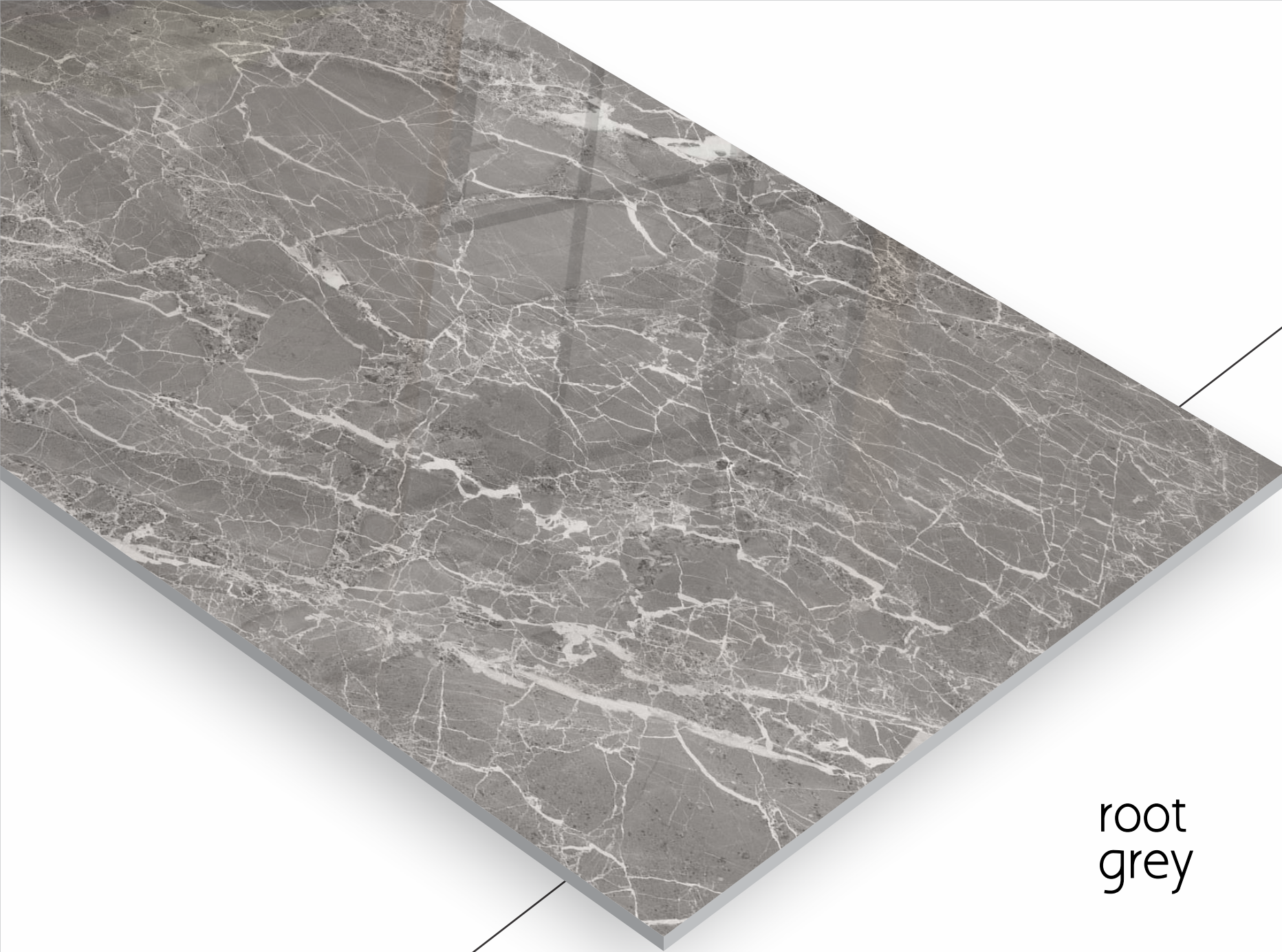
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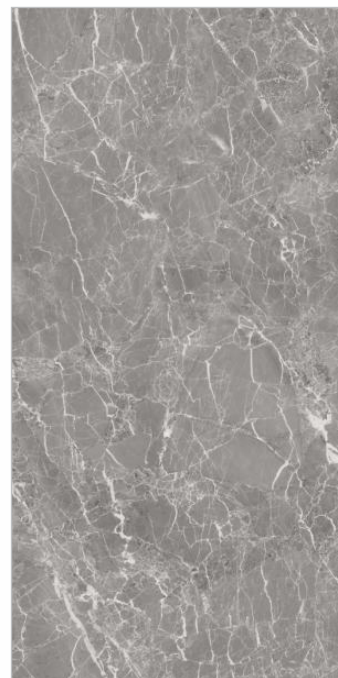
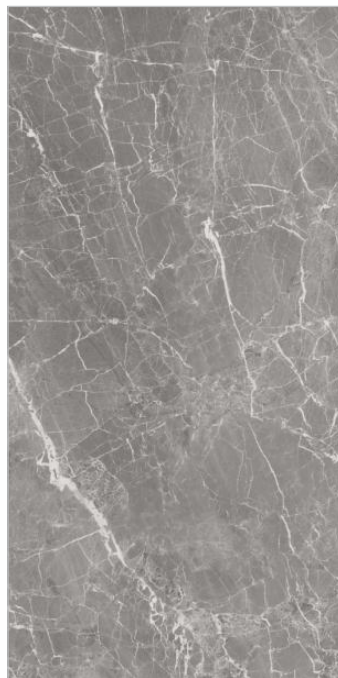
LOW MAINTENANCE



noche
travertine
brown



root
grey




root
grey

80x
160cm



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



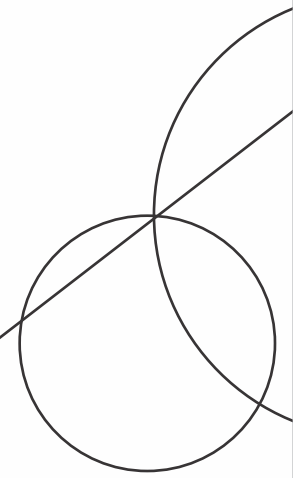
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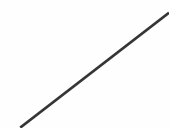
LOW MAINTENANCE



root
grey



root
bianco






root
bianco

80x
160cm



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY

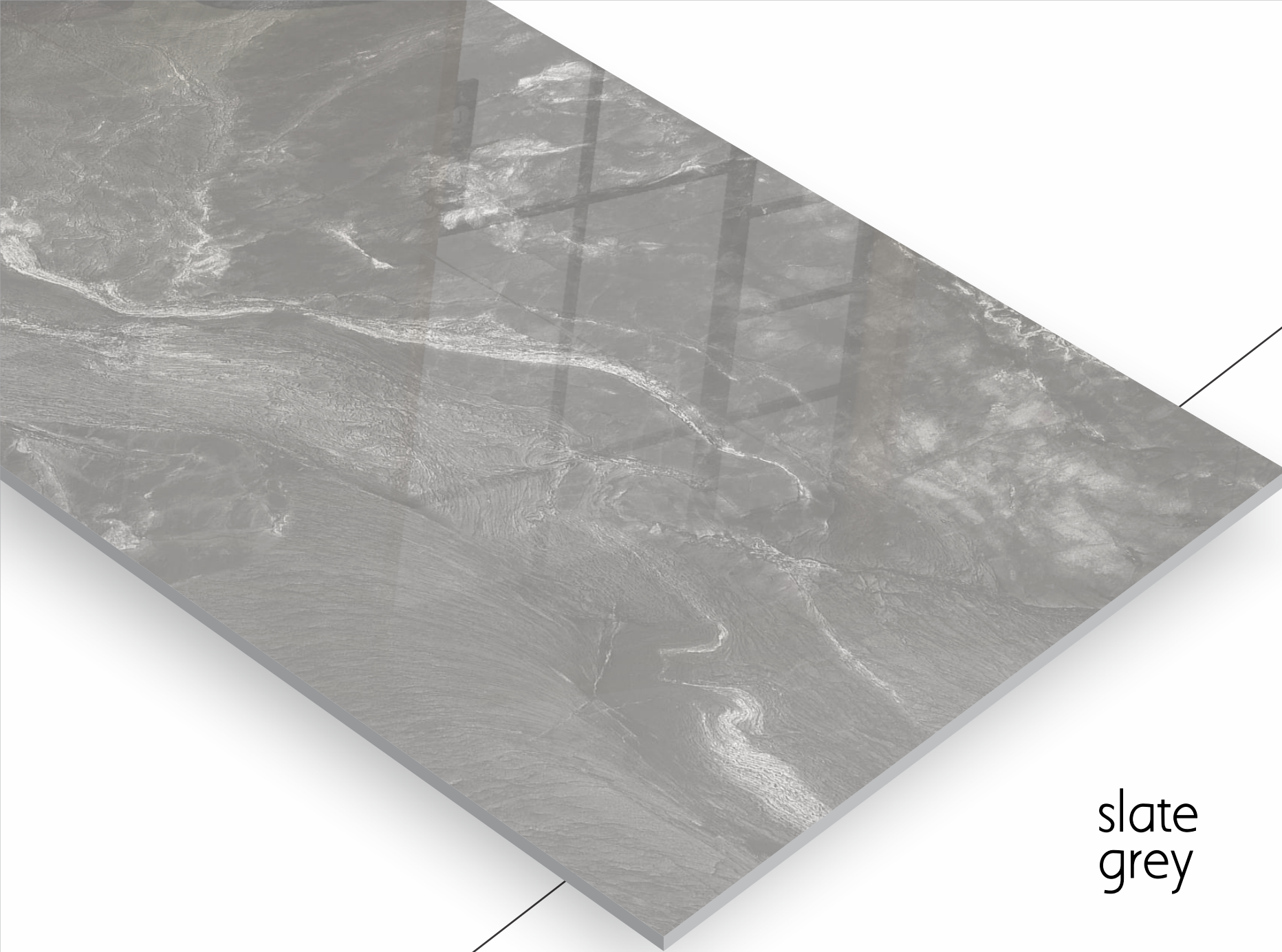


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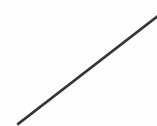


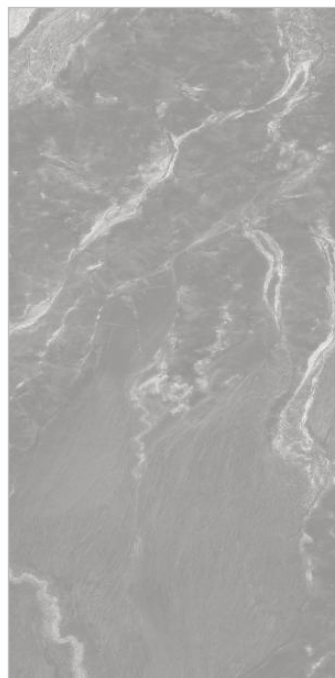
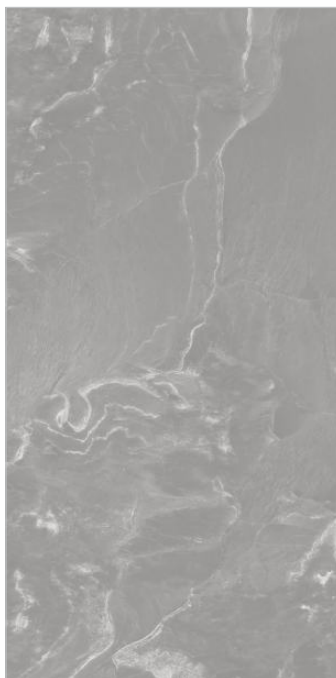
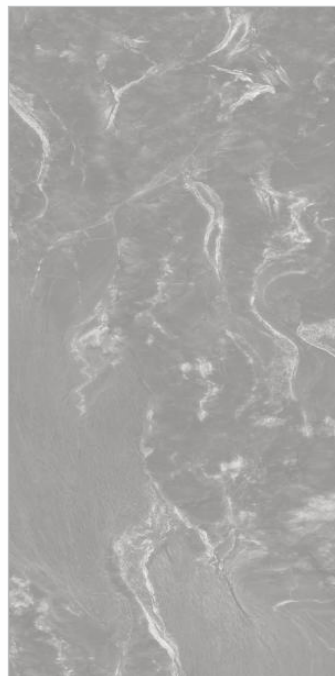
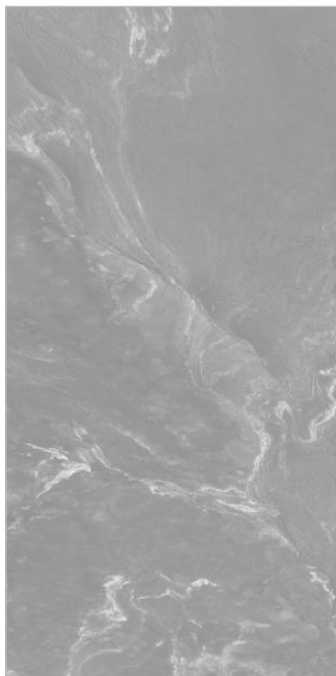
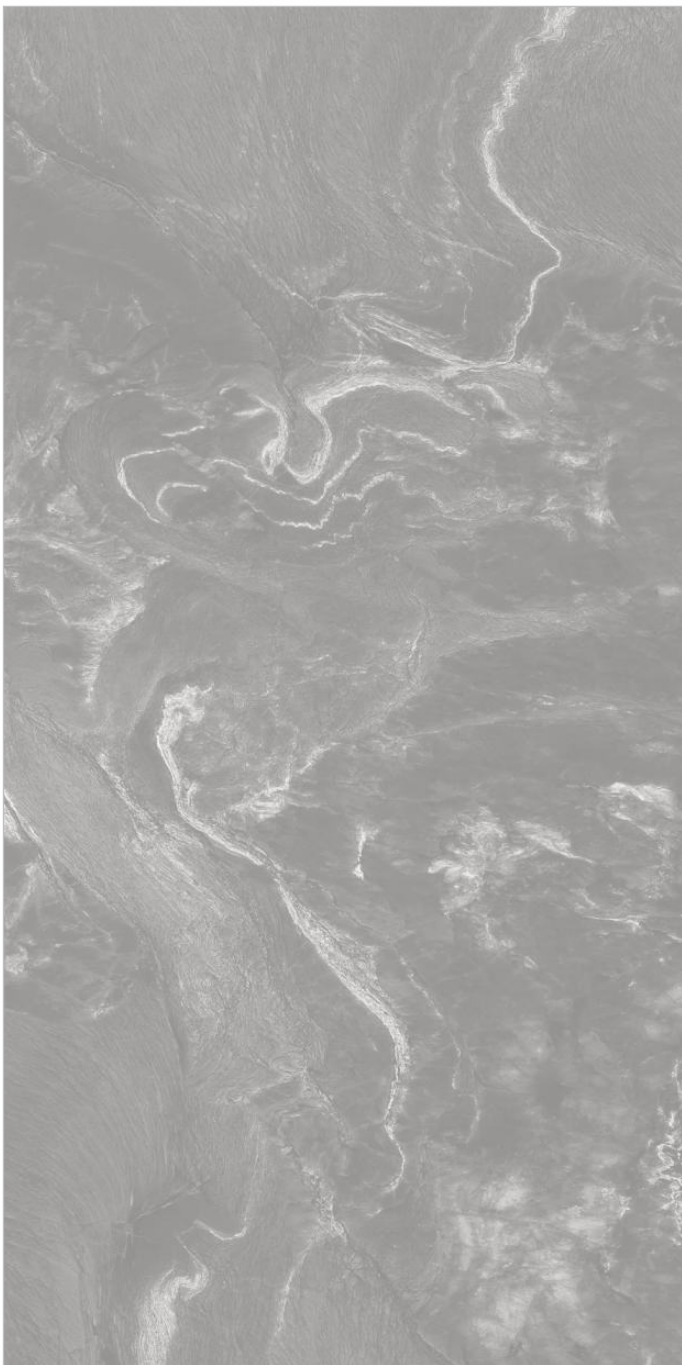
LOW MAINTENANCE





slate
grey






slate
grey

80x
160cm



≡ Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



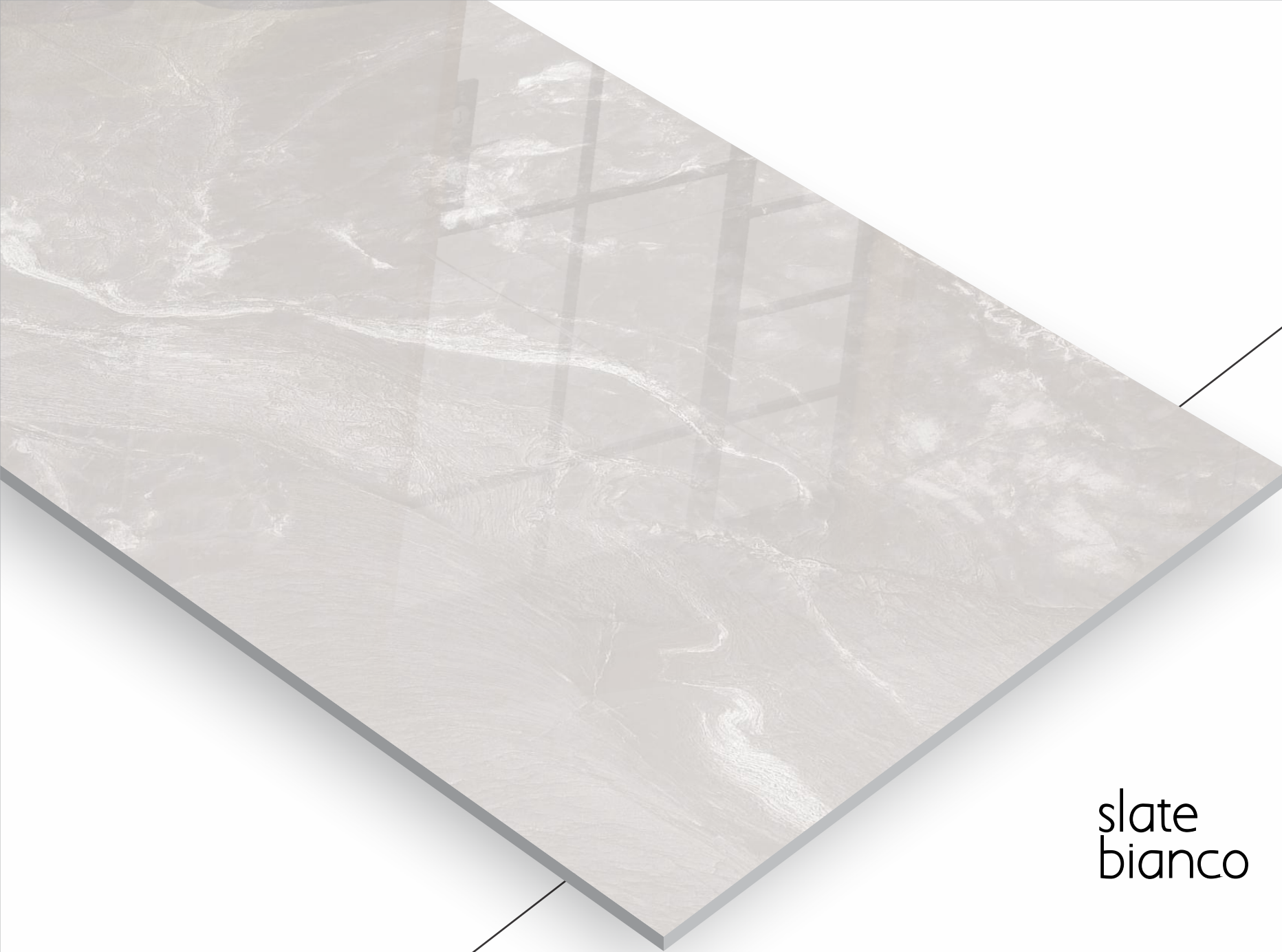
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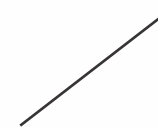
LOW MAINTENANCE

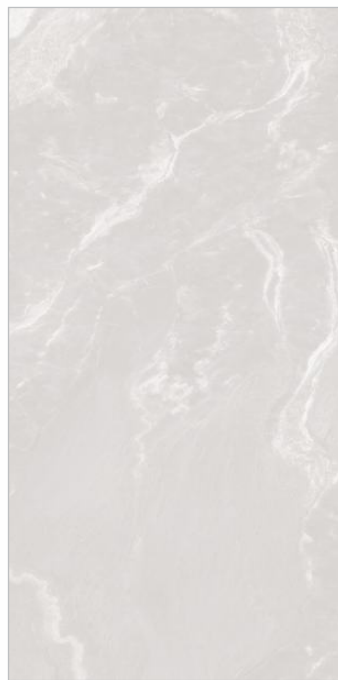
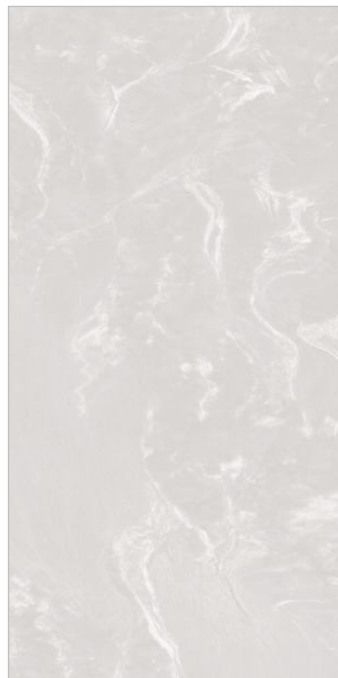


slate
grey



slate
bianco






slate
bianco

80x
160cm



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



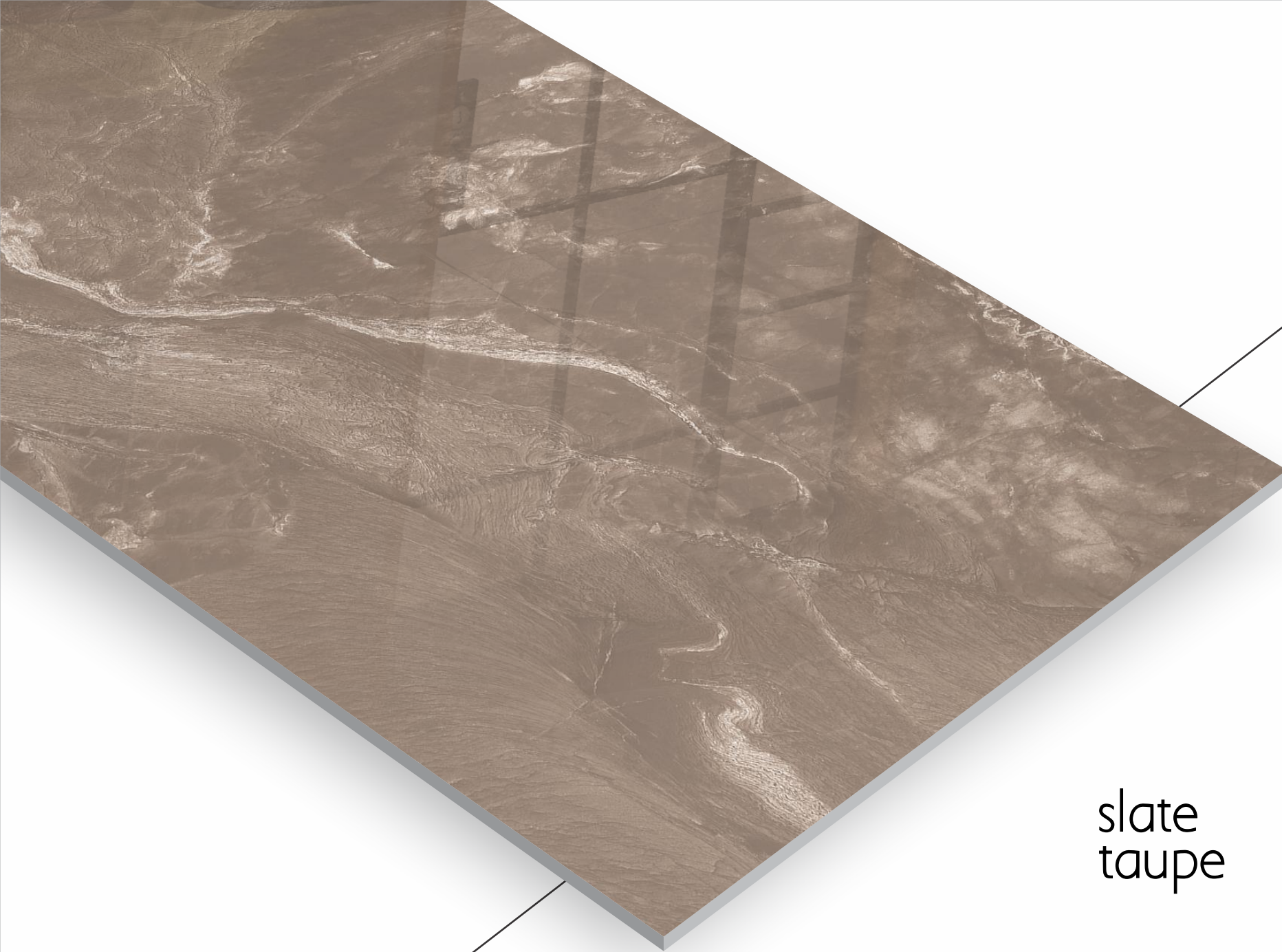
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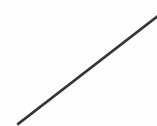
LOW MAINTENANCE

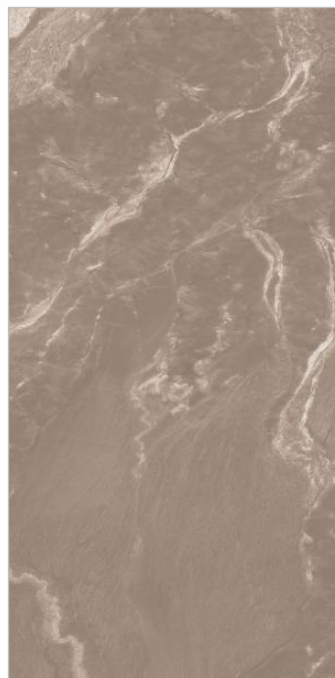
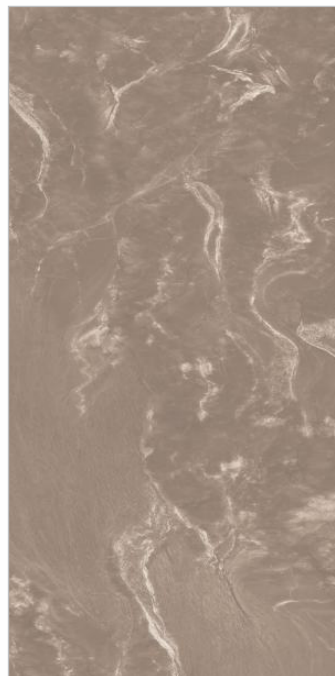
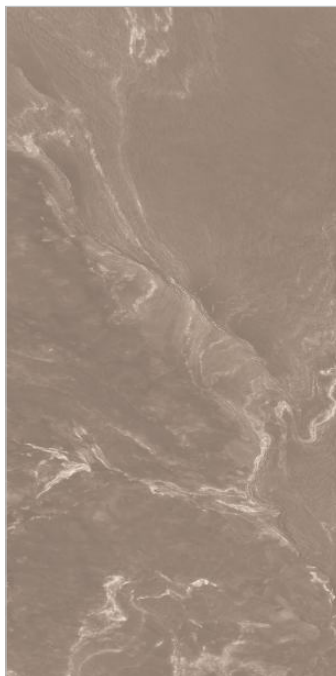
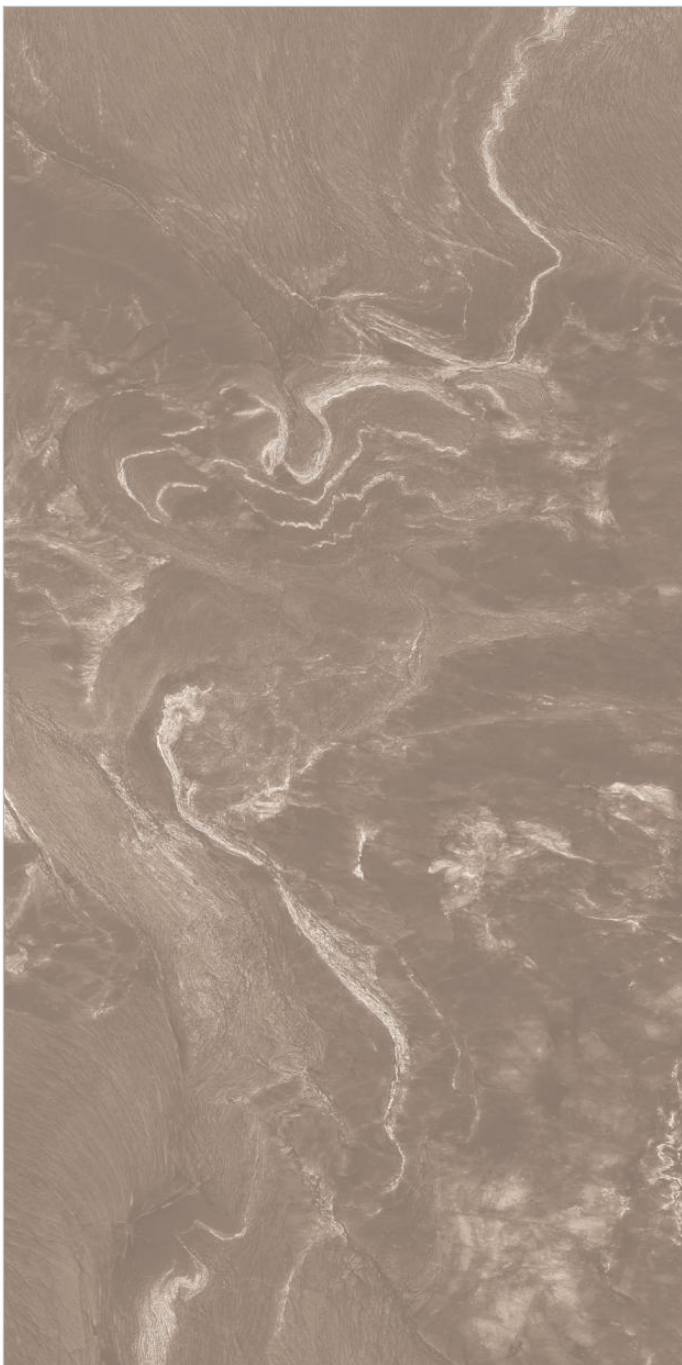


slate
bianco



slate
taupe






slate
taupe

80x
160cm



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



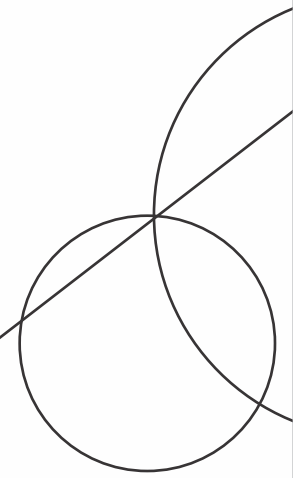
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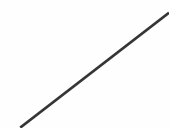
LOW MAINTENANCE



slate
taupe



superceppo
tan






superceppo tan

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



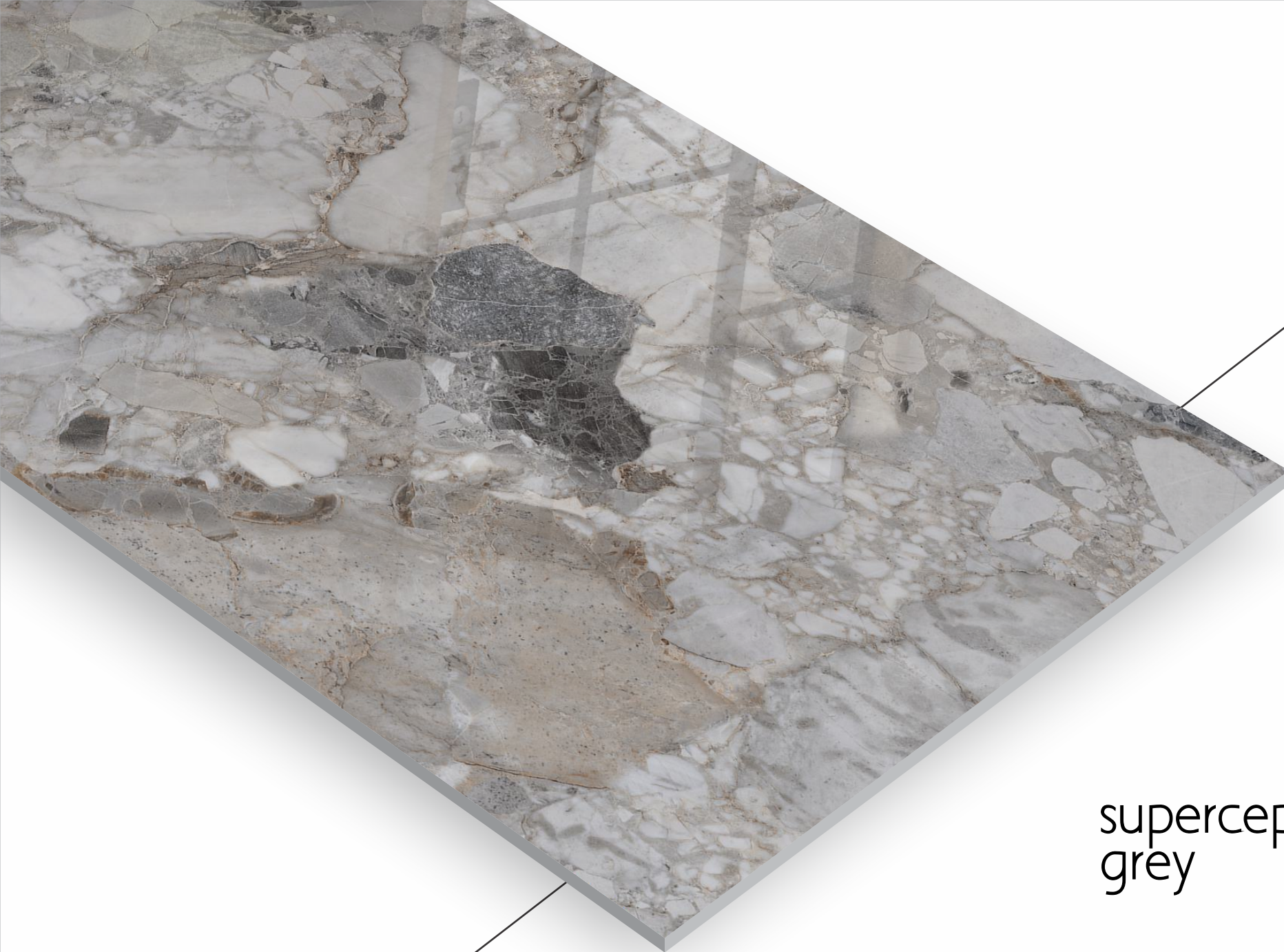
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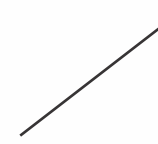
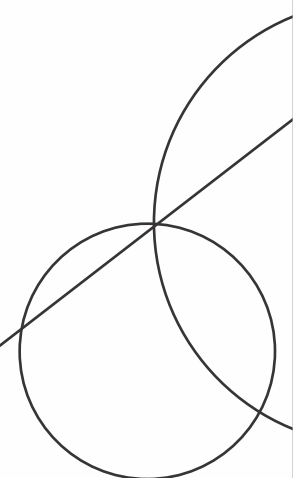
LOW MAINTENANCE



superceppo
tan



superceppo
grey






superceppo grey

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



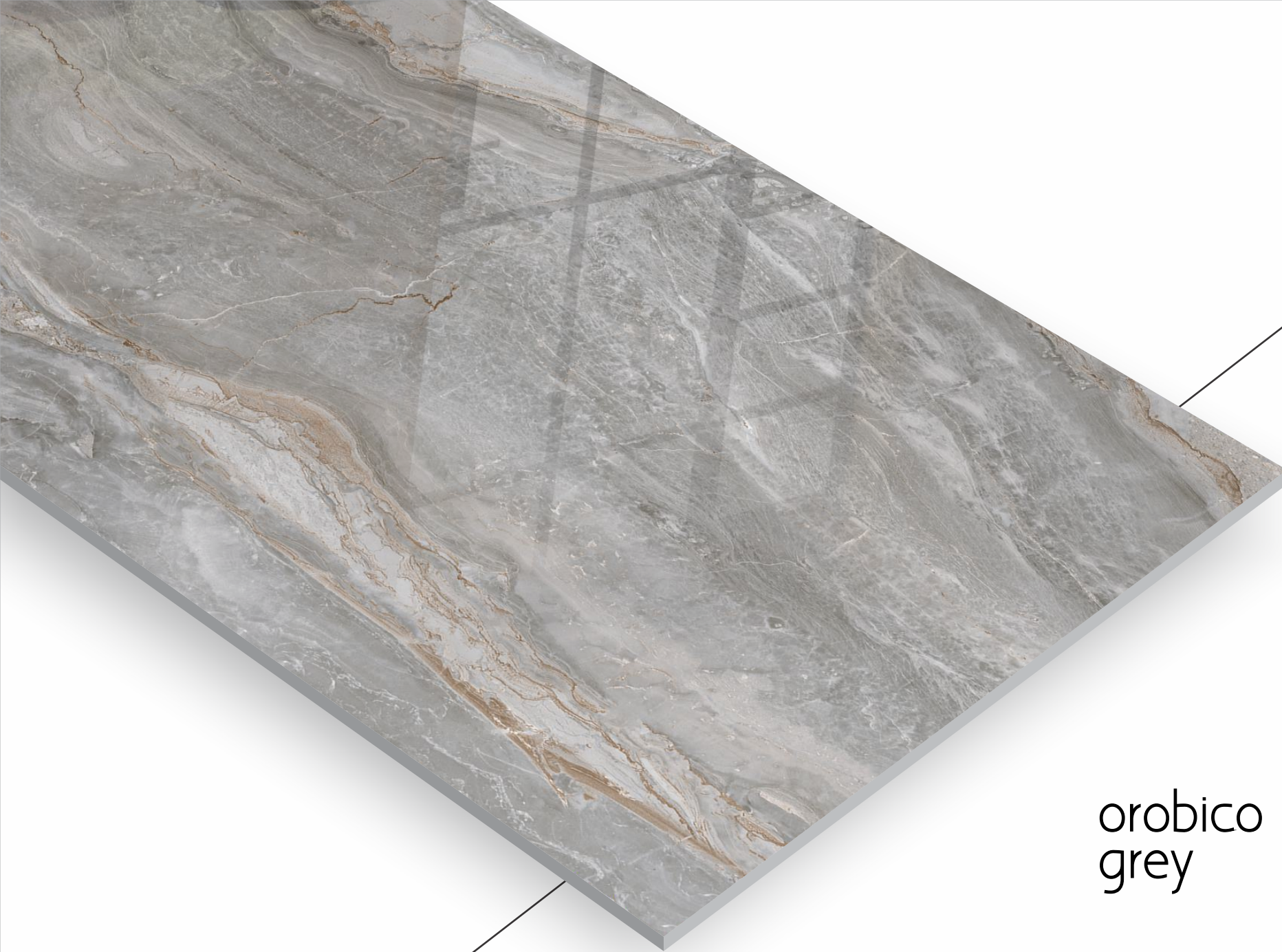
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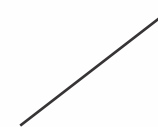
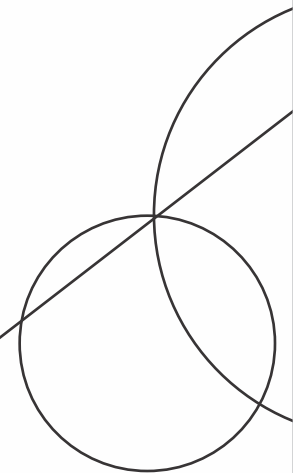
LOW MAINTENANCE



superceppo
grey



orobico
grey






orobico
grey

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



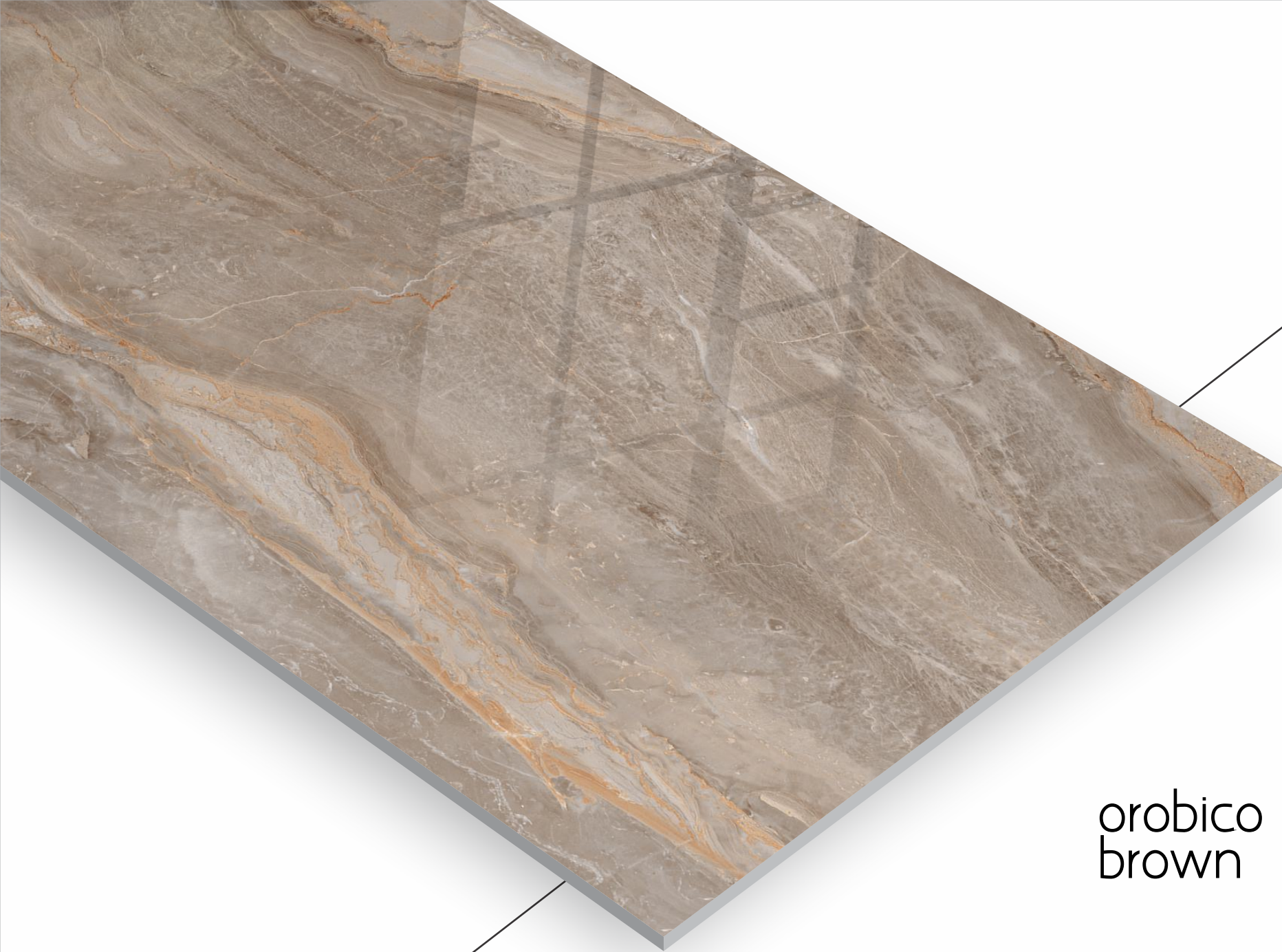
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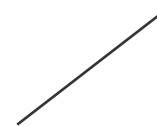
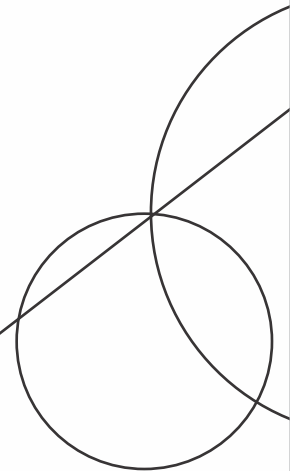
LOW MAINTENANCE



orobico
grey



orobico
brown






orobico brown

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



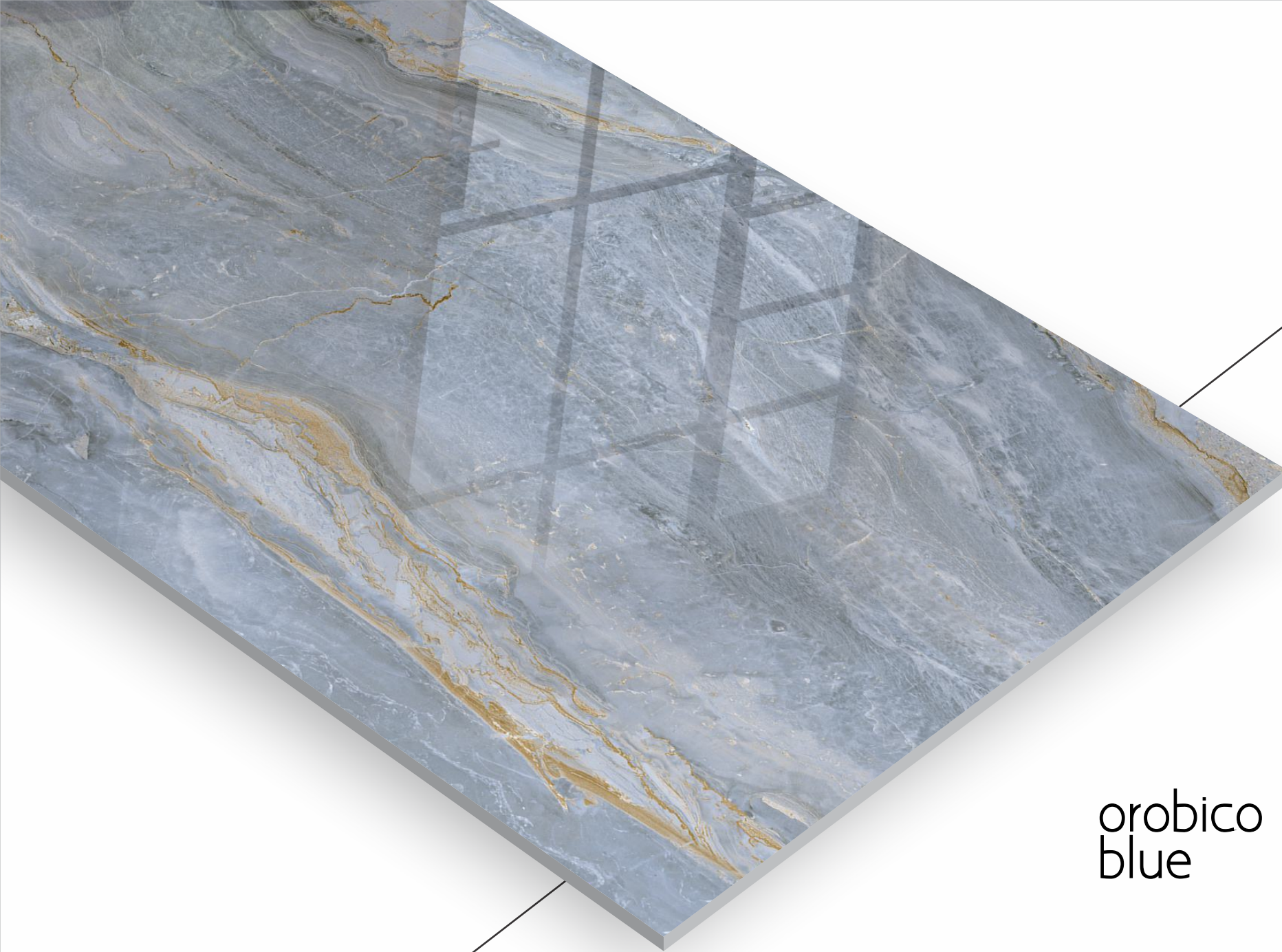
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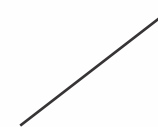
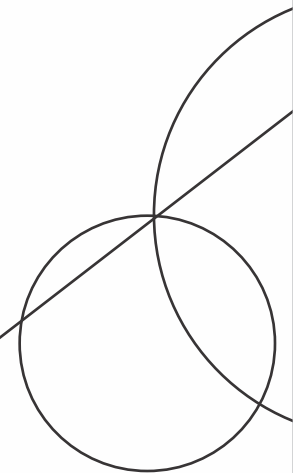
LOW MAINTENANCE



orobico
brown



orobico
blue






orobico
blue

80x
160cm



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY

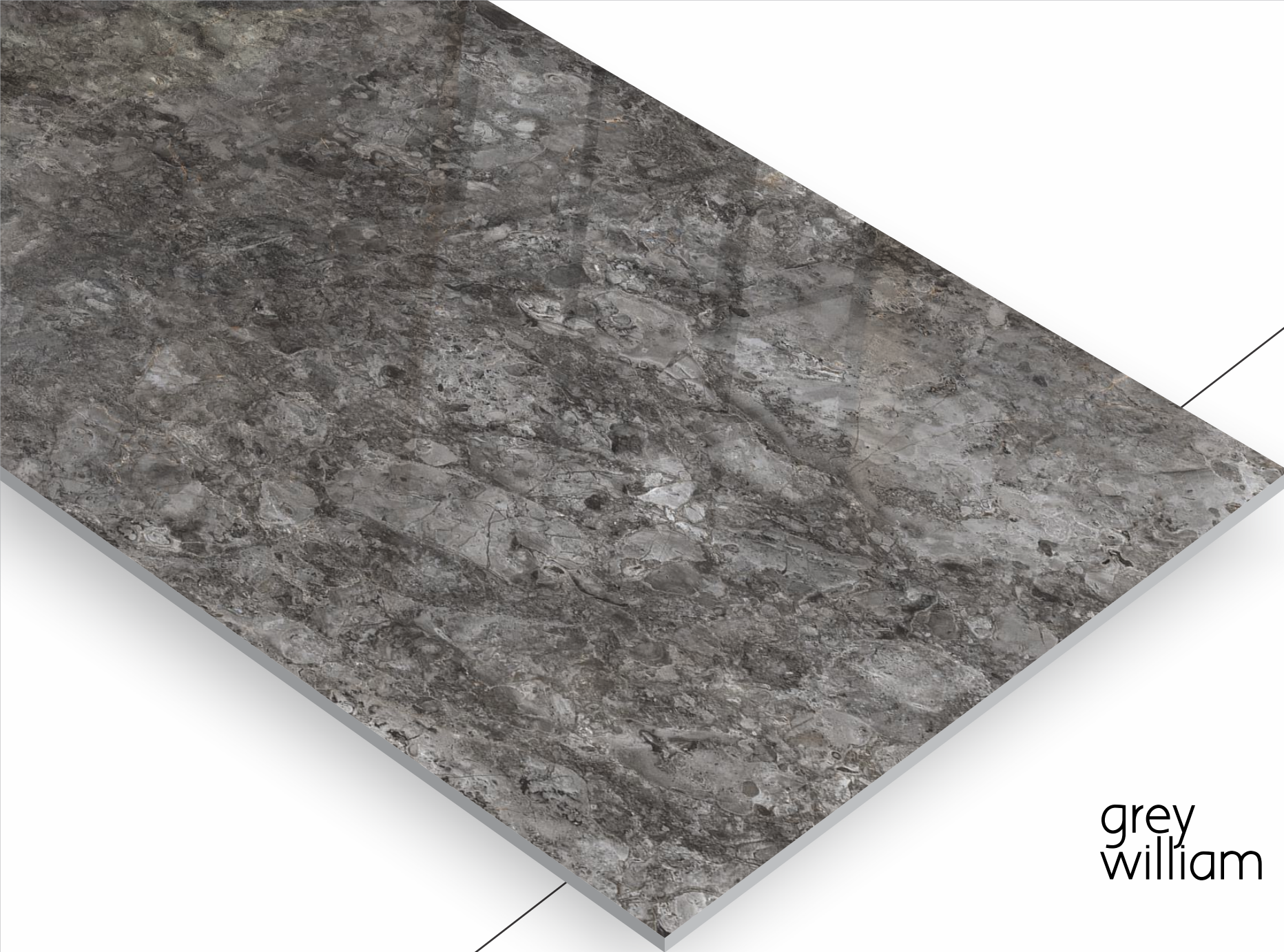


RANDOM DESIGN



LOW MAINTENANCE





grey
william




grey
william

80x
160cm



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



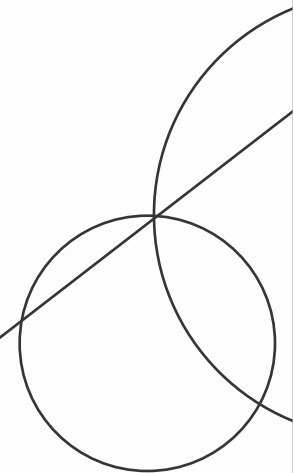
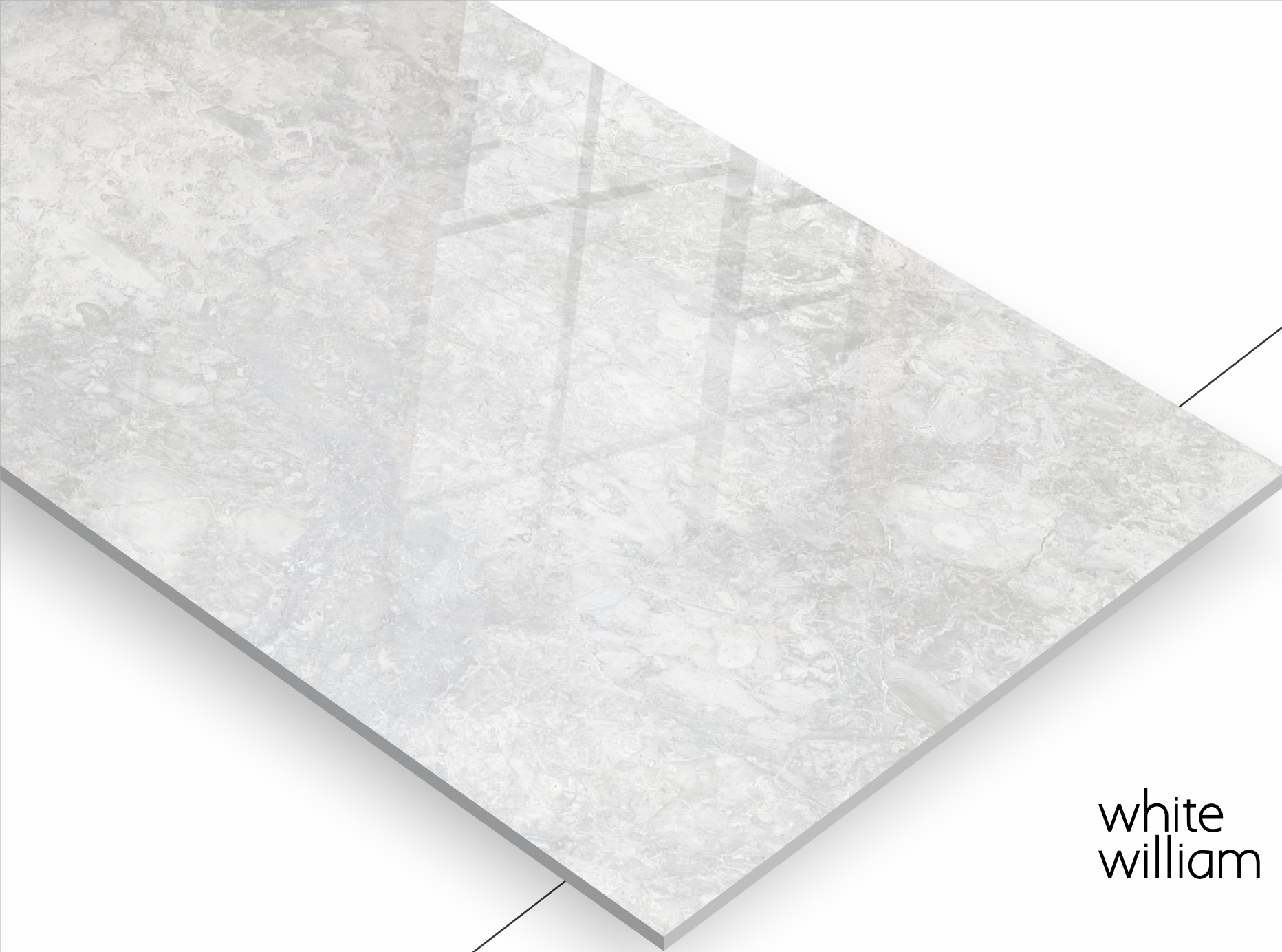
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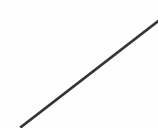
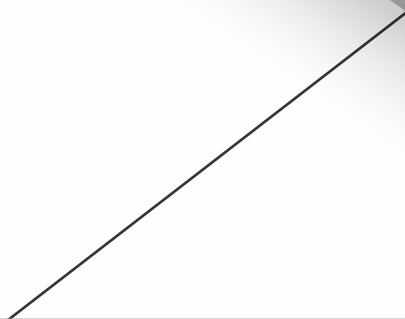
LOW MAINTENANCE

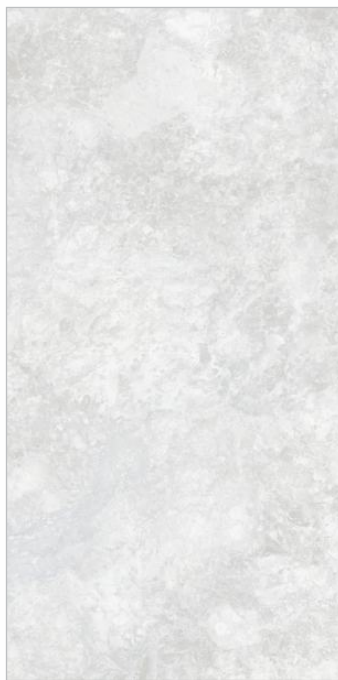
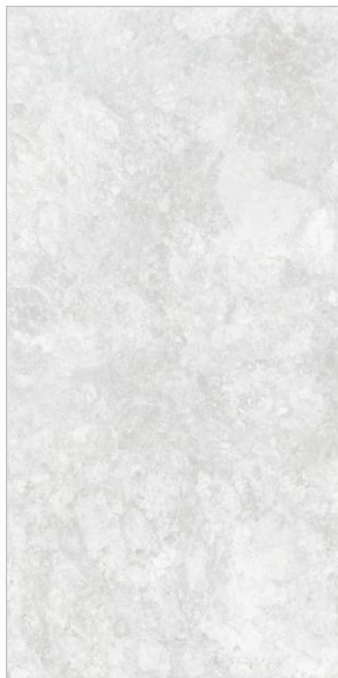


grey
william



white
william






white
william

80x
160cm



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



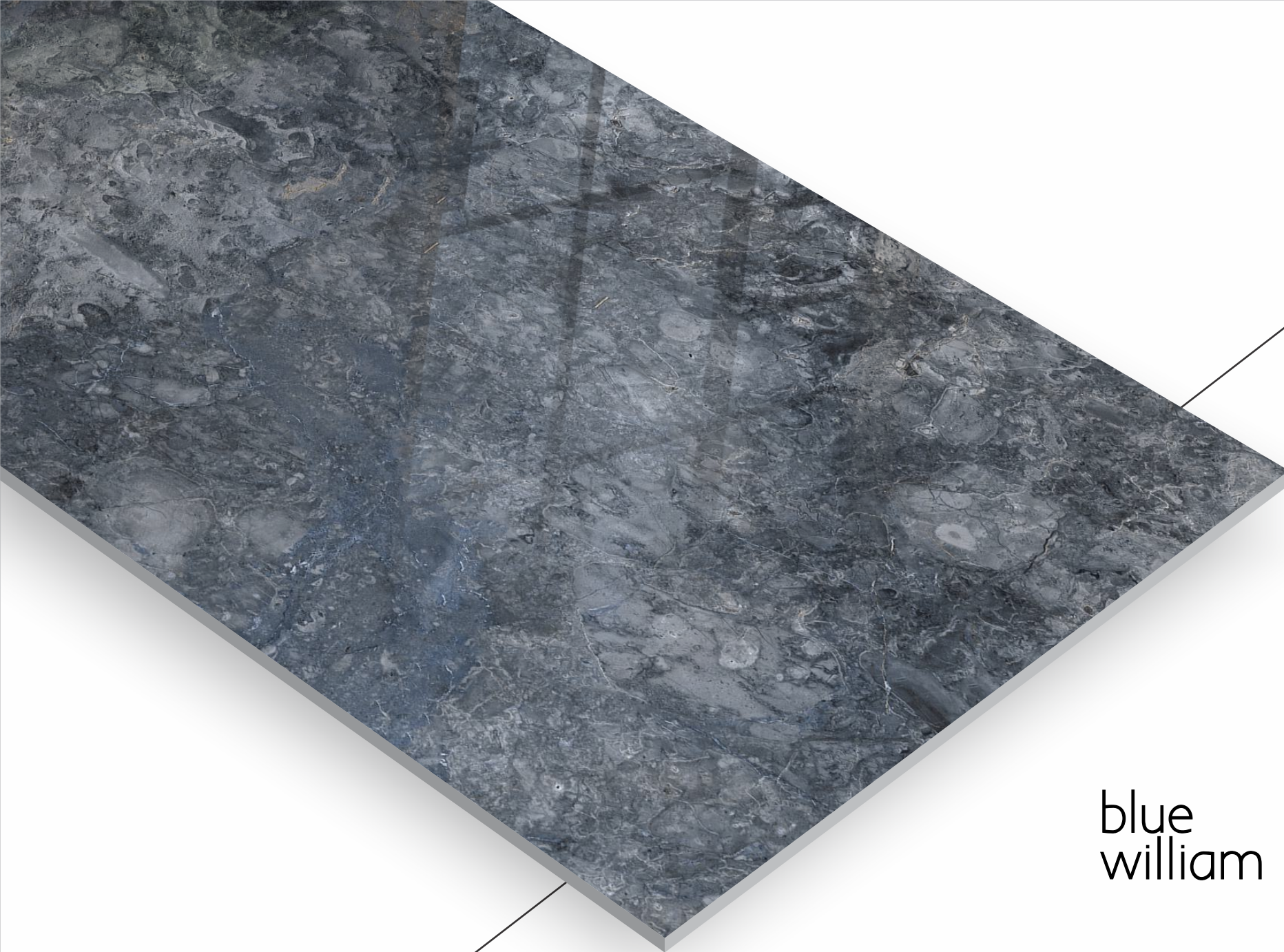
RANDOM DESIGN



LOW MAINTENANCE



white
william



blue
william




blue
william

80x
160cm



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY

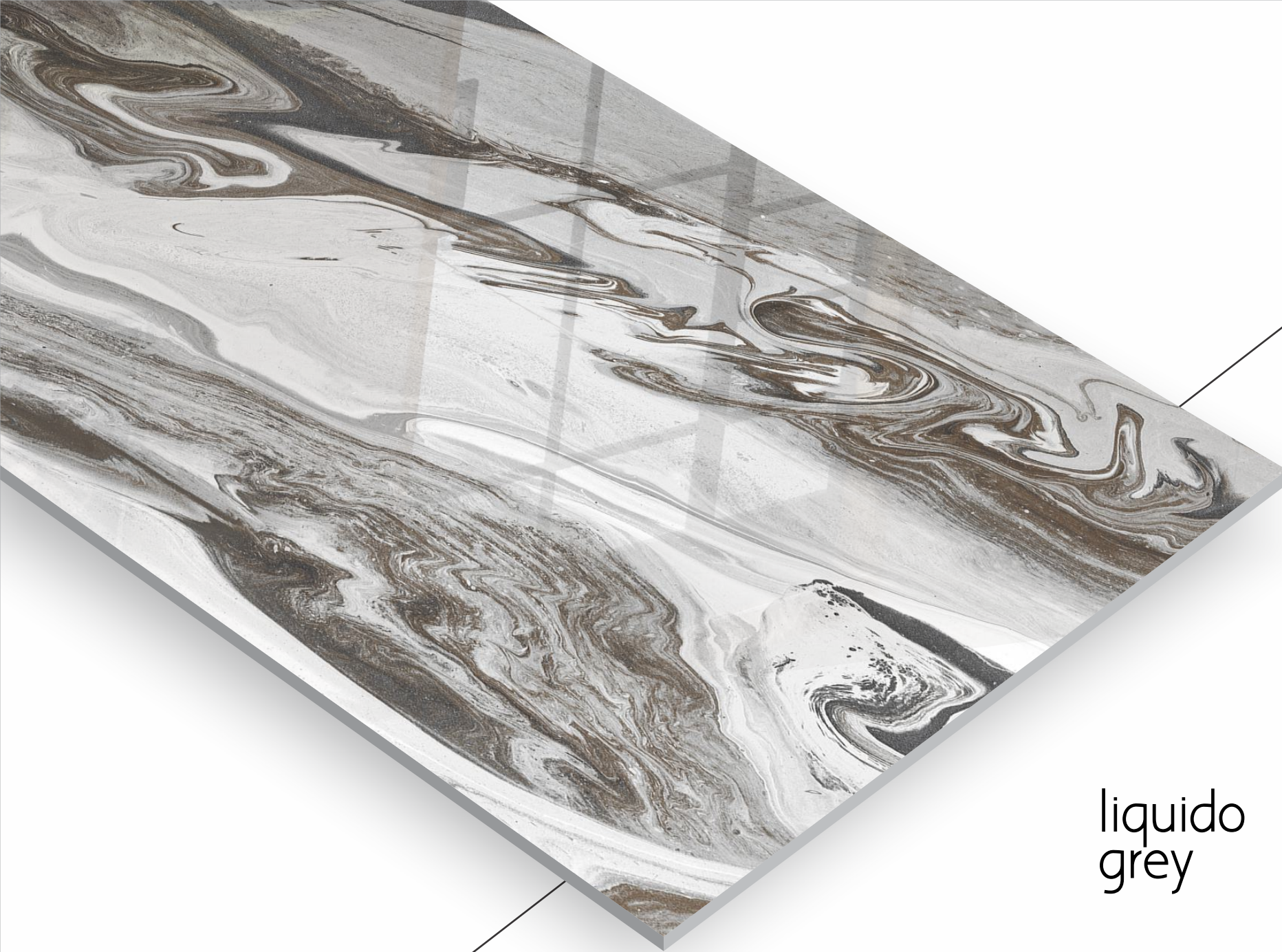


RANDOM DESIGN



LOW MAINTENANCE





liquido
grey



liquido
grey

80x
160cm



≡ Thickness : **0.9cm**

☀️ Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE





liquido
taupe



liquido taupe

80x
160cm



≡ Thickness : **0.9cm**

☀️ Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



liquido
taupe



rosalia
pine




rosalia
pine

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE





silvia
beige




silvia
beige

80x
160cm



≡ Thickness : **0.9cm**

 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	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	80x160 cm	0.9cm	2pcs.	2.56 sq. mtr.	52

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

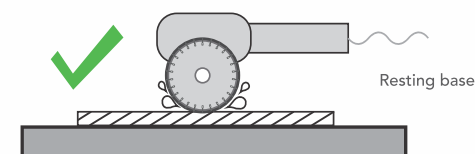
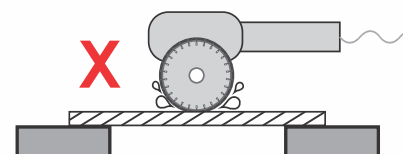
As long as the technical capacity of the cutting machine allows it, it is advisable to finish all the cuts towards the edge of the slab and avoid all the endings at the central area of the slab.

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

