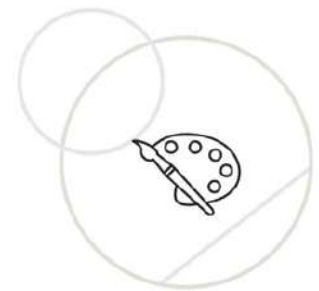
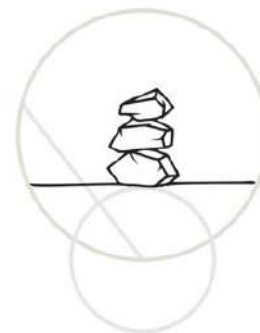
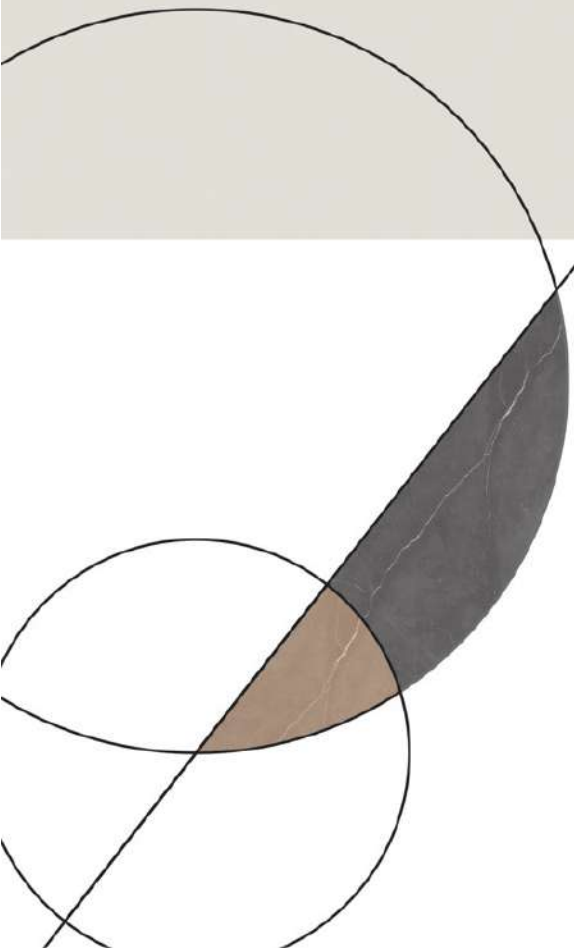


80x160cm | PGVT
Glossy Series





white
volakas



white volakas

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

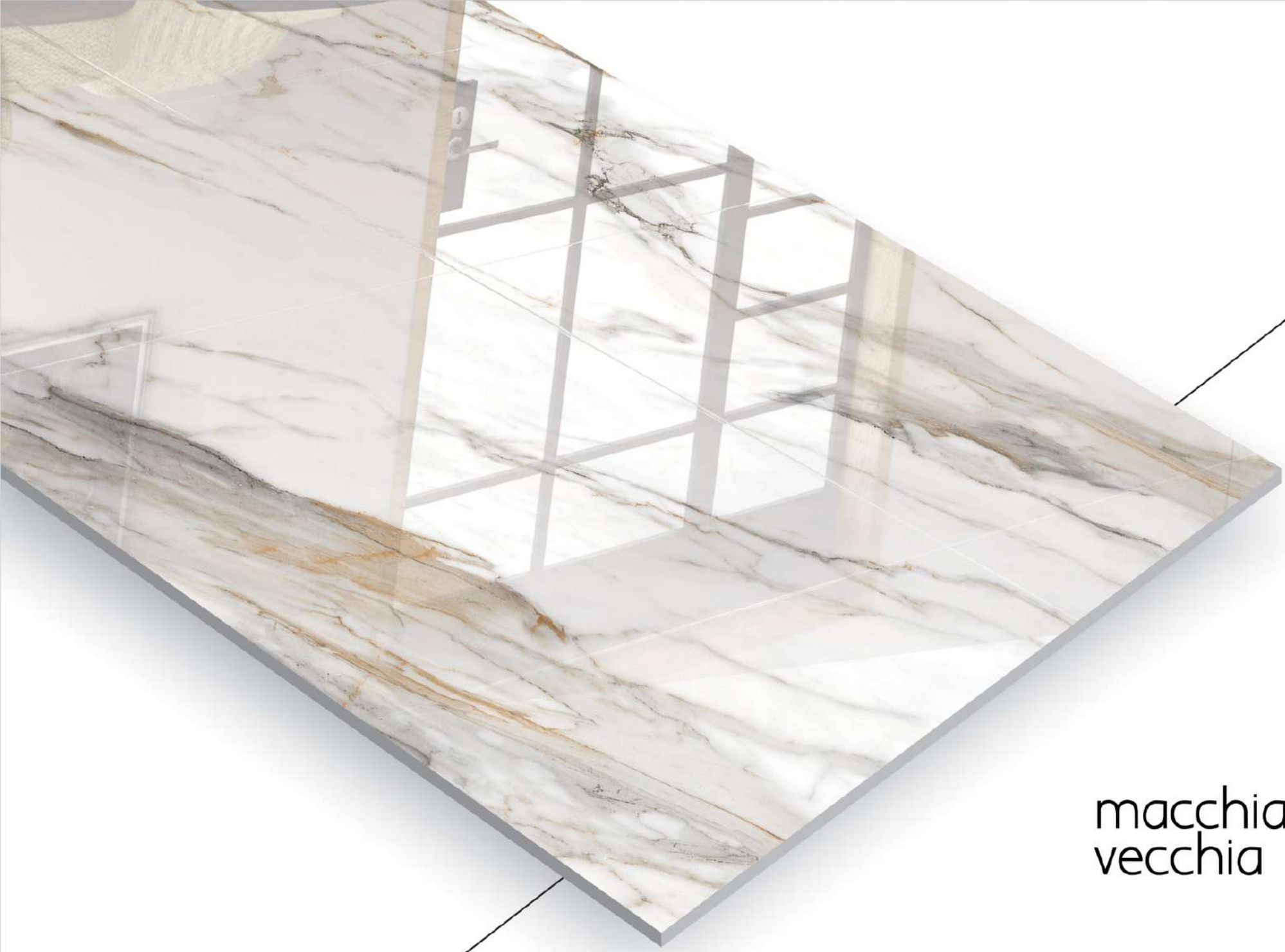
 ECO FRIENDLY

 RANDOM DESIGN

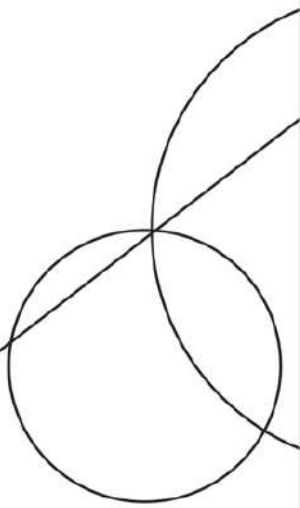
 LOW MAINTENANCE



white
volakas



macchia
vecchia





macchia vecchia

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



macchia
vecchia



blanc
luminix




blanc luminix

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

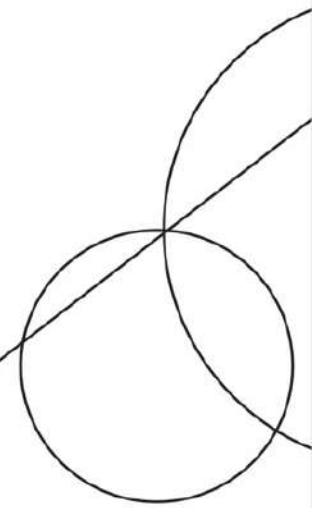
 LOW MAINTENANCE



blanc
luminix



statuario
volcano





statuario volcano

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

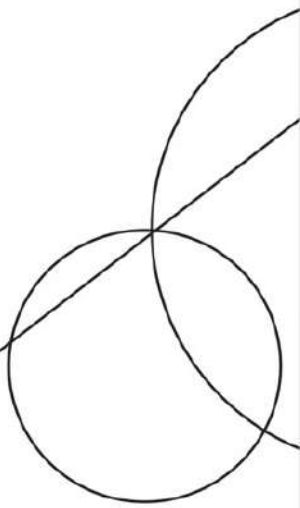
 LOW MAINTENANCE



statuario
volcano



calacatta
borghini






calacatta borghini

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



 HIGH STRENGTH

 ECO FRIENDLY

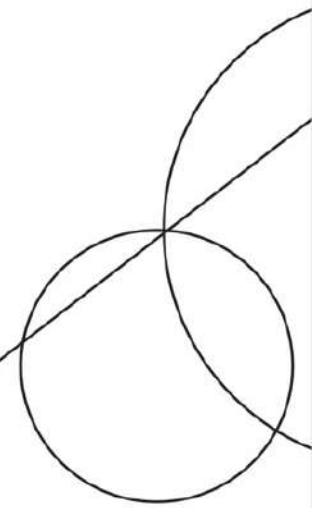
 RANDOM DESIGN

 LOW MAINTENANCE





calacatta
oro





calacatta oro

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



calacatta
oro



carrara
paonazzo

carrara paonazzo



**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

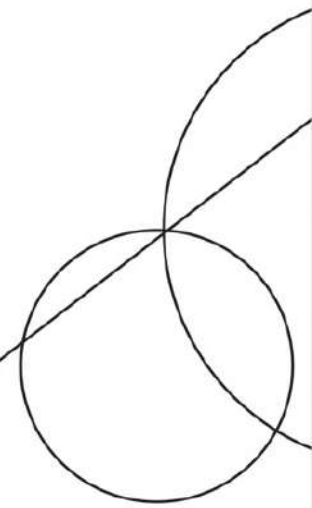
 LOW MAINTENANCE



carrara
paonazzo



carrara
albino



carrara albino



**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

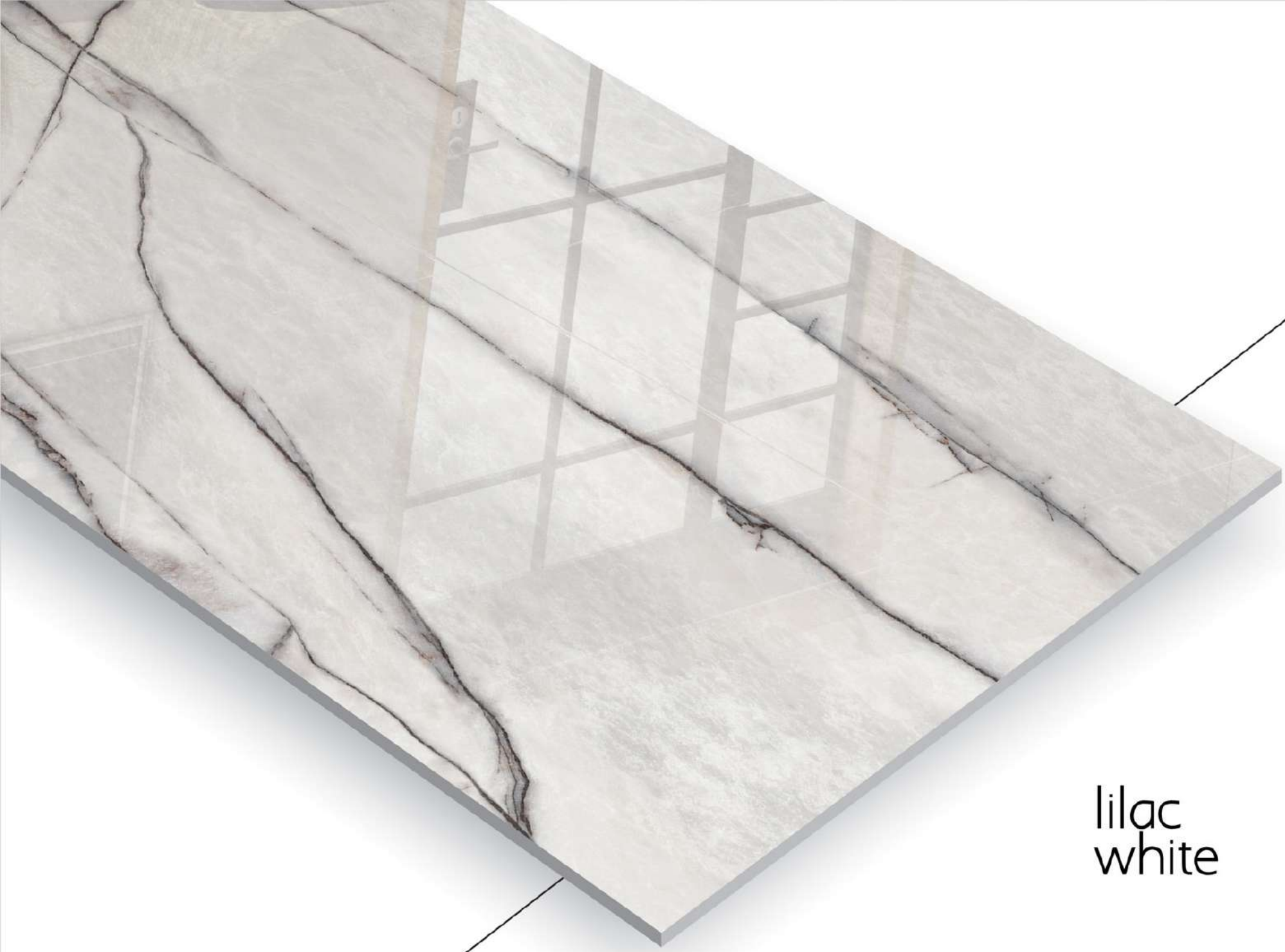
 ECO FRIENDLY

 RANDOM DESIGN

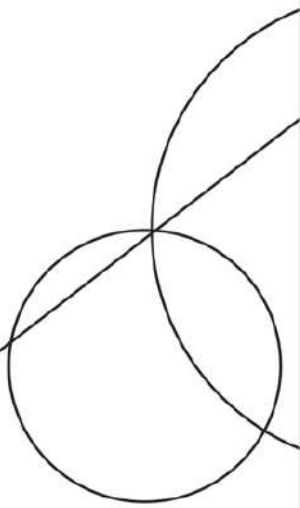
 LOW MAINTENANCE

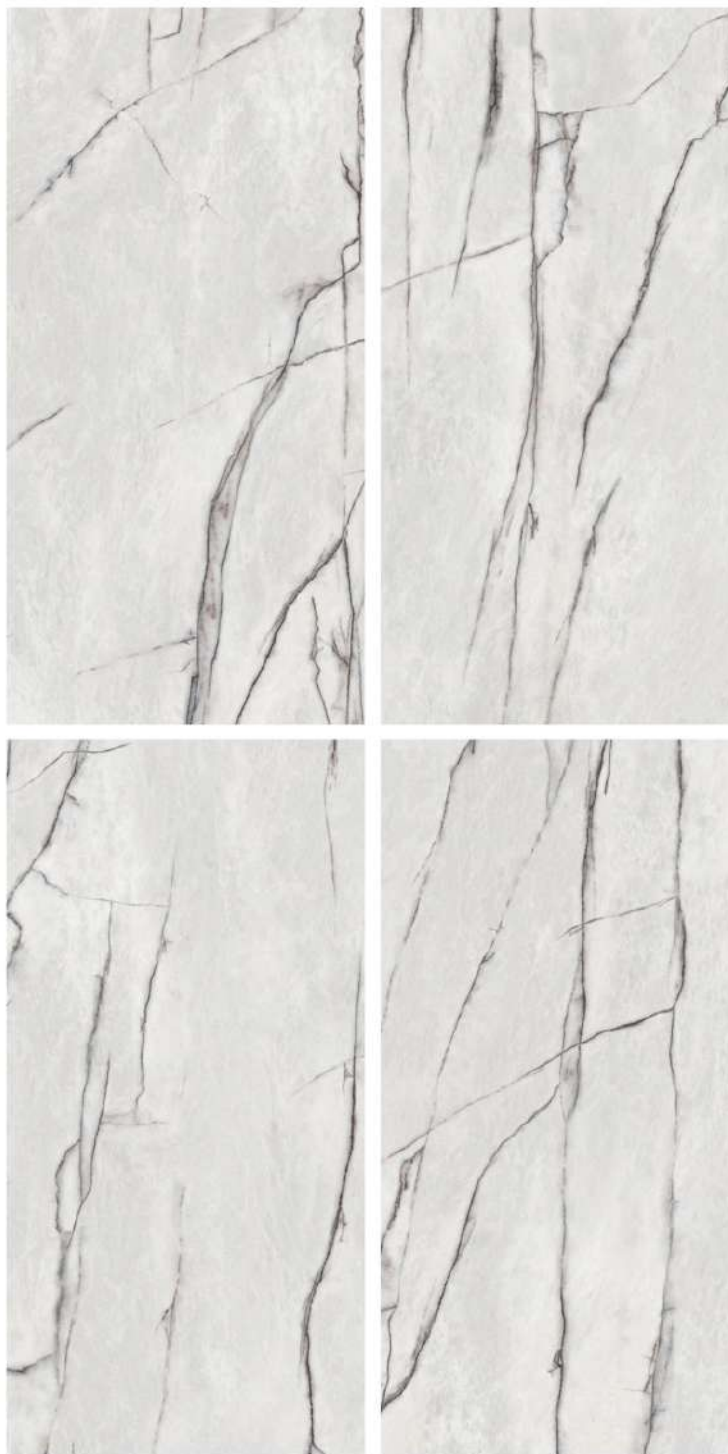


carrara
albino



lilac
white






lilac
white

80x
160cm



 Thickness : **0.9cm**

 Finish: **GLOSSY**



 HIGH STRENGTH

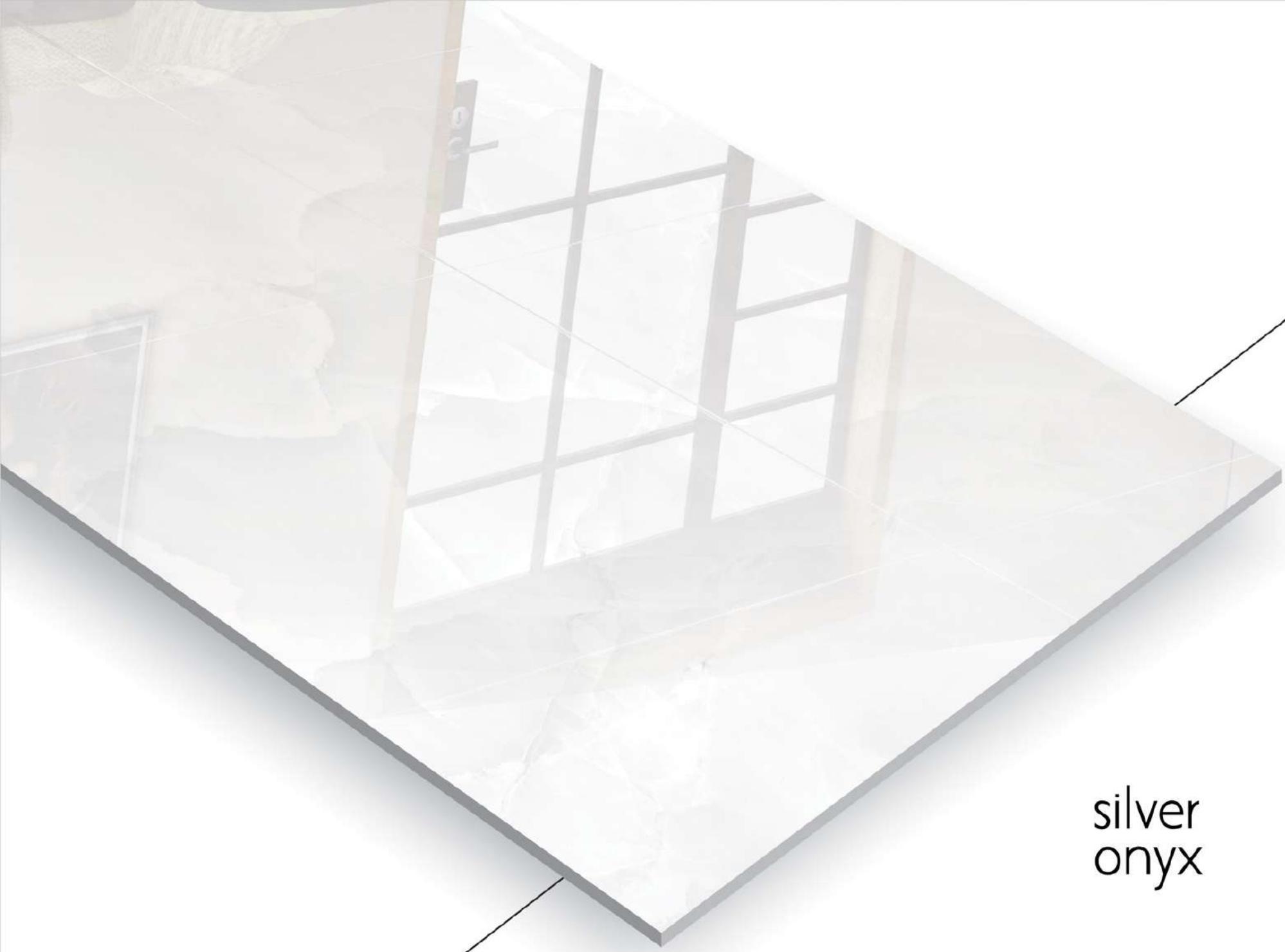
 ECO FRIENDLY

 RANDOM DESIGN

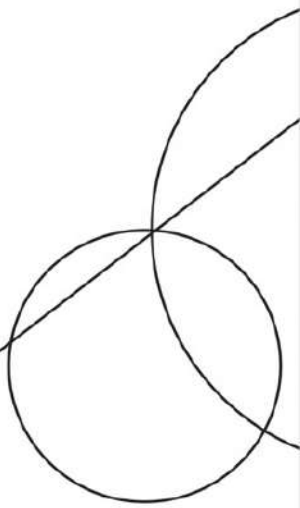
 LOW MAINTENANCE



lilac
white



silver
onyx




silver
onyx

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

 ECO FRIENDLY

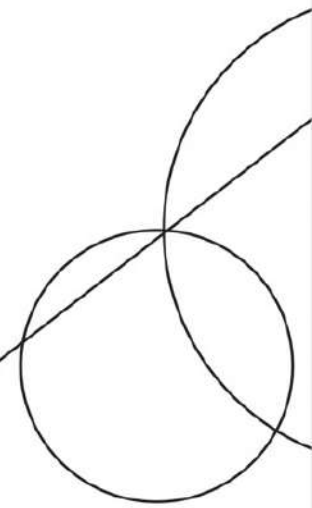
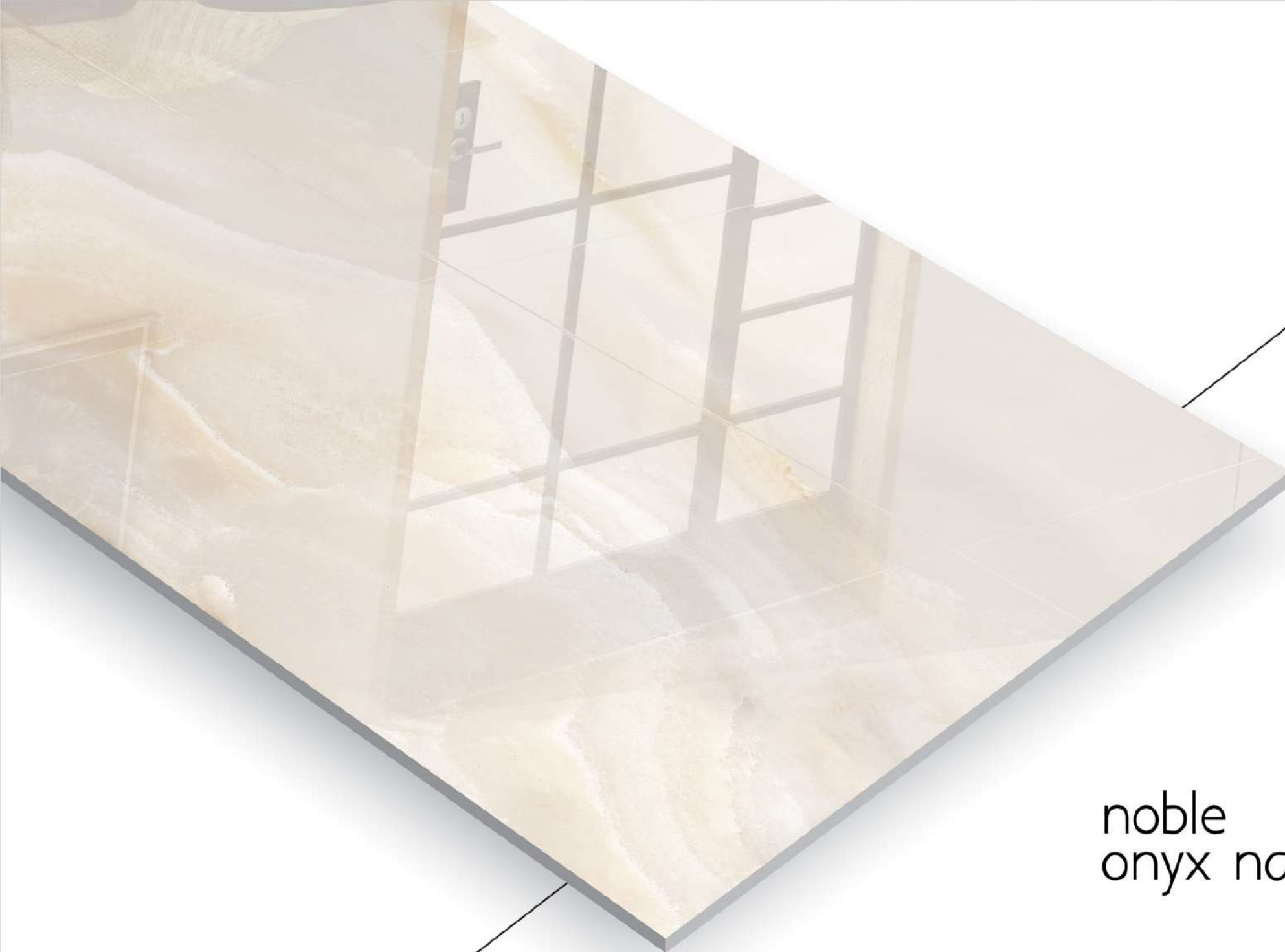
 RANDOM DESIGN

 LOW MAINTENANCE

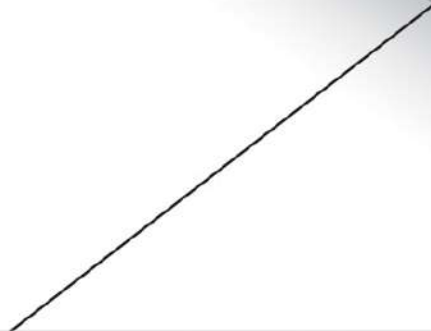


preserved lemon

silver
onyx



noble
onyx natural






noble onyx natural

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

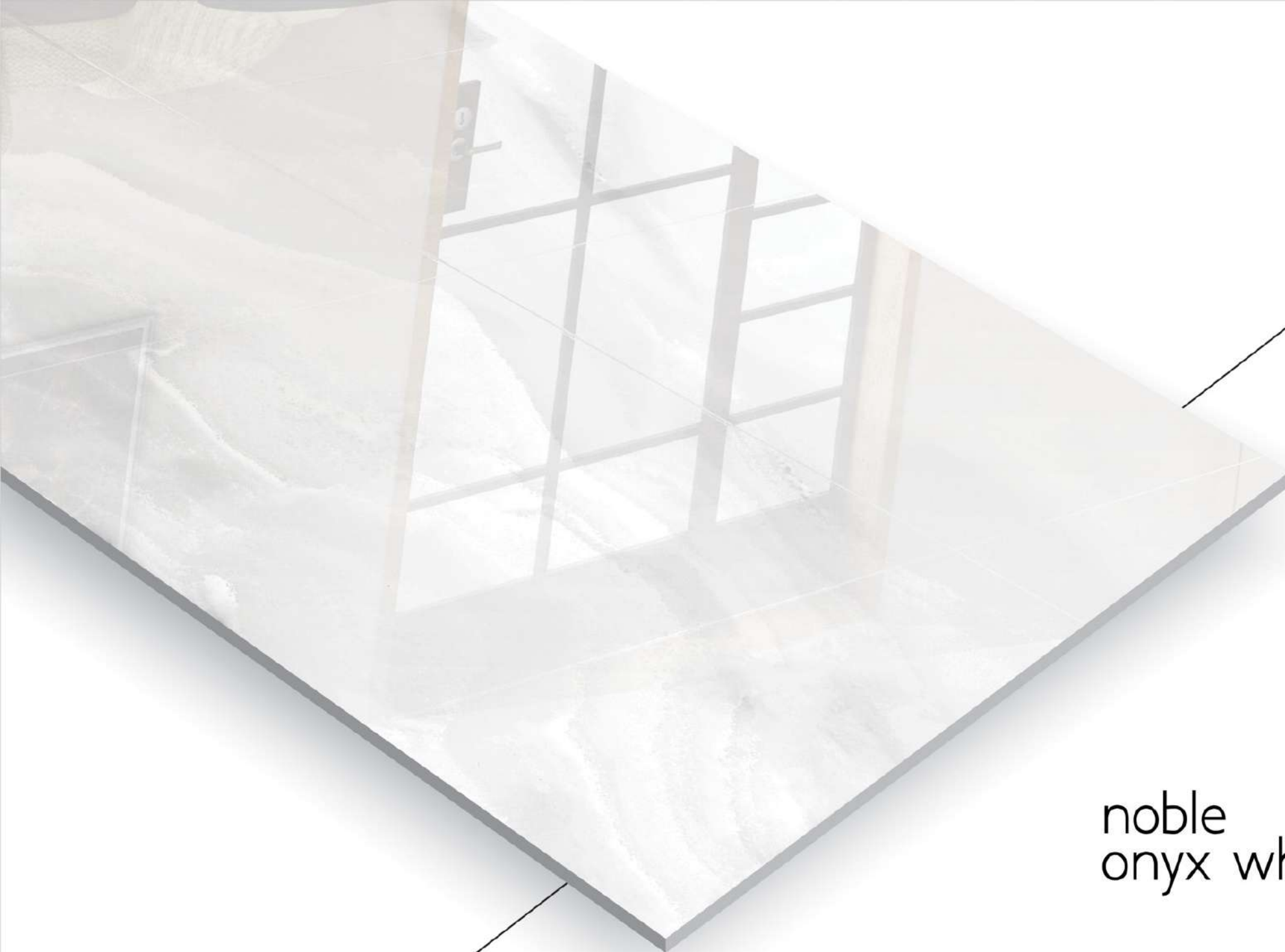
 ECO FRIENDLY

 RANDOM DESIGN

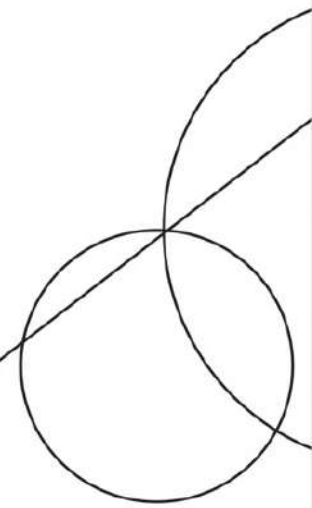
 LOW MAINTENANCE



noble
onyx
natural



noble
onyx white





noble onyx white

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

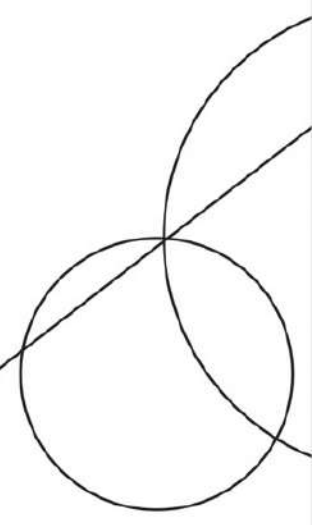
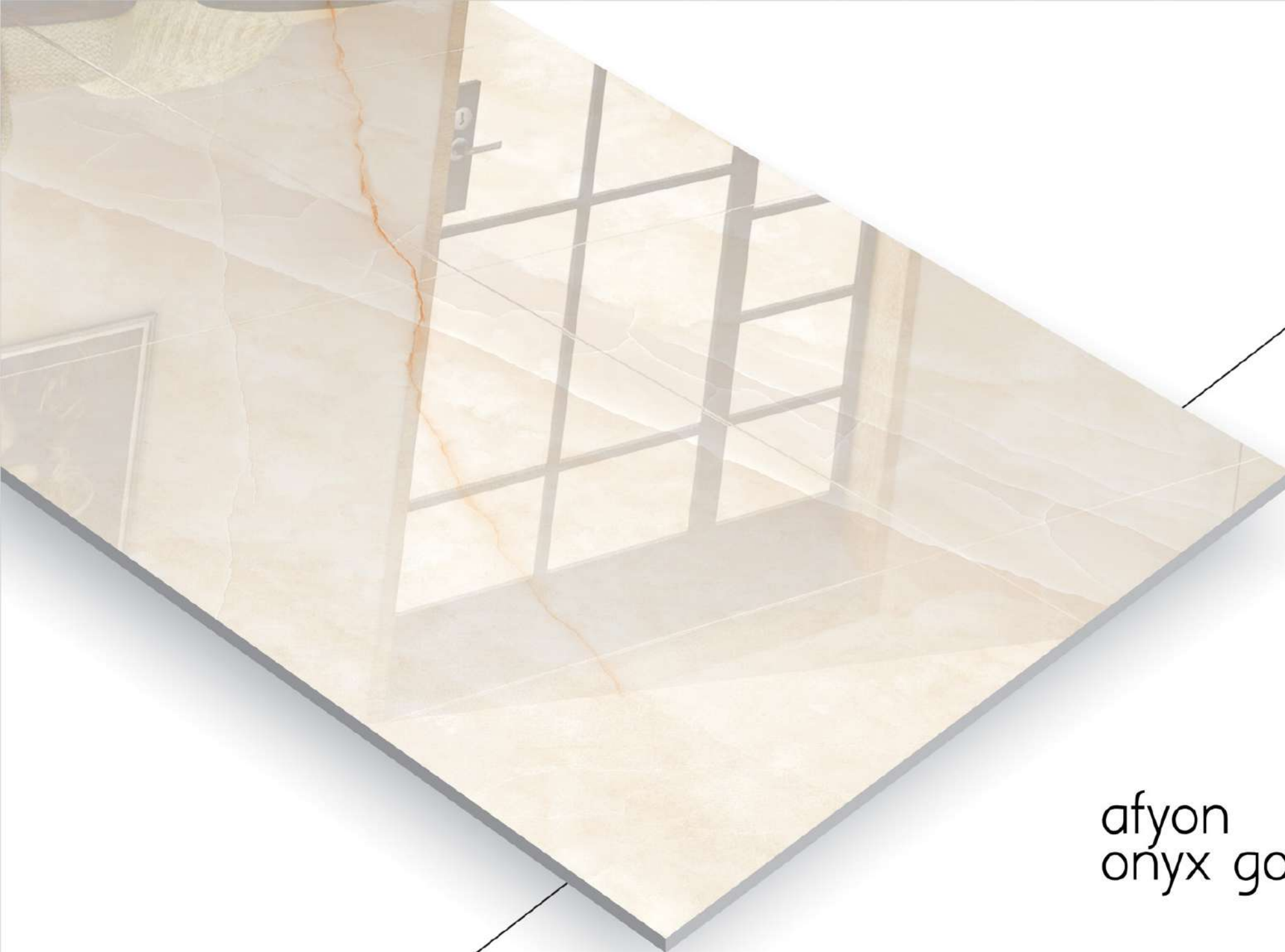
 ECO FRIENDLY

 RANDOM DESIGN

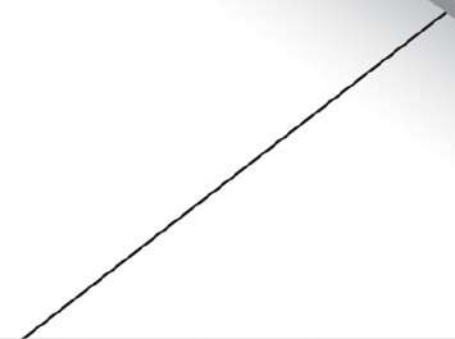
 LOW MAINTENANCE



noble
onyx white



afyon
onyx gold






afyon onyx gold

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

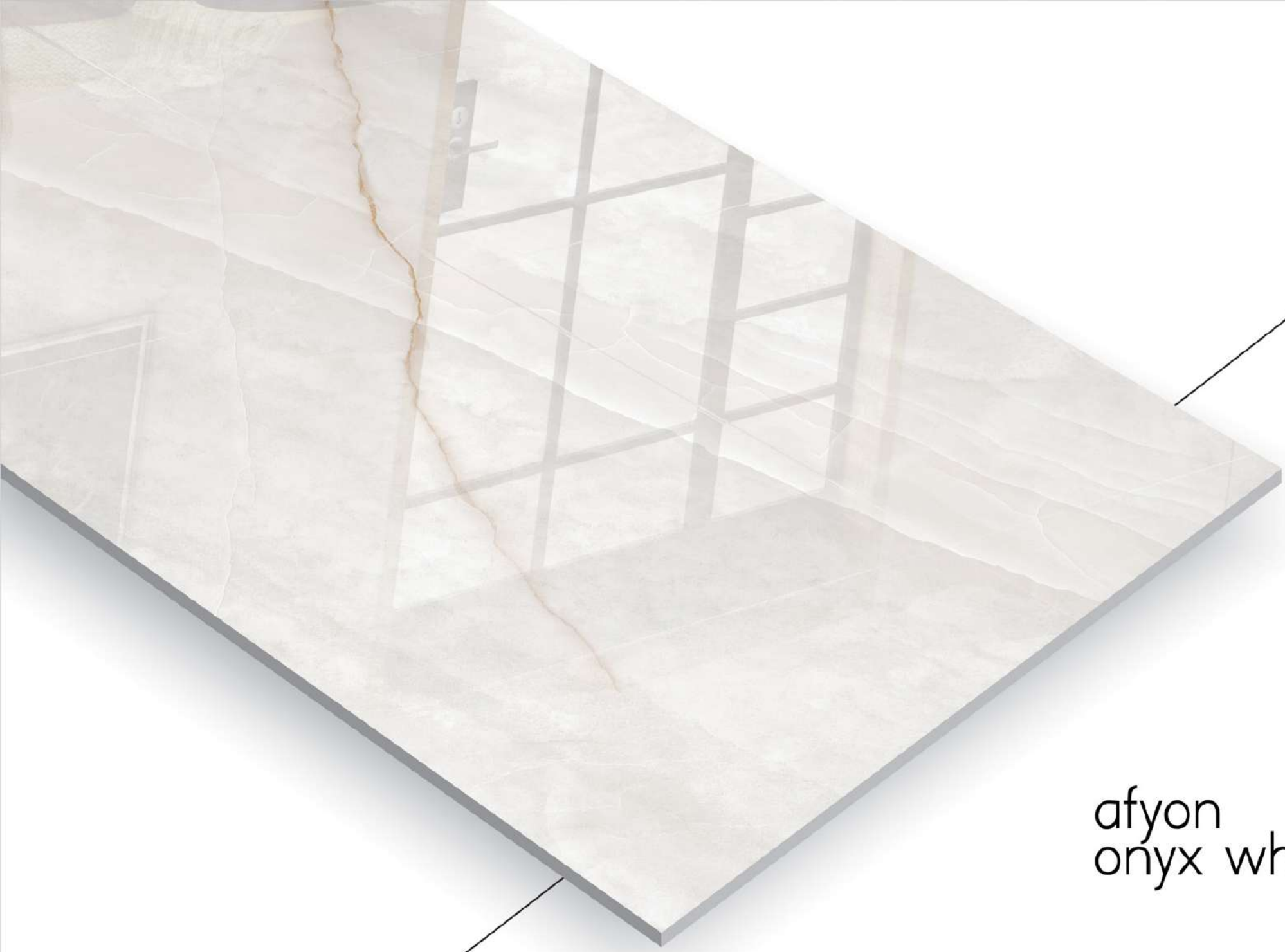
 ECO FRIENDLY

 RANDOM DESIGN

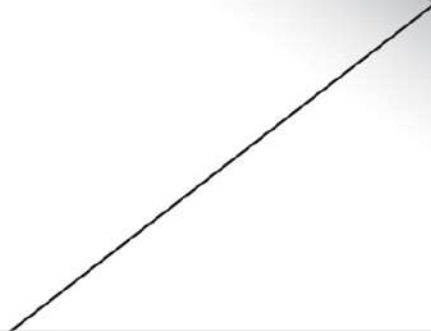
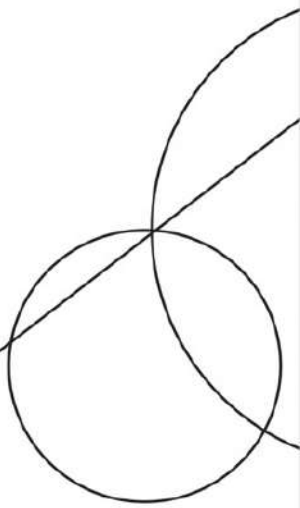
 LOW MAINTENANCE



afyon
onyx gold



afyon
onyx white






afyon onyx white

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

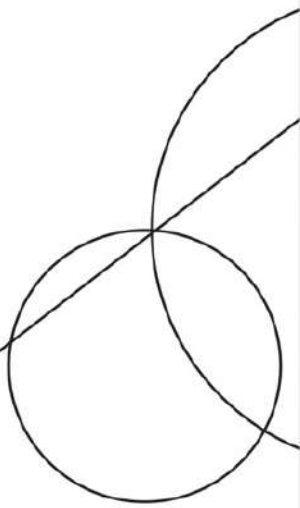
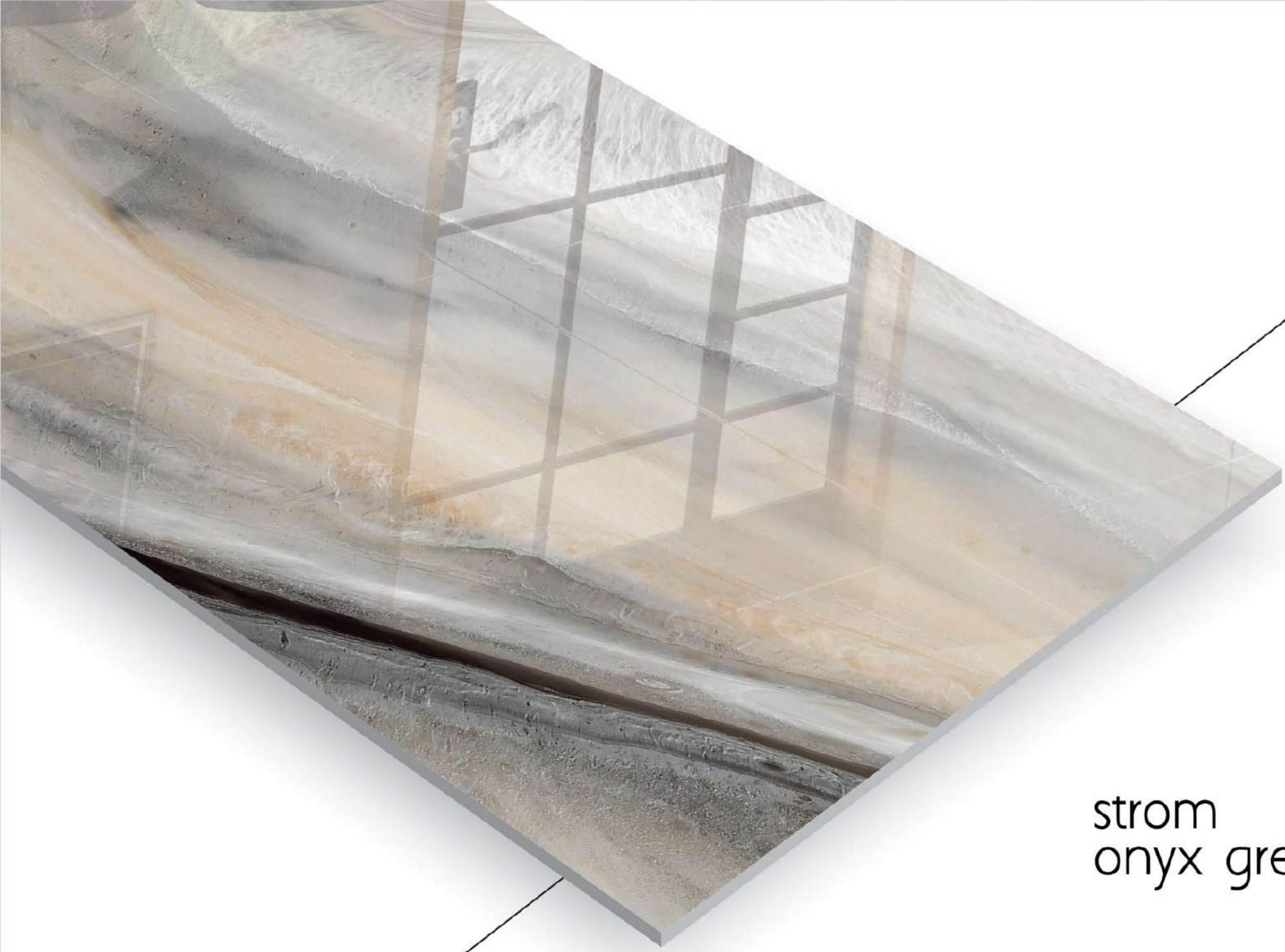
 ECO FRIENDLY

 RANDOM DESIGN

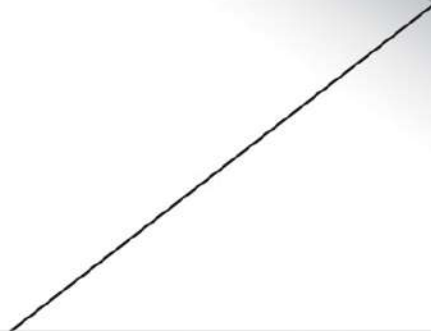
 LOW MAINTENANCE



afyon
onyx white



strom
onyx grey






strom onyx grey

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

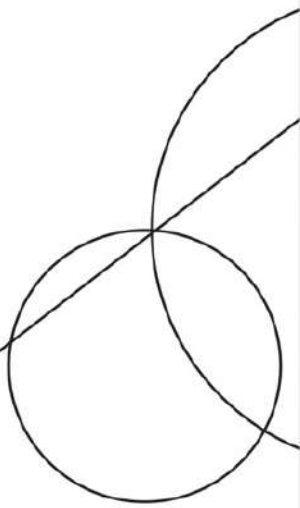
 ECO FRIENDLY

 RANDOM DESIGN

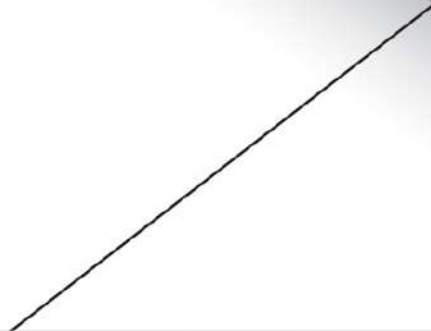
 LOW MAINTENANCE



strom
onyx grey



golden
river





golden river

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



 HIGH STRENGTH

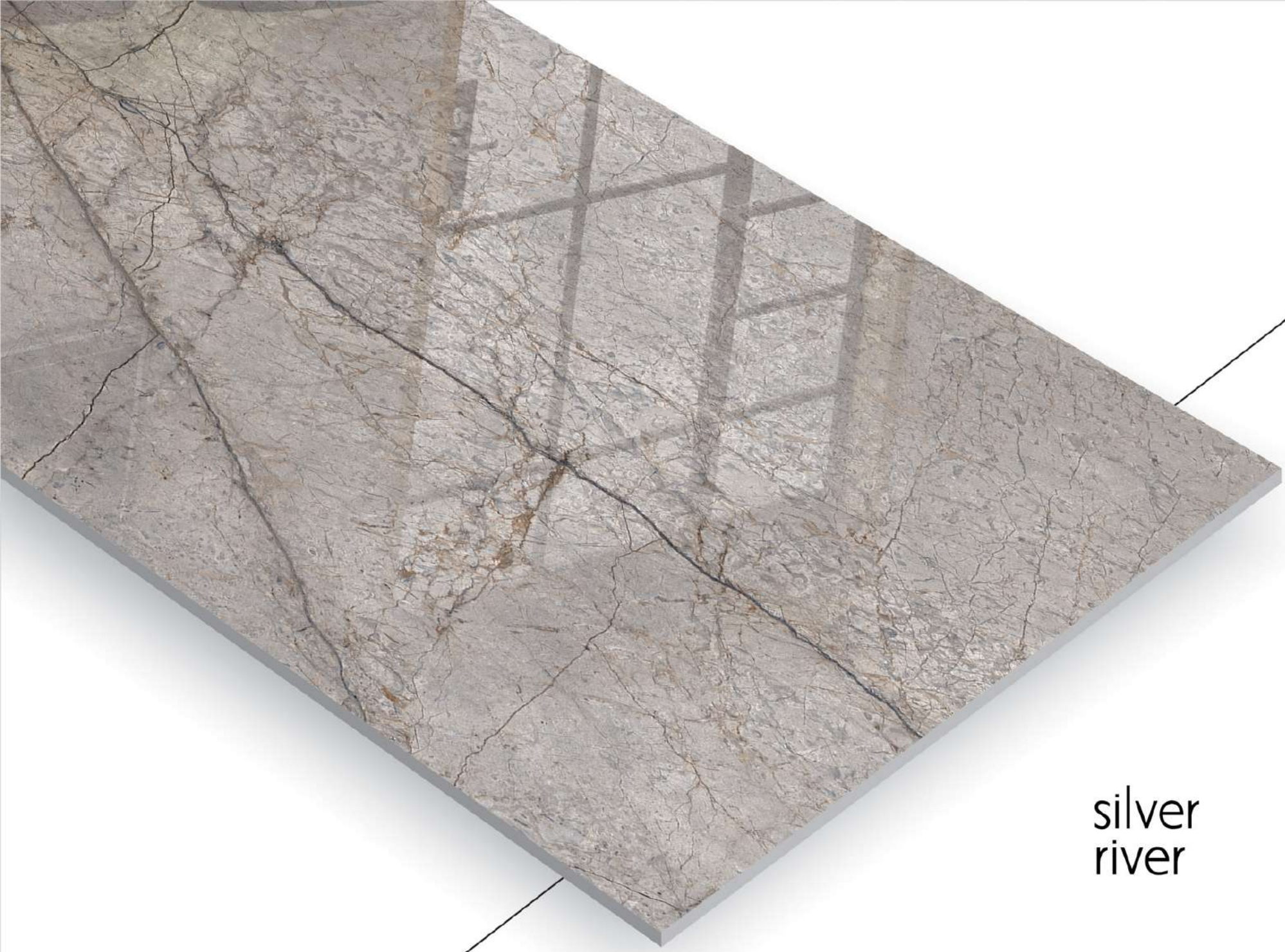
 ECO FRIENDLY

 RANDOM DESIGN

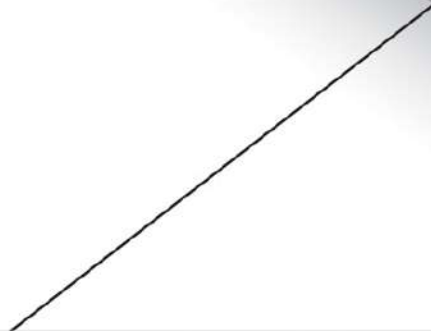
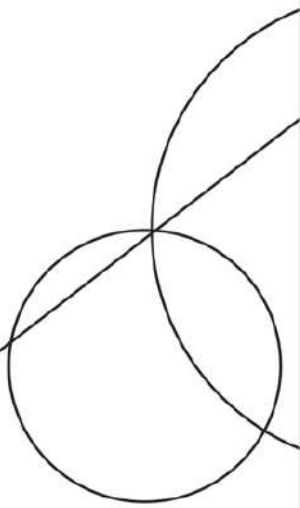
 LOW MAINTENANCE



golden
river



silver
river






silver river

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



 HIGH STRENGTH

 ECO FRIENDLY

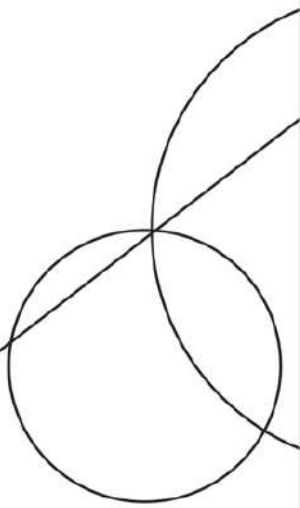
 RANDOM DESIGN

 LOW MAINTENANCE





root
grey





root grey

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



root
grey



root
bianco



root bianco

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



 HIGH STRENGTH

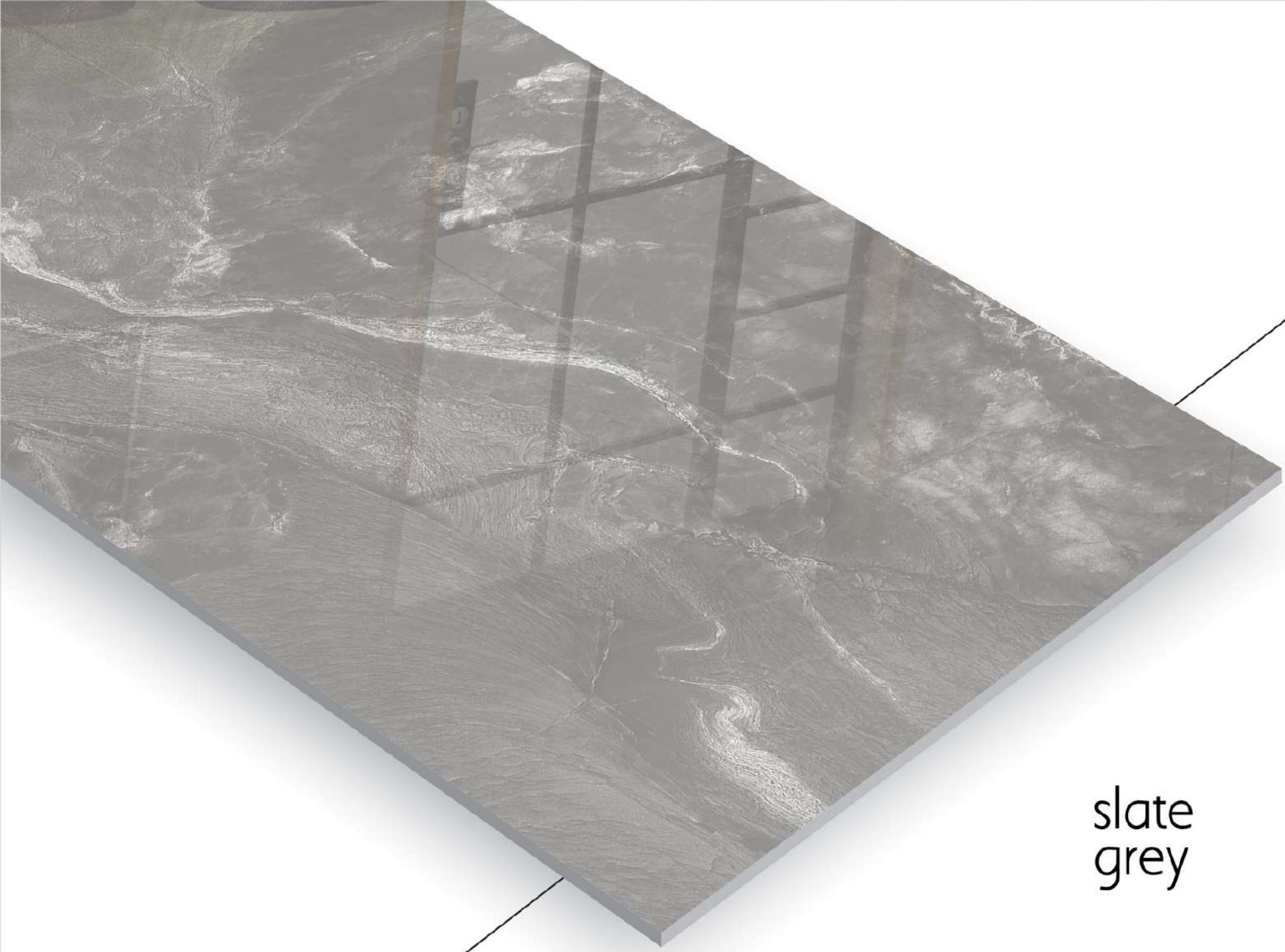
 ECO FRIENDLY

 RANDOM DESIGN

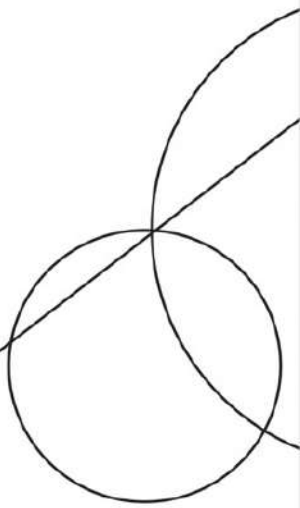
 LOW MAINTENANCE



root
bianco



slate
grey





slate
grey

80x
160cm



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

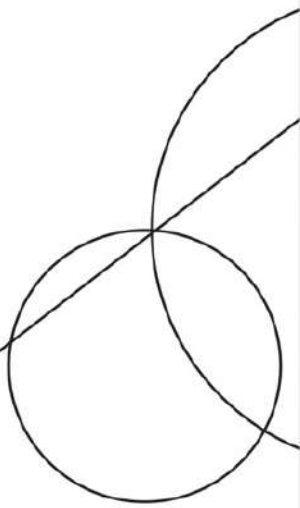
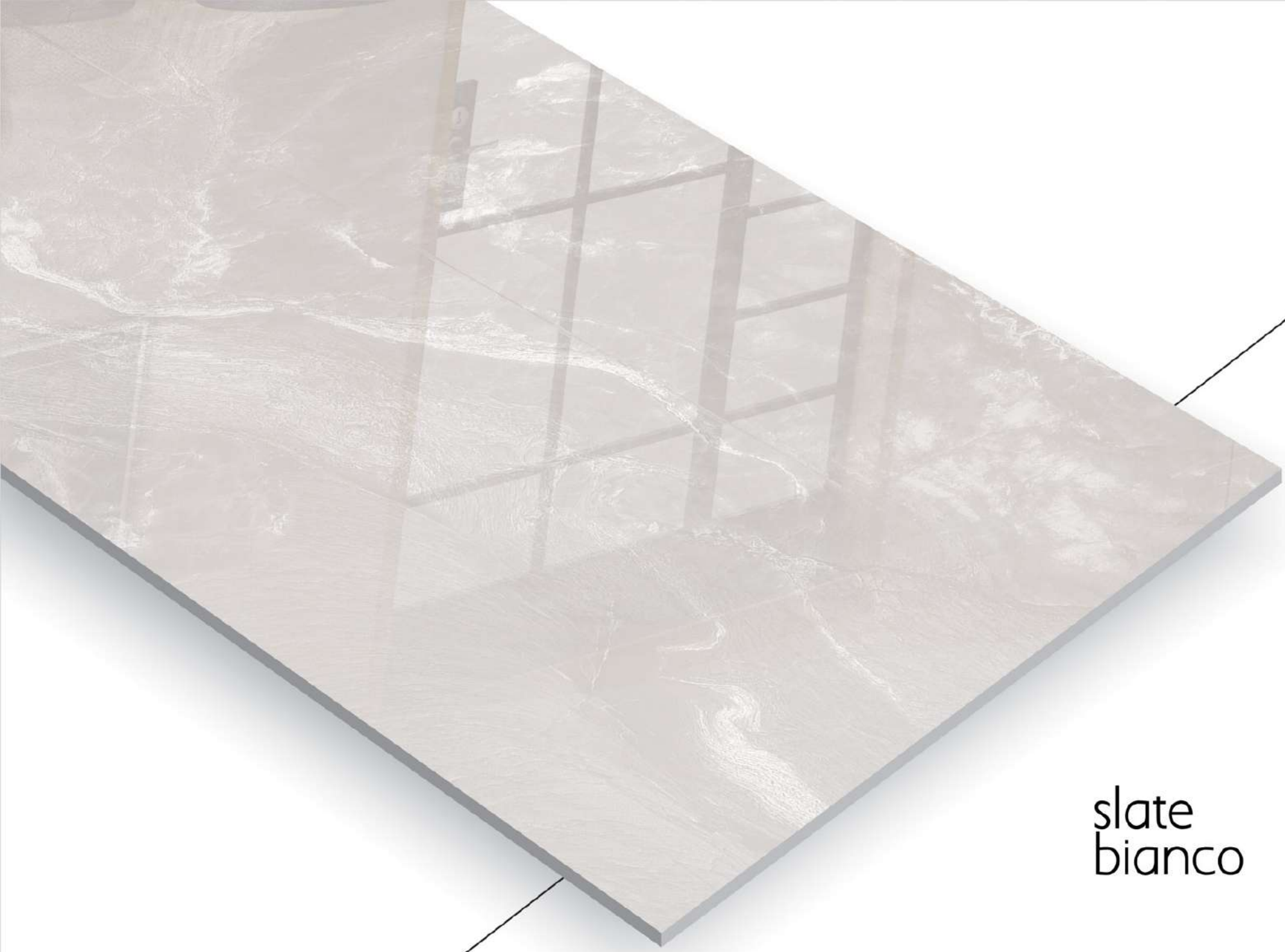
 ECO FRIENDLY

 RANDOM DESIGN

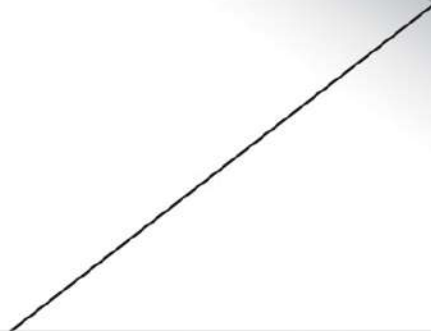
 LOW MAINTENANCE



slate
grey



slate
bianco






slate bianco

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



 HIGH STRENGTH

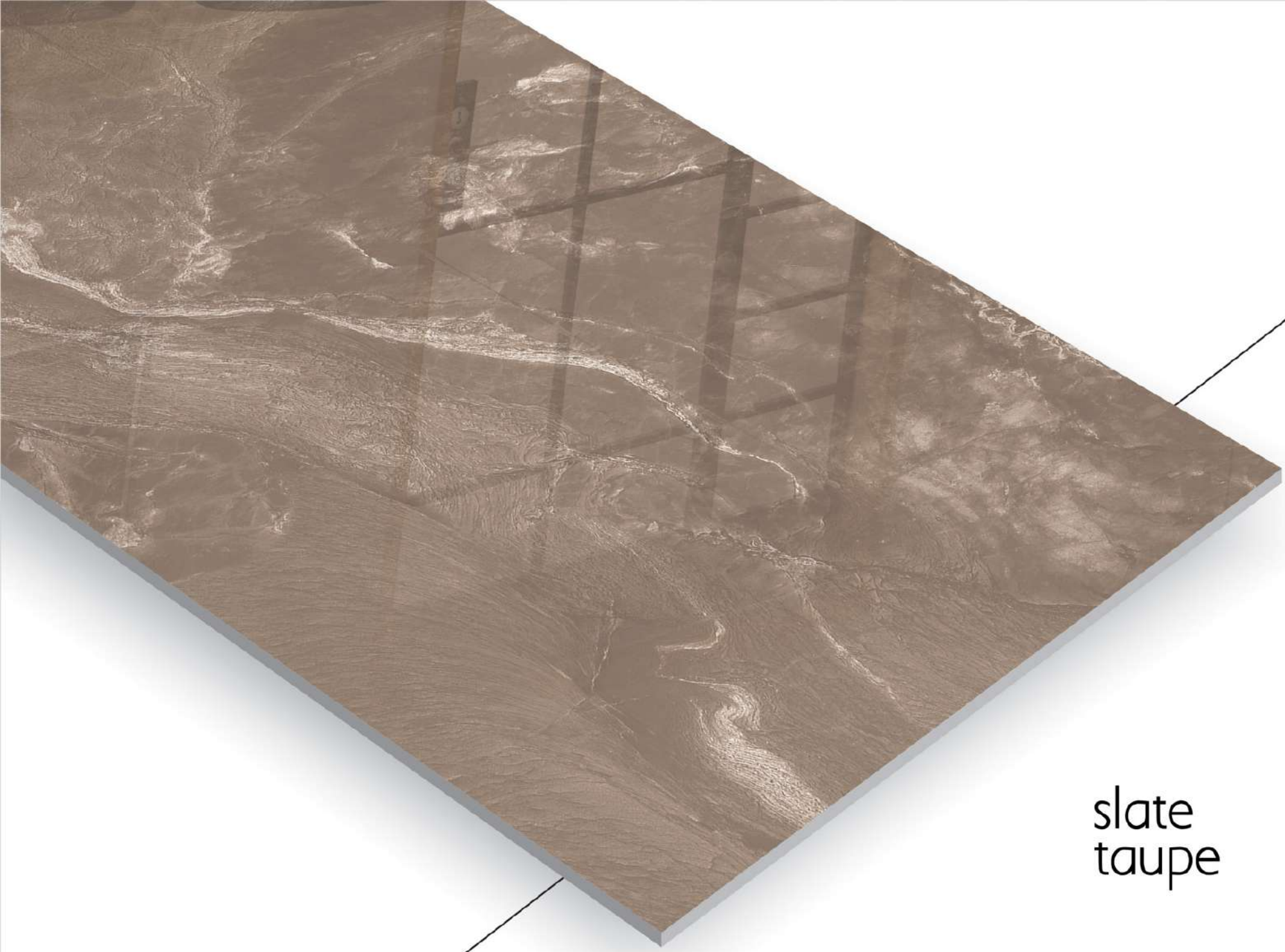
 ECO FRIENDLY

 RANDOM DESIGN

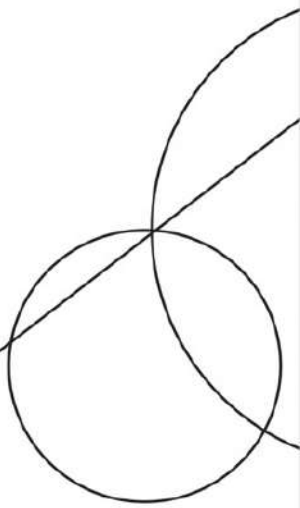
 LOW MAINTENANCE

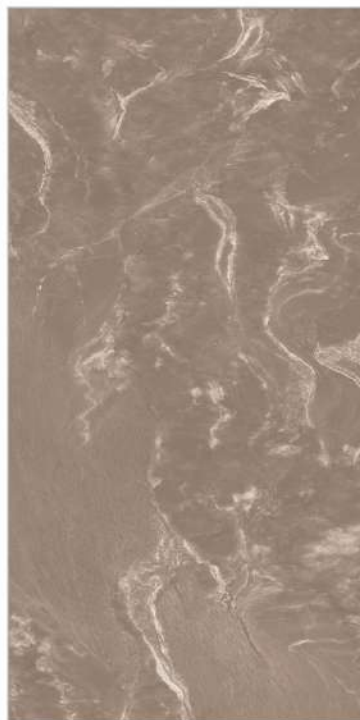


slate
bianco



slate
taupe






slate taupe

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

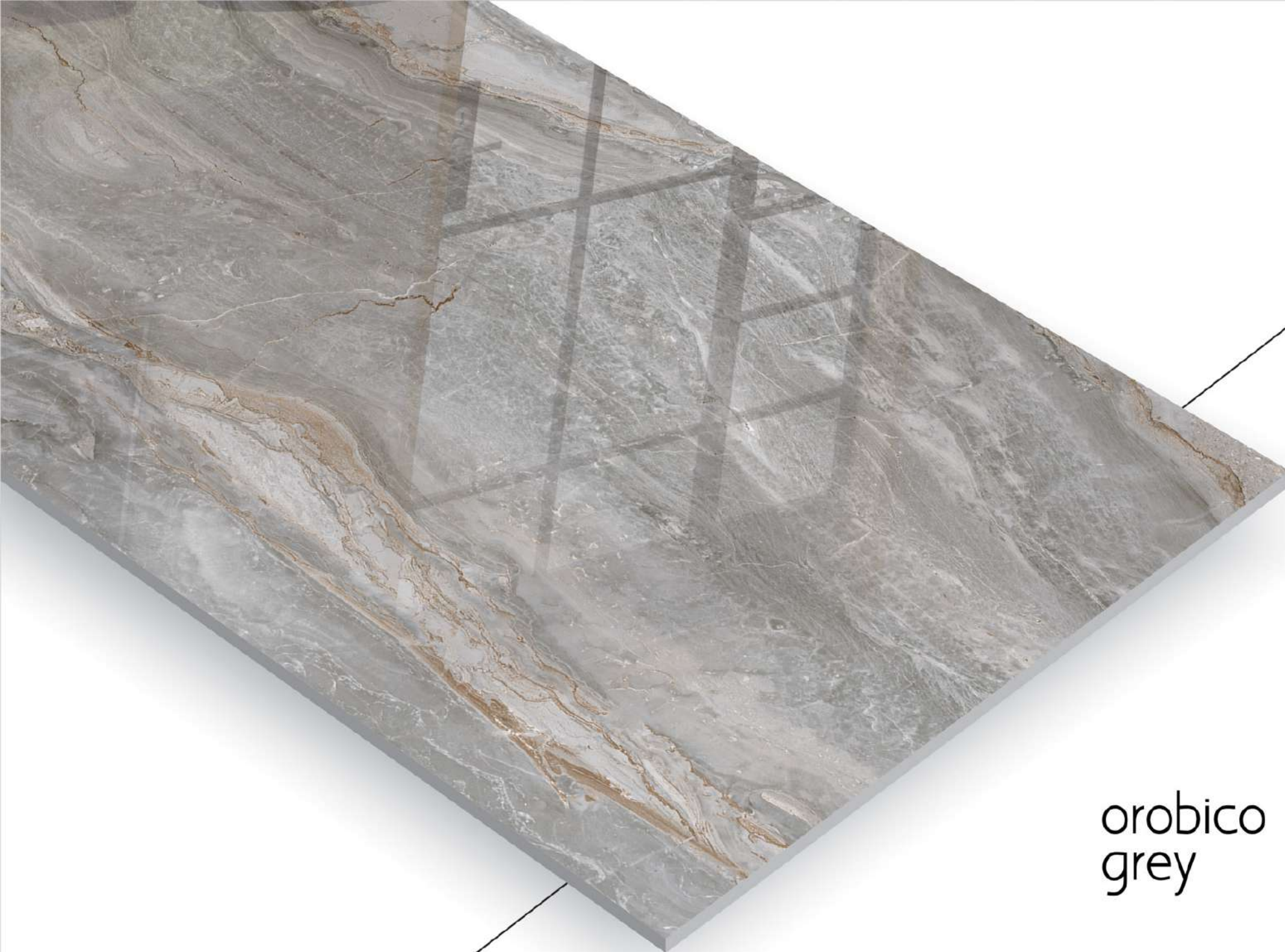
 ECO FRIENDLY

 RANDOM DESIGN

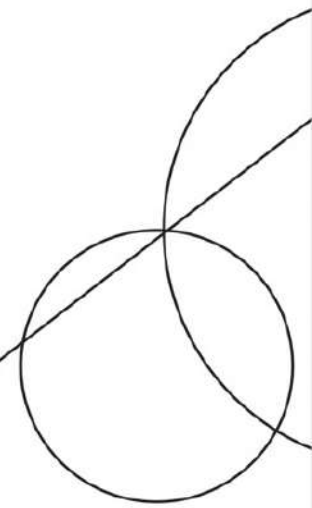
 LOW MAINTENANCE



slate
taupe



orobico
grey






orobico grey

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

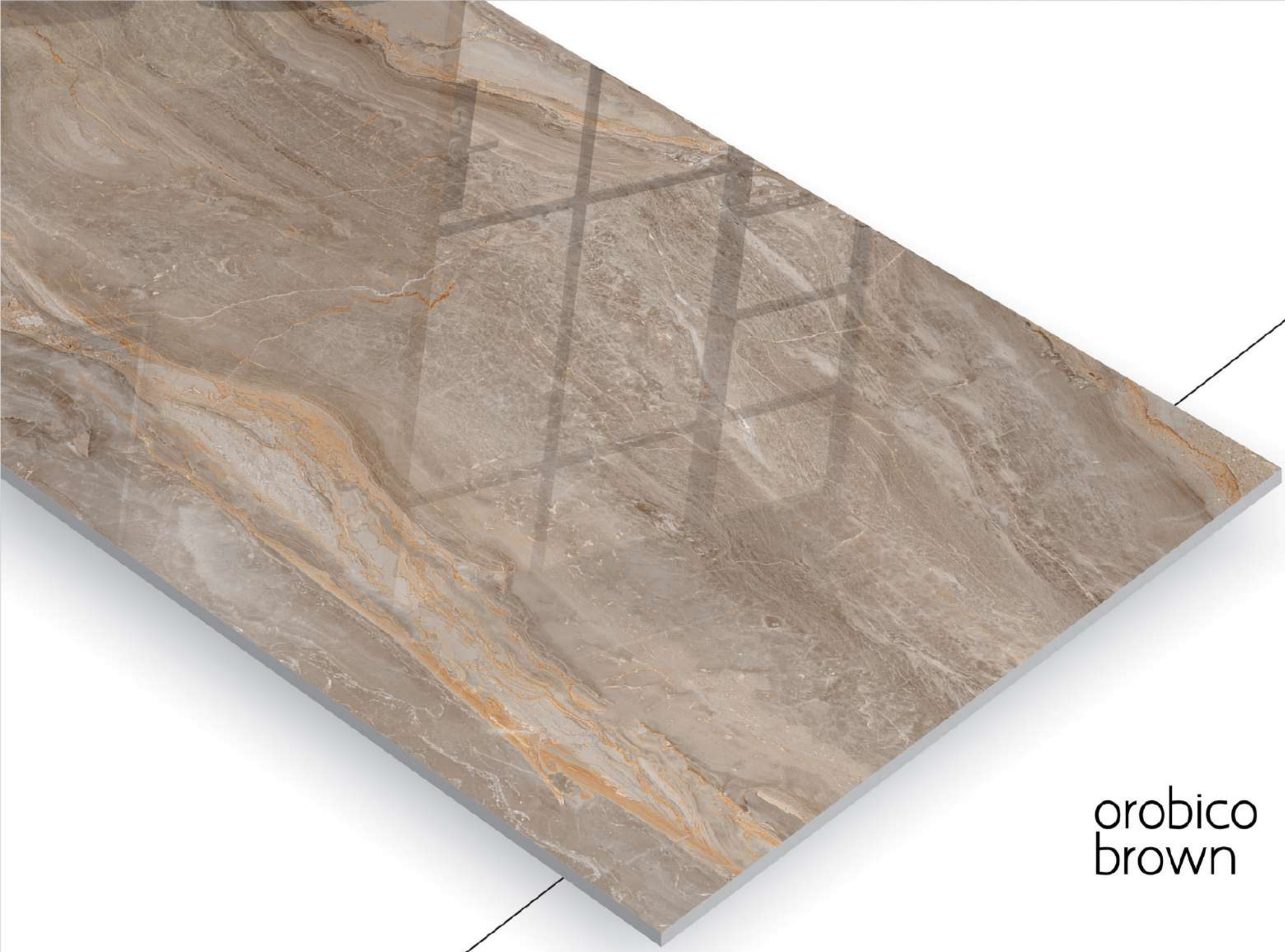
 ECO FRIENDLY

 RANDOM DESIGN

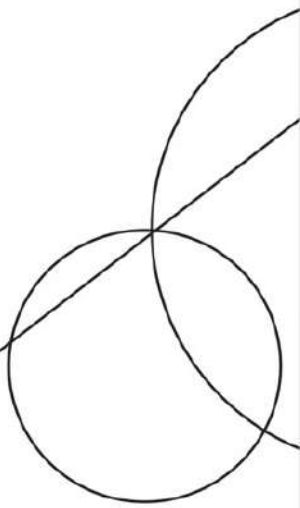
 LOW MAINTENANCE



orobico
grey



orobico
brown






orobico brown

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



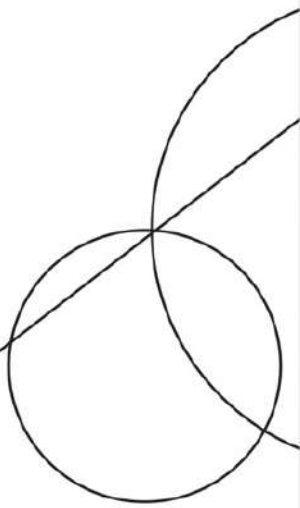
 HIGH STRENGTH

 ECO FRIENDLY

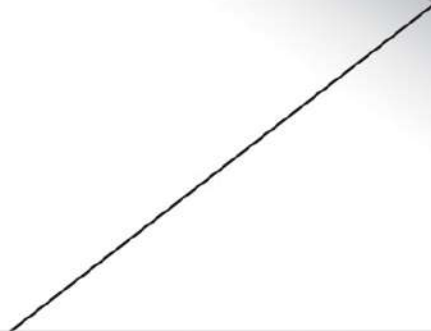
 RANDOM DESIGN

 LOW MAINTENANCE





grey
william





grey william

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



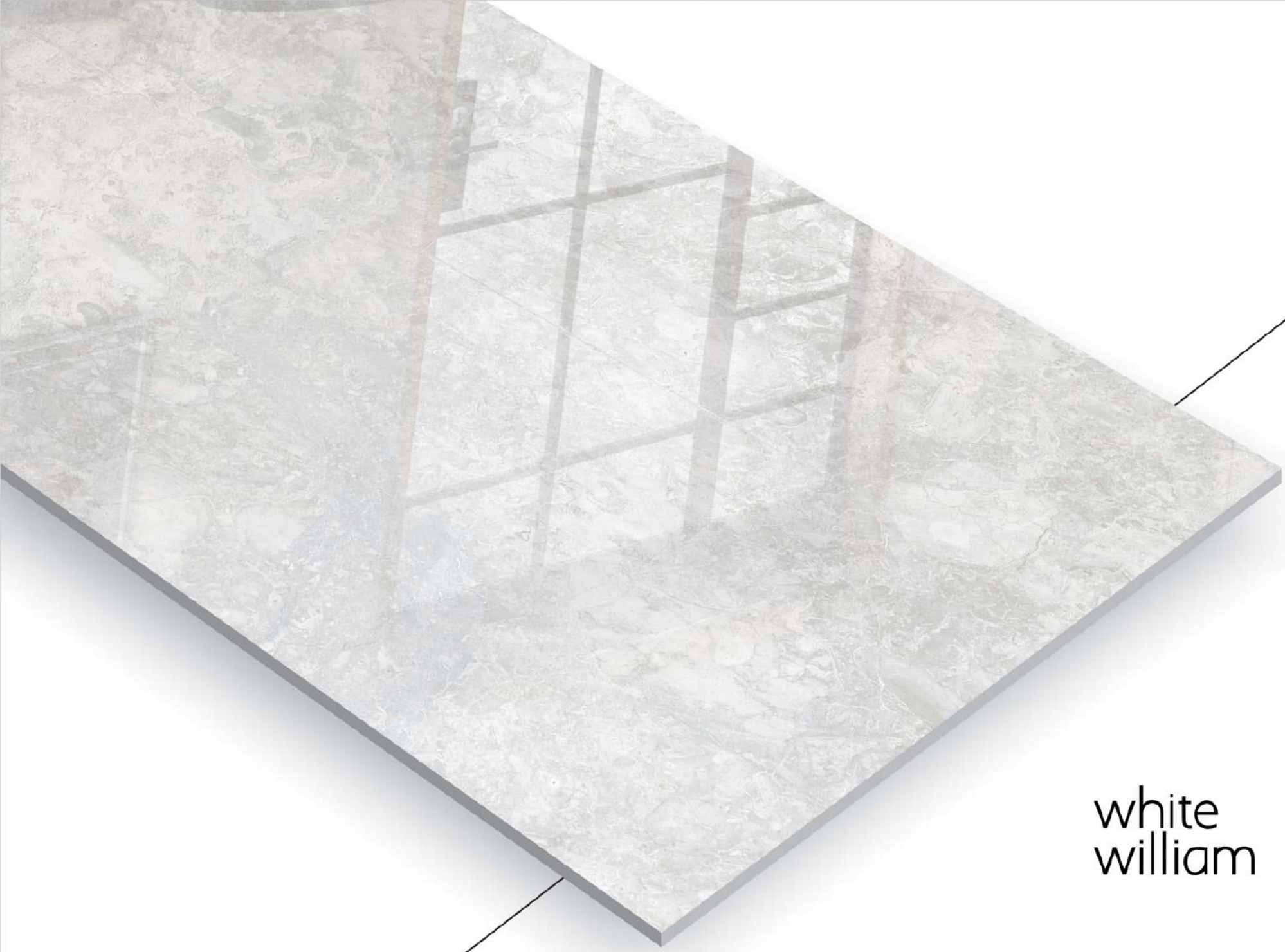
 HIGH STRENGTH

 ECO FRIENDLY

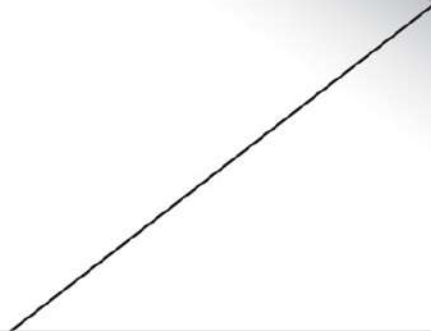
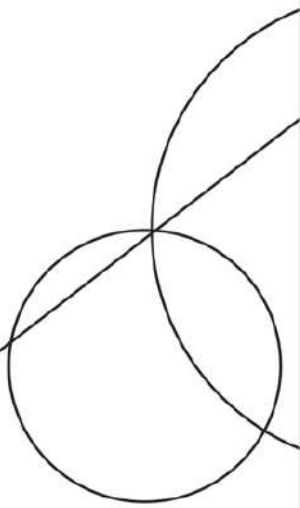
 RANDOM DESIGN

 LOW MAINTENANCE





white
william




white william

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

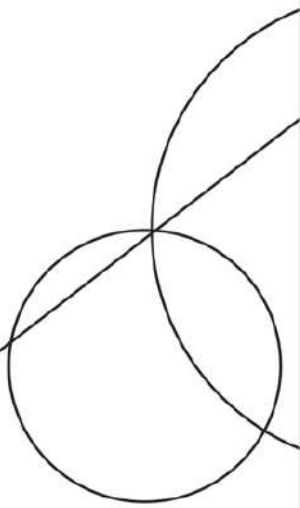
 LOW MAINTENANCE



white
william



fior de
pesco grey






fior de pescio grey

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

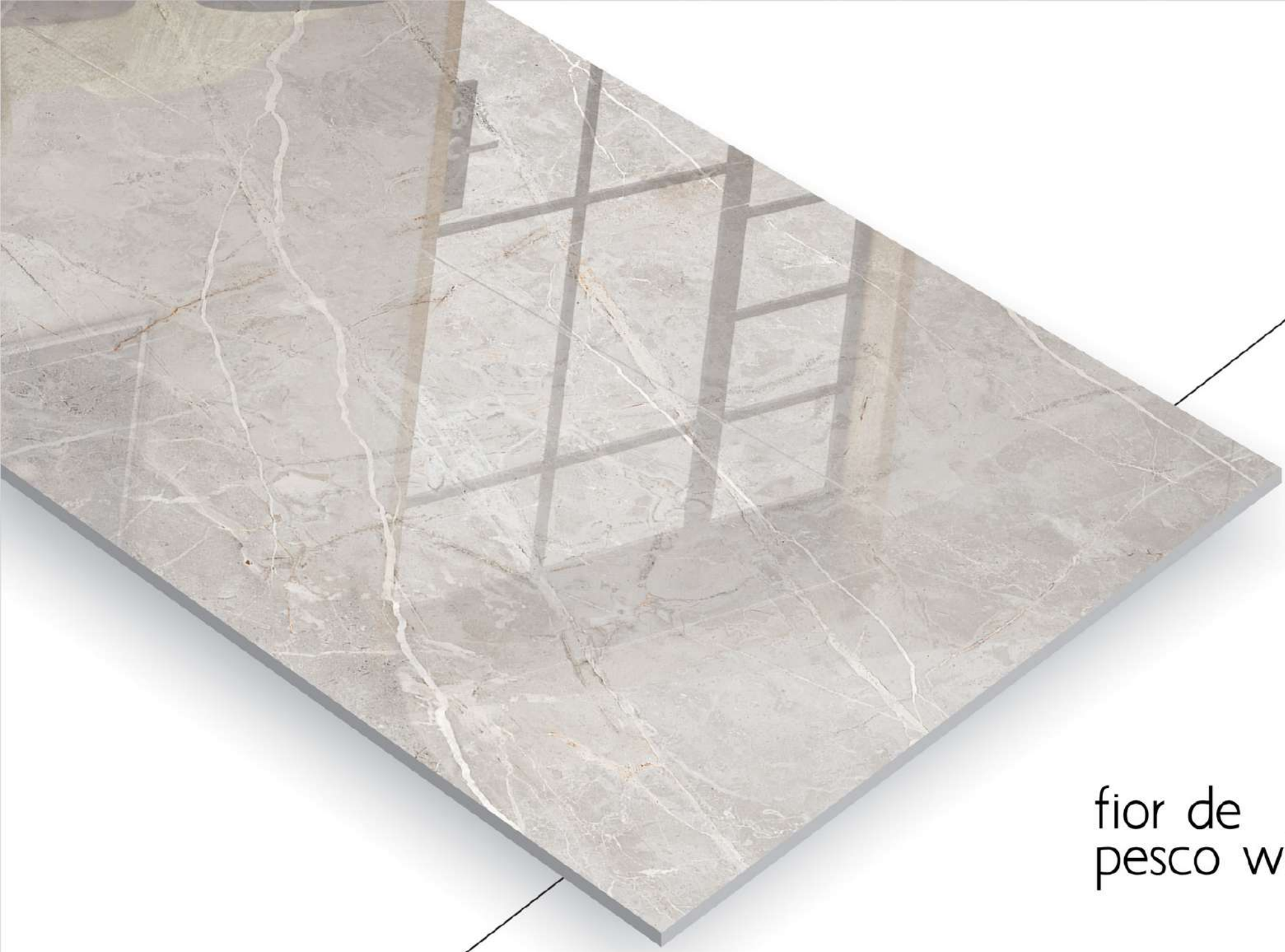
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



fior de
pesco grey



fior de
pesco white





fior de pescio white

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

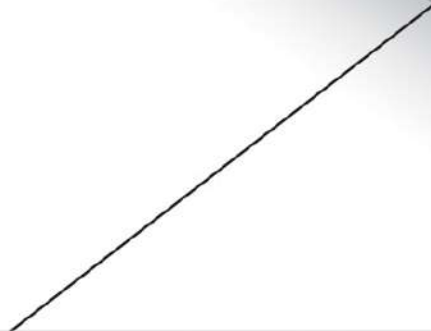
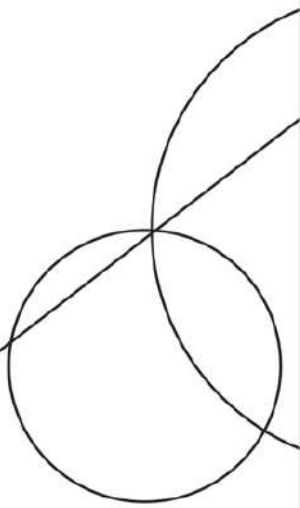
 LOW MAINTENANCE



fior de
pesco white



electra
white






electra white

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



 HIGH STRENGTH

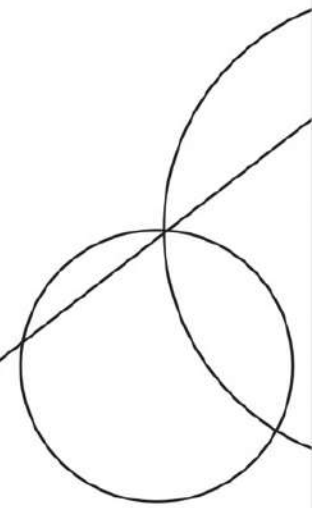
 ECO FRIENDLY

 RANDOM DESIGN

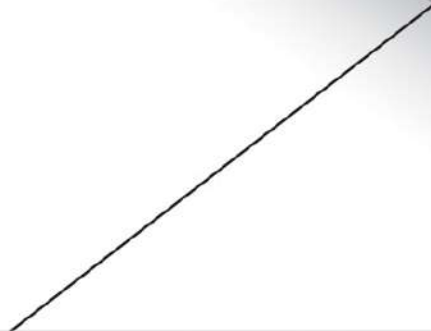
 LOW MAINTENANCE



electra
white



electra
beige






electra beige

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

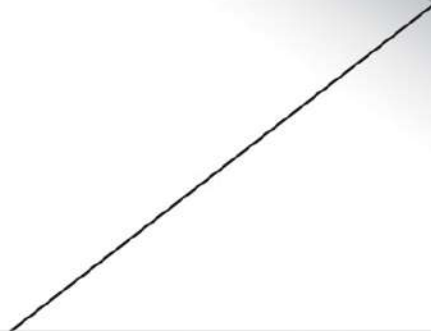
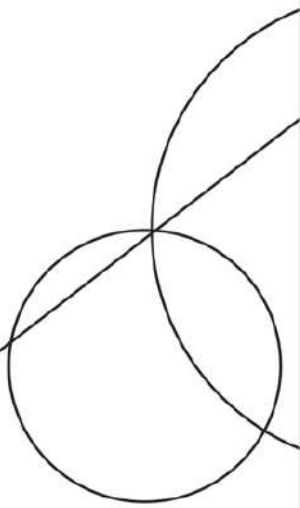
 LOW MAINTENANCE



electra
beige



armani
graphite





armani graphite

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



 HIGH STRENGTH

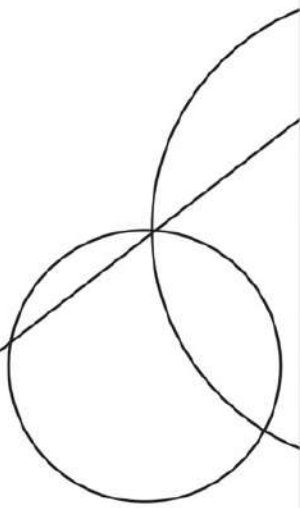
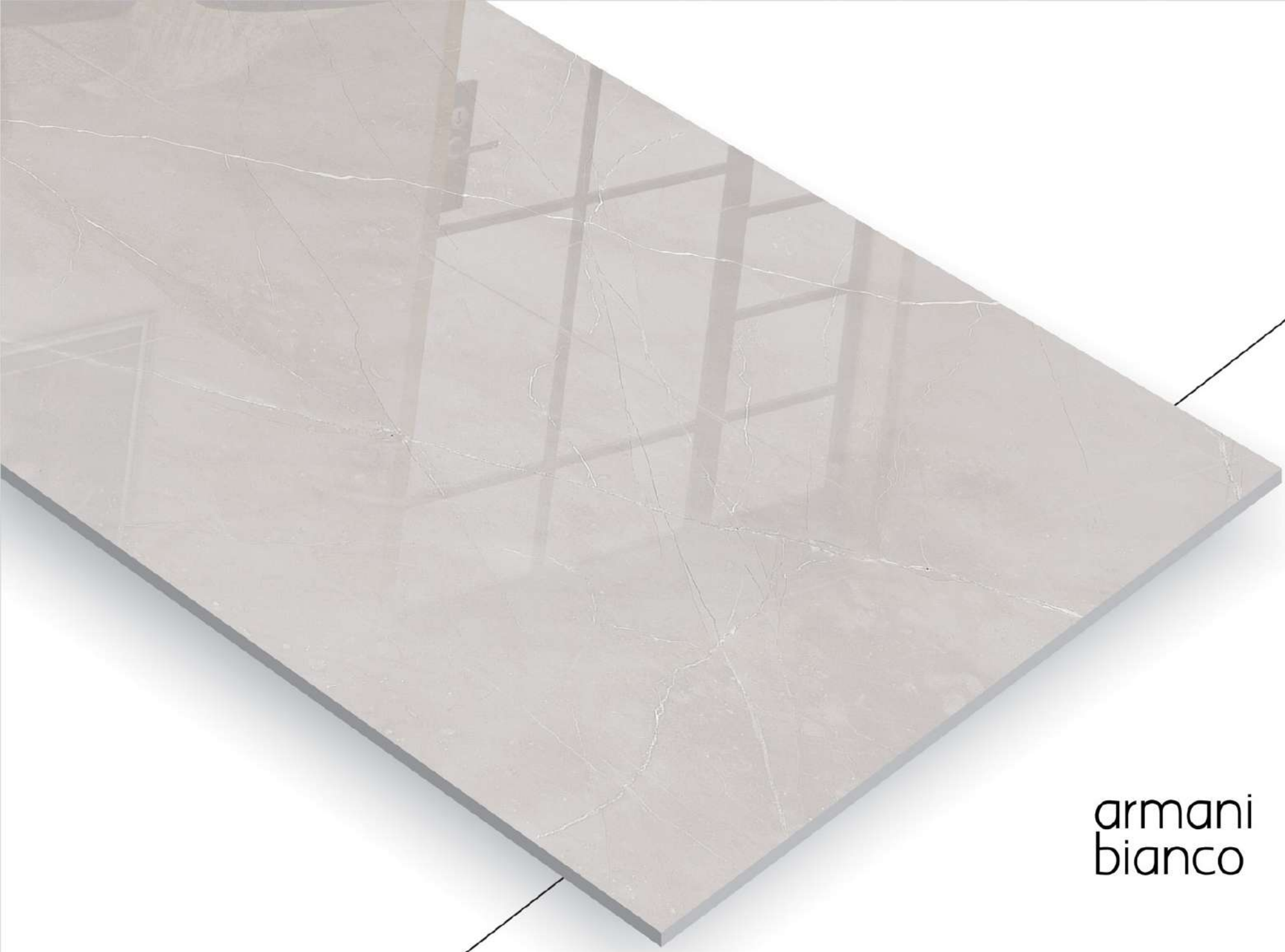
 ECO FRIENDLY

 RANDOM DESIGN

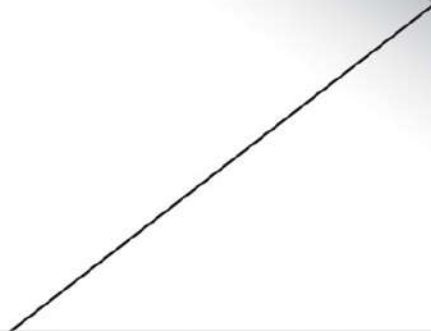
 LOW MAINTENANCE



armani
graphite



armani
bianco




armani bianco

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

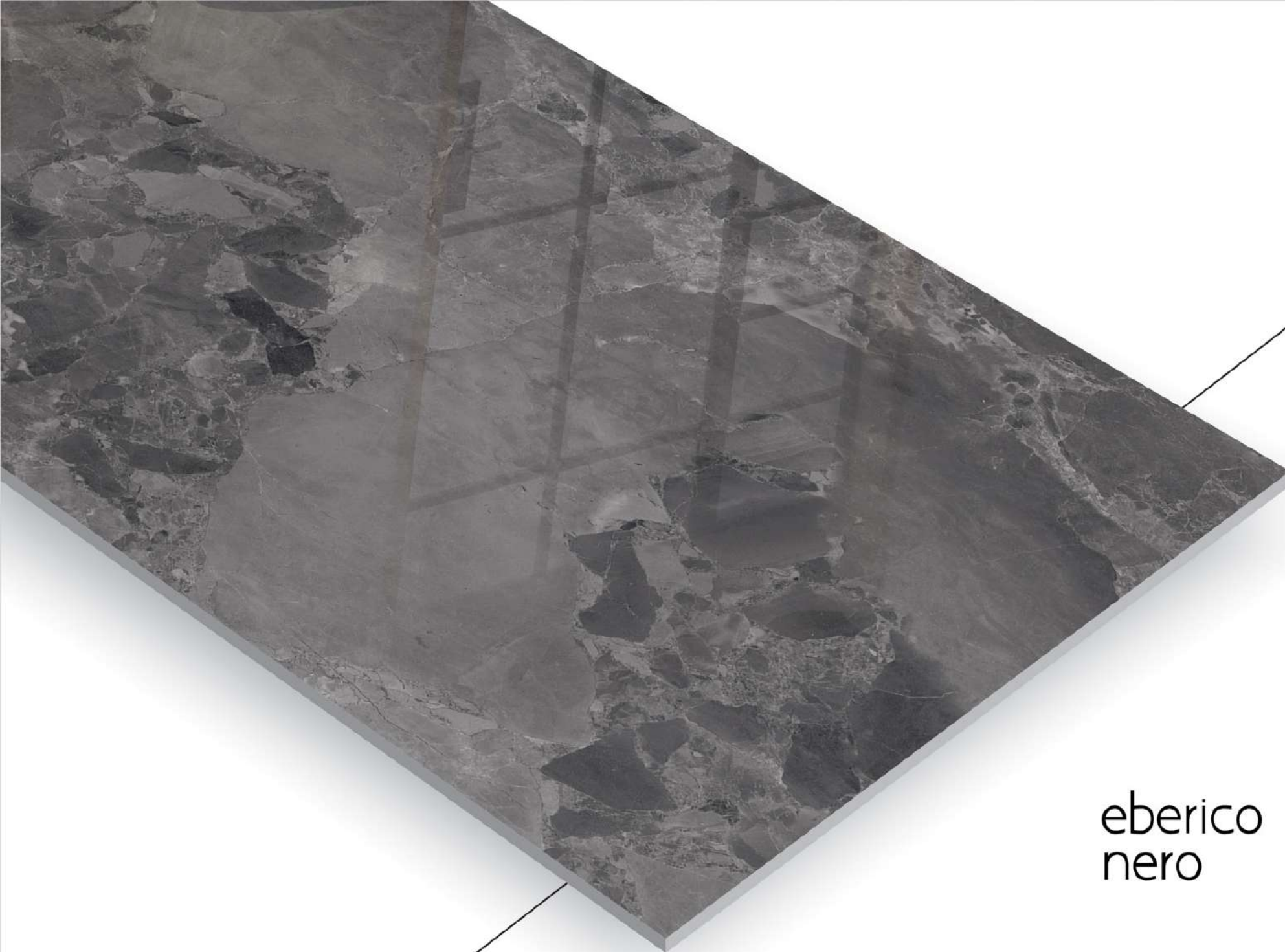
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



armani
bianco



eberico
nero




eberico nero

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

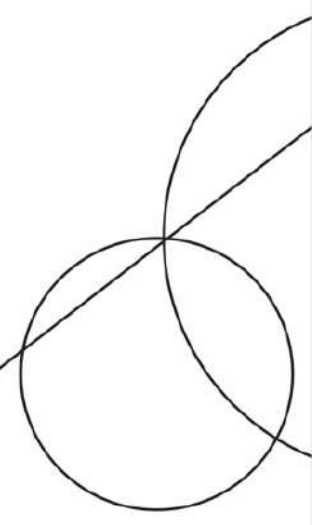
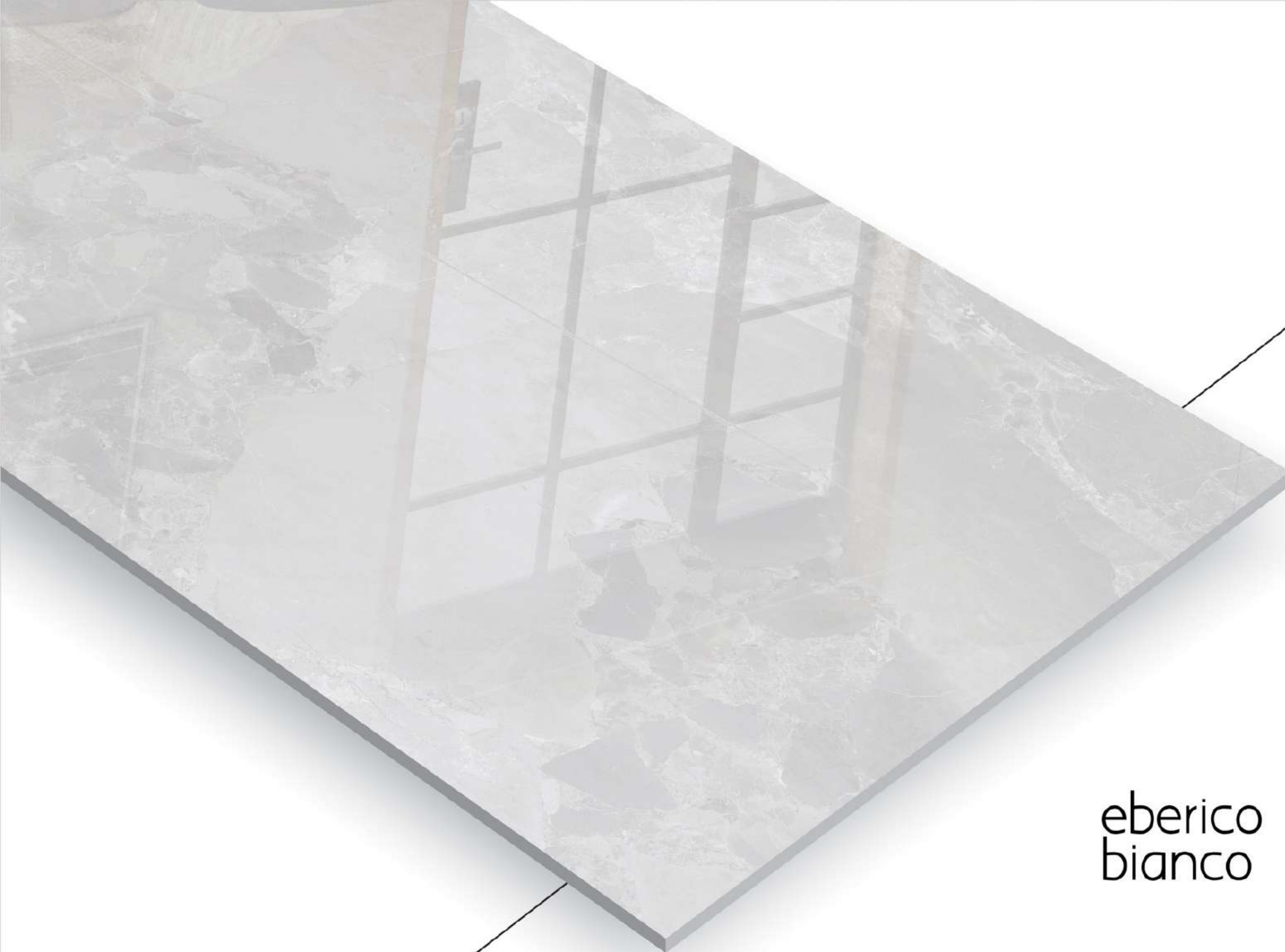
 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



eberico
nero



eberico
bianco






eberico bianco

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

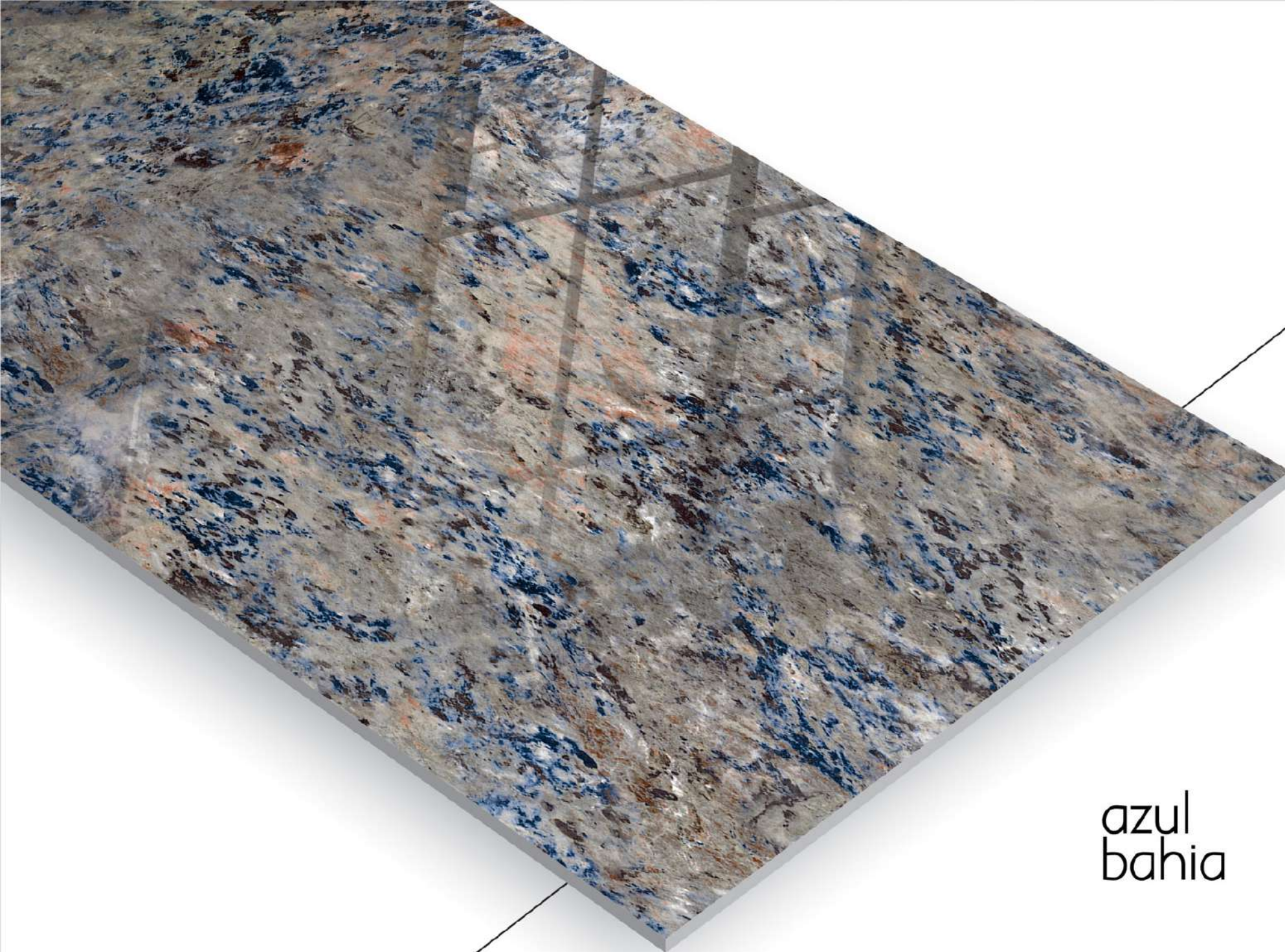
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 RANDOM DESIGN

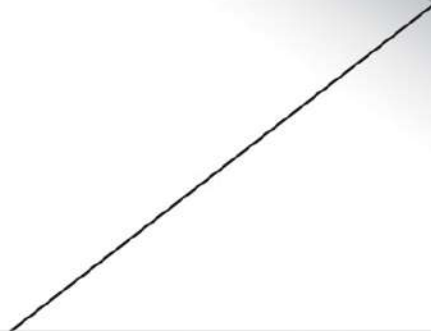
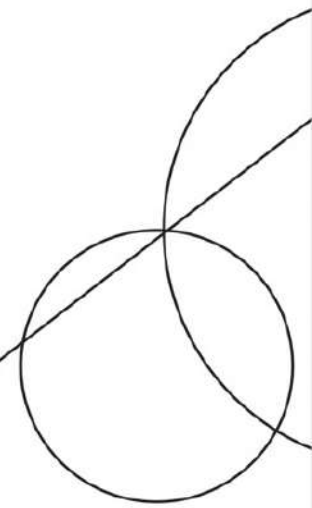
 LOW MAINTENANCE

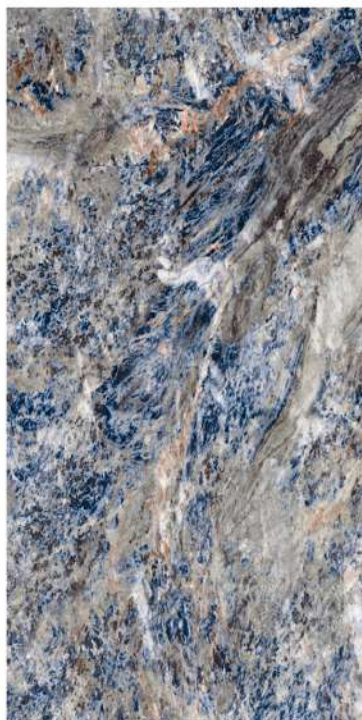


eberico
bianco



azul
bahia





azul bahia

**80x
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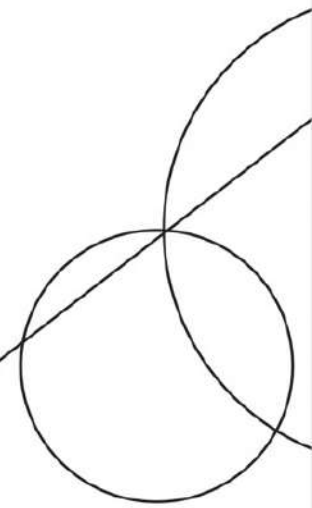
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 ECO FRIENDLY

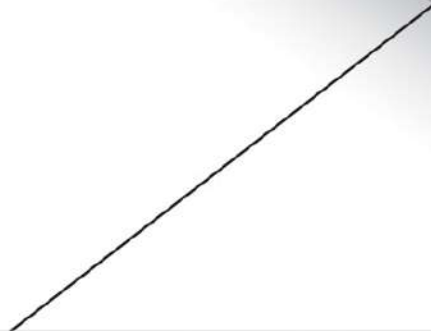
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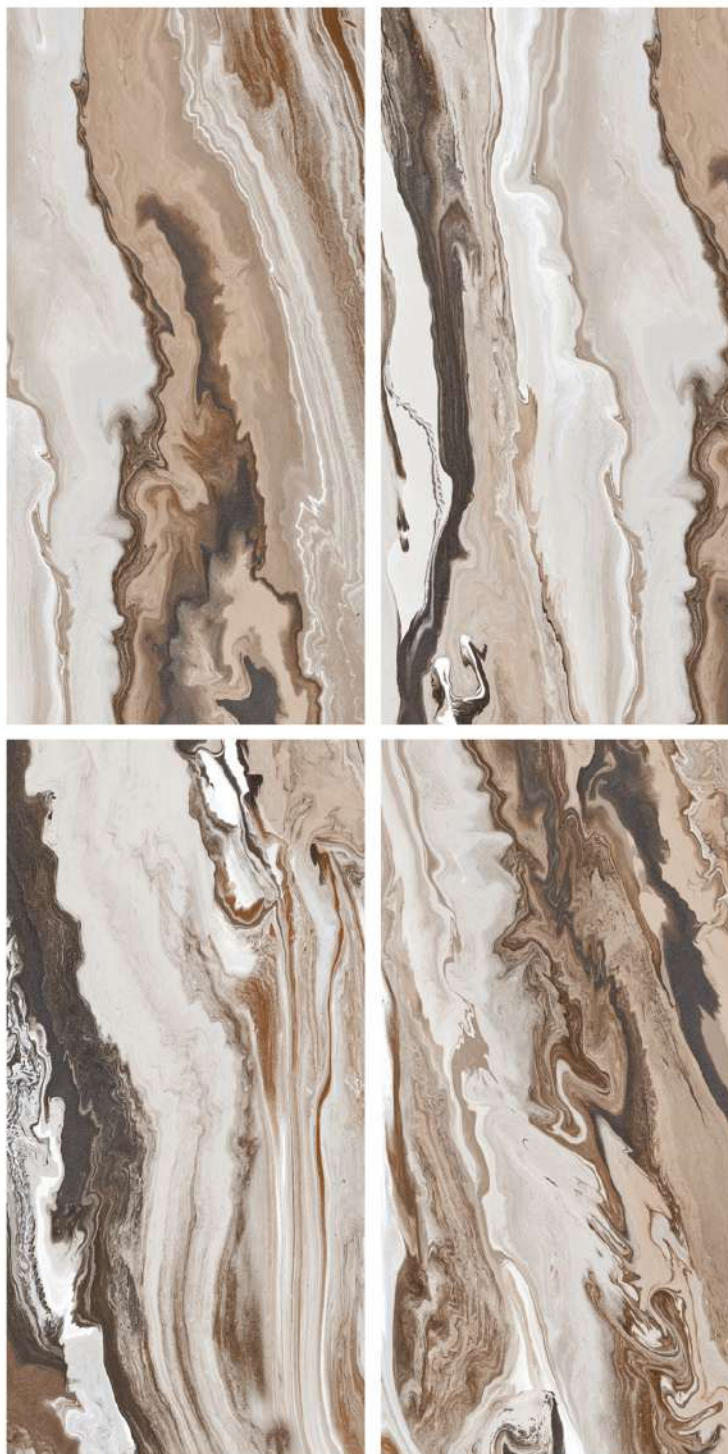
 LOW MAINTENANCE





liquido
taupe






liquido taupe

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



 HIGH STRENGTH

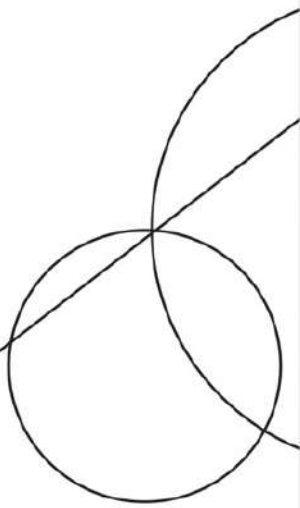
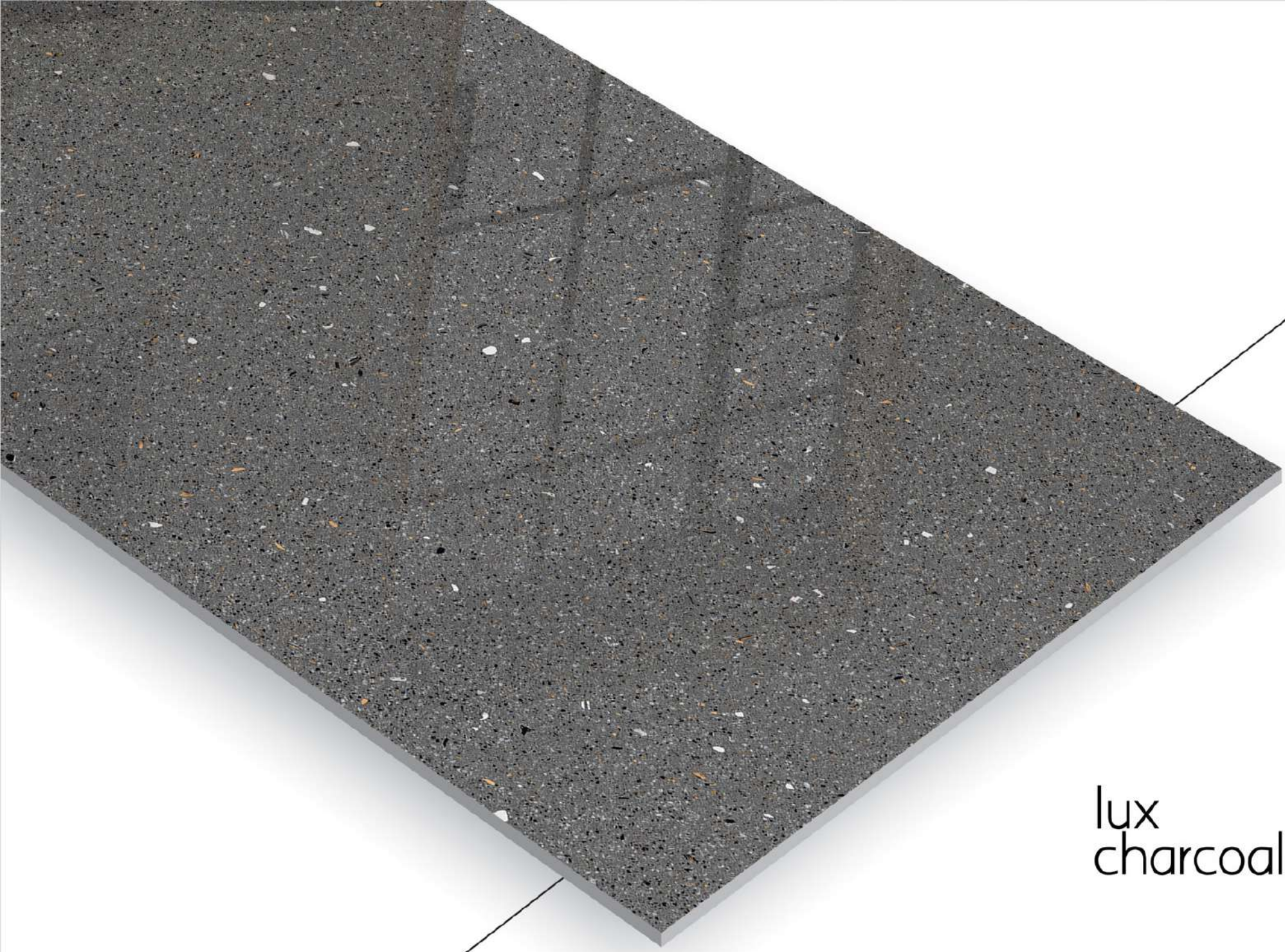
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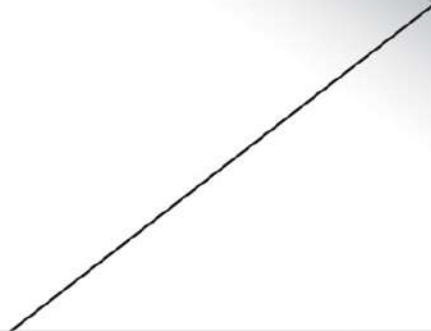
 LOW MAINTENANCE

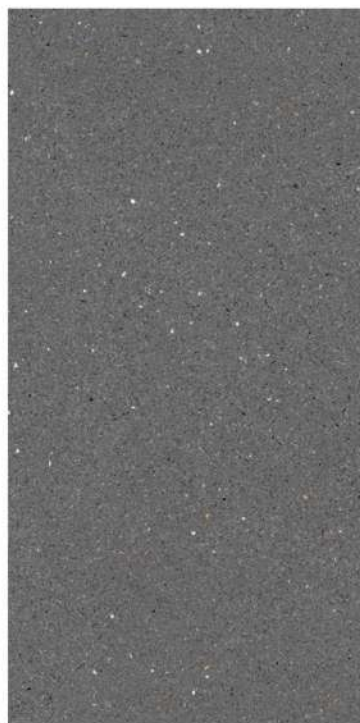
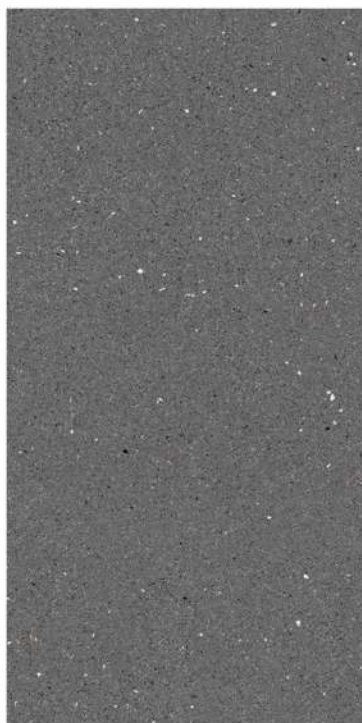
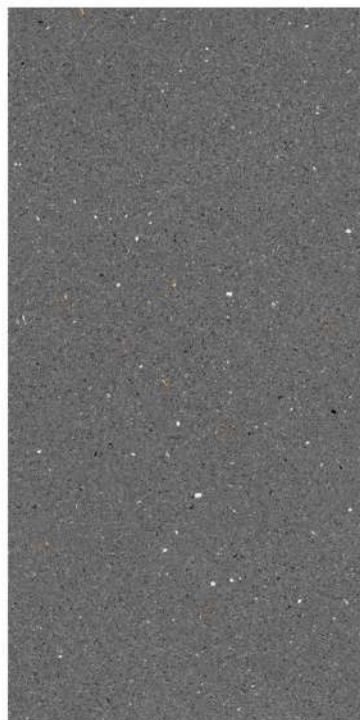
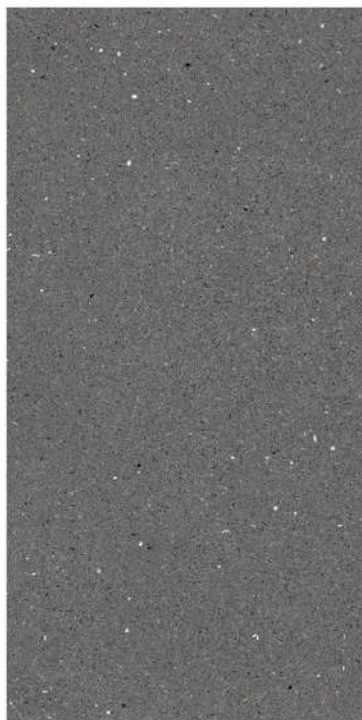


liquido
taupe



lux
charcoal





lux charcoal

**80x
160cm**



 Thickness : **0.9cm**


 Finish: **GLOSSY**



 HIGH STRENGTH

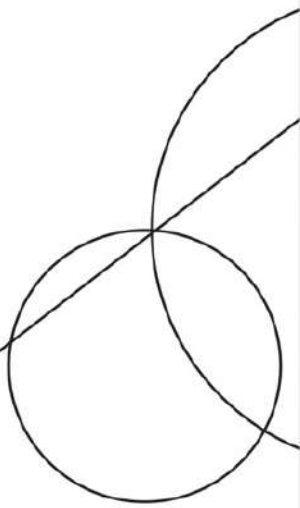
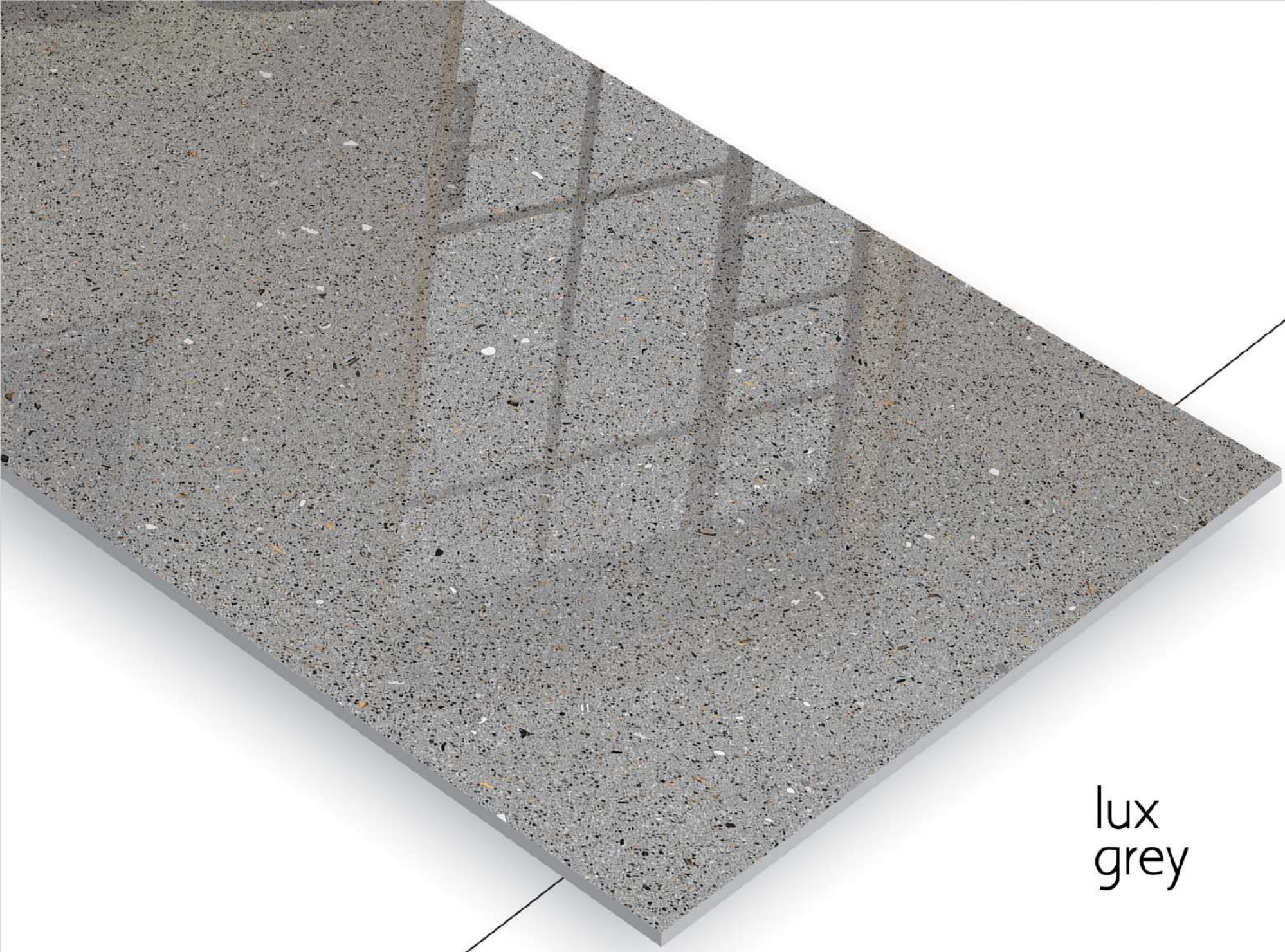
 ECO FRIENDLY

 RANDOM DESIGN

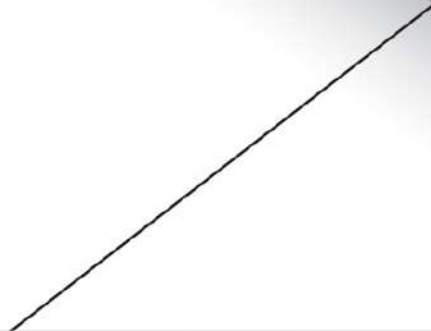
 LOW MAINTENANCE

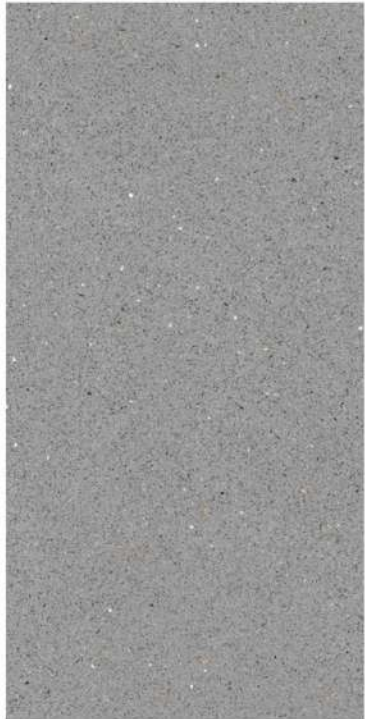
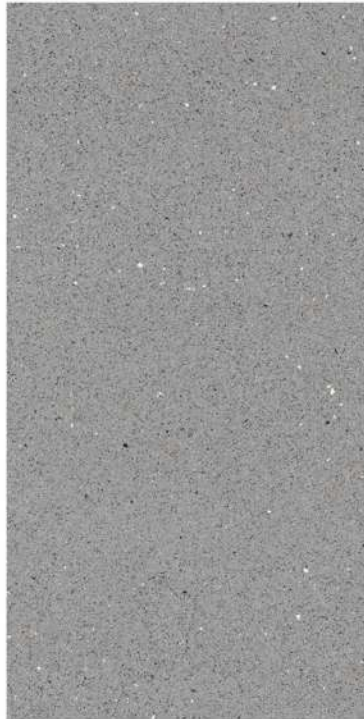
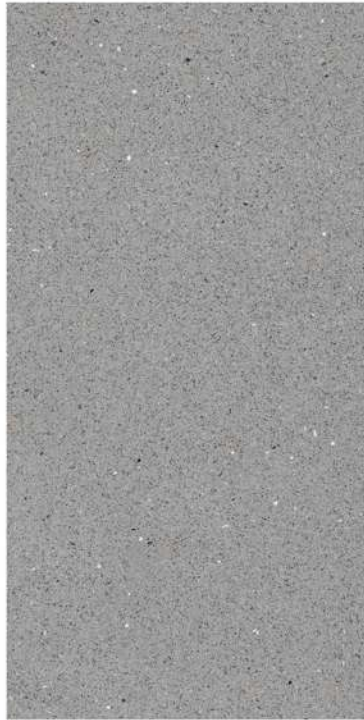


lux smoke &
lux charcoal



lux
grey






lux
grey

80x
160cm



 Thickness : **0.9cm**

 Finish: **GLOSSY**



 HIGH STRENGTH

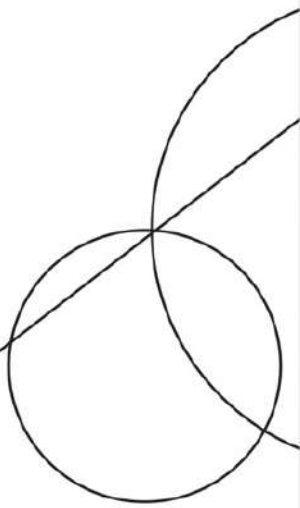
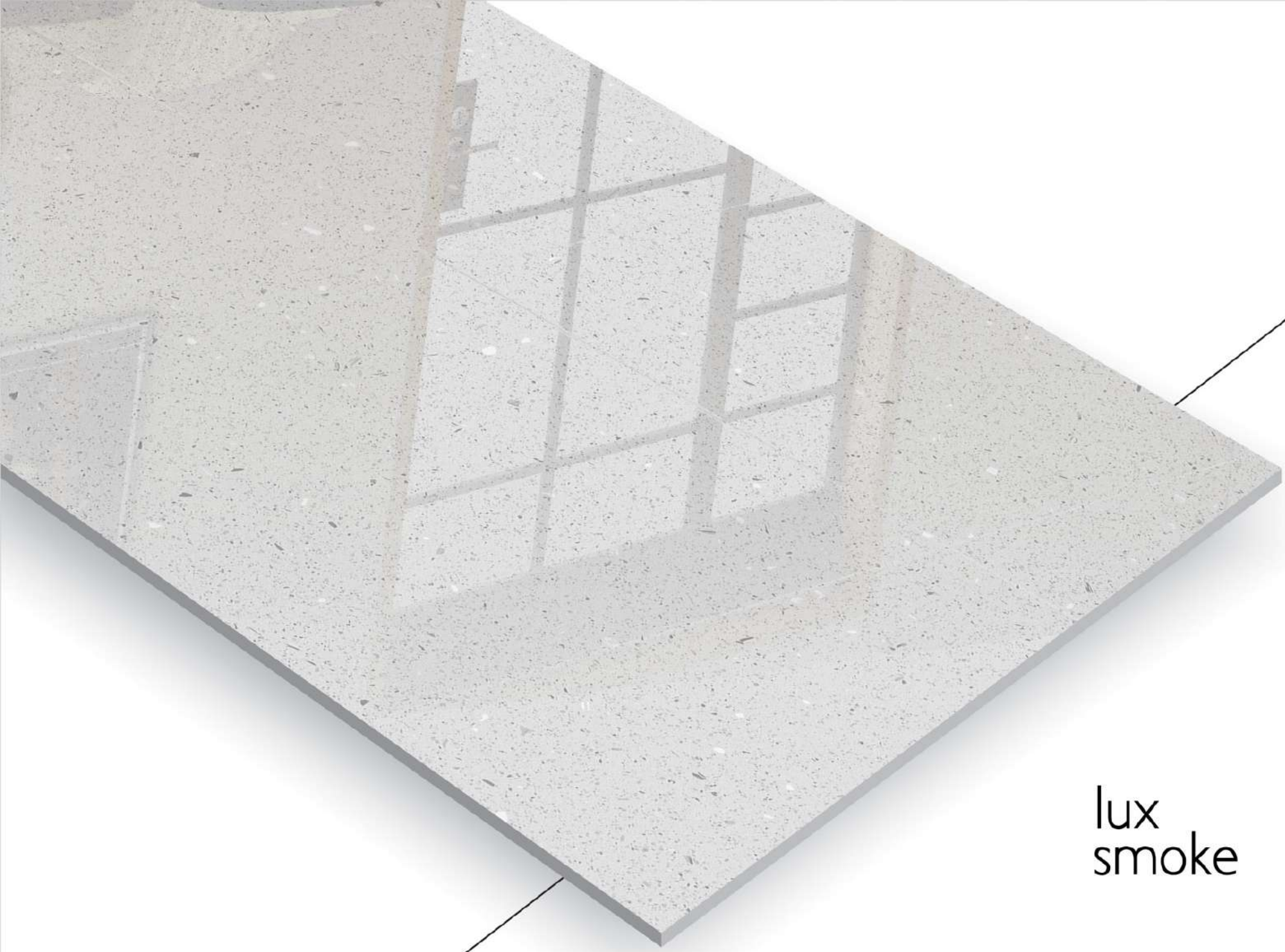
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 RANDOM DESIGN

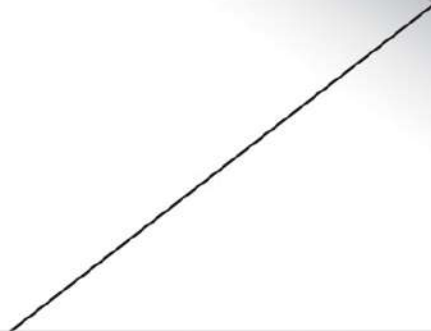
 LOW MAINTENANCE



lux
grey



lux
smoke




lux smoke

**80x
160cm**



 Thickness : **0.9cm**

 Finish: **GLOSSY**



 HIGH STRENGTH

 ECO FRIENDLY

 RANDOM DESIGN

 LOW MAINTENANCE



lux smoke &
lux charcoal

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	80x160 cm	09cm	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

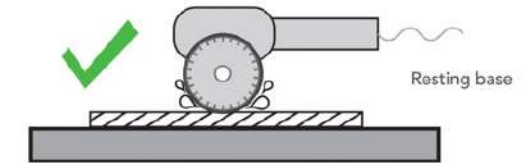
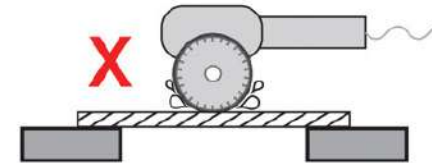
As long as the technical capacity of the cutting machine allows it, it is advisable to finish all the cuts towards the edge of the slab and avoid all the endings at the central area of the slab.

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

