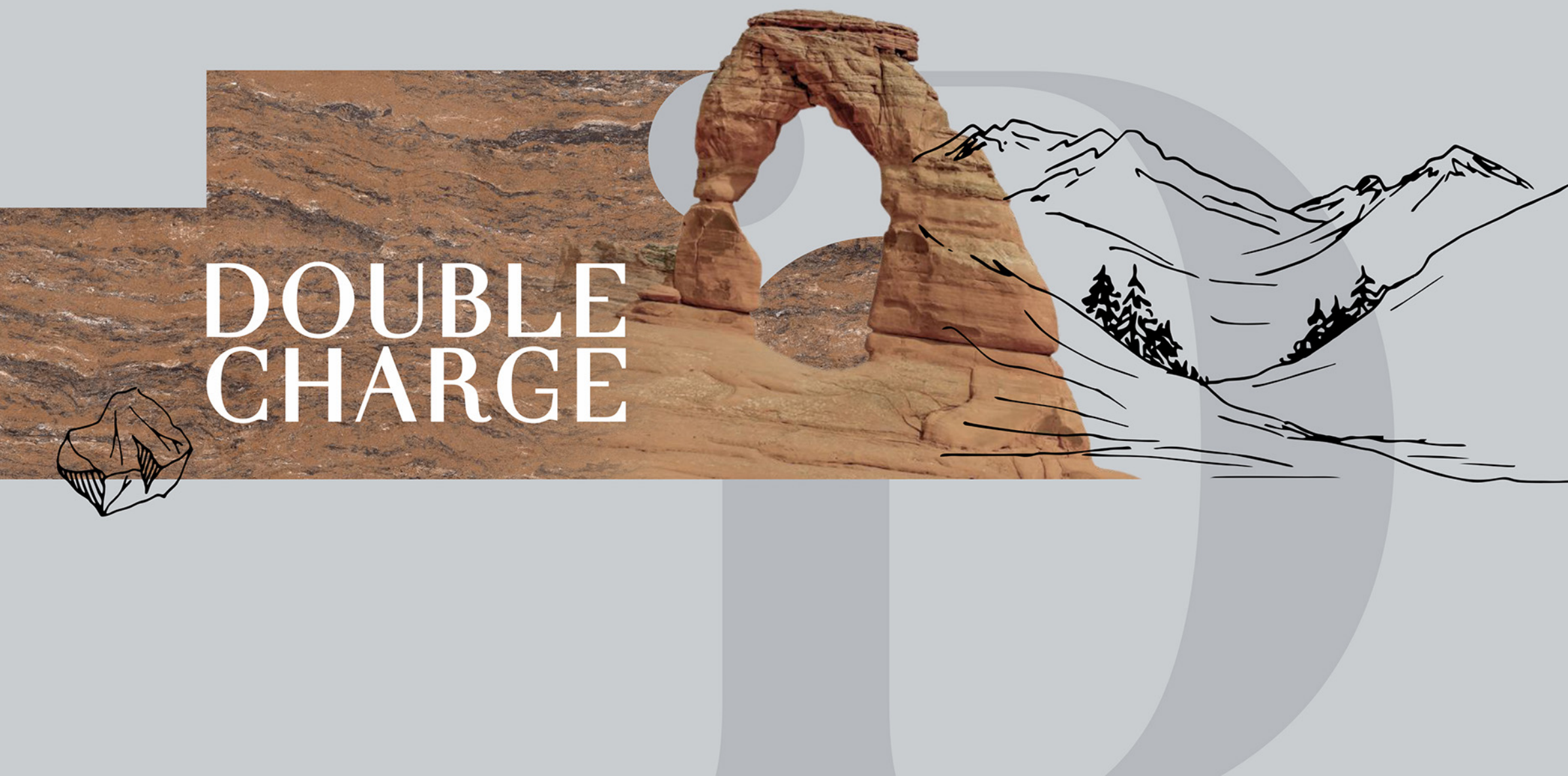


600x1200mm

Double Charge Series in PGVT

The background of the advertisement is a composite image. On the left, there is a close-up photograph of a reddish-brown ceramic tile with a textured, layered appearance. On the right, there is a black and white line drawing of a desert landscape featuring a natural rock arch, snow-capped mountains, and a winding river. A large, faint, light-gray 'C' shape is overlaid on the entire background. In the bottom left corner, there is a small line drawing of a rock.

DOUBLE CHARGE

**DOUBLE
CHARGE**

**600x
1200mm**

AUGMENTED WITH TINSEL TEXTURES

**A high reflective surface displaying
the great panache and mellowness
for your decor.**

LIVE YOUR STYLE EVERY WHERE

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



ROYALTY OF MONUMENTAL RUINS

no design is more
beautiful than one
created by nature!

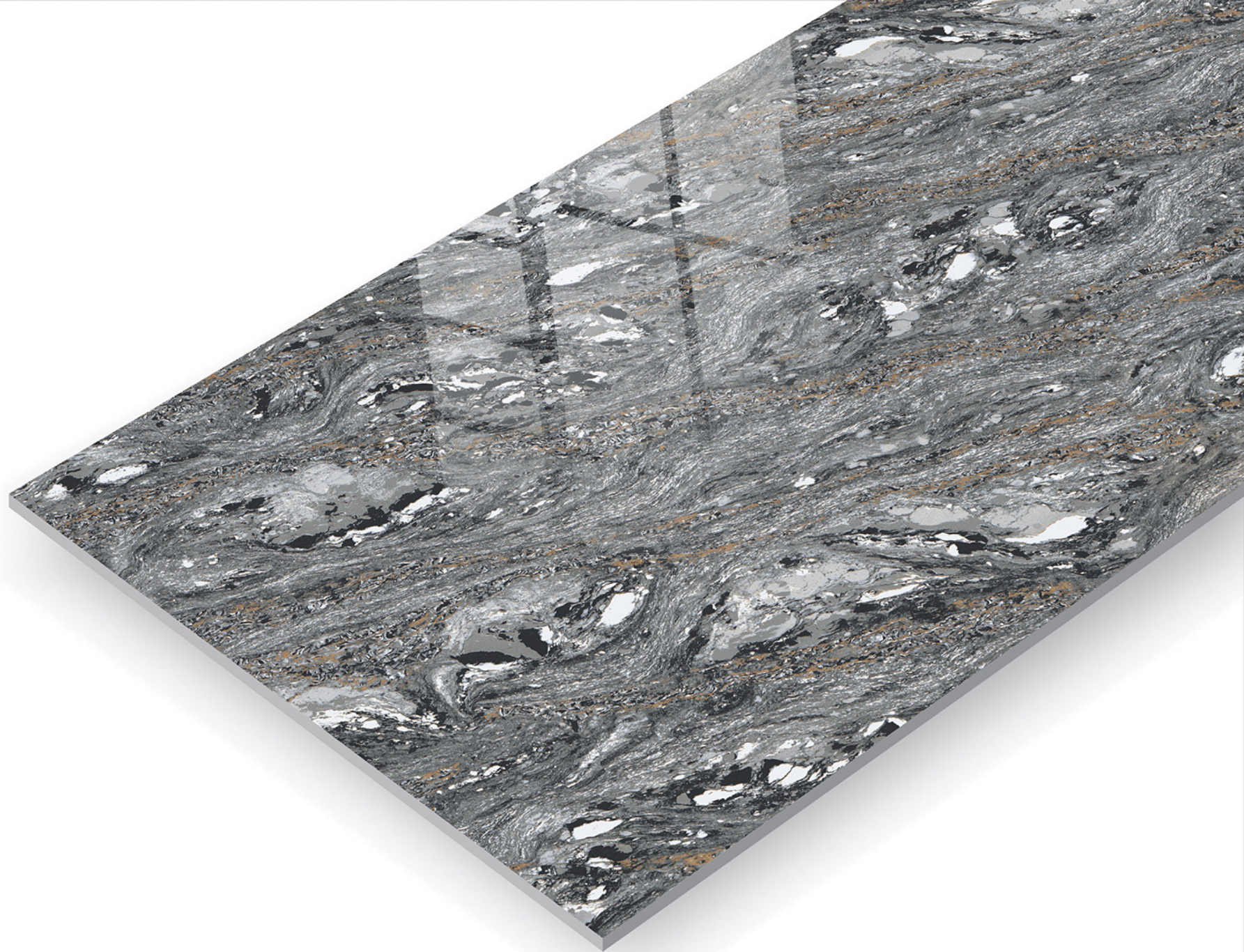
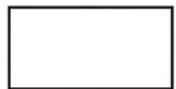
- ⬅ high strength
- 🌱 eco friendly
- 🎲 random design
- ⚡ low maintenance

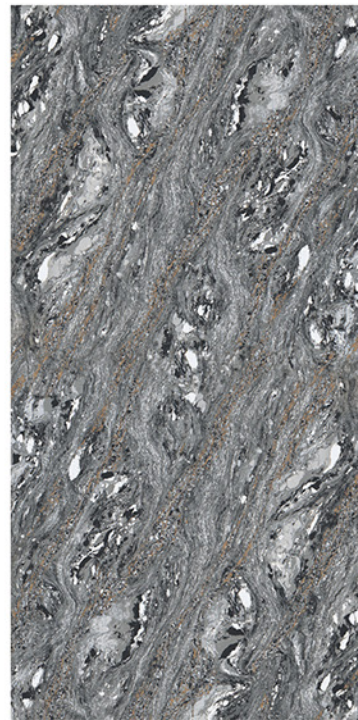
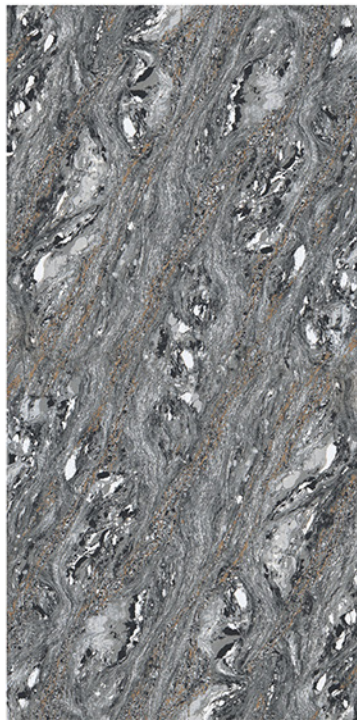
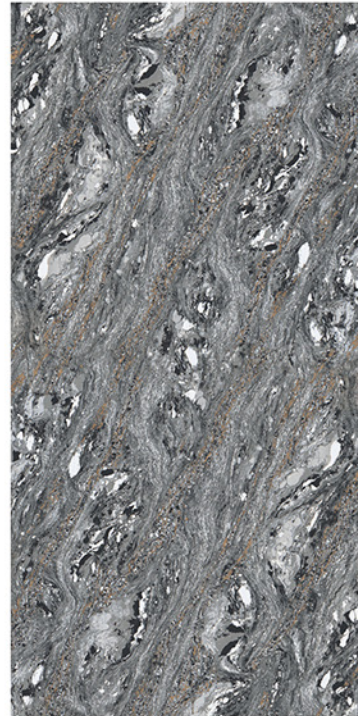
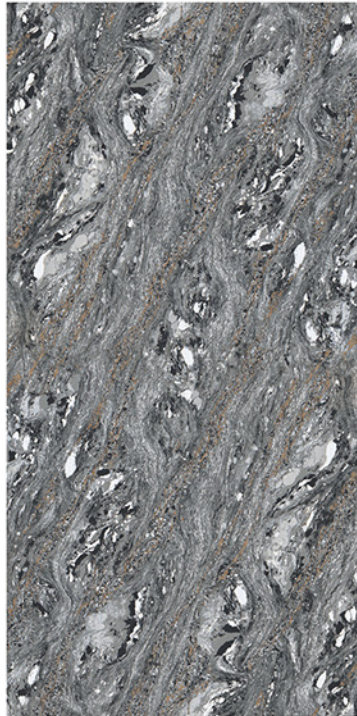
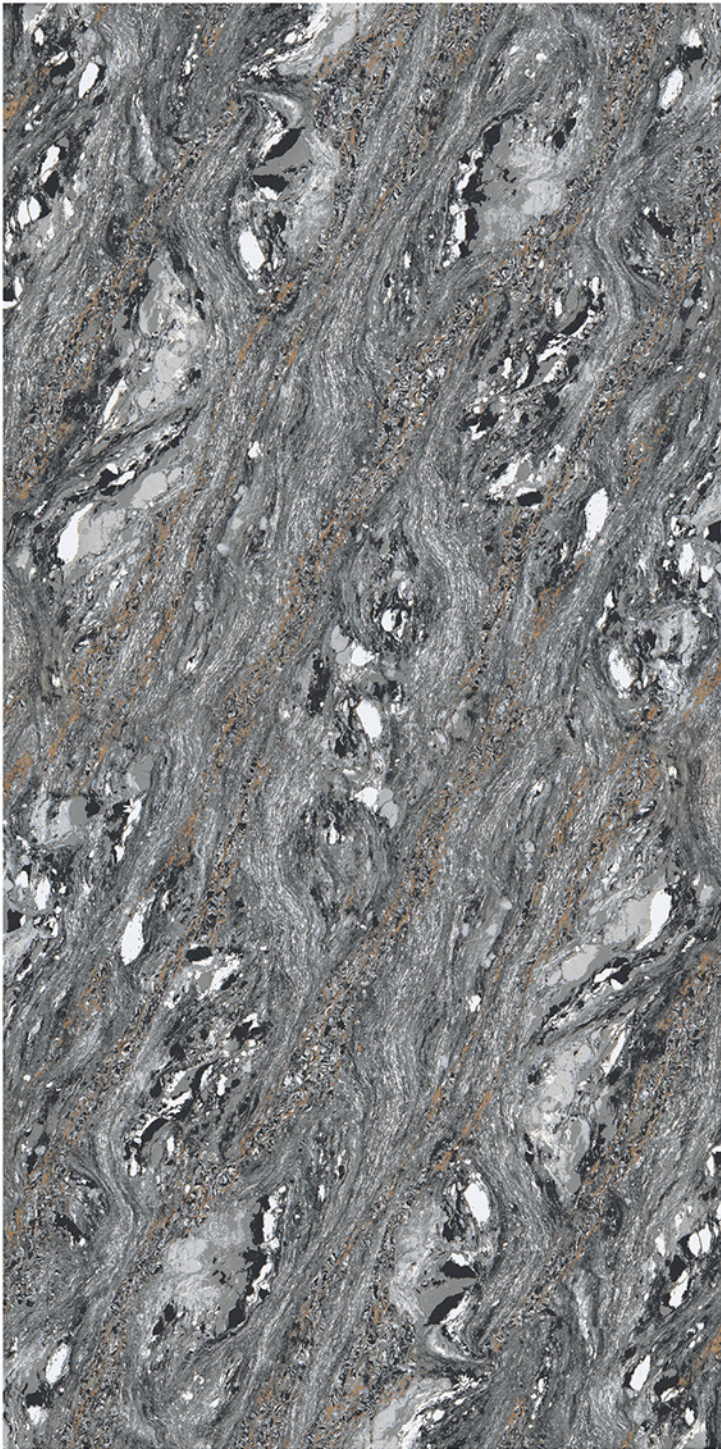




**desert
black**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**desert
black**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



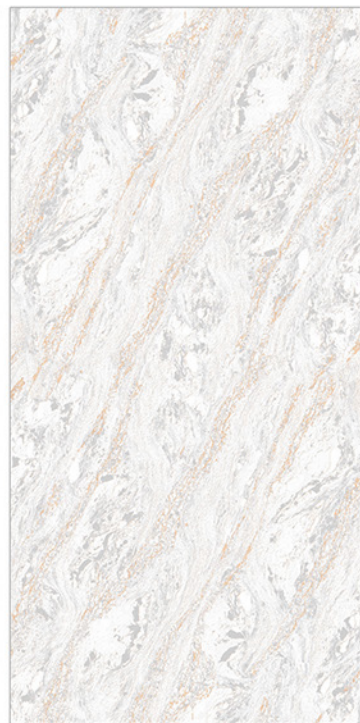
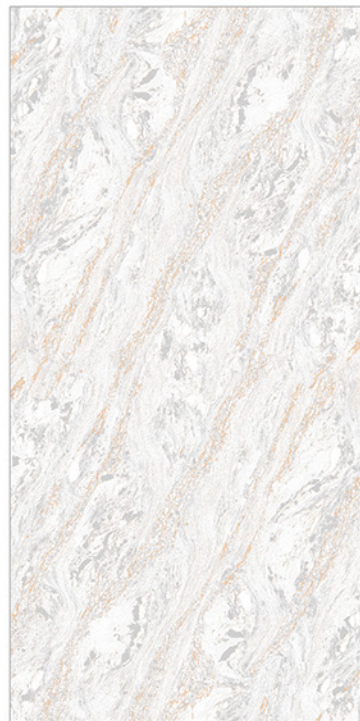
LOW MAINTENANCE



**desert
white**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**desert
white**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN

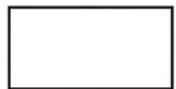


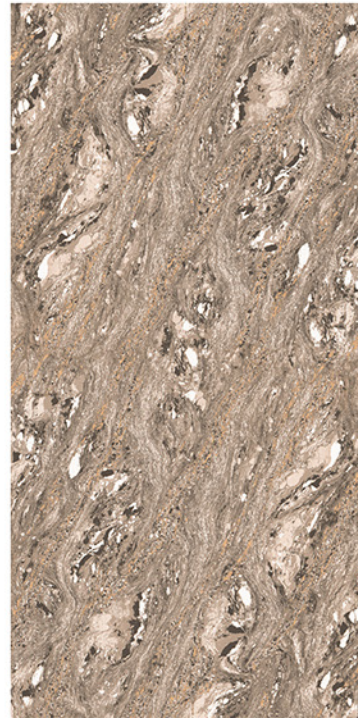
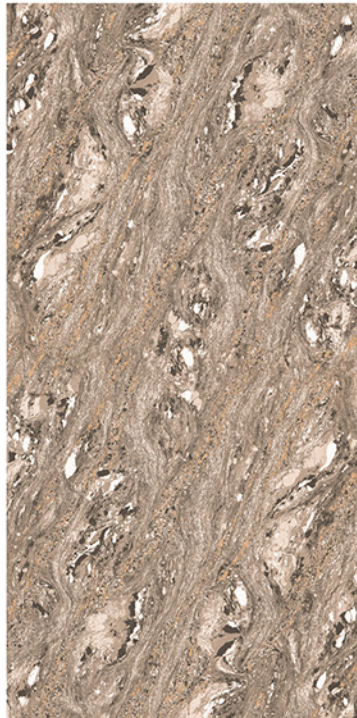
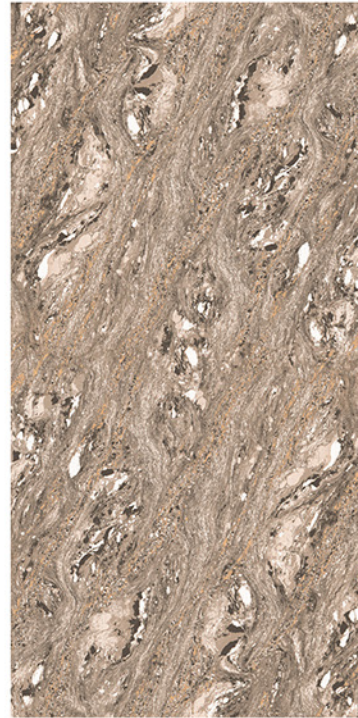
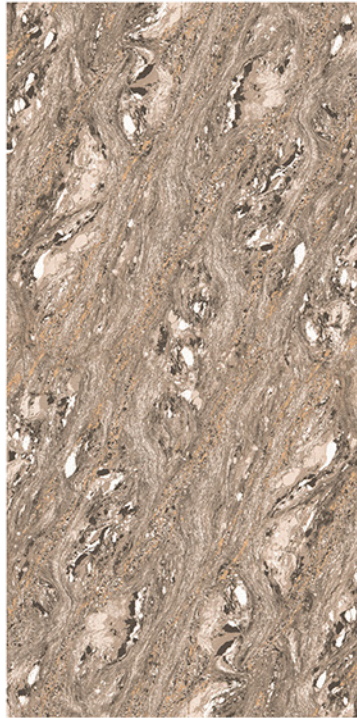
LOW MAINTENANCE



**desert
brown**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**desert
brown**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN

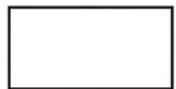


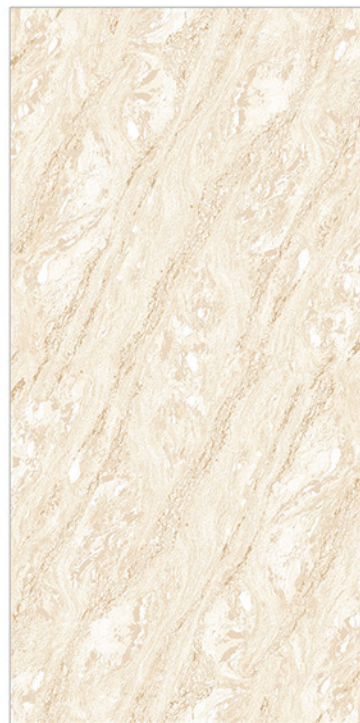
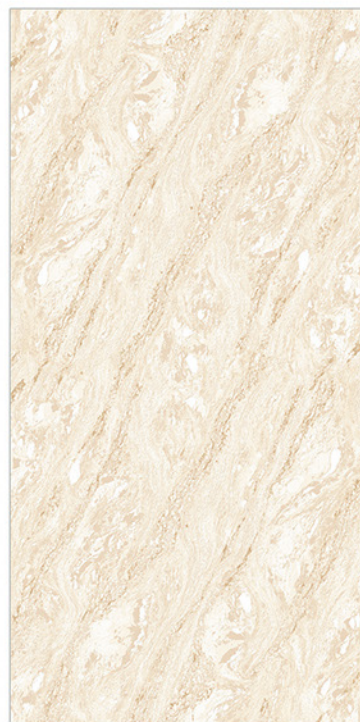
LOW MAINTENANCE



**desert
beige**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**desert
beige**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN

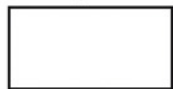


LOW MAINTENANCE

**eva
bianco**

**600x
1200mm**

Double
Charge





 **CLASSIC**
CERAMIC

**eva
bianco**

**600x
1200mm**
Double
Charge



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE

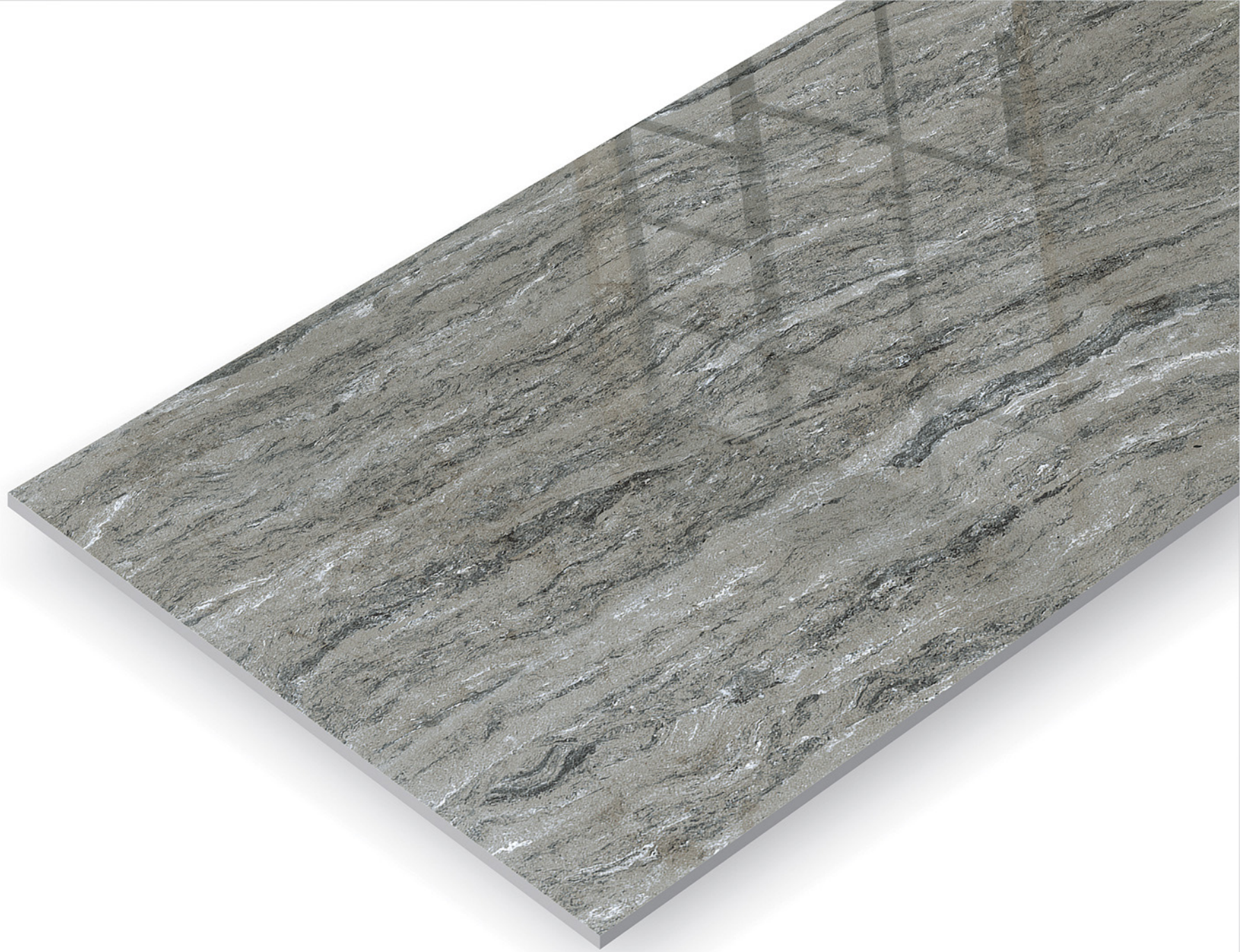
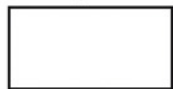


eva
bianco

**eva
grey**

**600x
1200mm**

Double
Charge





 **CLASSIC**
CERAMIC

**eva
grey**

**600x
1200mm**

Double
Charge



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



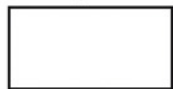
LOW MAINTENANCE



**eva
crema**

**600x
1200mm**

Double
Charge





 **CLASSIC**
CERAMIC

**eva
crema**

**600x
1200mm**

Double
Charge



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN

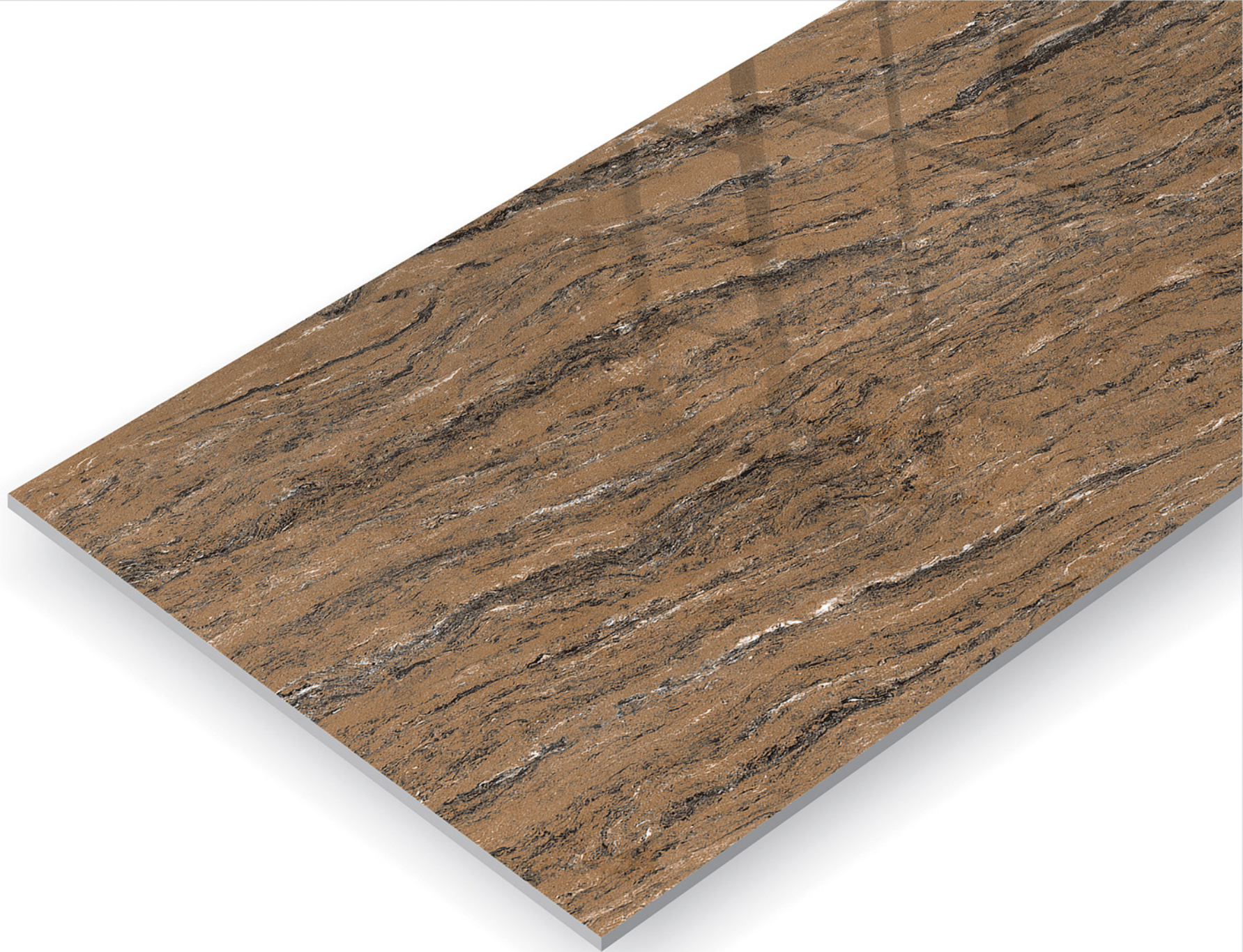
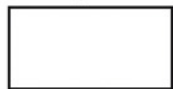


LOW MAINTENANCE

eva
choco

**600x
1200mm**

Double
Charge





 **CLASSIC**
CERAMIC

**eva
choco**

**600x
1200mm**

Double
Charge



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

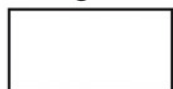
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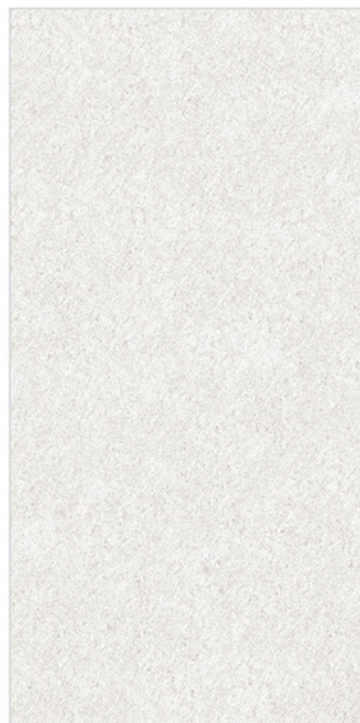
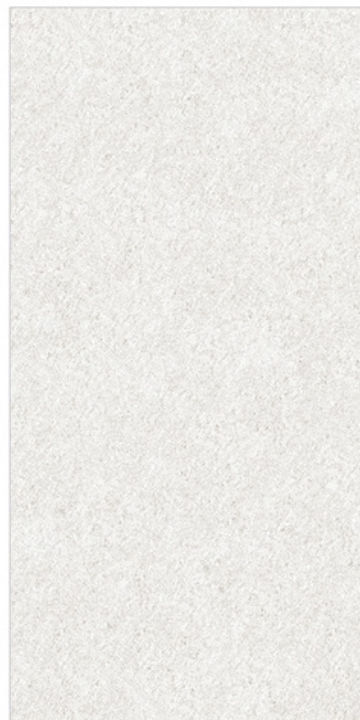
 LOW MAINTENANCE

**matrix
white**

**600x
1200mm**

Double
Charge





 **CLASSIC**
CERAMIC

**matrix
white**

**600x
1200mm**
Double
Charge



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE

**matrix
grey**

**600x
1200mm**

Double
Charge





 **CLASSIC**
CERAMIC

**matrix
grey**

**600x
1200mm**
Double
Charge



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

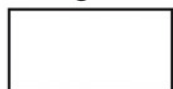
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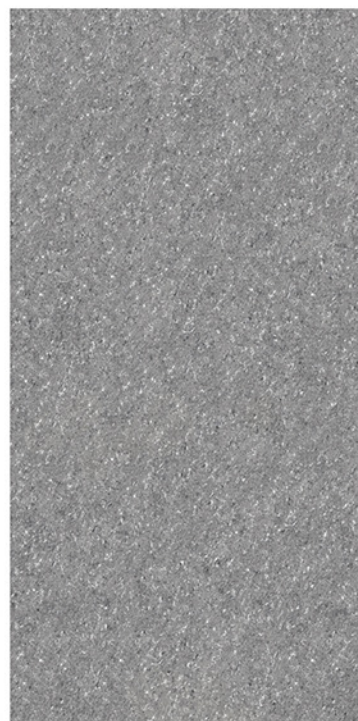
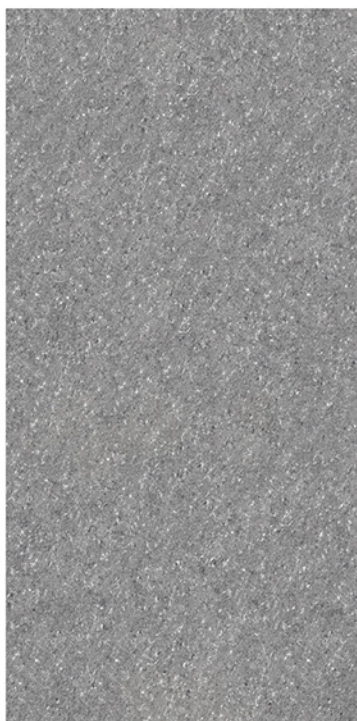
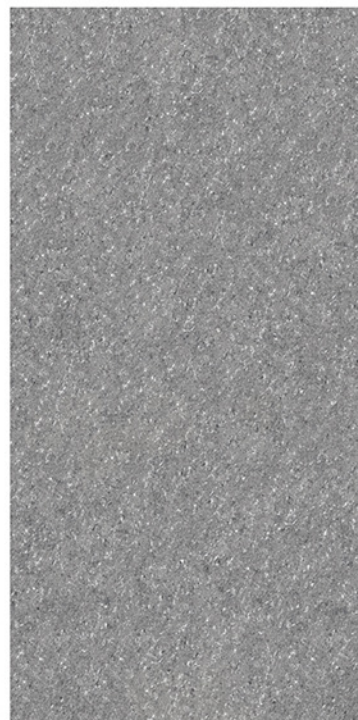
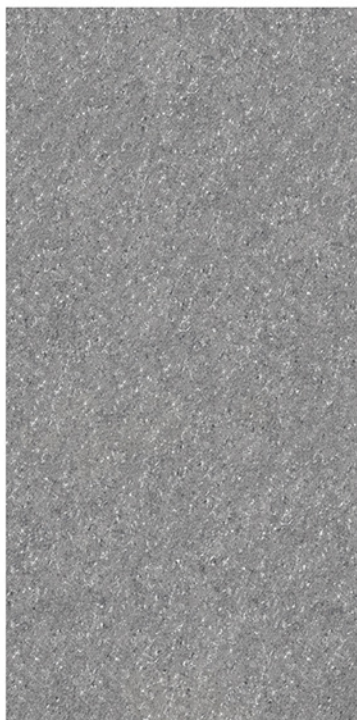
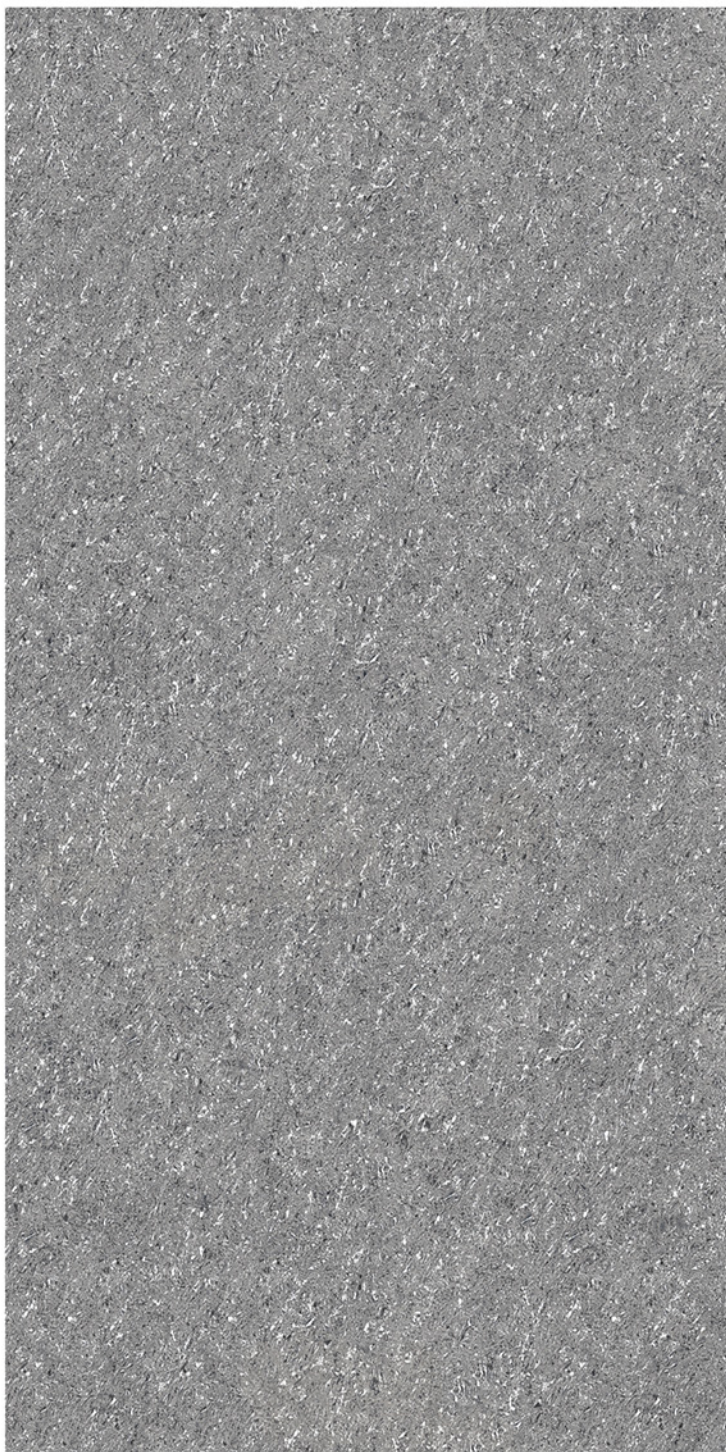
 LOW MAINTENANCE

**matrix
black**

**600x
1200mm**

Double
Charge





 **CLASSIC**
CERAMIC

**matrix
black**

**600x
1200mm**
Double
Charge



 Finish: **GLOSSY**

 HIGH STRENGTH

 ECO FRIENDLY

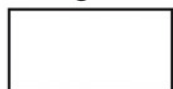
 RANDOM DESIGN

 LOW MAINTENANCE

**matrix
crema**

**600x
1200mm**

Double
Charge





 **CLASSIC**
CERAMIC

matrix crema

**600x
1200mm**

Double
Charge



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE

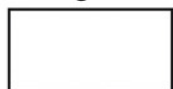


matrix
crema

**matrix
choco**

**600x
1200mm**

Double
Charge





 **CLASSIC**
CERAMIC

**matrix
choco**

**600x
1200mm**
Double
Charge



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



LOW MAINTENANCE



matrix
choco

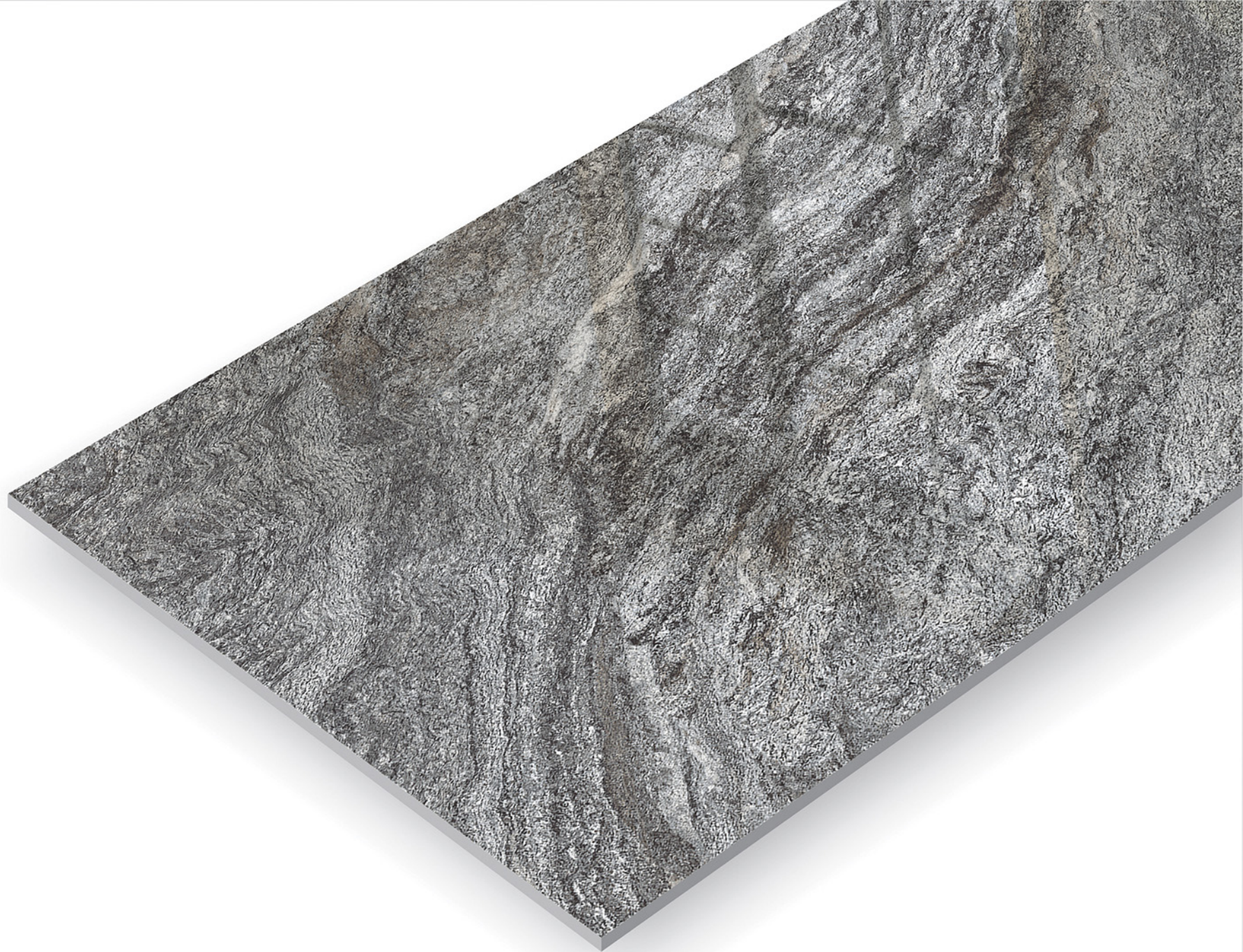
600x1200mm
Granite Series

Lemzon®
MAGNIFICAT SURFACE

GRANITE
SERIES

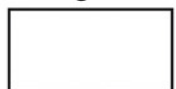


harmony
grey



**600x
1200mm**

Double
Charge





 **CLASSIC**
CERAMIC

harmony grey

**600x
1200mm**

Double
Charge



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN

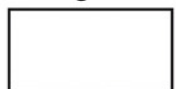


LOW MAINTENANCE

harmony
brown

**600x
1200mm**

Double
Charge





 **CLASSIC**
CERAMIC

harmony brown

**600x
1200mm**

Double
Charge



 Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY

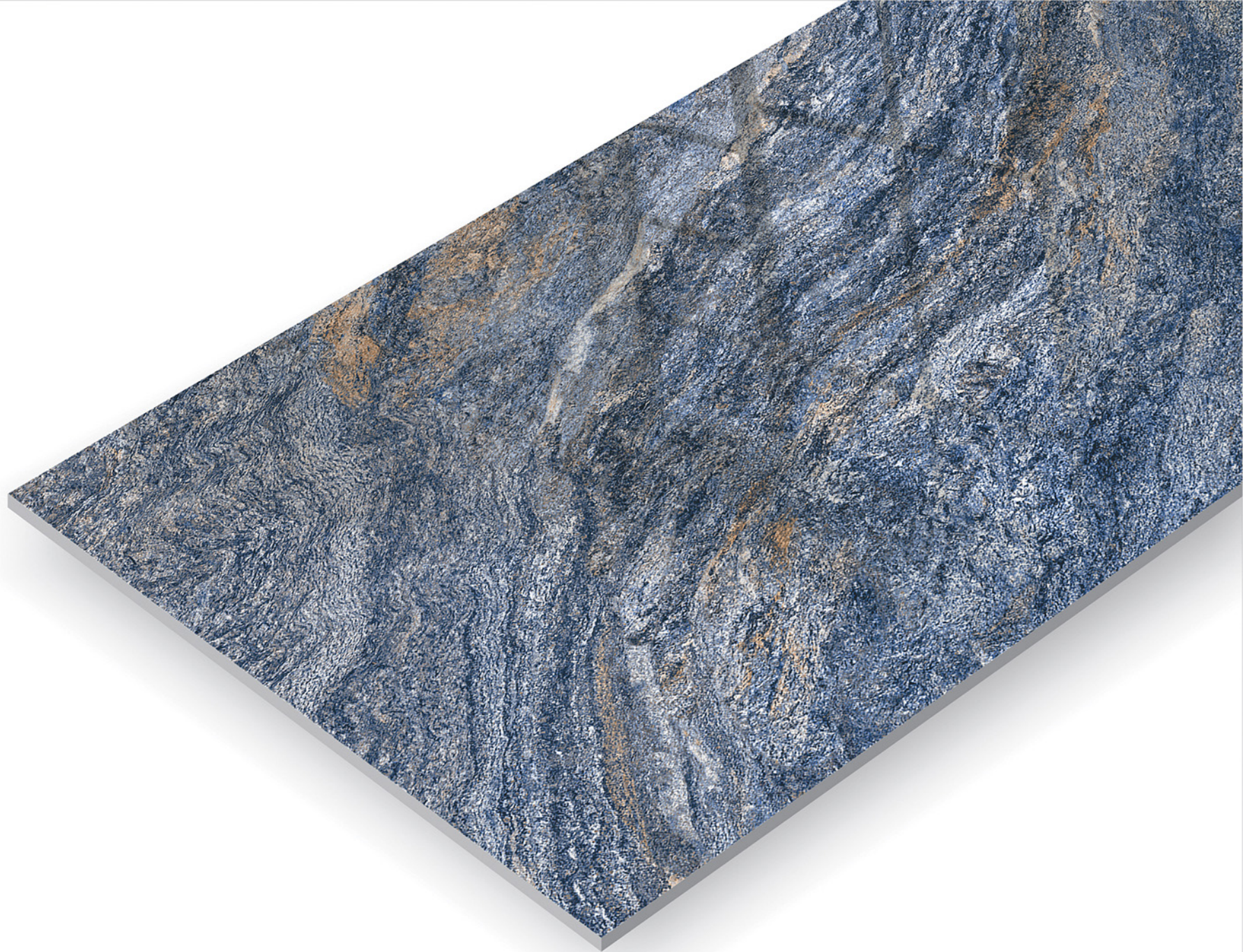


RANDOM DESIGN



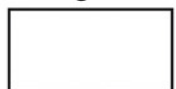
LOW MAINTENANCE

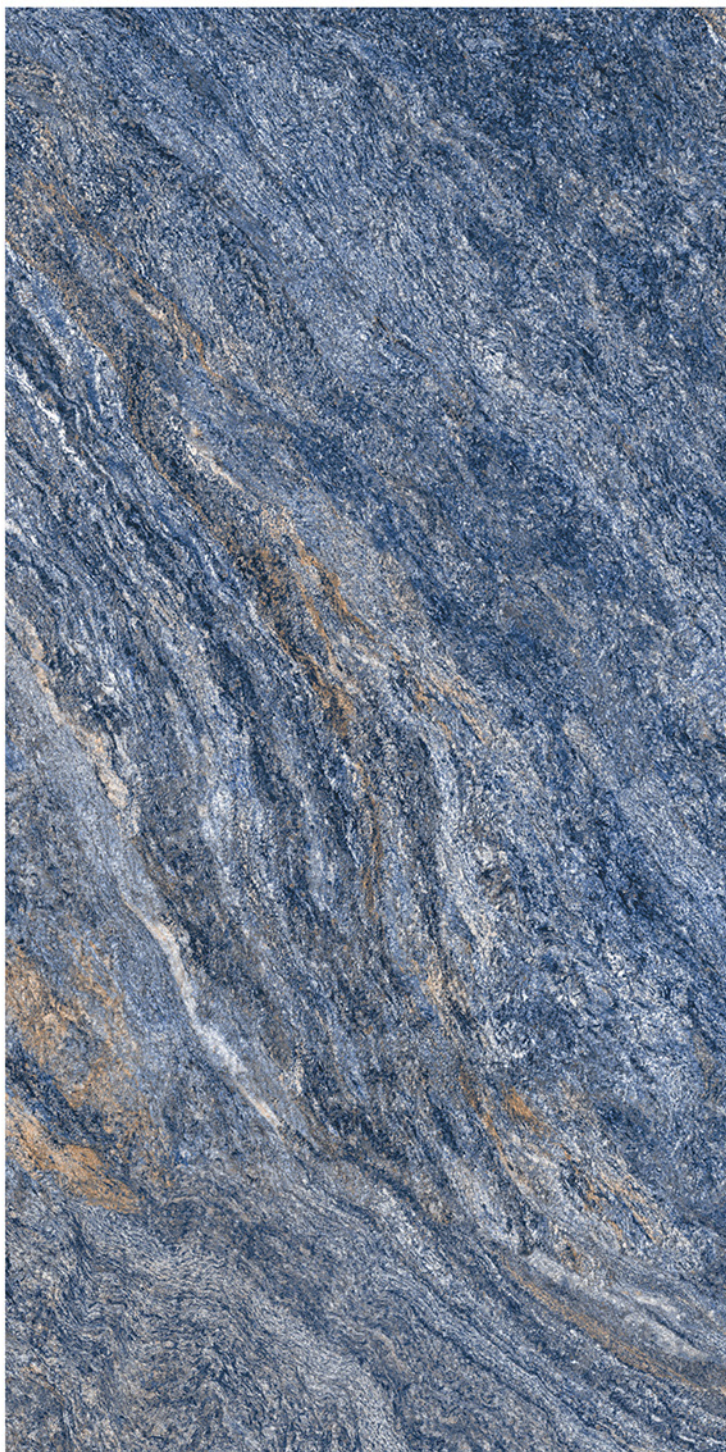
harmony
blue



**600x
1200mm**

Double
Charge





 **CLASSIC**
CERAMIC

harmony blue

**600x
1200mm**

Double
Charge



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



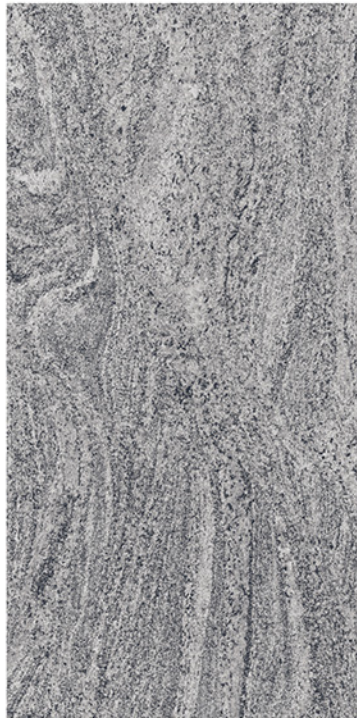
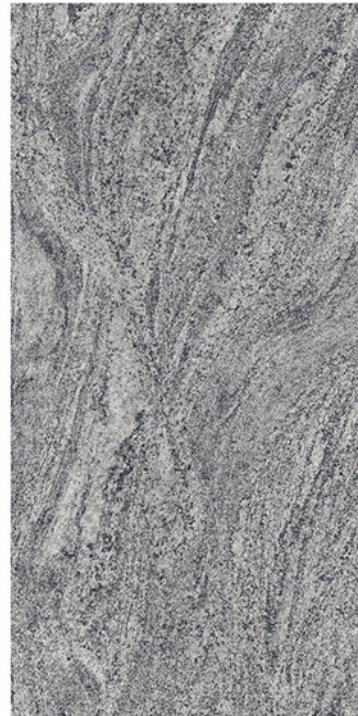
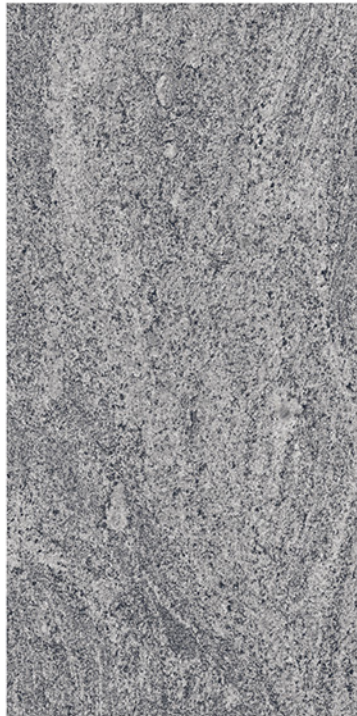
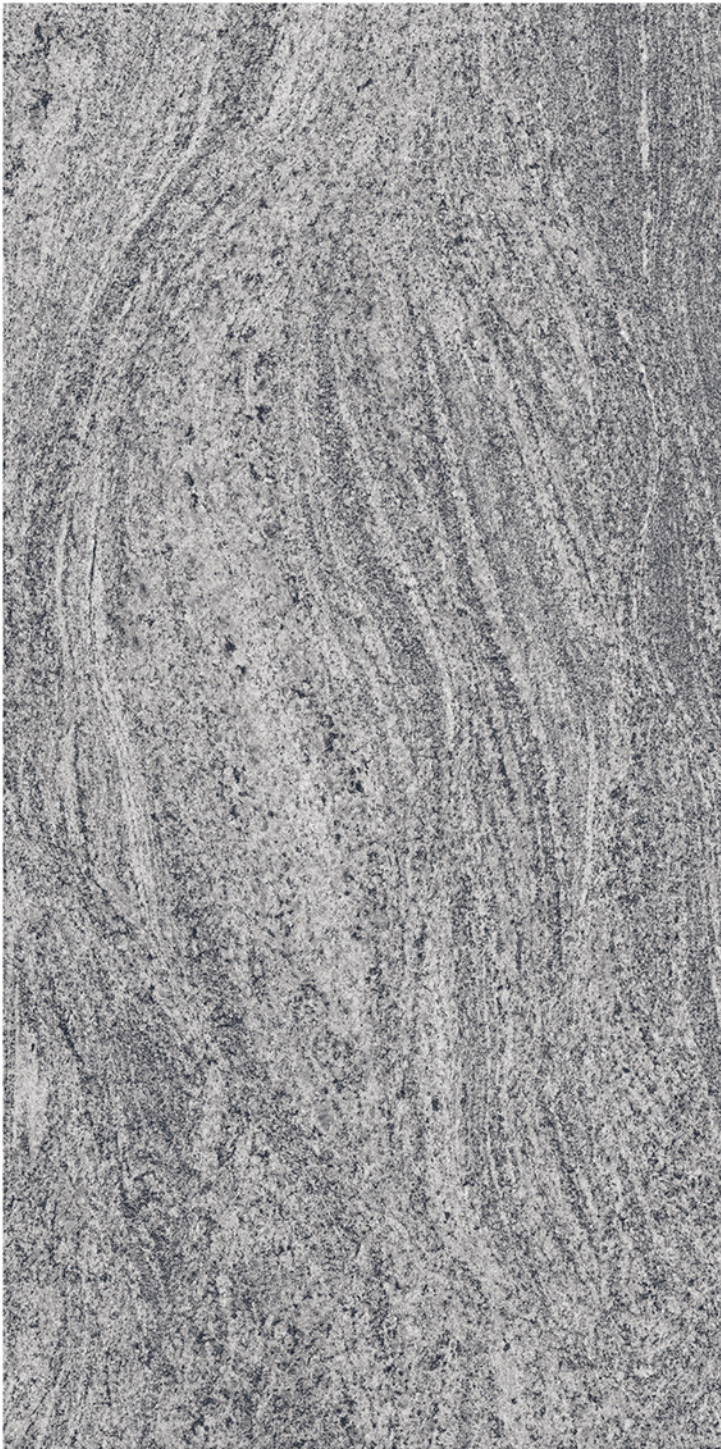
LOW MAINTENANCE



**granite
grey**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**granite
grey**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN



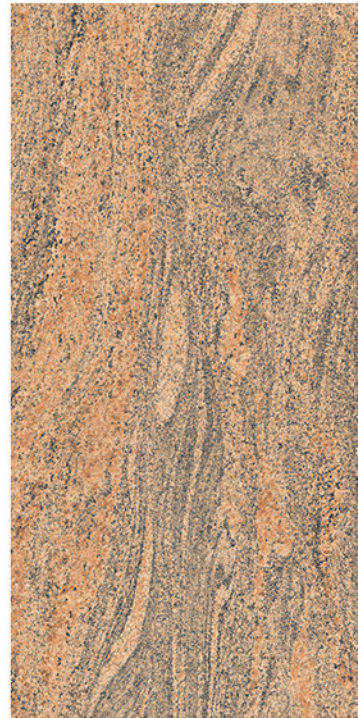
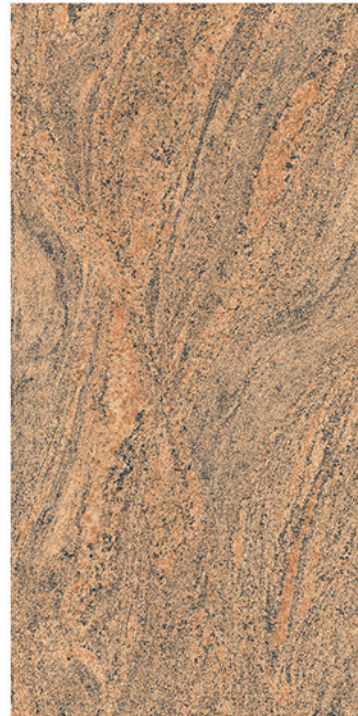
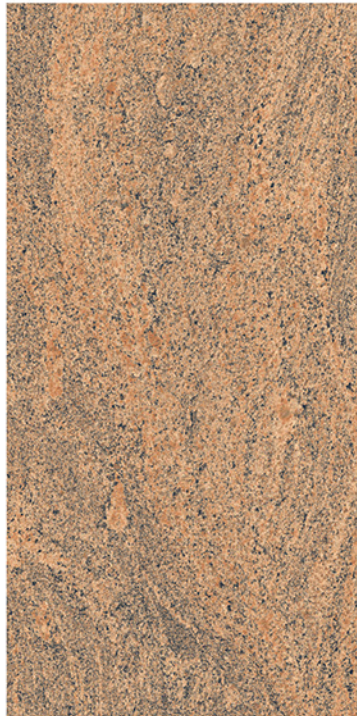
LOW MAINTENANCE



**granite
gold**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**granite
gold**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN

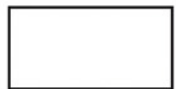


LOW MAINTENANCE



**granite
coffee**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**granite
coffee**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



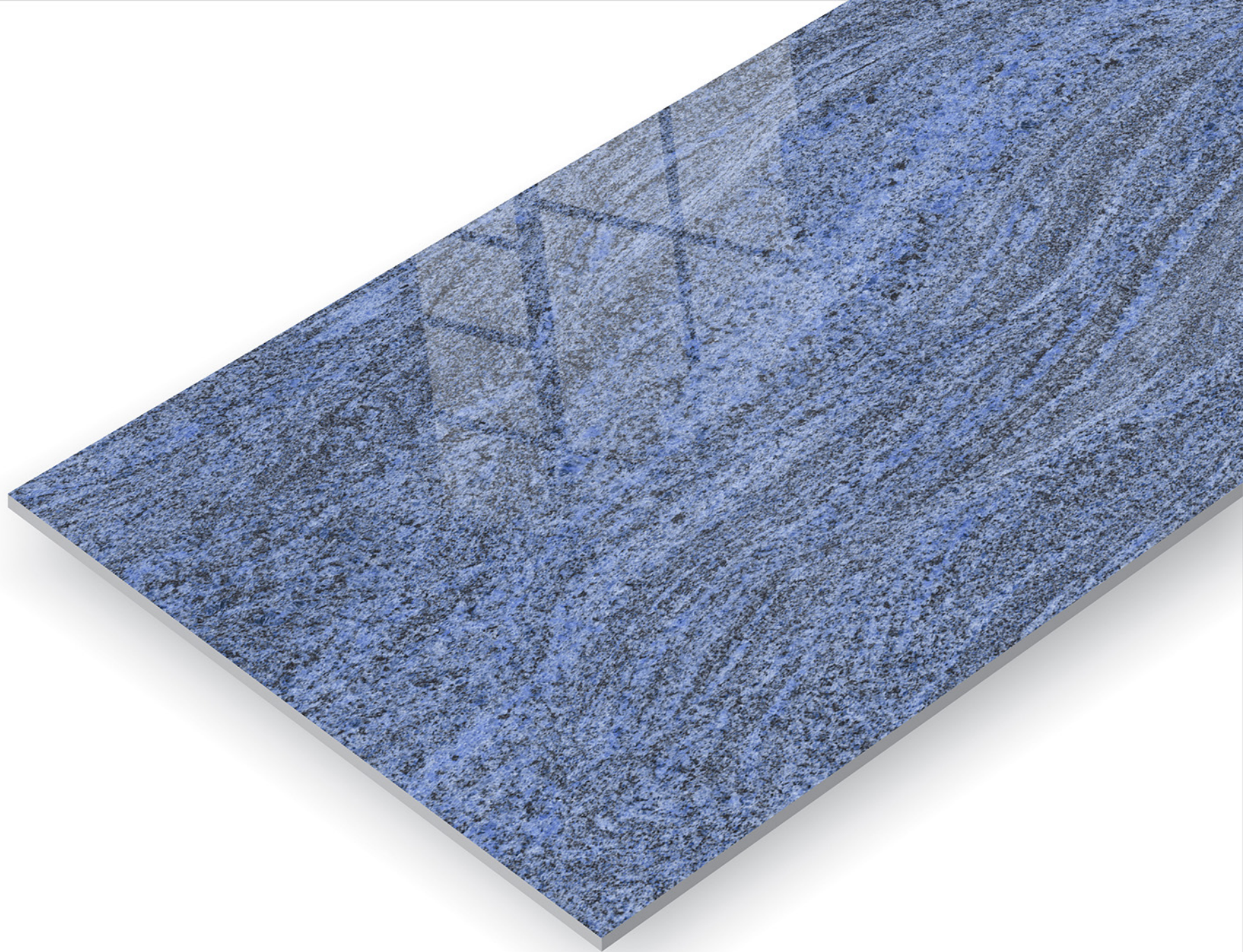
RANDOM DESIGN



LOW MAINTENANCE

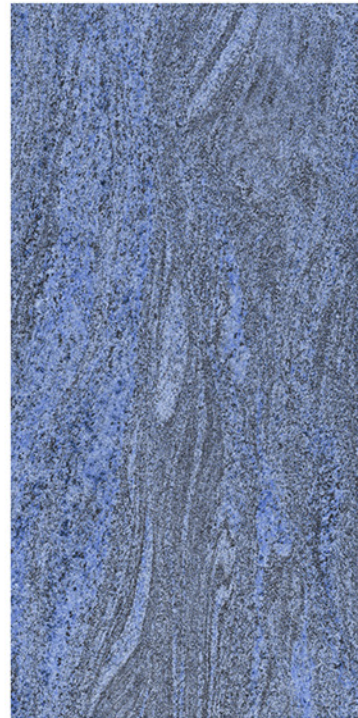
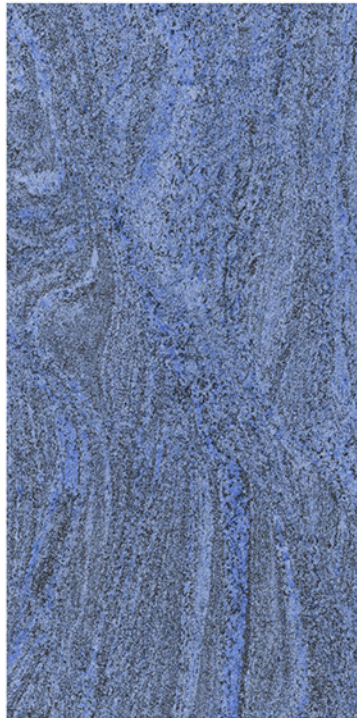
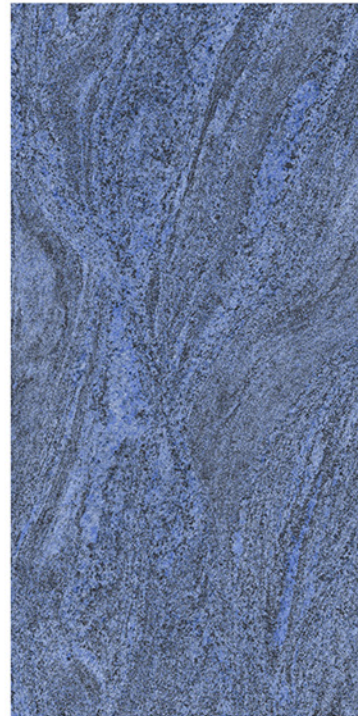
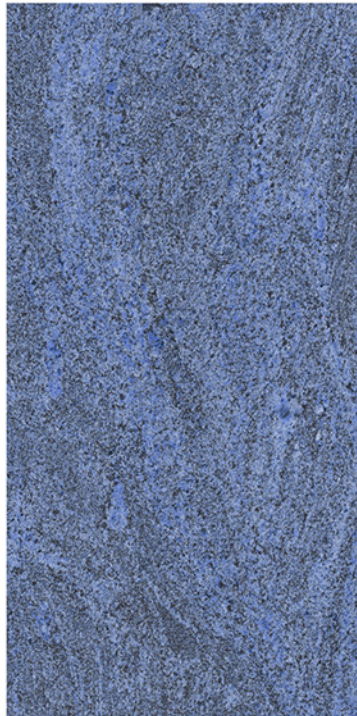
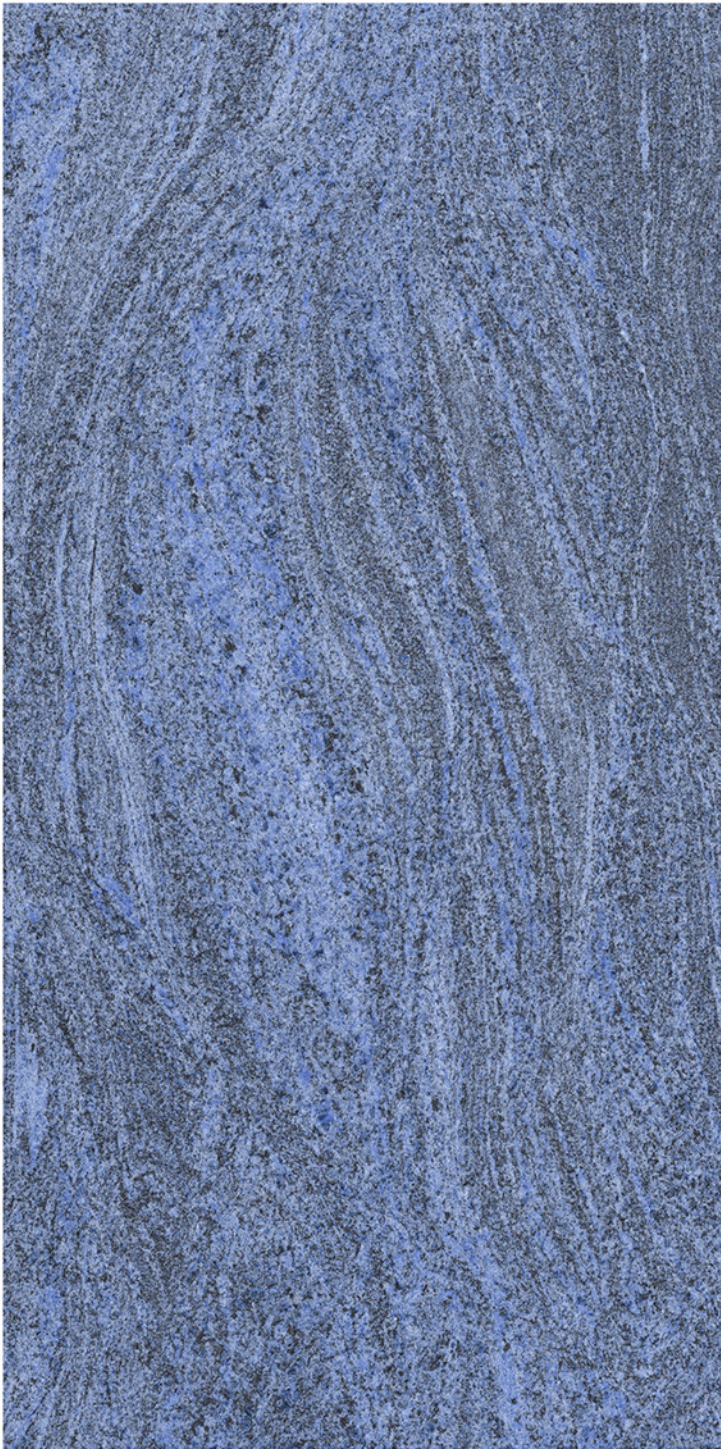


**granite
blue**



**600x
1200mm**





 **CLASSIC**
CERAMIC

**granite
blue**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN

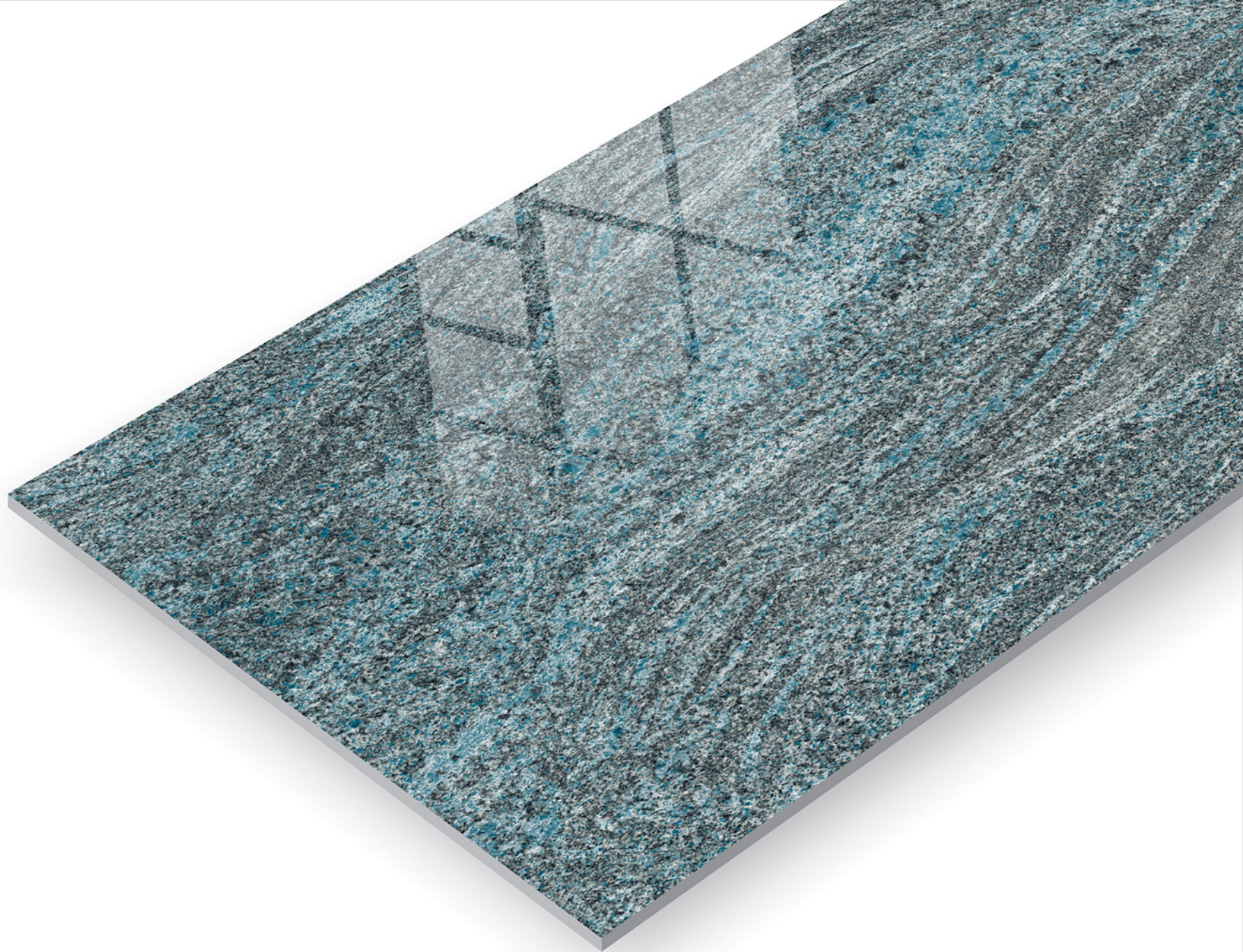


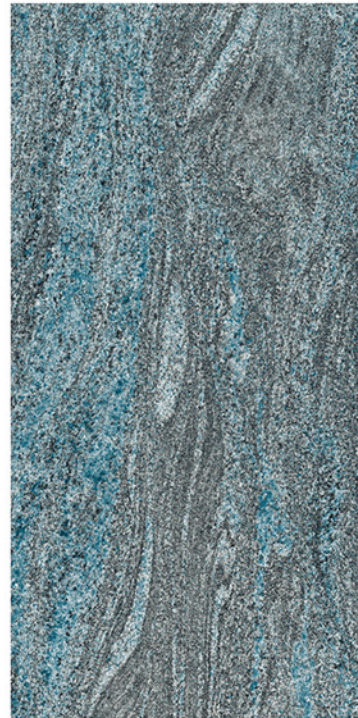
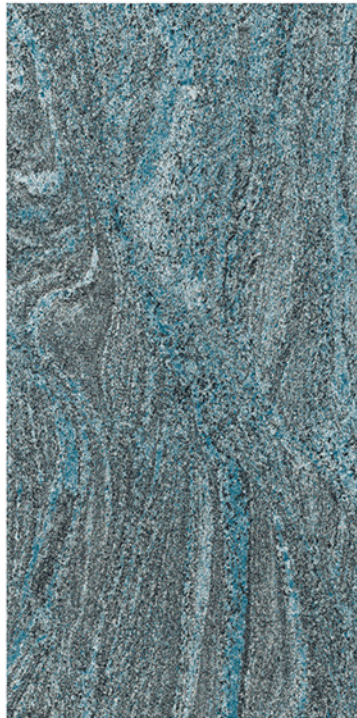
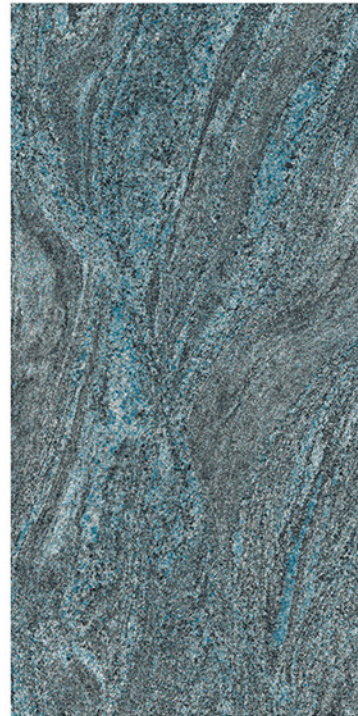
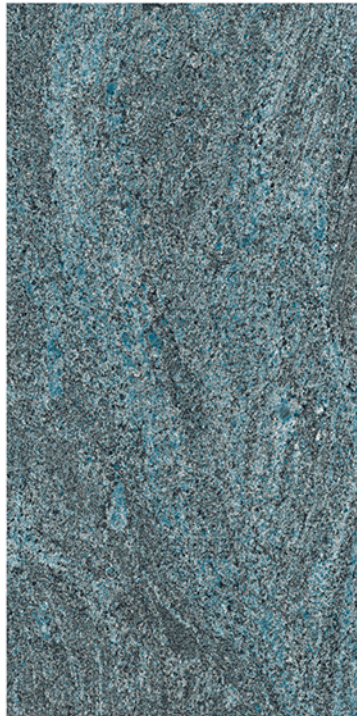
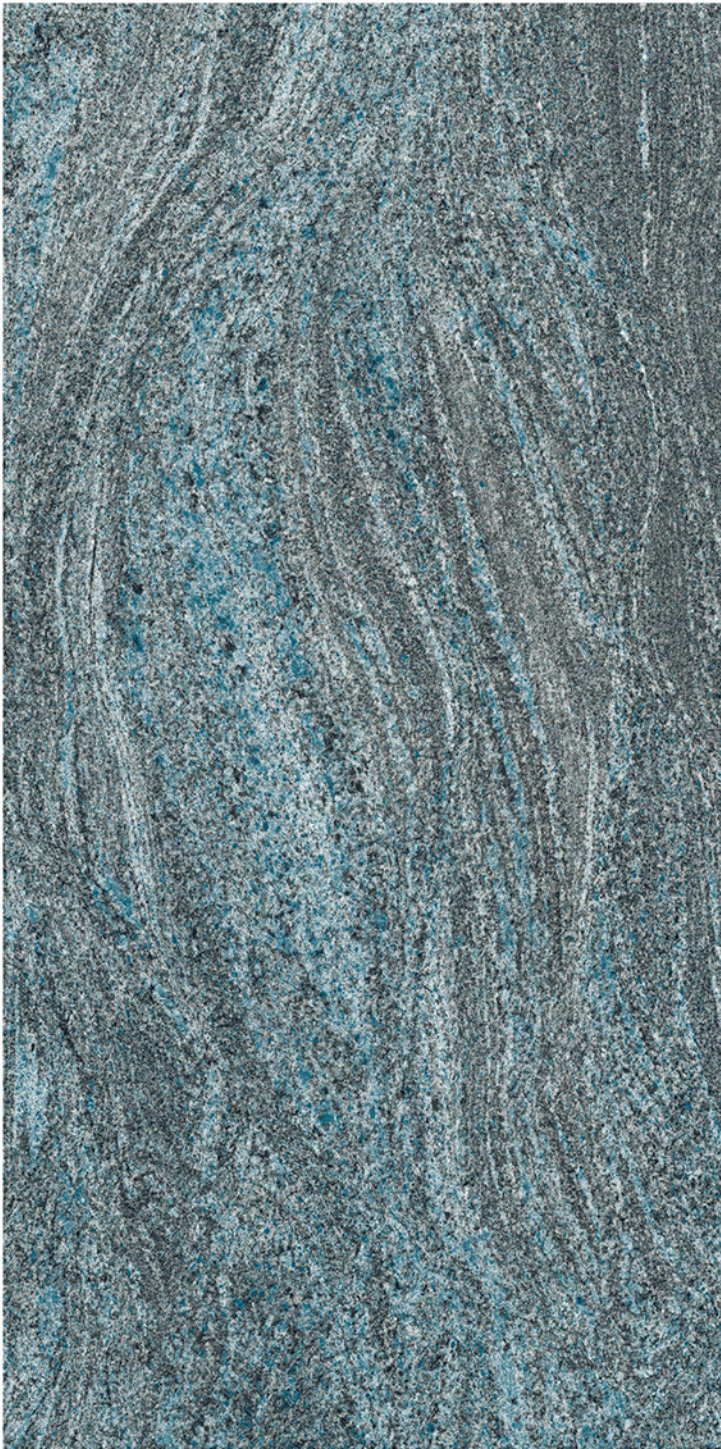
LOW MAINTENANCE



granite
aqua

600x
1200mm





 **CLASSIC**
CERAMIC

**granite
aqua**

(Rate Different)



Tečnost
MARBLE
(light)

**600x
1200mm**



 Finish: HIGH GLOSS



HIGH STRENGTH



ECO FRIENDLY



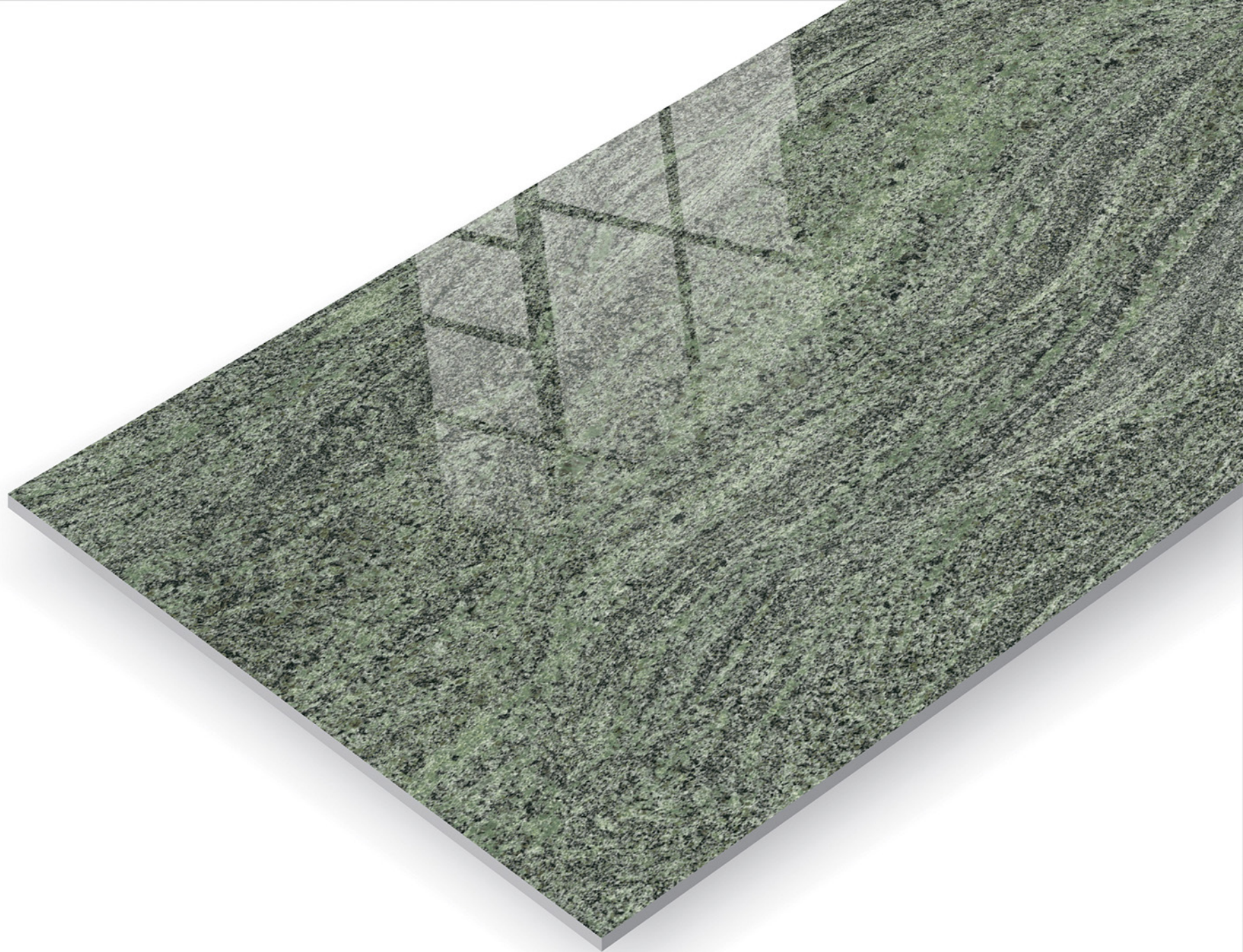
RANDOM DESIGN



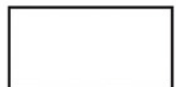
LOW MAINTENANCE

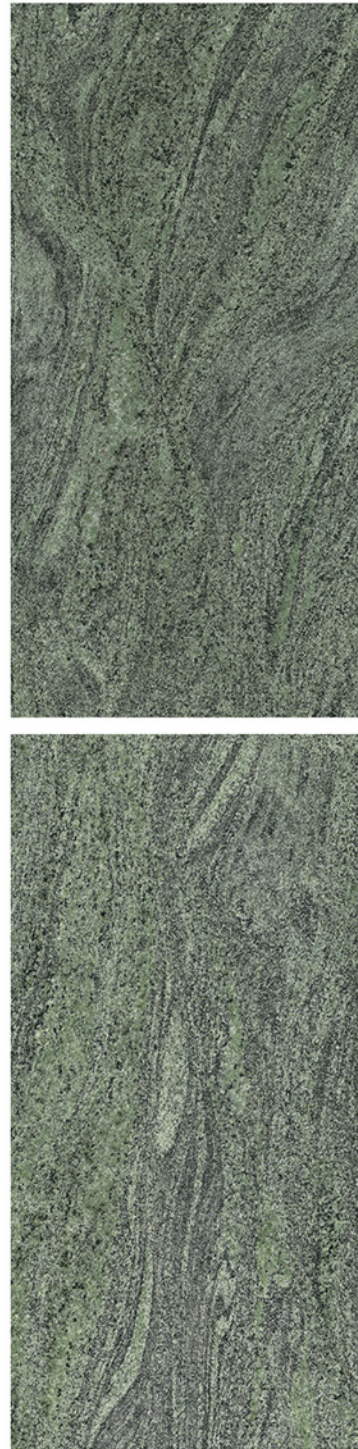
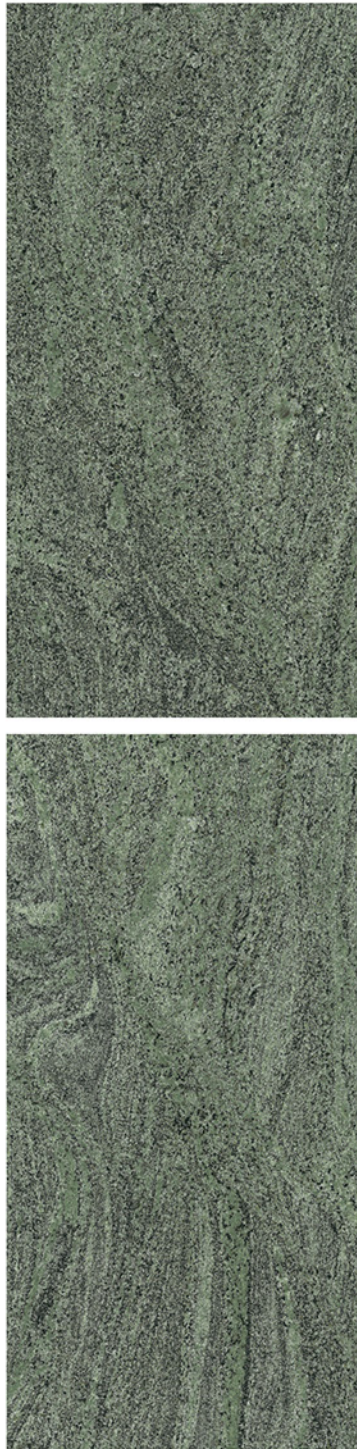
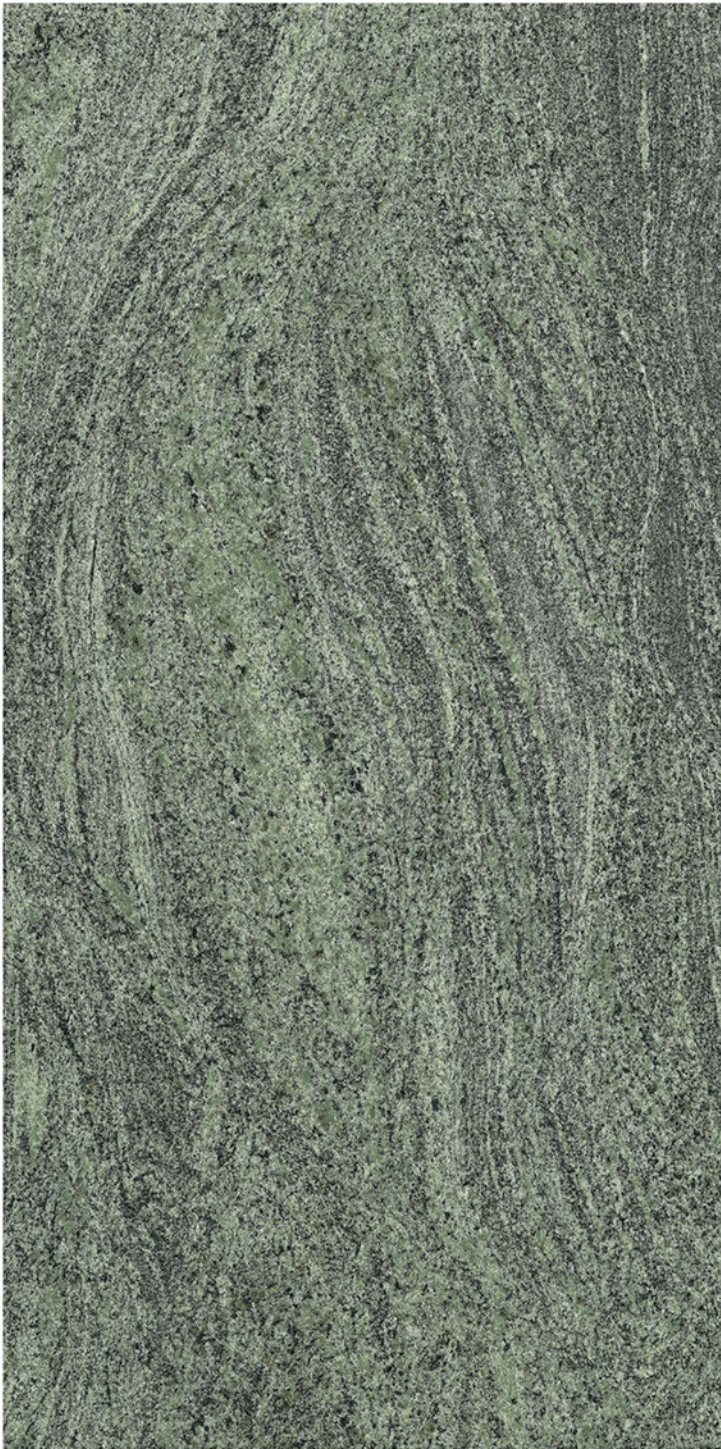


**granite
green**



**600x
1200mm**





 **CLASSIC**
CERAMIC

**granite
green**

(Rate Different)



Tečnost
MARBLE
(light)

**600x
1200mm**



 Finish: HIGH GLOSS



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN

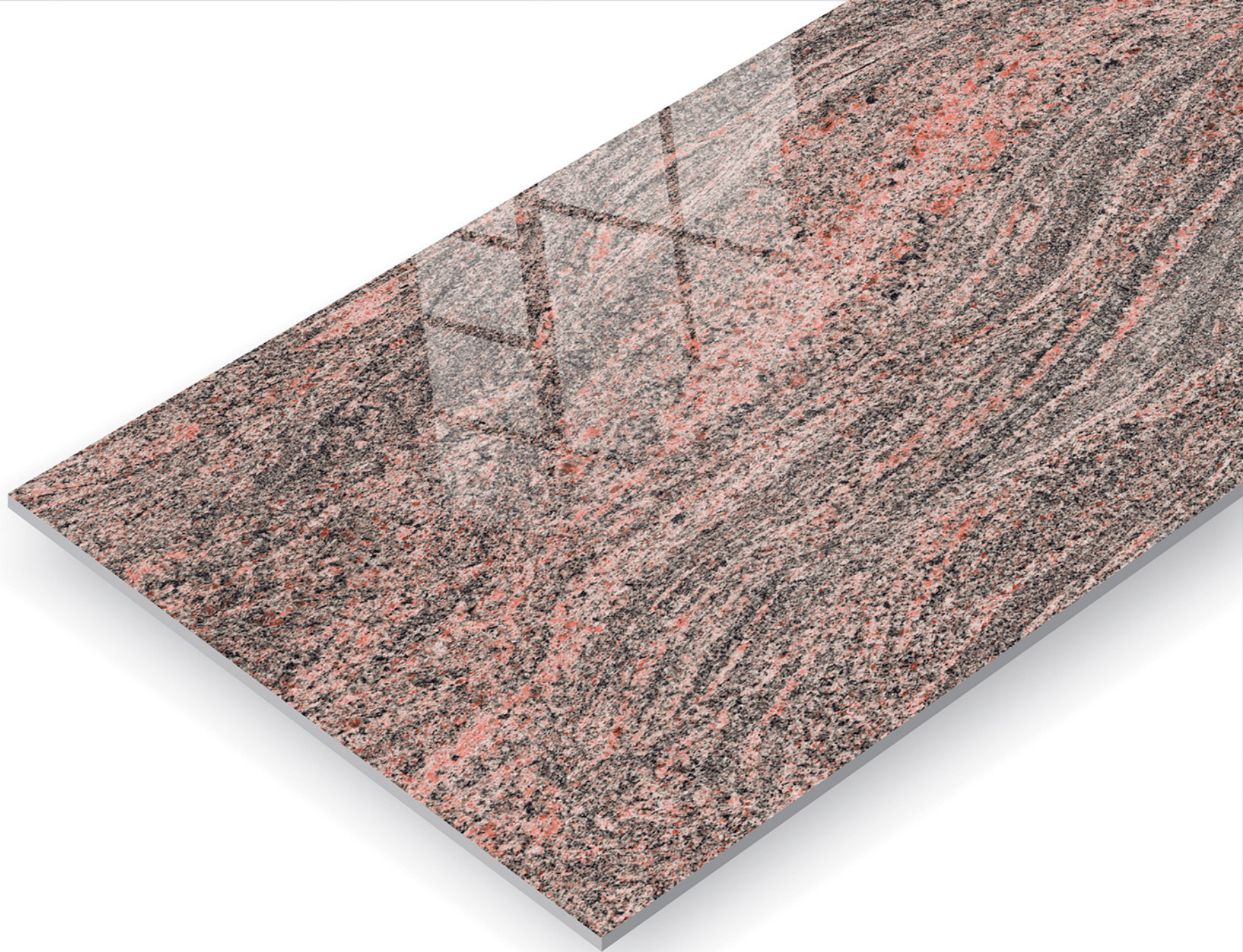
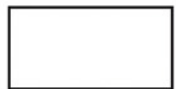


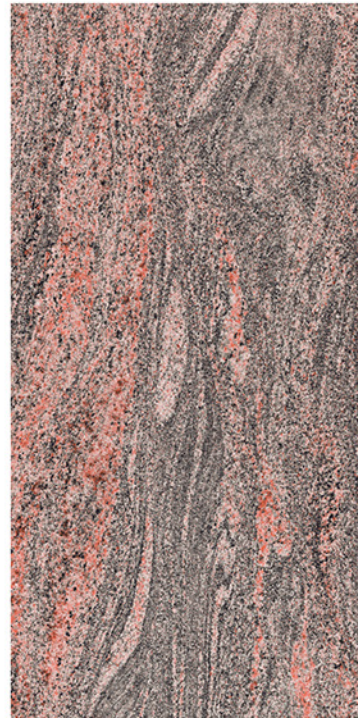
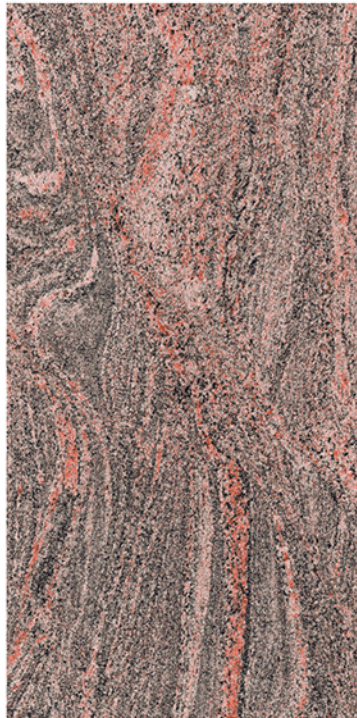
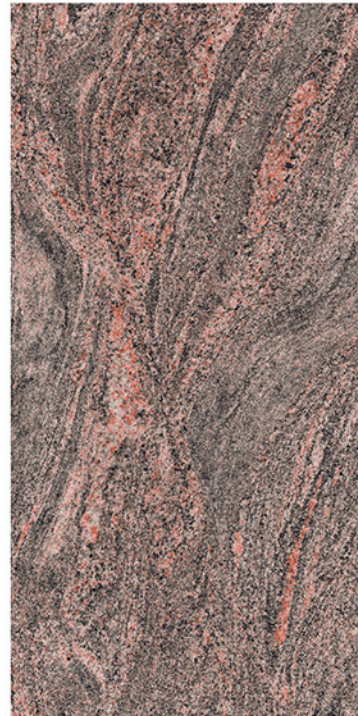
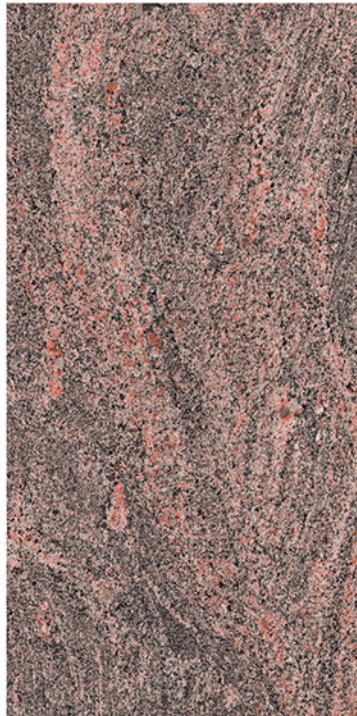
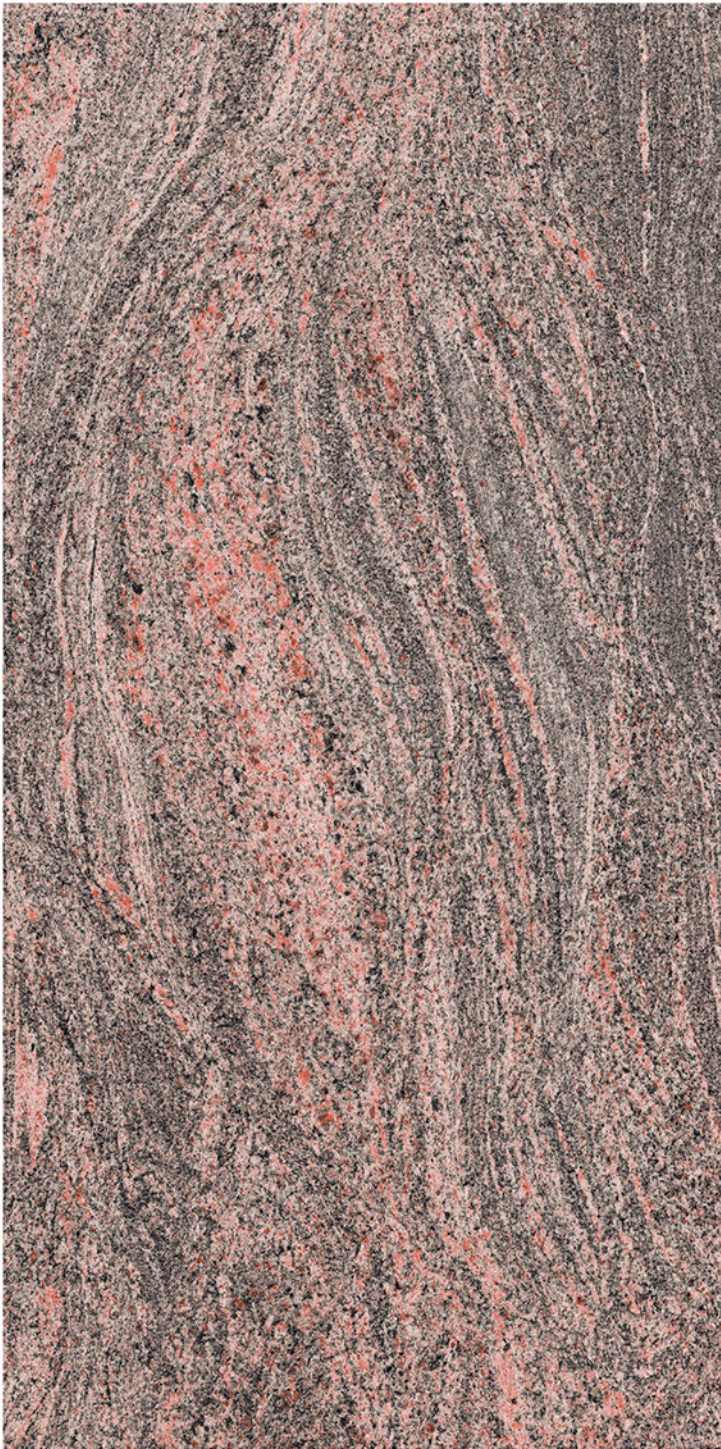
LOW MAINTENANCE



**granite
red**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**granite
red**

(Rate Different)



Tečnost
MARBLE
(light)

**600x
1200mm**



 **Finish: HIGH GLOSS**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN

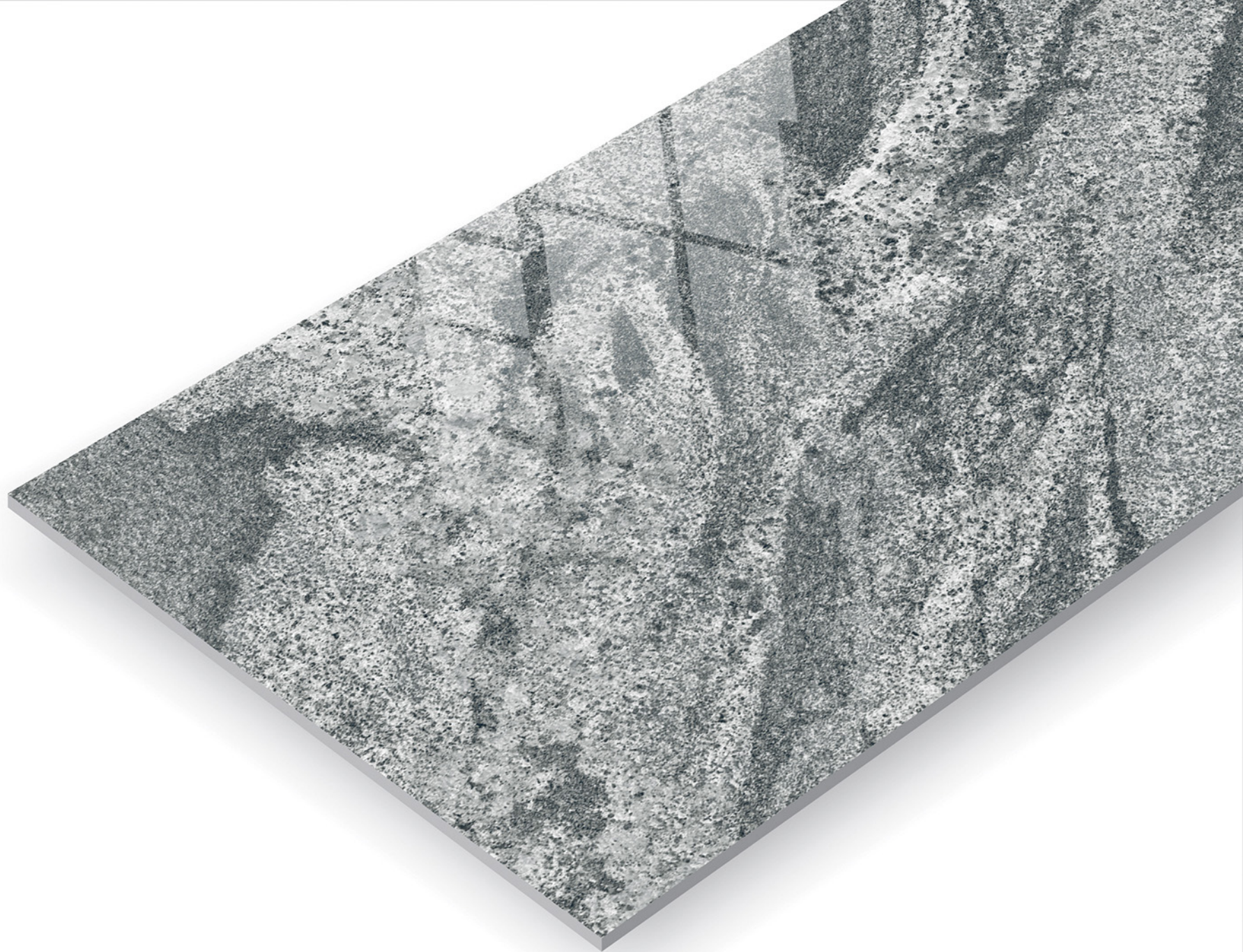


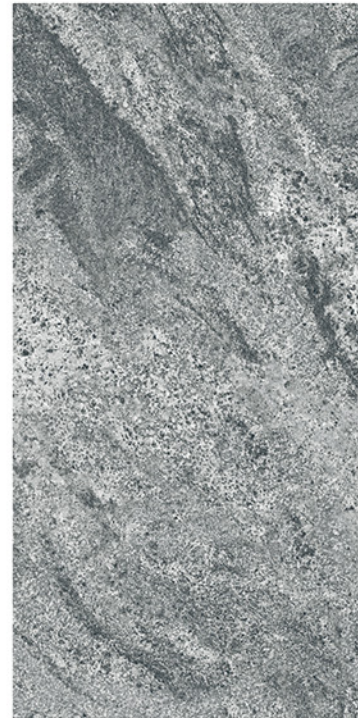
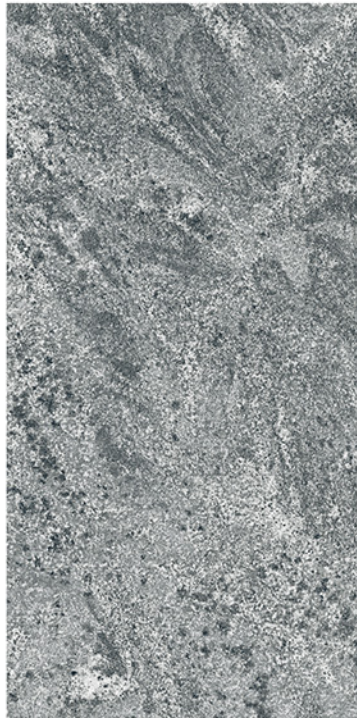
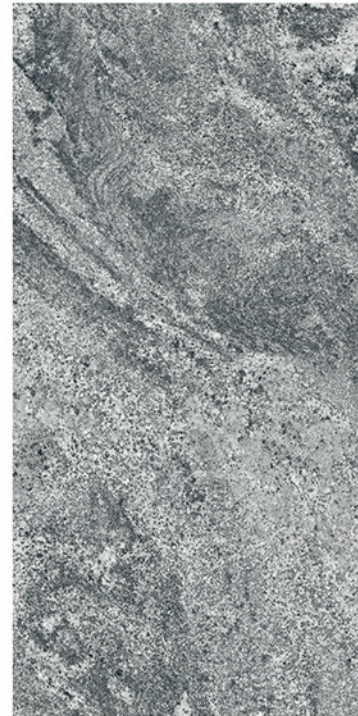
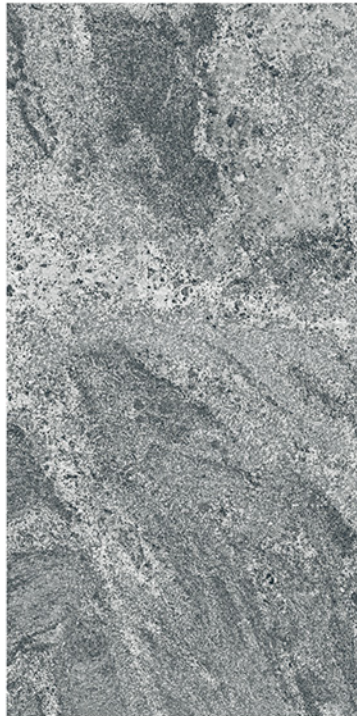
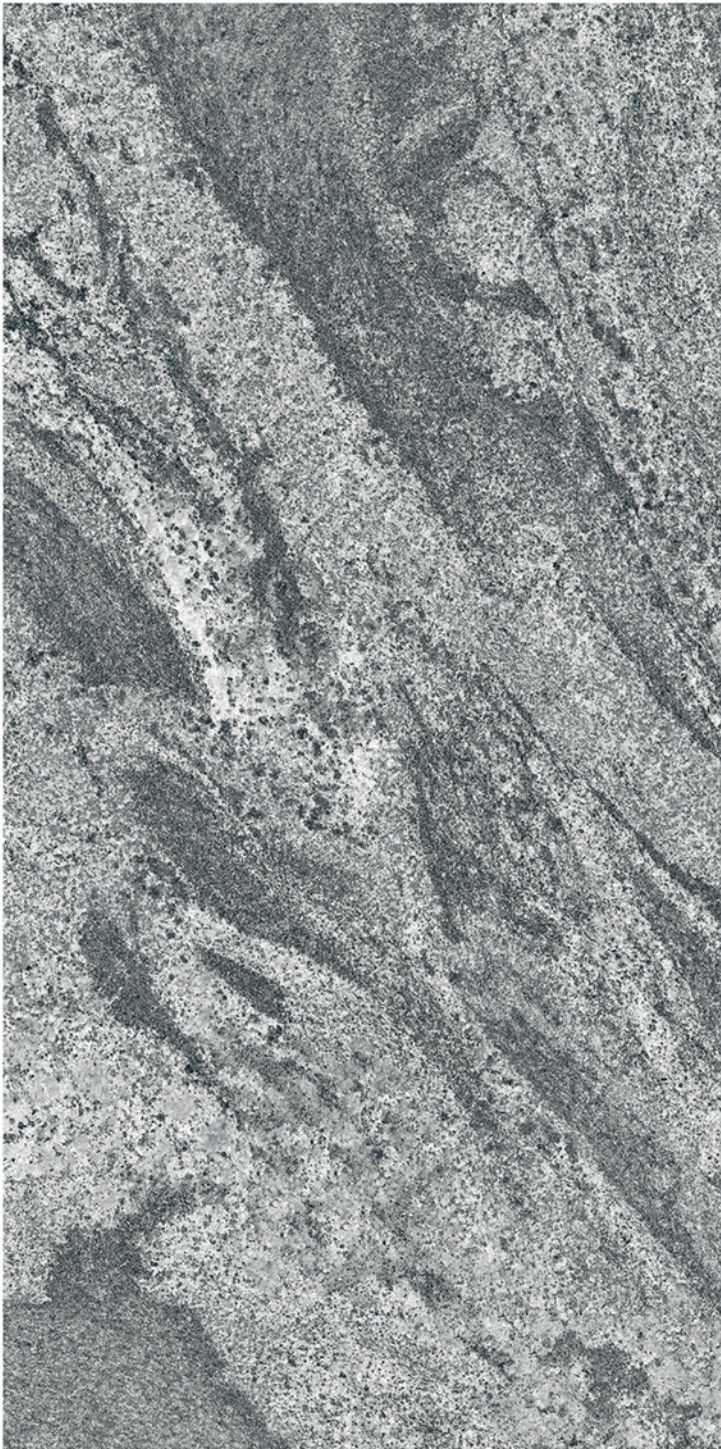
LOW MAINTENANCE



**vanetian
grey**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**vanetian
grey**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN

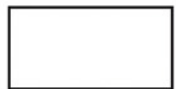


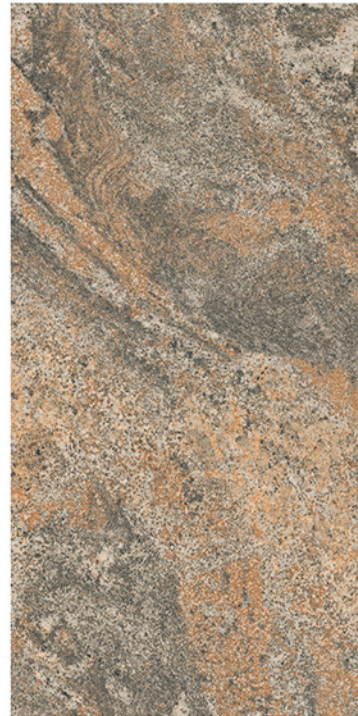
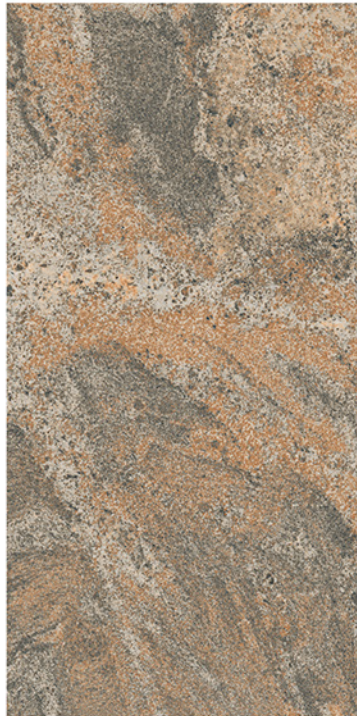
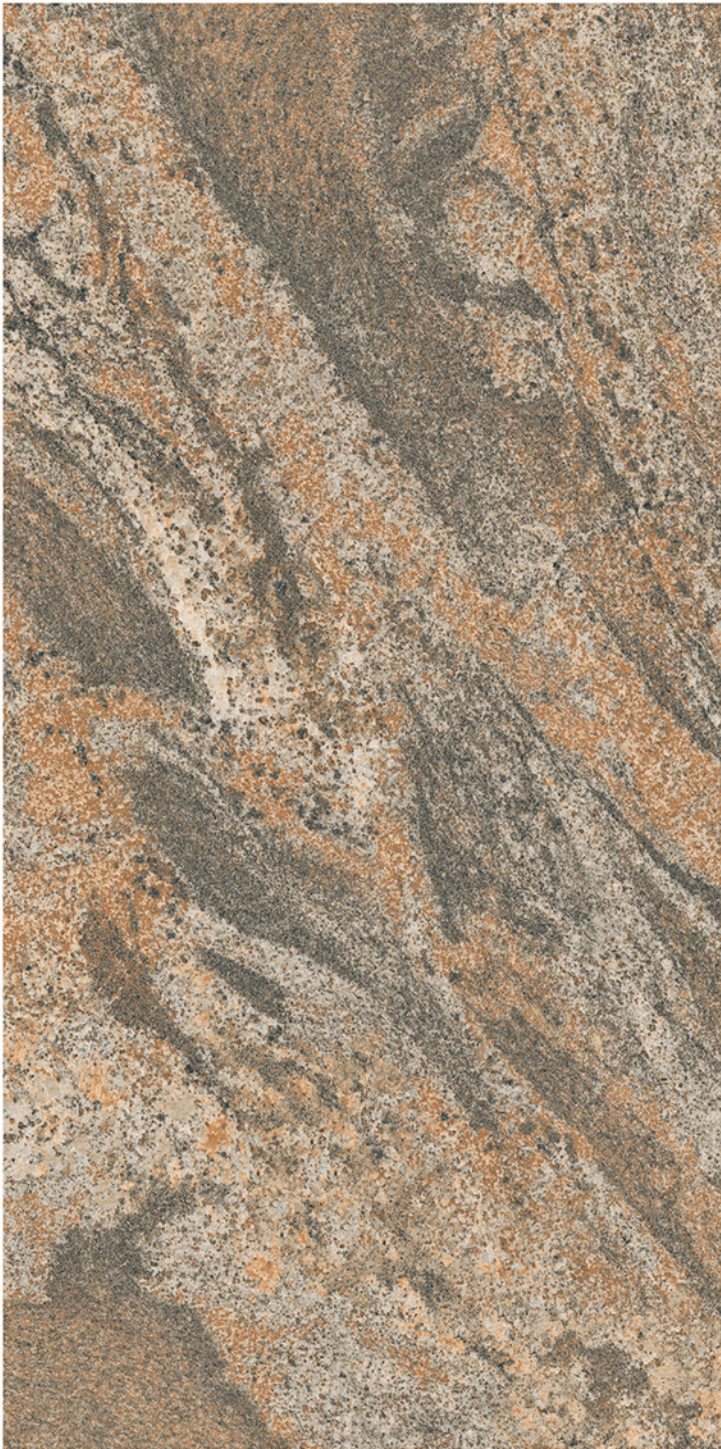
LOW MAINTENANCE



**vanetian
gold**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**vanetian
gold**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



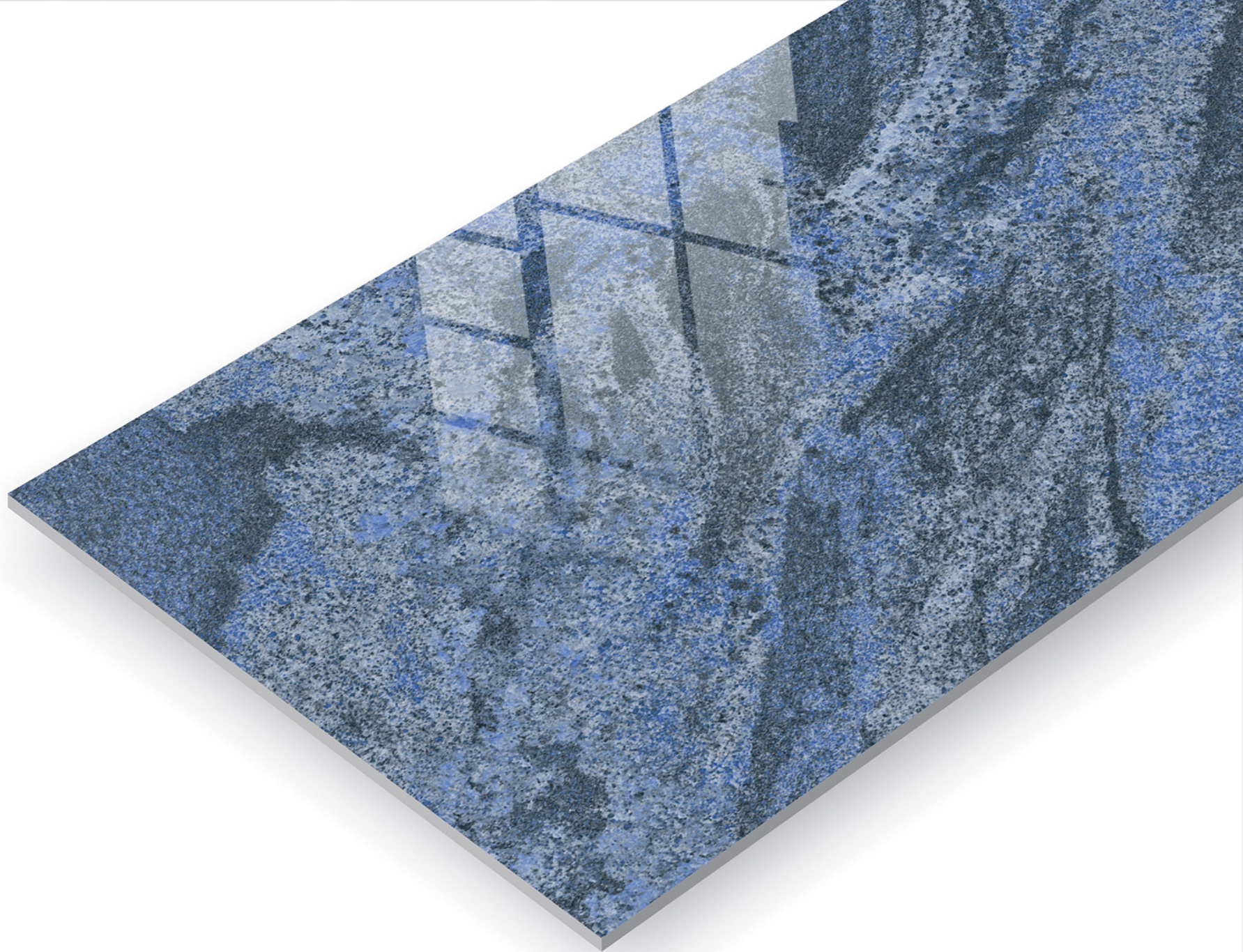
RANDOM DESIGN



LOW MAINTENANCE

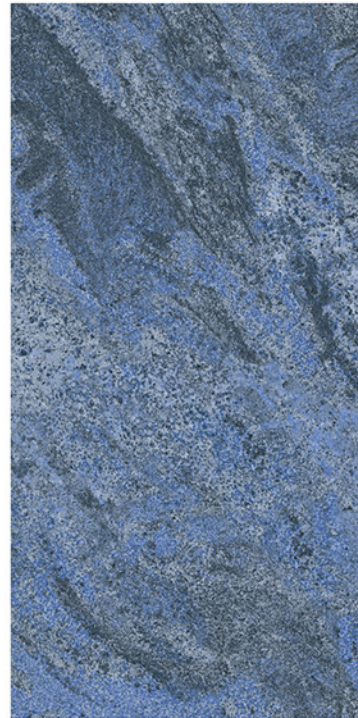
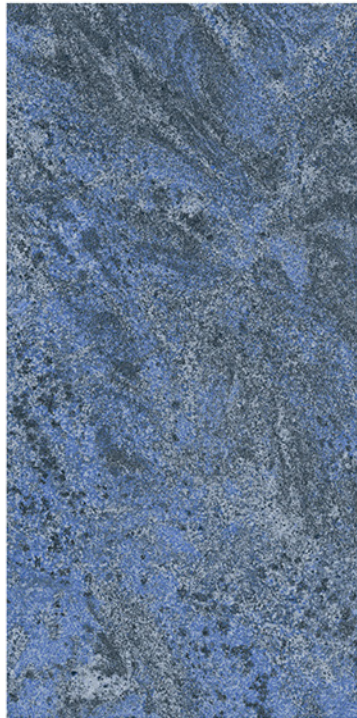
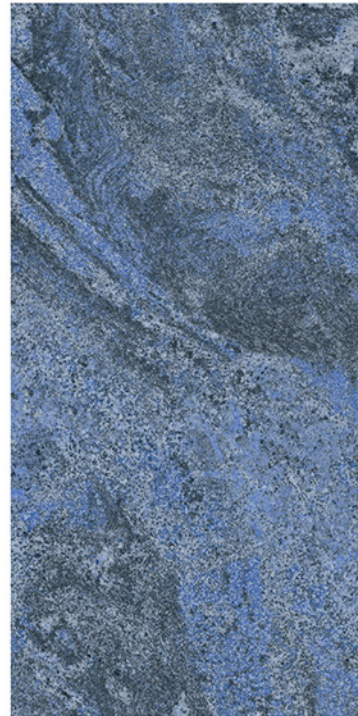
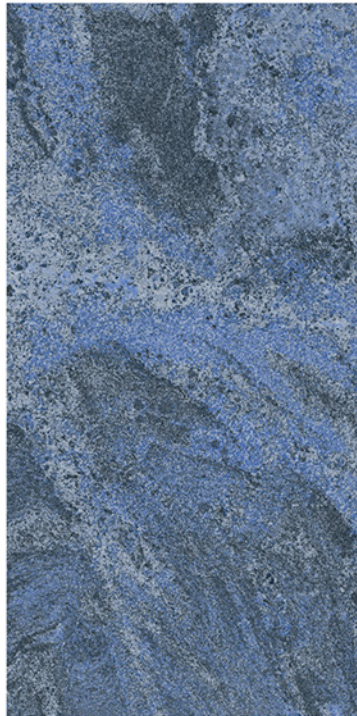
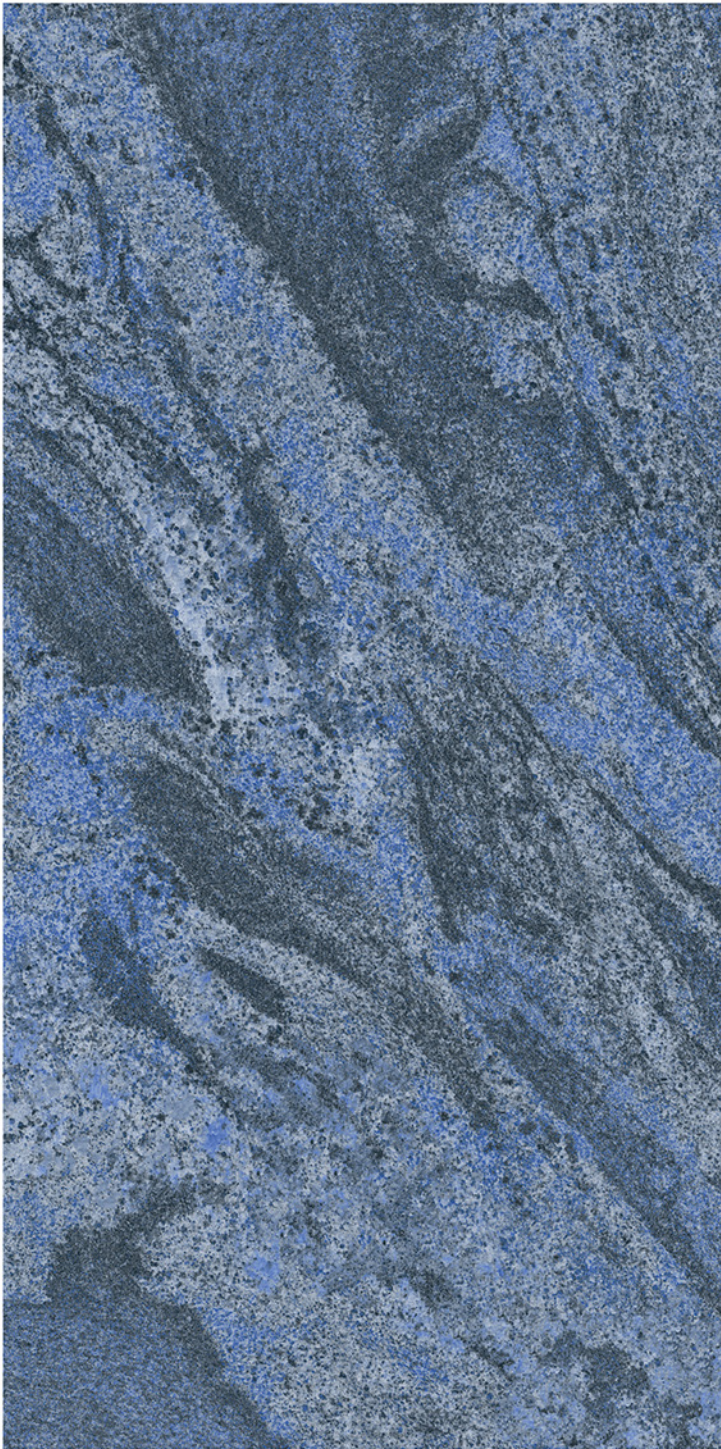


**vanetian
blue**



**600x
1200mm**





 **CLASSIC**
CERAMIC

**vanetian
blue**



**600x
1200mm**



Finish: **GLOSSY**



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN

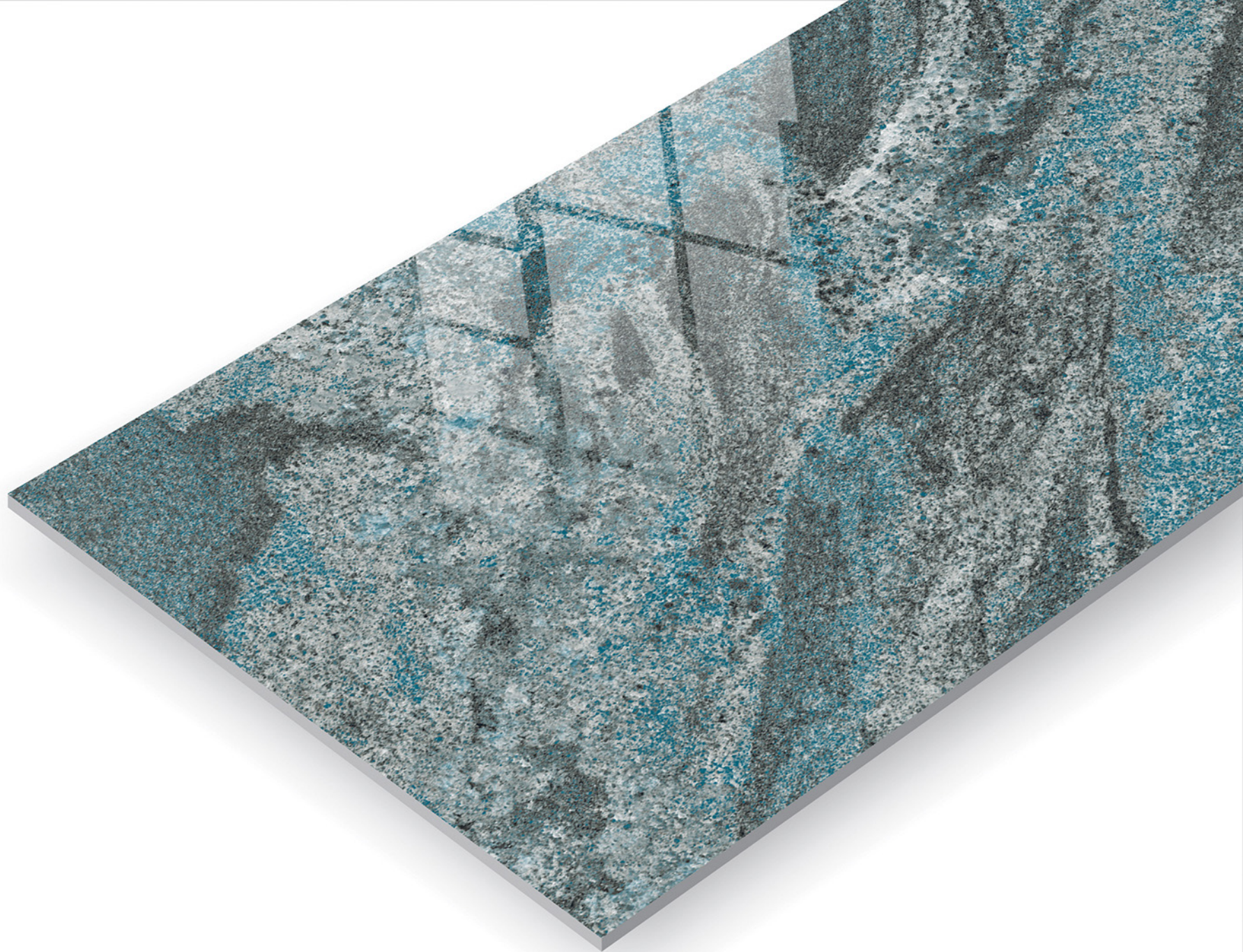
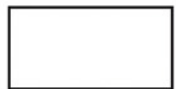


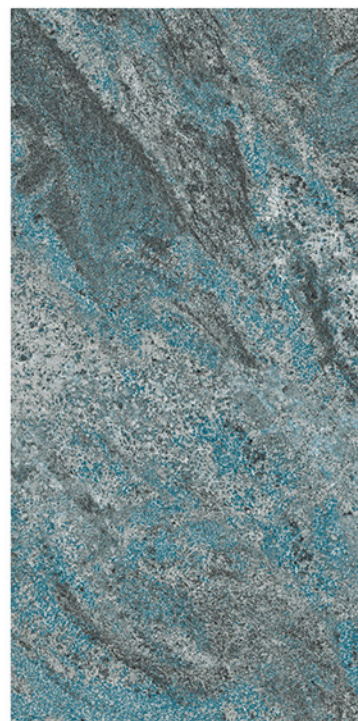
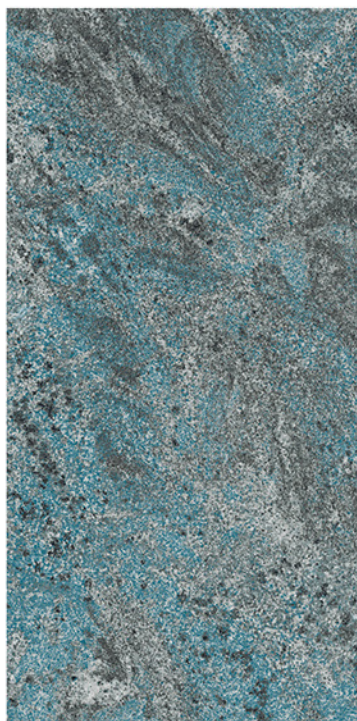
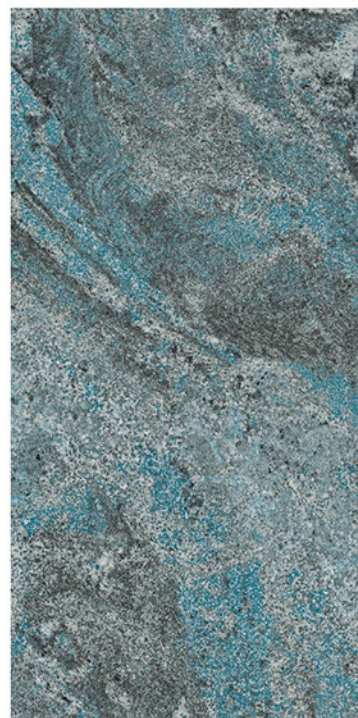
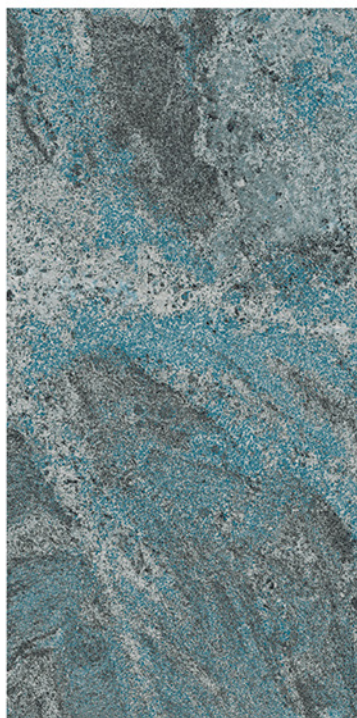
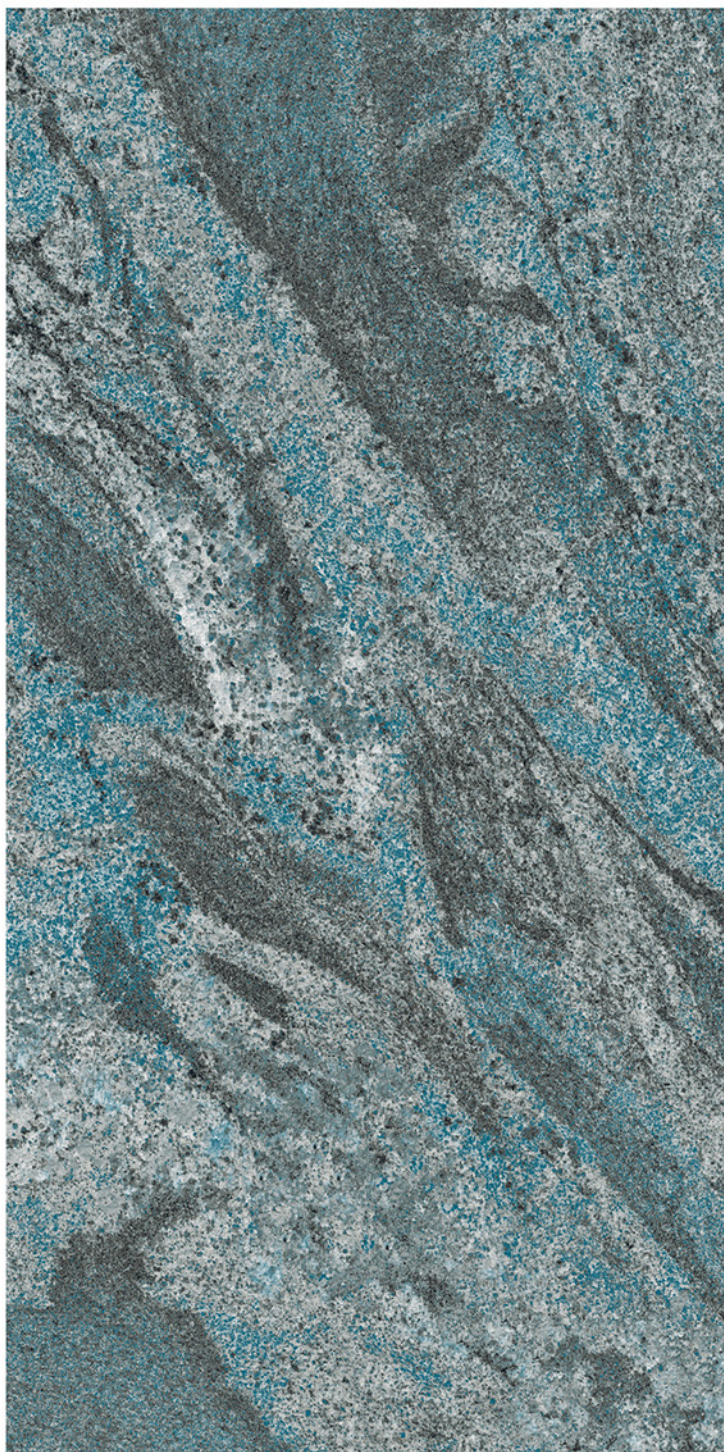
LOW MAINTENANCE



**vanetian
azul**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**vanetian
azul**

(Rate Different)


Tečnost
MARBLE
(light)

**600x
1200mm**



 Finish: HIGH GLOSS

 HIGH STRENGTH

 ECO FRIENDLY

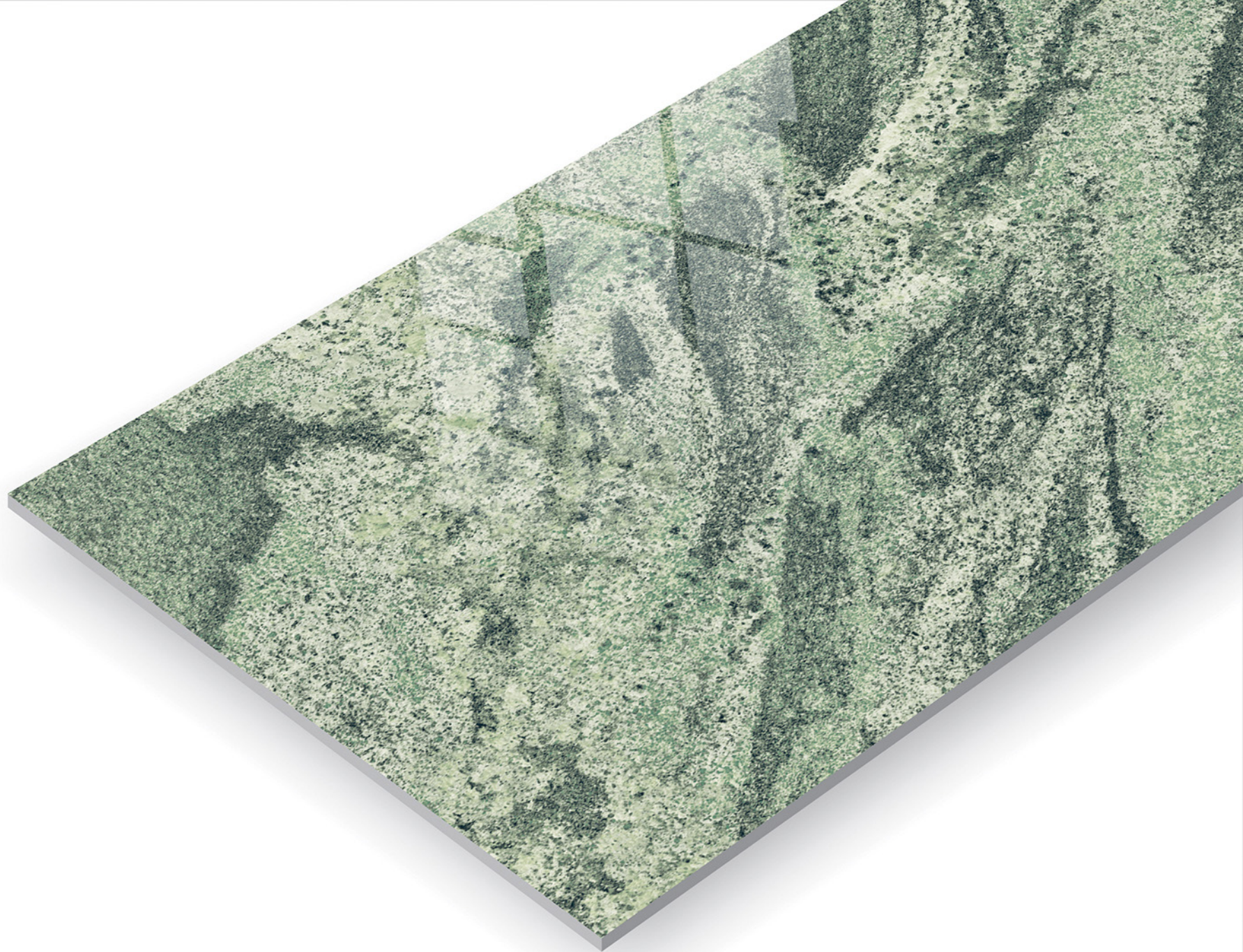
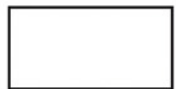
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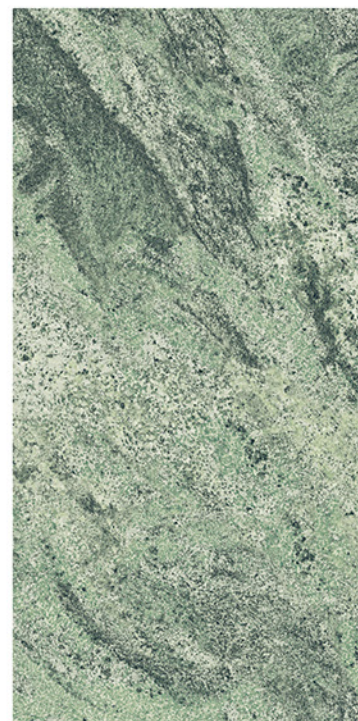
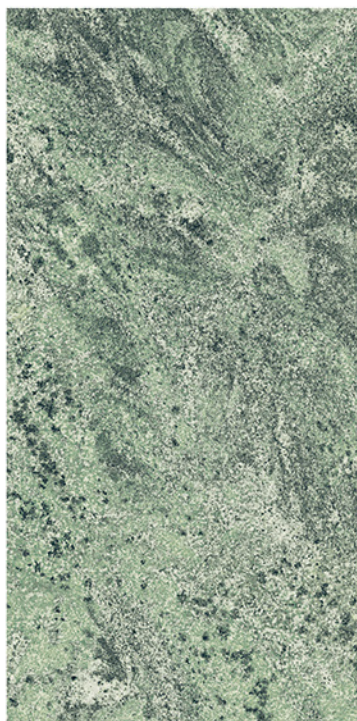
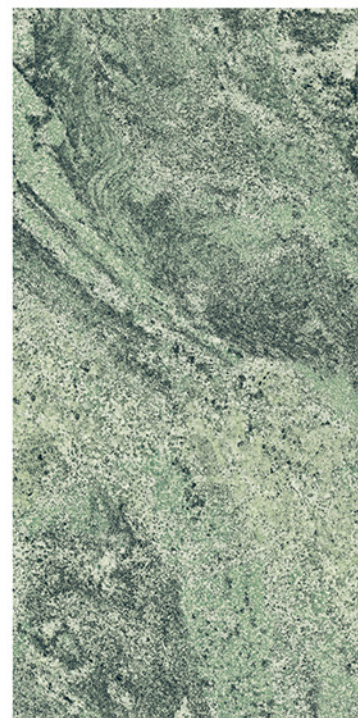
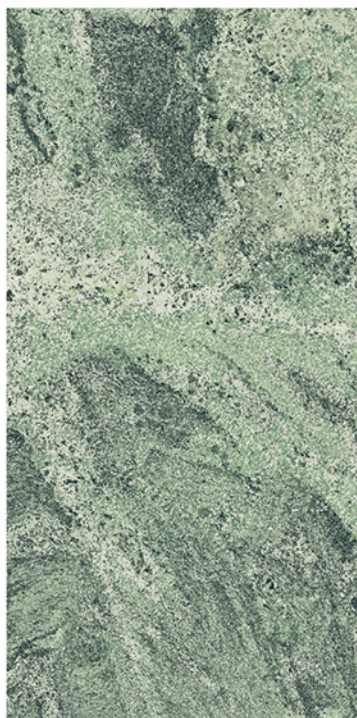
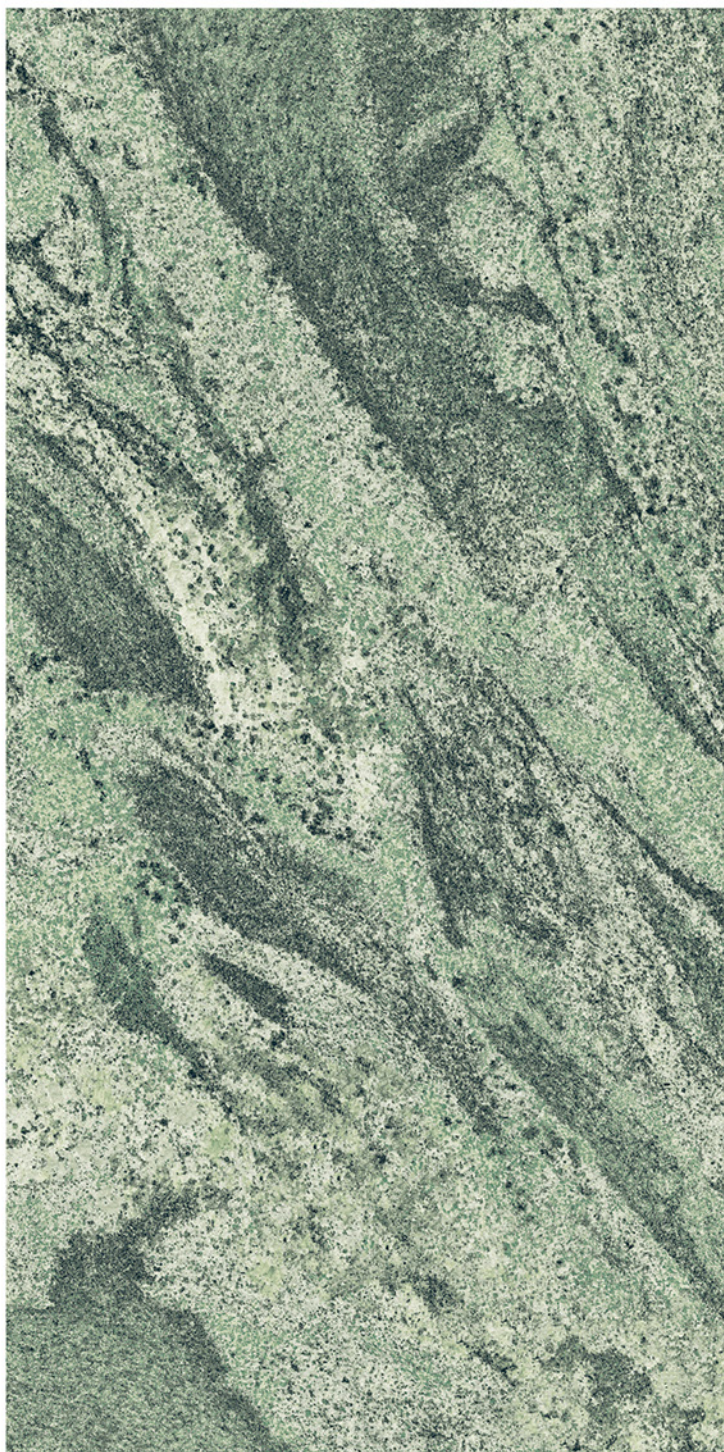
 LOW MAINTENANCE



**vanetian
green**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**vanetian
green**
(Rate Different)


Tečnost
MARBLE
(light)

**600x
1200mm**



 Finish: HIGH GLOSS



HIGH STRENGTH



ECO FRIENDLY



RANDOM DESIGN

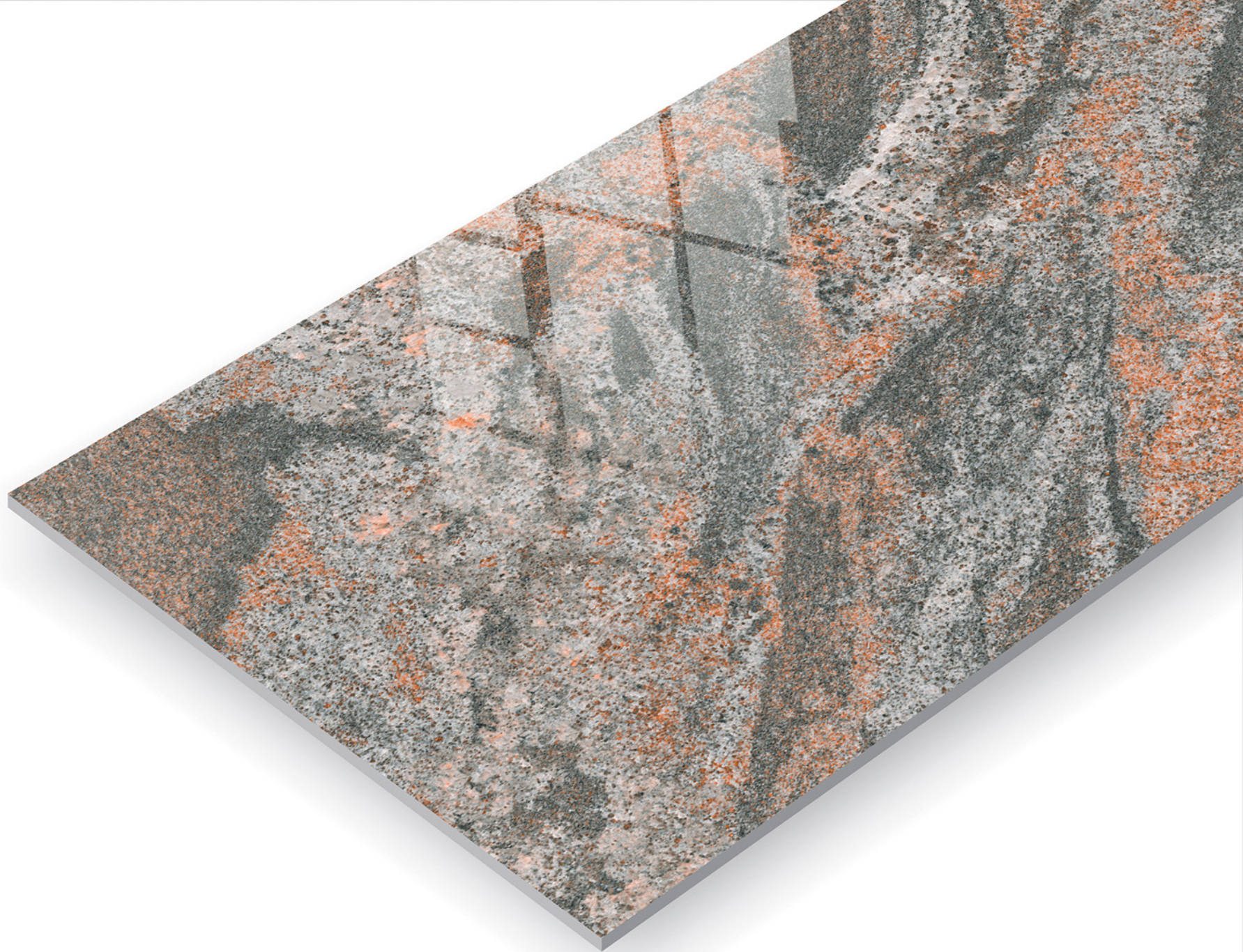
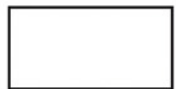


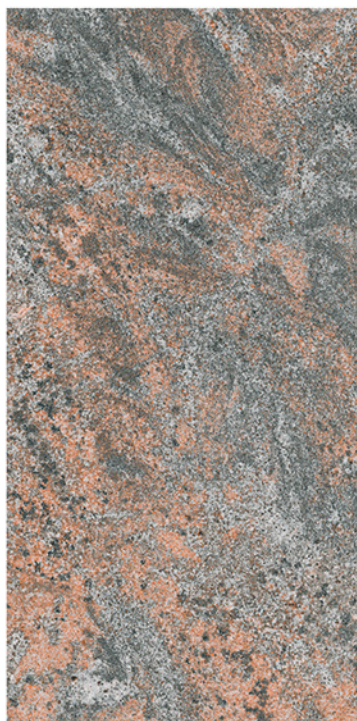
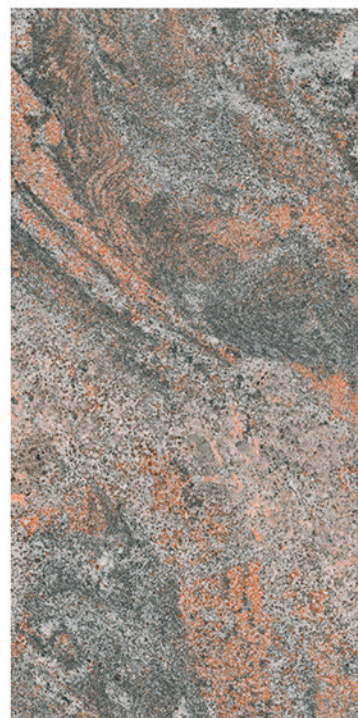
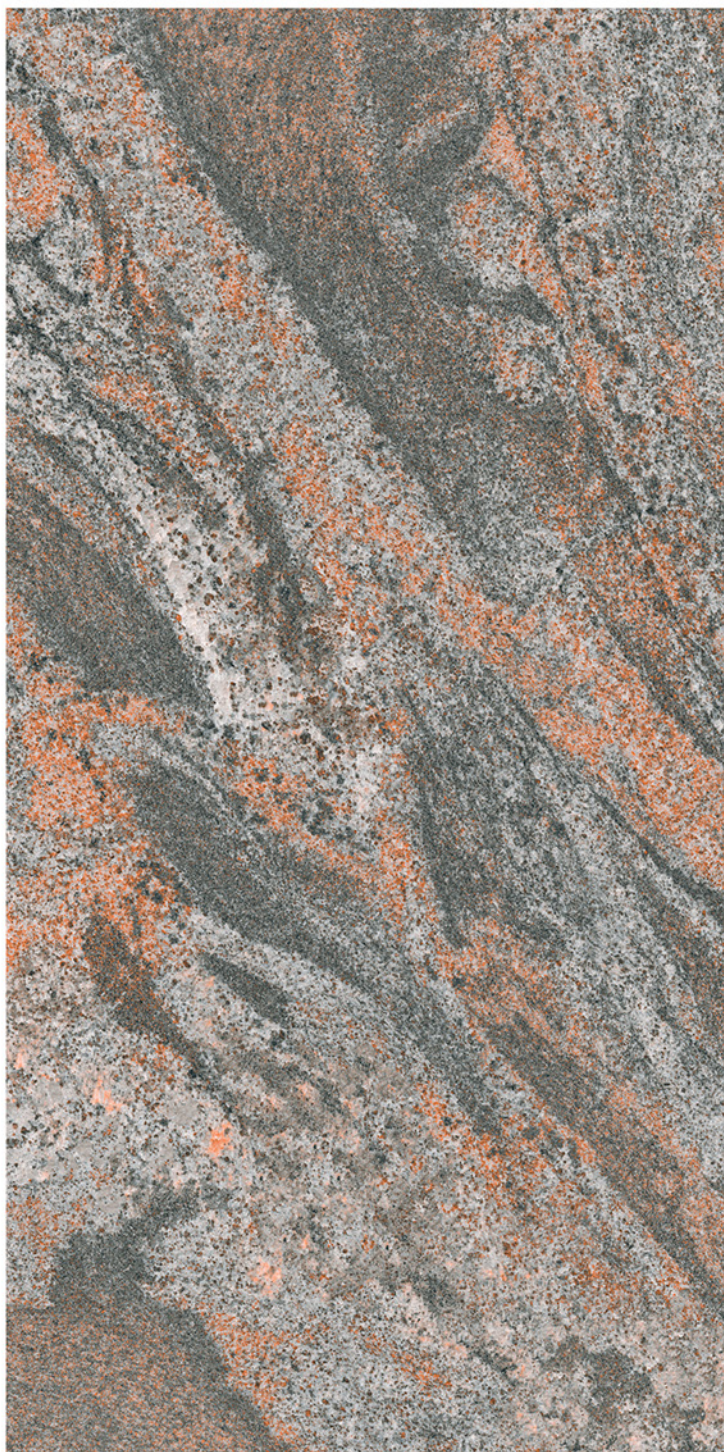
LOW MAINTENANCE



**vanetian
red**

**600x
1200mm**





 **CLASSIC**
CERAMIC

**vanetian
red**

(Rate Different)


Tečnost
MARBLE
(light)

**600x
1200mm**



 Finish: HIGH GLOSS

 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	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	Pieces / Box	Area / Box (approx*)
1	600x1200 mm	2pcs.	1.44 sq. mtr.

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

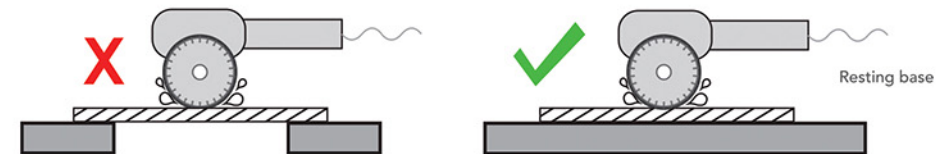
As long as the technical capacity of the cutting machine allows it, it is advisable to finish all the cuts towards the edge of the slab and avoid all the endings at the central area of the slab.

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



