

# IRAZO

CLAY MEETS CLASS

600X1200MM



GLOSSY SURFACE

## INTEGRITY

Beneath & Beyond  
the Surface



## MOSCO BIANCO



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## MOSCO NATURAL



600X1200  
MM

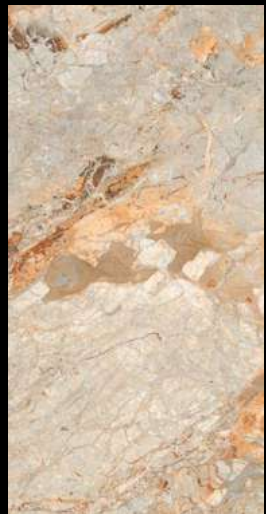


Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## PARDISO BRECCIA



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





**PULPIS BIANCO**



Thickness :  
9 MM  
Finish :  
Glossy  
Random :  
4





## PULPIS BEIGE



600X1200  
MM

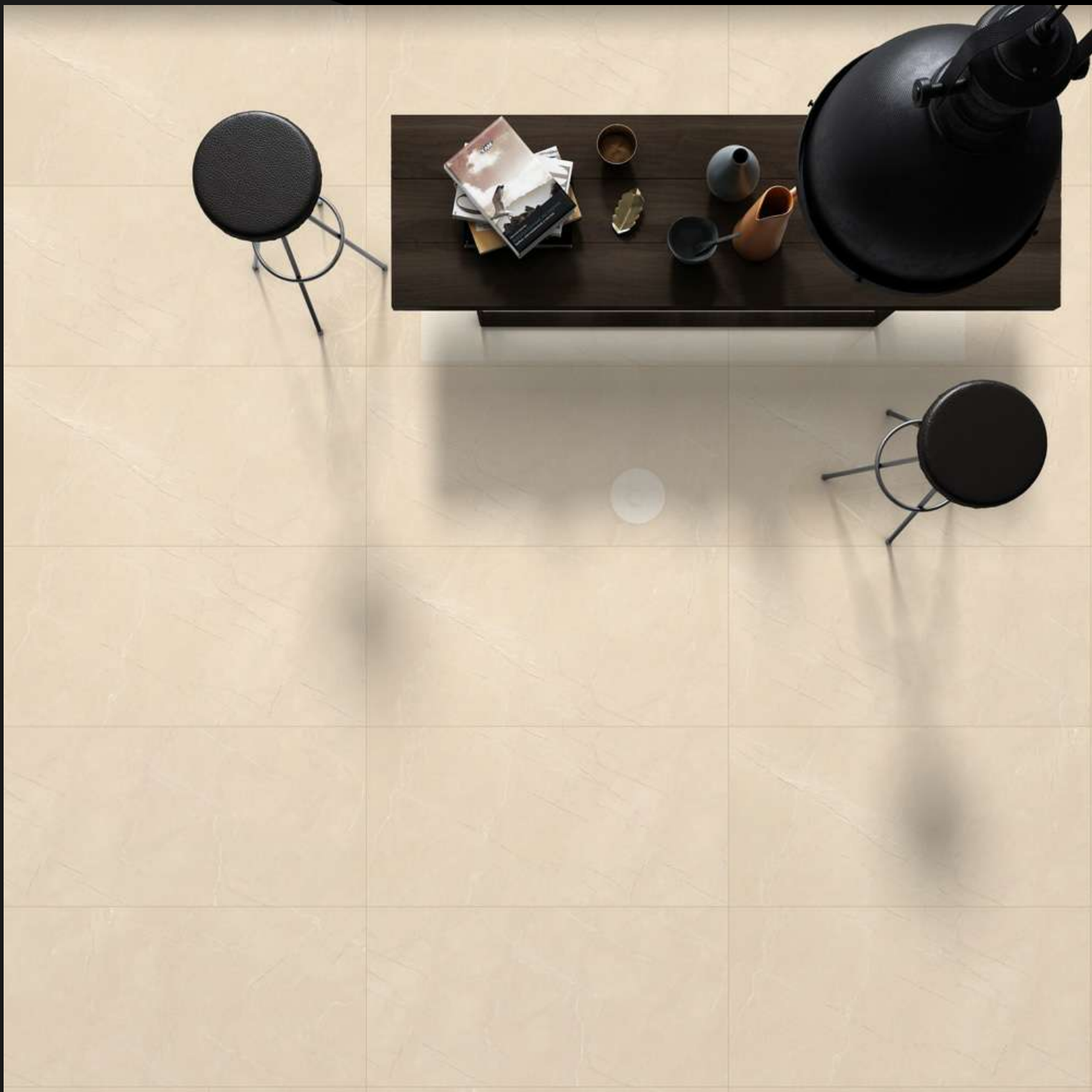


Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## PULPIS CREMA



600X1200  
MM

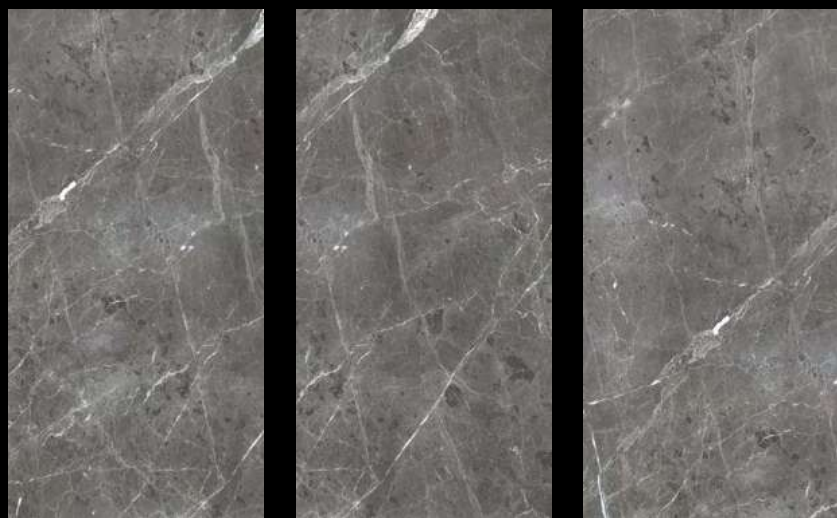


Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## PULPIS BLACK



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4







## PULPIS GREY



600X1200  
MM



Thickness :  
9 MM

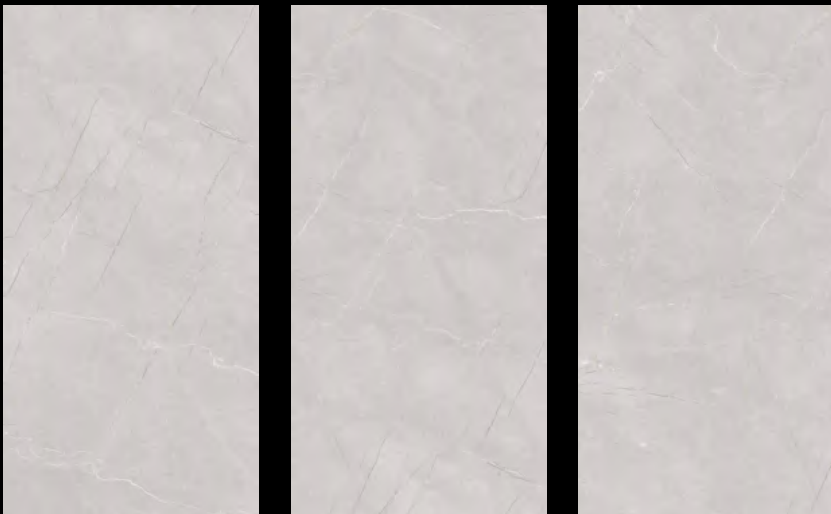
Finish :  
Glossy

Random :  
5





## PULPIS SILVER



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## REGAL BEIGE



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## REGAL BIANCO



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## REGAL GREY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## RIO STATUARIO



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## ROCK BRECCIA BIANCO



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## ROCK BRECCIA GRAY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5







## ROYAL BOTTOCHINO CREMA



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## ROYAL DYNA NATURAL



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## ROYAL BOTTOCHINO BEIGE



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## ROYAL DYNA



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## ROYAL SATAVARIO



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## THASOS ALMOND



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## THASOS GREY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## UNIQUE BRECCIA BEIGE



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4







## UNIQUE BRECCIA MULTY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## VOLGA GRAY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## CARARA WHITE



600X1200  
MM



Thickness :  
9 MM

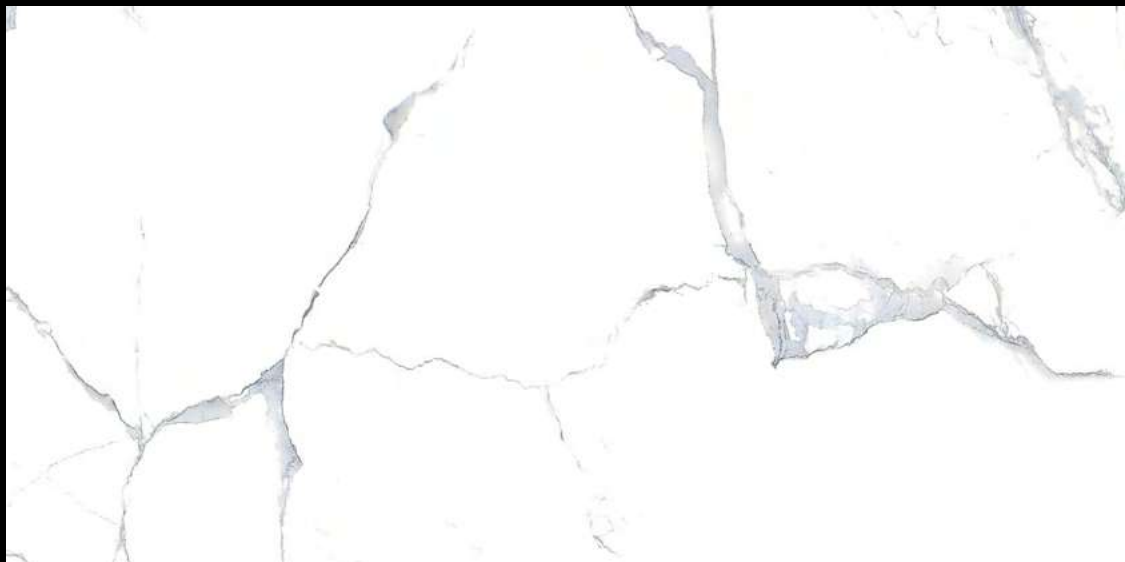
Finish :  
Glossy

Random :  
5





## COLA SATAVARIO



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## CROWN BRECCIA



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## CRYSTAL EMPRA BIANCO



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## CRYSTAL EMPRA GRIS



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## EMPRADORE BROWN



600X1200  
MM



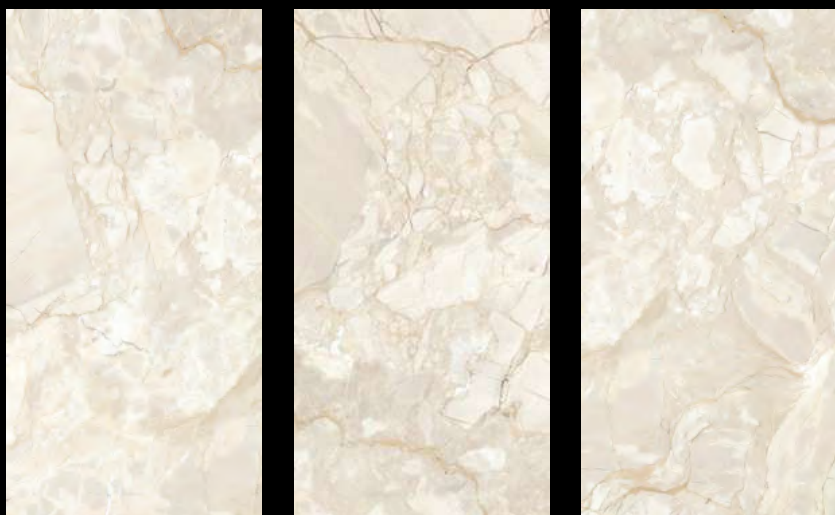
Thickness :  
9 MM

Finish :  
Glossy

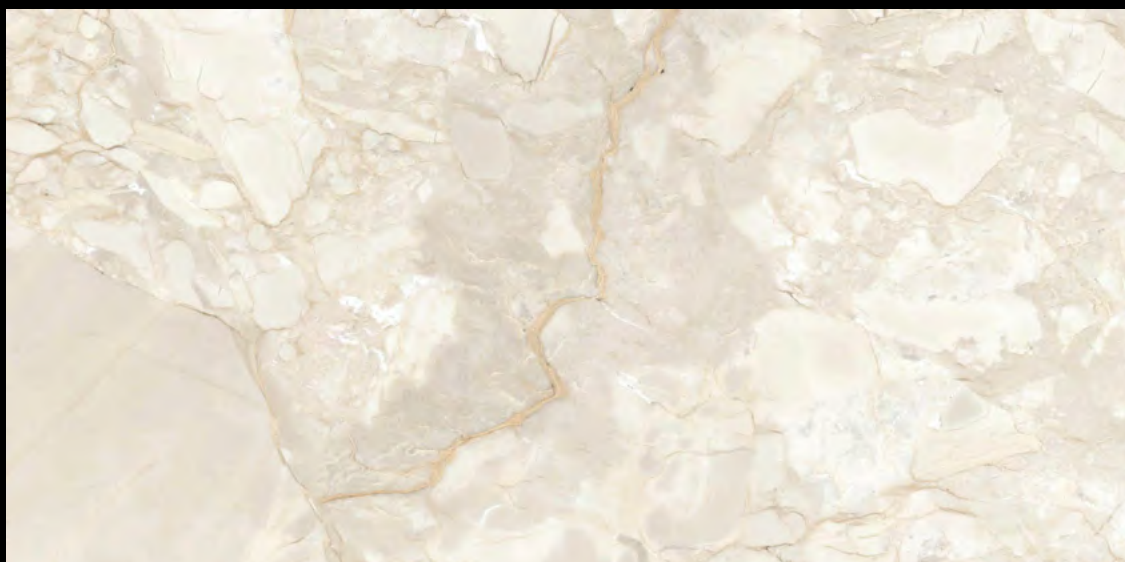
Random :  
3







## FERRO IVORY



600X1200  
MM

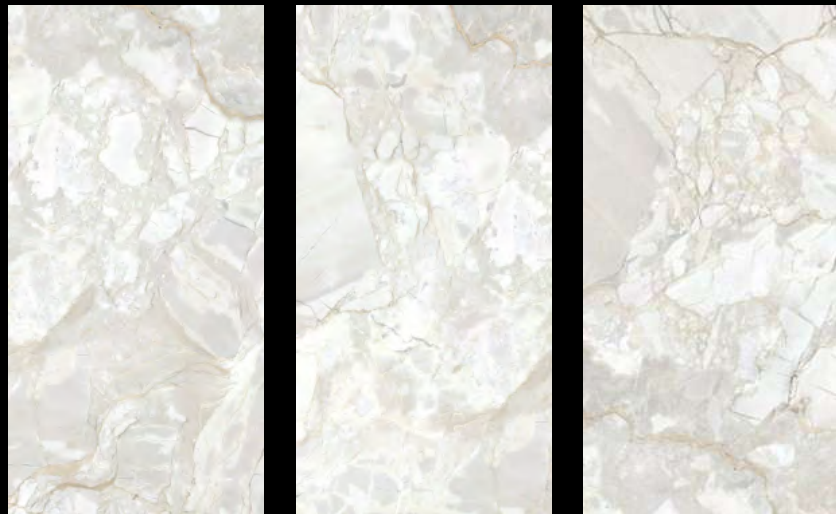


Thickness :  
9 MM

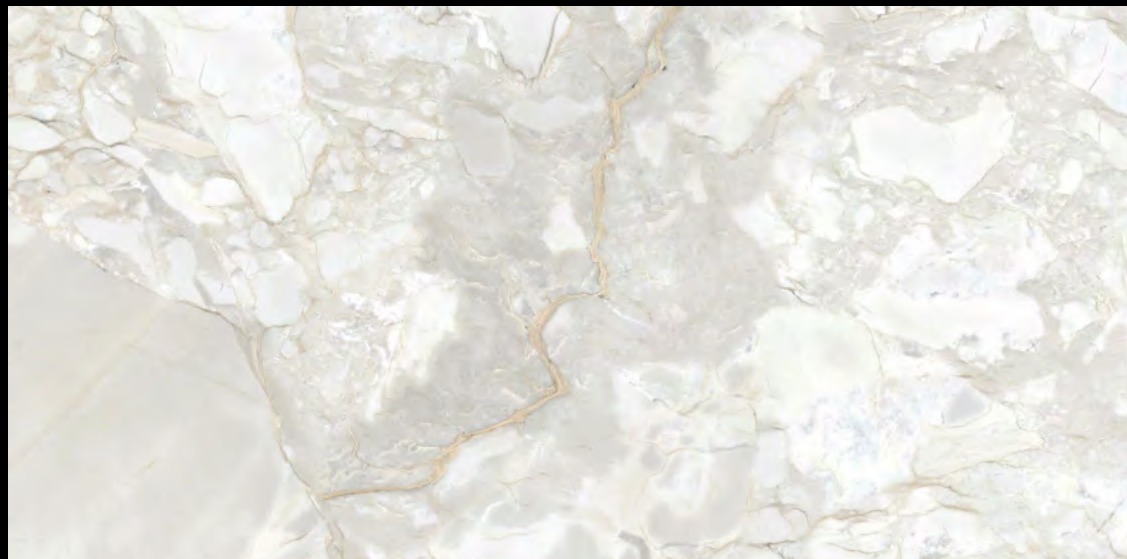
Finish :  
Glossy

Random :  
4





## FERRO BIANCO



Thickness :  
9 MM

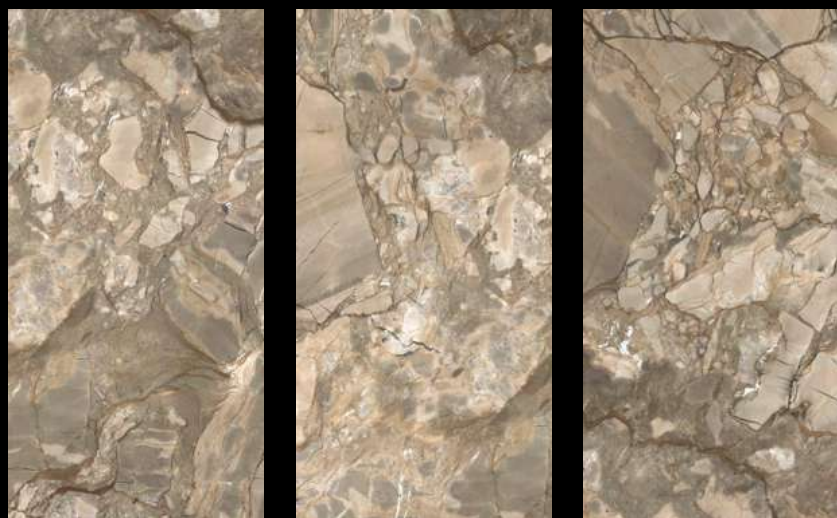
Finish :  
Glossy

Random :  
4





## FERRO BROWN



600X1200  
MM

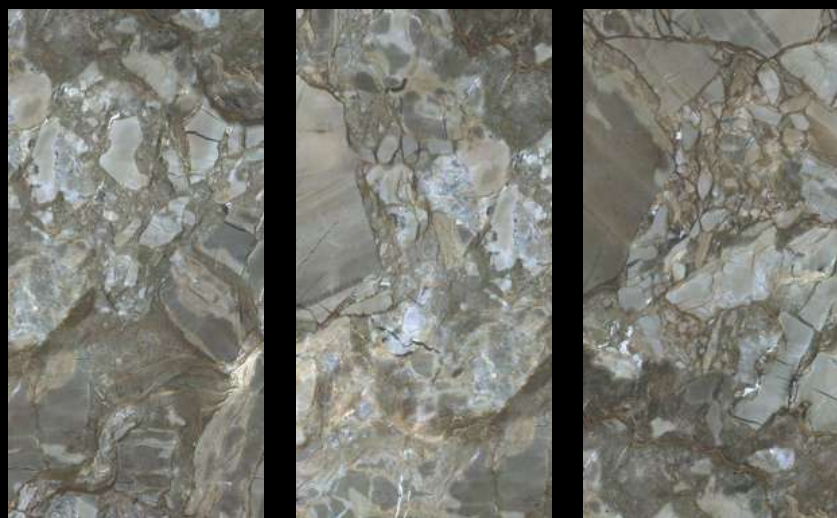


Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## FERRO GRISH



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## IMPERIAL BEIGE



600X1200  
MM



Thickness :  
9 MM

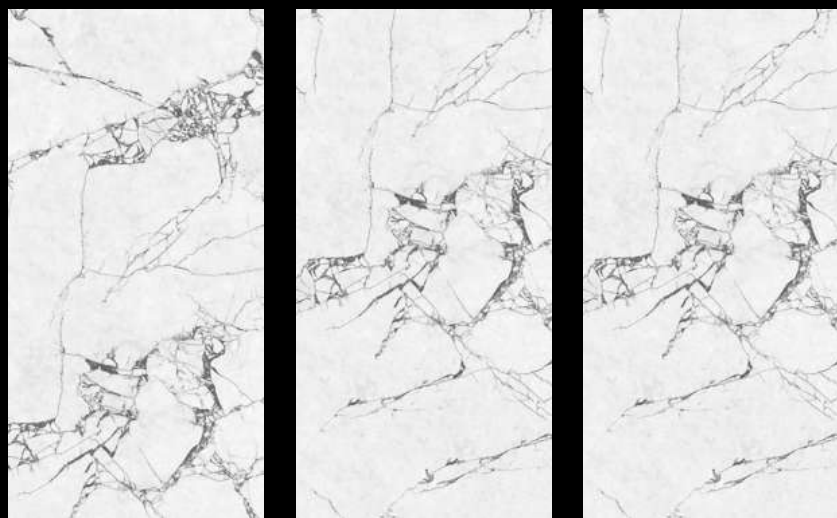
Finish :  
Glossy

Random :  
3





## IMPERIAL GREY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## IMPERIAL MULTY



600X1200  
MM

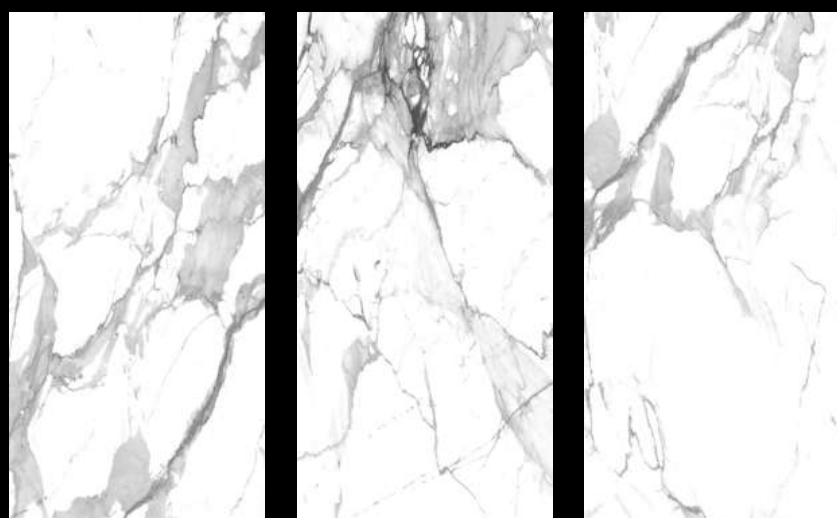


Thickness :  
9 MM

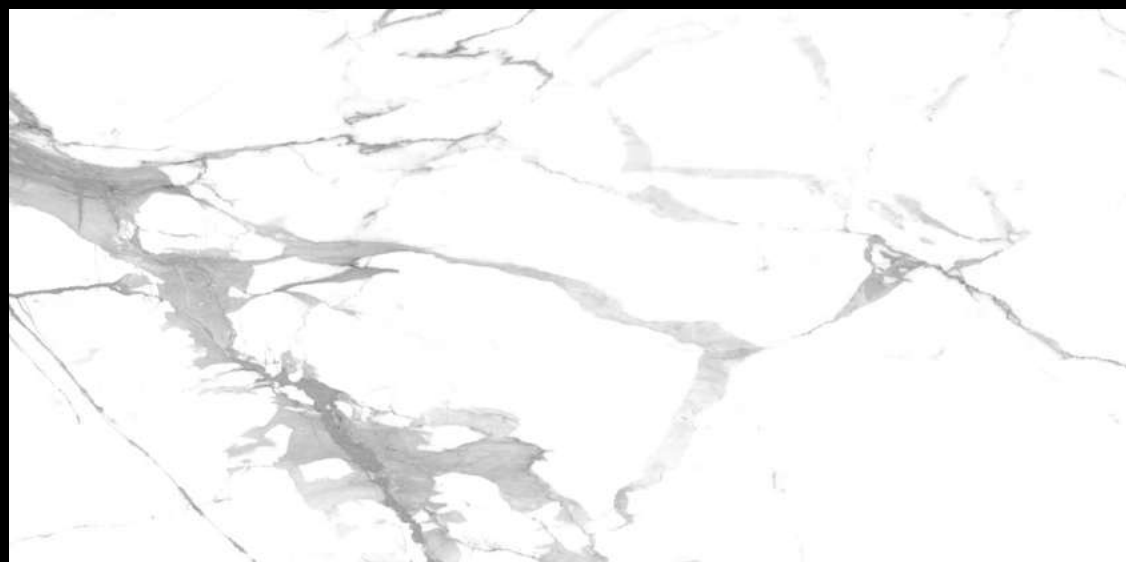
Finish :  
Glossy

Random :  
5





## IMPERIAL STATUARIO



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

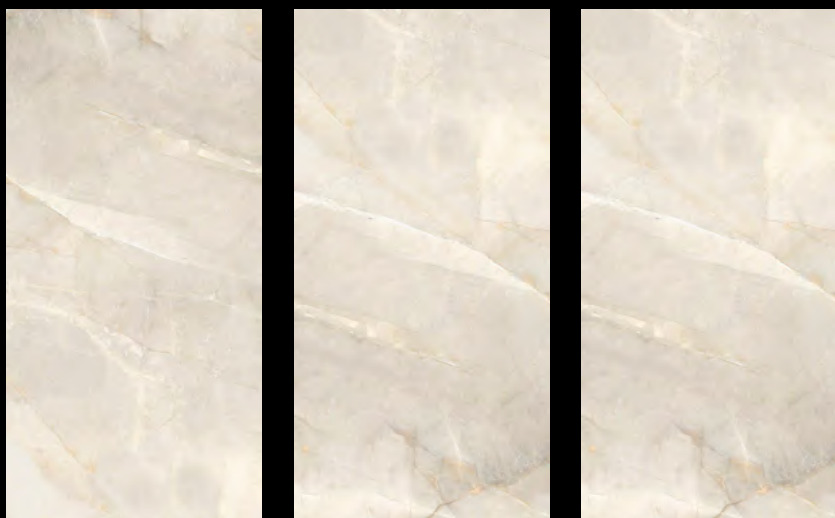
Random :  
5







## LIZA IVORY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## LIZA BROWN



600X1200  
MM



Thickness :  
9 MM

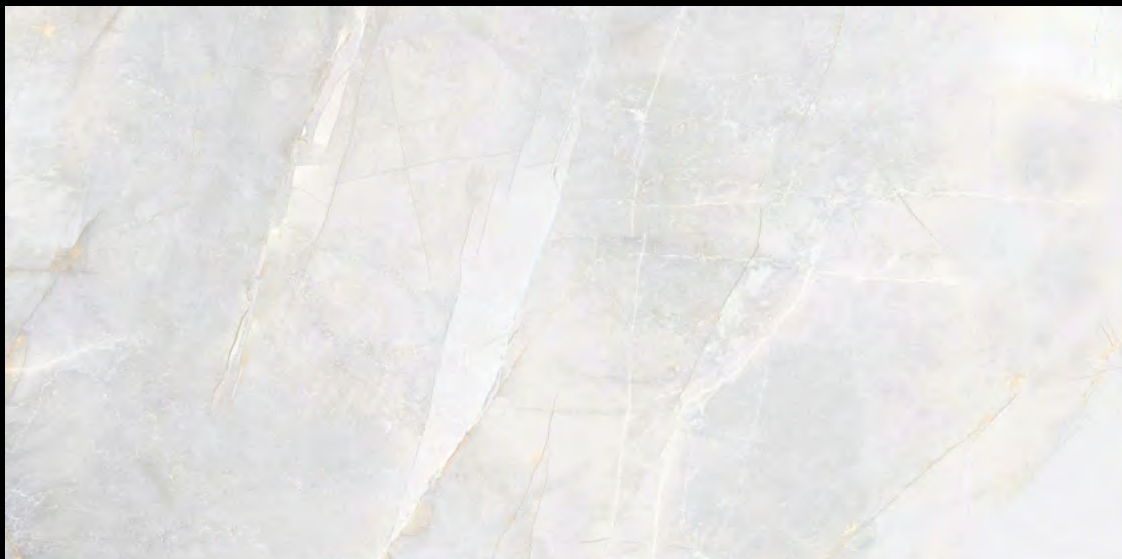
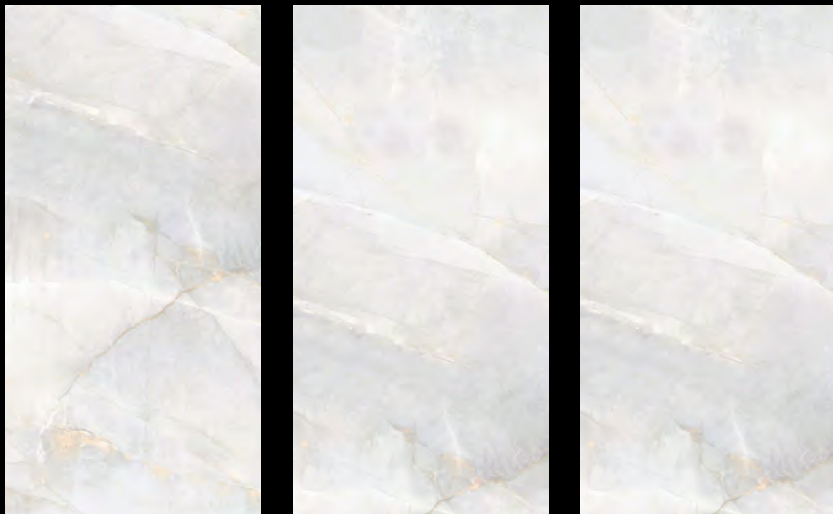
Finish :  
Glossy

Random :  
3





## LIZA BIANCO



600X1200  
MM



Thickness :  
9 MM

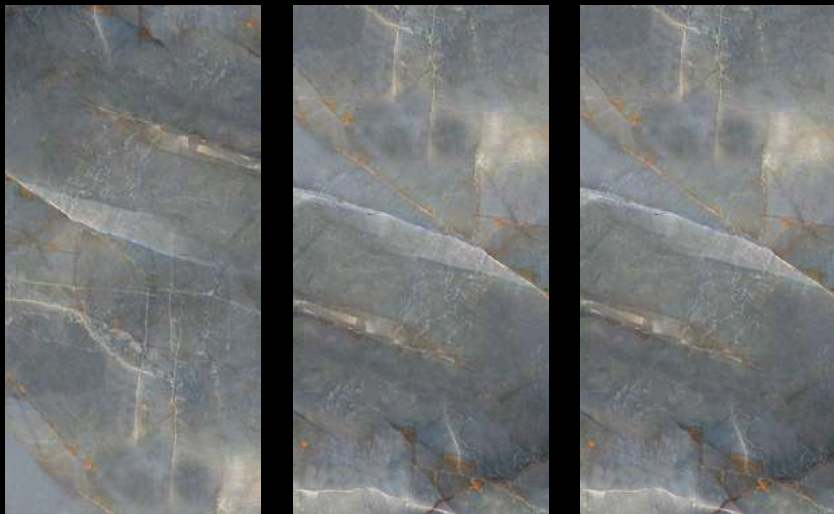
Finish :  
Glossy

Random :  
3





## LIZA NATURAL



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## MORROCO BIANCO



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## MORROCO NATURAL



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## MORROCO WHITE



600X1200  
MM



Thickness :  
9 MM

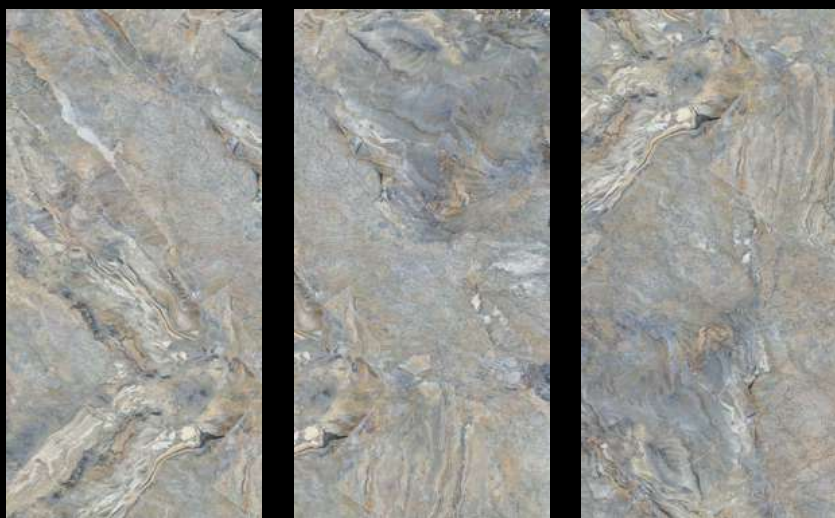
Finish :  
Glossy

Random :  
5





## MORROCO GREY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

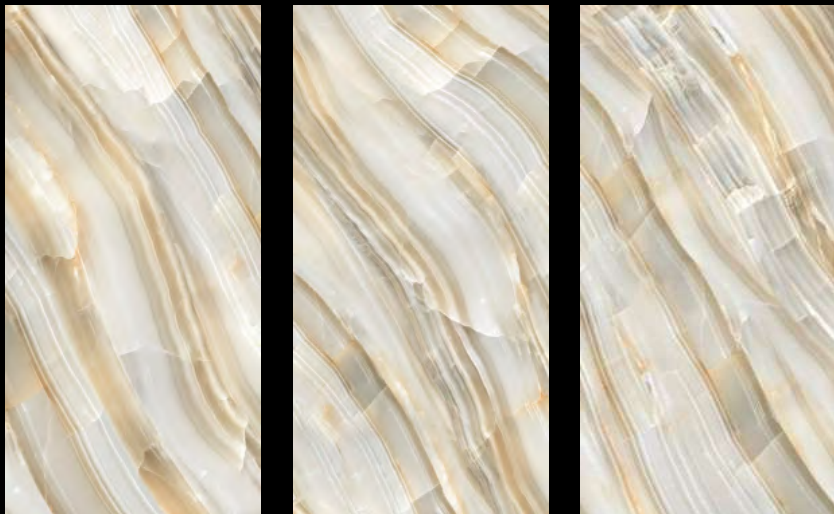
Random :  
5







## ALEXA ONYX BEIGE



600X1200  
MM



Thickness :  
9 MM

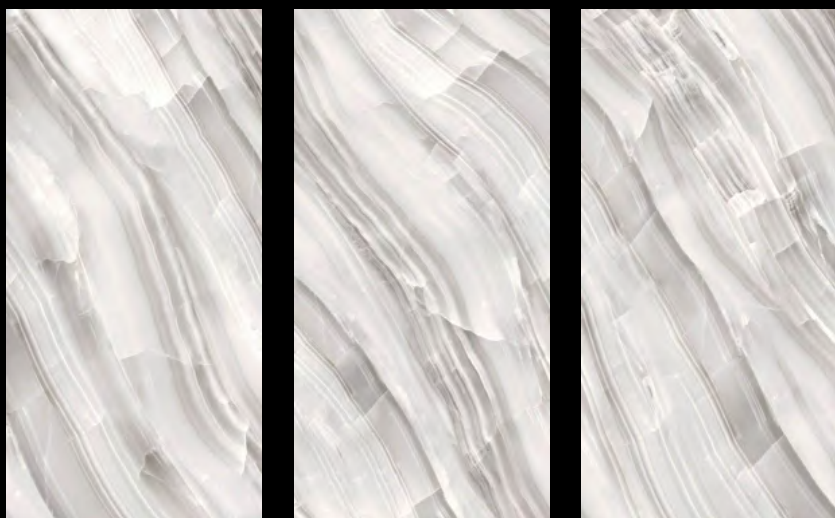
Finish :  
Glossy

Random :  
5





## ALEXA ONYX GRAY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## ALFREDO IVORY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## BONZE BOTTO CREAMA



600X1200  
MM



Thickness :  
9 MM

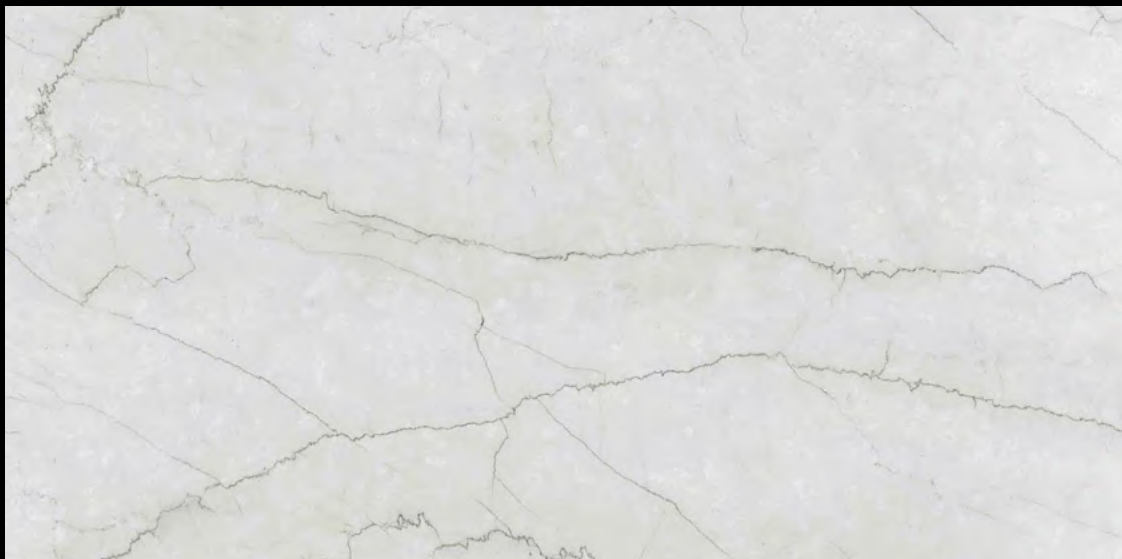
Finish :  
Glossy

Random :  
3





## BOTTOCHINO GREY



600X1200  
MM



Thickness :  
9 MM

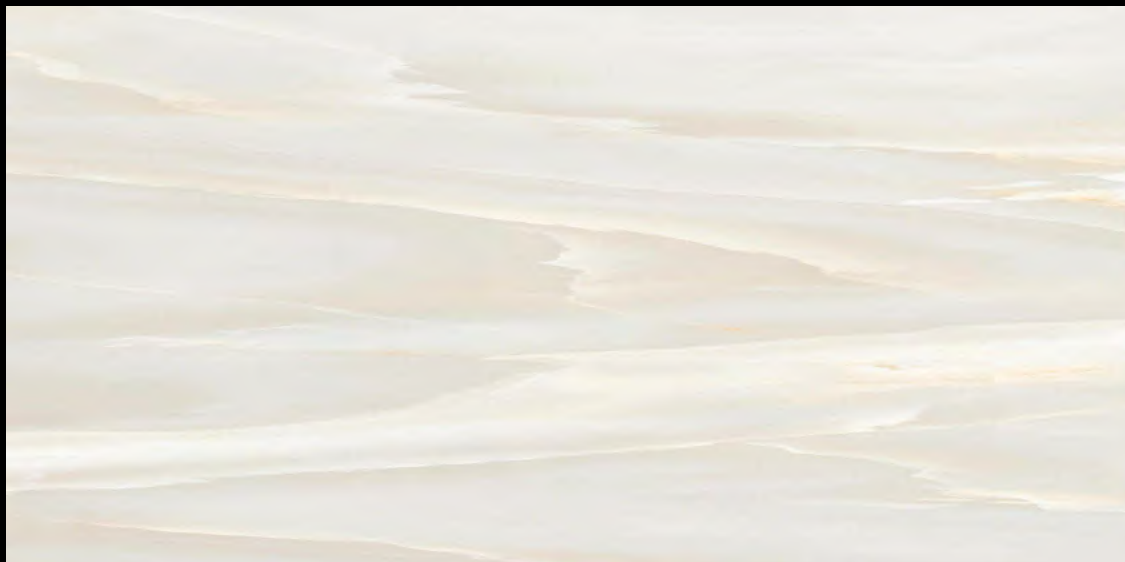
Finish :  
Glossy

Random :  
5





## CARDIO NATURAL



600X1200  
MM



Thickness :  
9 MM

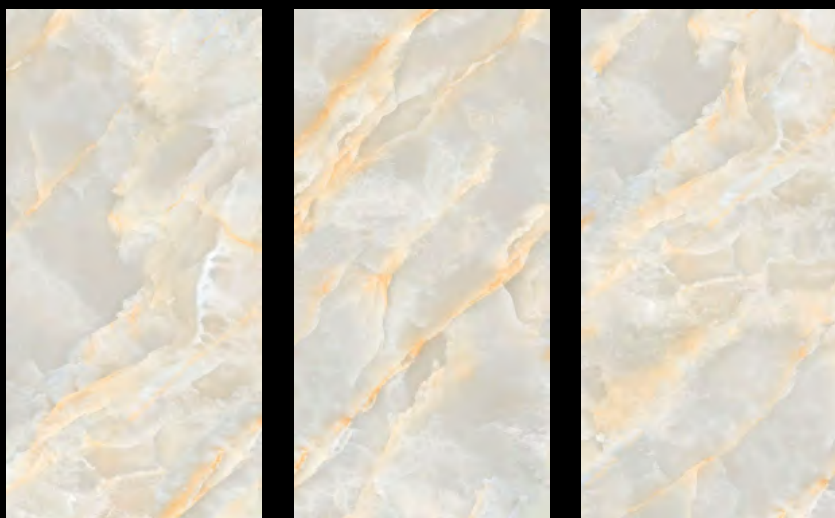
Finish :  
Glossy

Random :  
5





## CLOUD ONYX



600X1200  
MM

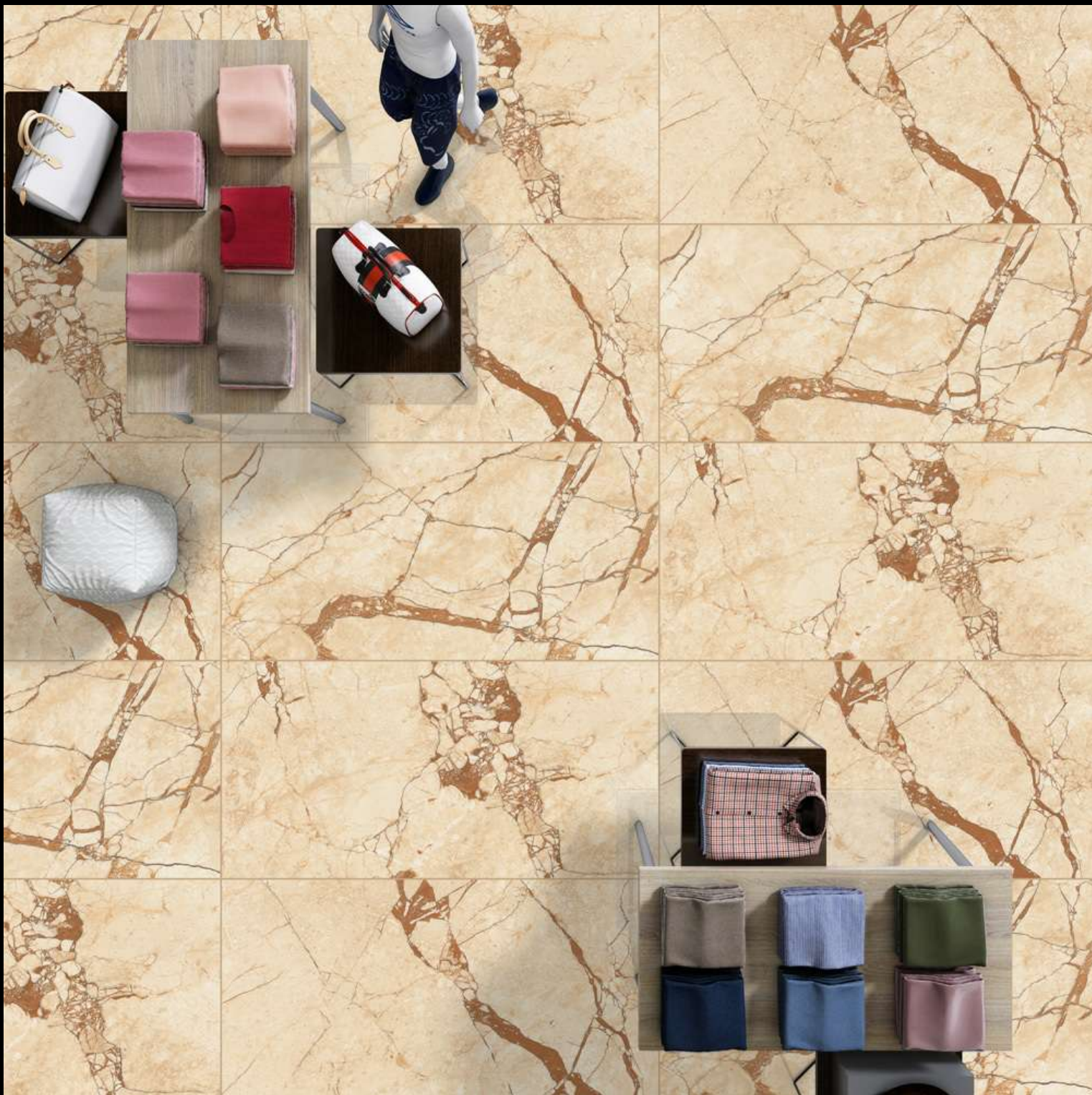


Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## COSMO BEIGE



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3







## COSMO BIANCO



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## DEO ONYX



600X1200  
MM



Thickness :  
9 MM

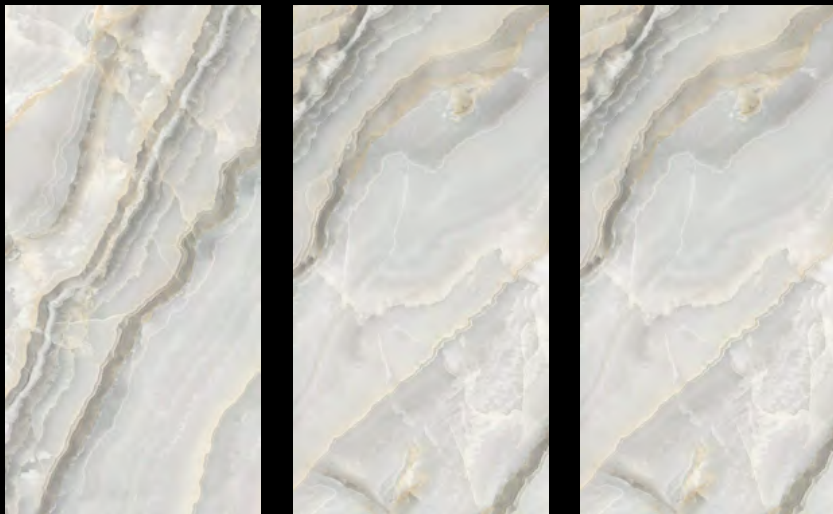
Finish :  
Glossy

Random :  
5





## DOLCER ONYX



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## DYNA BEIGE



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## DYNA BIANCO



600X1200  
MM

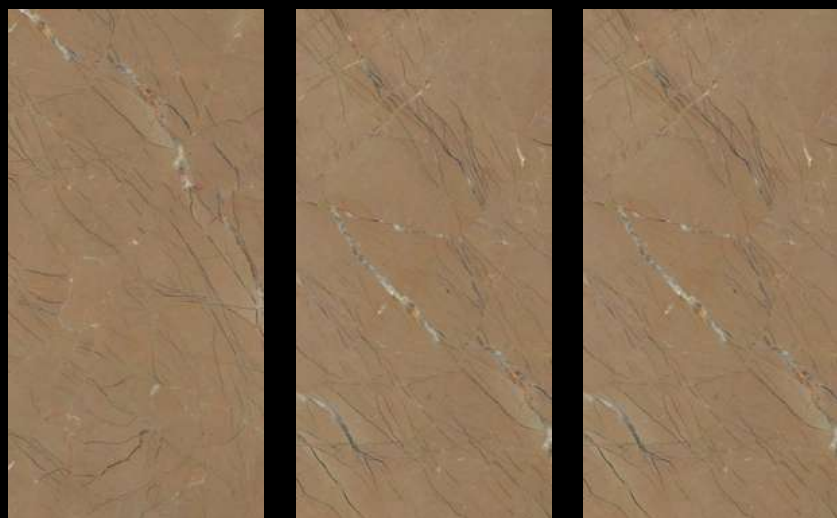


Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## ELEGANCE BROWN



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## ELEGANCE IVORY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## FOSSIL BEIGE



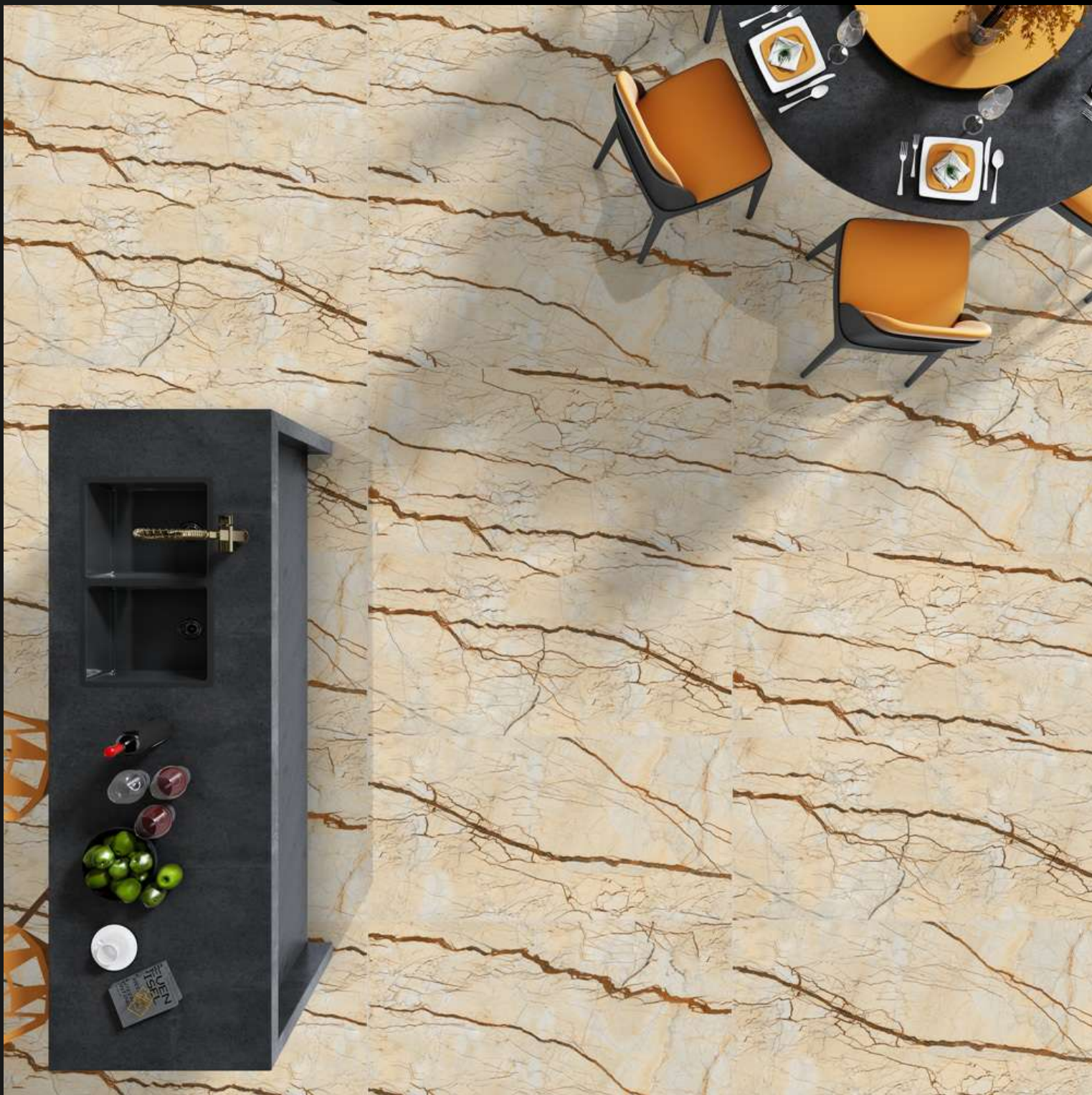
Thickness :  
9 MM

Finish :  
Glossy

Random :  
5







## FUSION BEIGE



600X1200  
MM



Thickness :  
9 MM

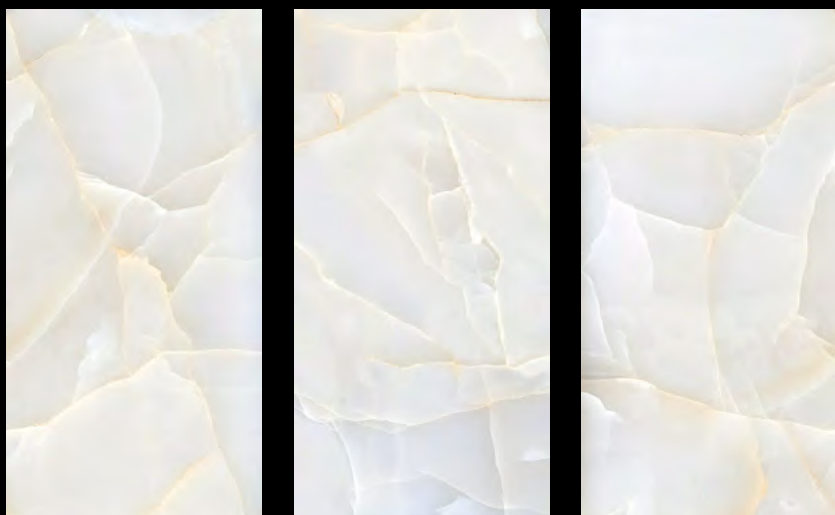
Finish :  
Glossy

Random :  
4





## GALAXY ONYX



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## GALAXY ONYX BEIGE



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## GEMMA ONYX BEIGE



600X1200  
MM



Thickness :  
9 MM

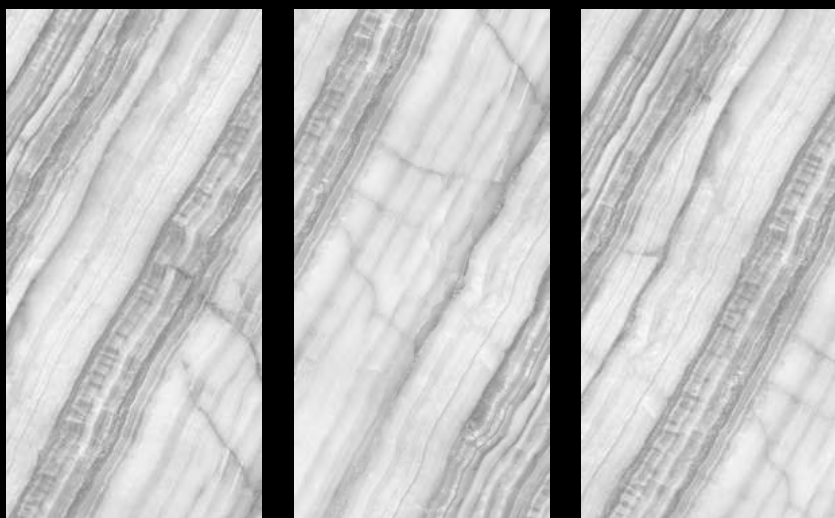
Finish :  
Glossy

Random :  
5





## GEMMA ONYX GRAY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## GOLDEN BRECCIA



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## HARMONY NATURAL



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## HONEY ONYX



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4







## IRIS BEIGE



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## IRIS BROWN



600X1200  
MM



Thickness :  
9 MM

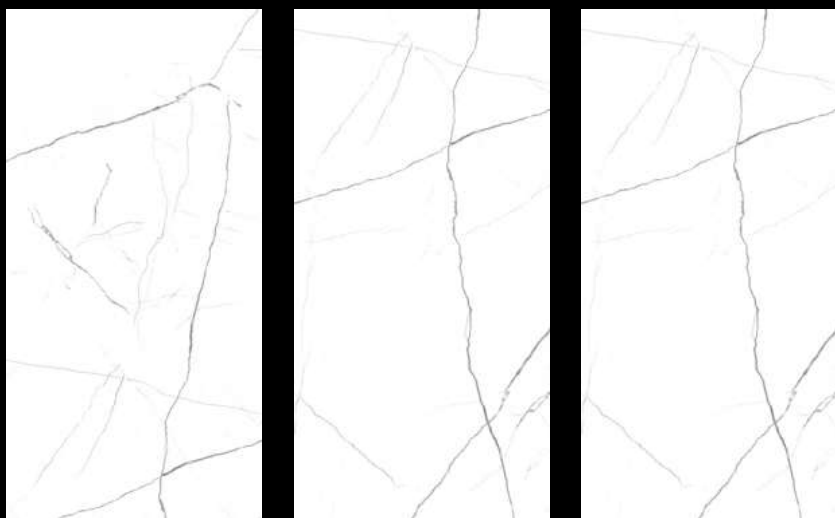
Finish :  
Glossy

Random :  
4





## LINER BLACK



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## MADONA BIANCO



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## MADONA GREY



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## MADONA IVORY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## MADONA NATURAL



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## MAXICAN SATAVARIO



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5







## MELODY ONYX



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## MICHEL DYNA



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## NATURAL SATAVARIO



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## NEXA DYNA BROWN



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## NEXA DYNA CREMA



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## PEARL STATUARIO

600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
6





## PERSIAN BEIGE



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## PERSIAN IVORY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

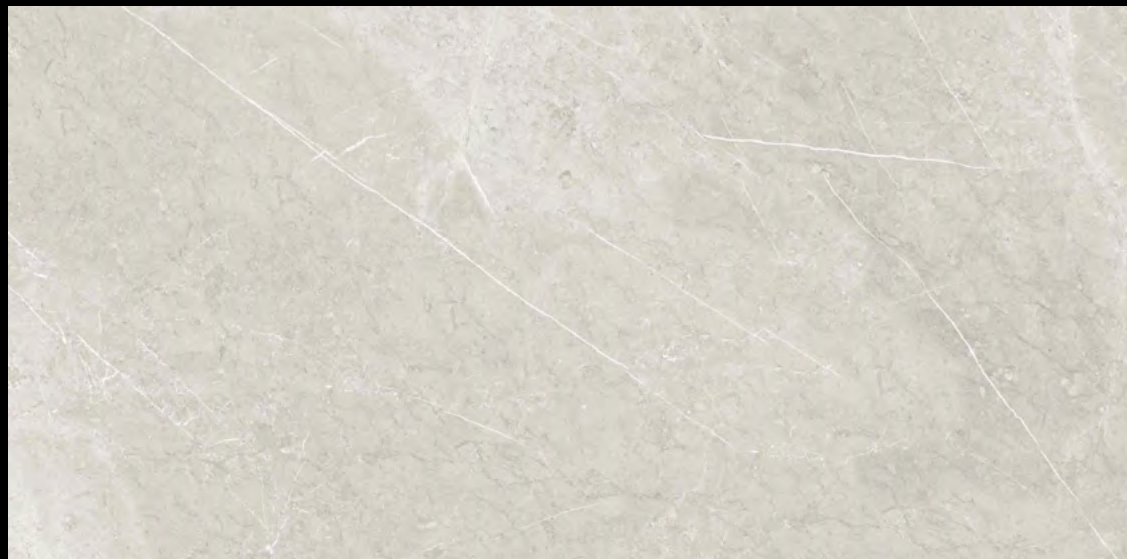
Random :  
4







## PISA BIANCO



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## PISA BROWN



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## PISA GRAY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## PISA IVORY



600X1200  
MM

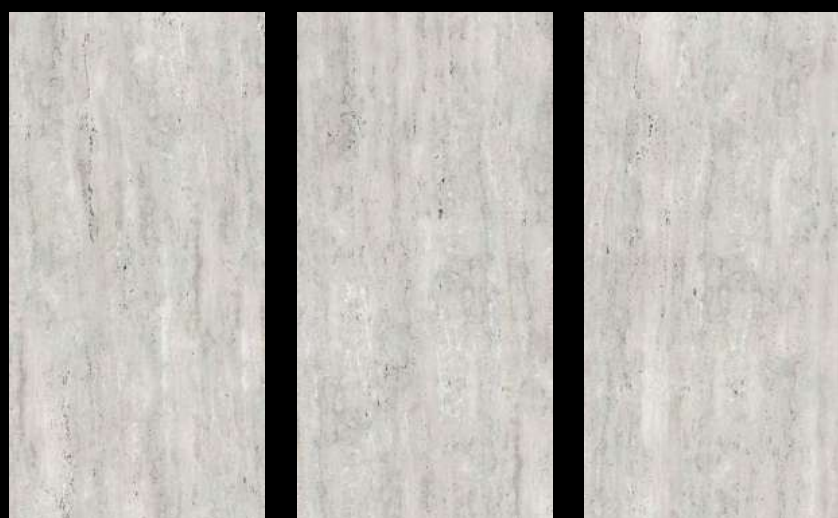


Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## REAL TRAVERTINO GRIS



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## REAL TRAVERTINO IVORY



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## RICH BOTTOCHINO



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## RICH MARFIL



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4







## ROSALIA BEIGE



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## SCARLET BEIGE



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## SCARLET BIANCO



600X1200  
MM

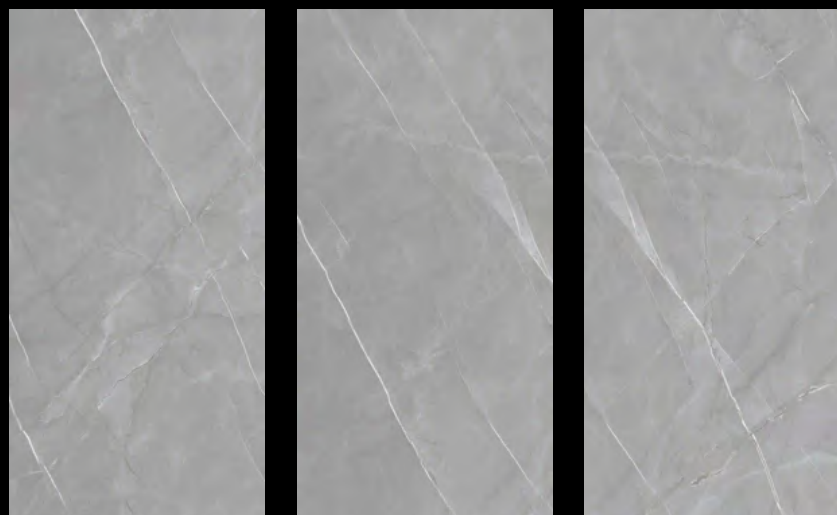


Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## SCARLET GREY



600X1200  
MM

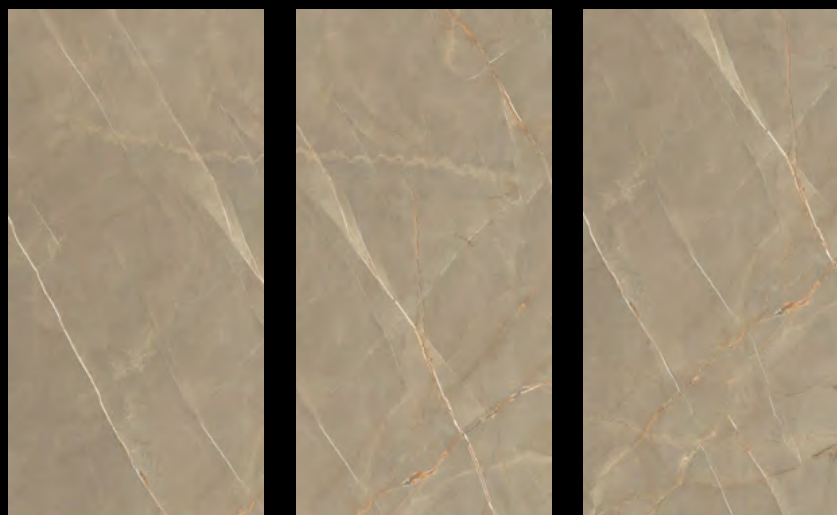


Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## SCARLET NATURAL



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## SNAR CREAM



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## SNAR PEARL



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## SPIDER BIANCO



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

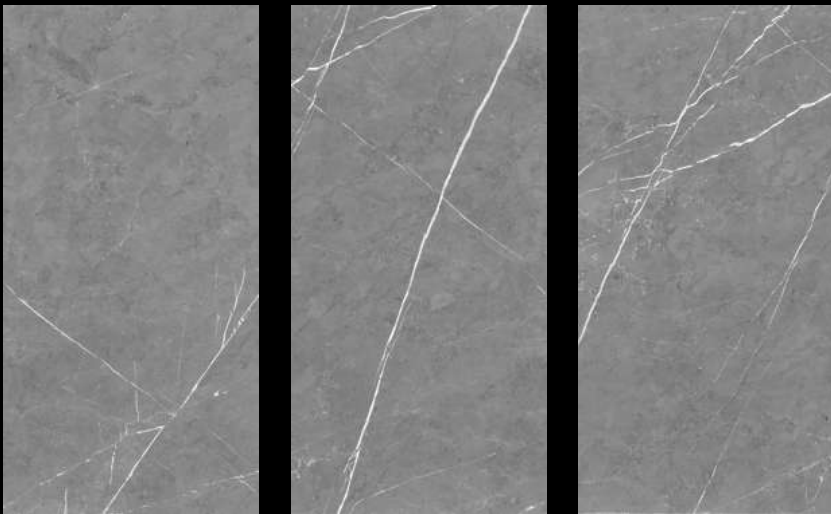
Random :  
5







## SPIDER GRAY



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## SPIDER WHITE



Thickness :  
9 MM

Finish :  
Glossy

Random :  
4





## TARRAZO BIANCO



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## TARRAZO GRAY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## TERO WHITE



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## THUNDAR ONYX



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## TRAVERTINO RED



600X1200  
MM



Thickness :  
9 MM

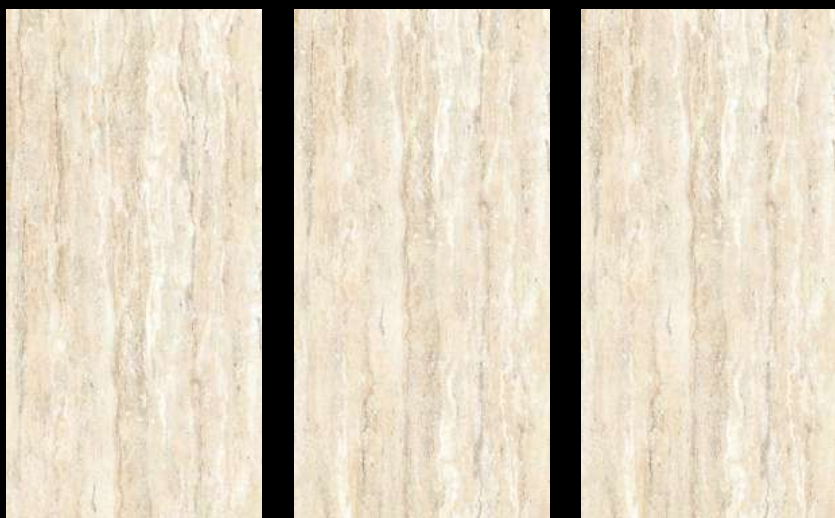
Finish :  
Glossy

Random :  
3





## TRIVEGO IVORY



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3







## ULTIMO ONYX MULTY



600X1200  
MM



Thickness :  
9 MM

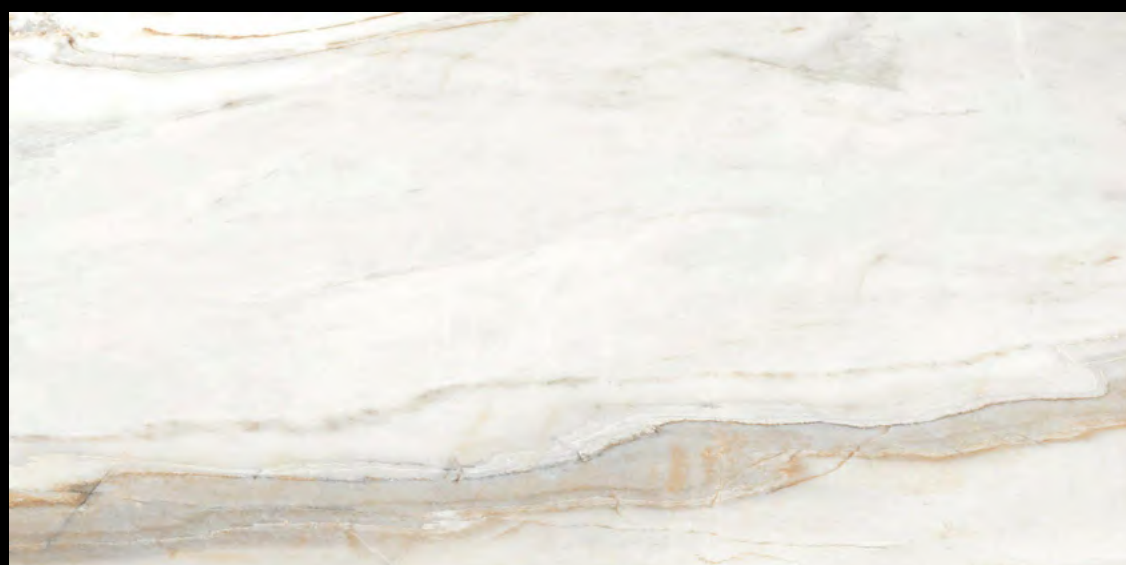
Finish :  
Glossy

Random :  
4





## VALENTINO NATURAL



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## VENEZUELA BROWN



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3





## VOLAKAS NATURAL



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## VOLKAS BEIGE



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
5





## VOLVO BEIGE



600X1200  
MM



Thickness :  
9 MM

Finish :  
Glossy

Random :  
3



# TECHNICAL SPECIFICATION

CHARACTERISTIC	STANDARD AS PER ISO-13006/EN 14411 GROUP BIa	MEAN VALUE OF POLISHED GVT	MEAN VALUE OF RUSTIC GVT	TEST METHOD
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## 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	±0.5 %	±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

## STRUCTURAL 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 <sup>2</sup>	Min. 40 N/mm <sup>2</sup>	Min. 40 N/mm <sup>2</sup>	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 HYGROMETRIC 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. 9.0 x 10 <sup>-6</sup>	Max. 6.5x10 <sup>-6</sup>	Max. 6.5 x 10 <sup>-6</sup>	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.	Fire proof	Fire proof	N. A.
Lead & Cadmium given off by glazed tiles	As per mfg.	Does not yield Pb & Cd	Does not yield Pb & Cd	ISO-10545-15

# IRAZO

CLAY MEETS CLASS



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