GLOSSY MATT CARVING

120 x 180cm | 48" x 72"





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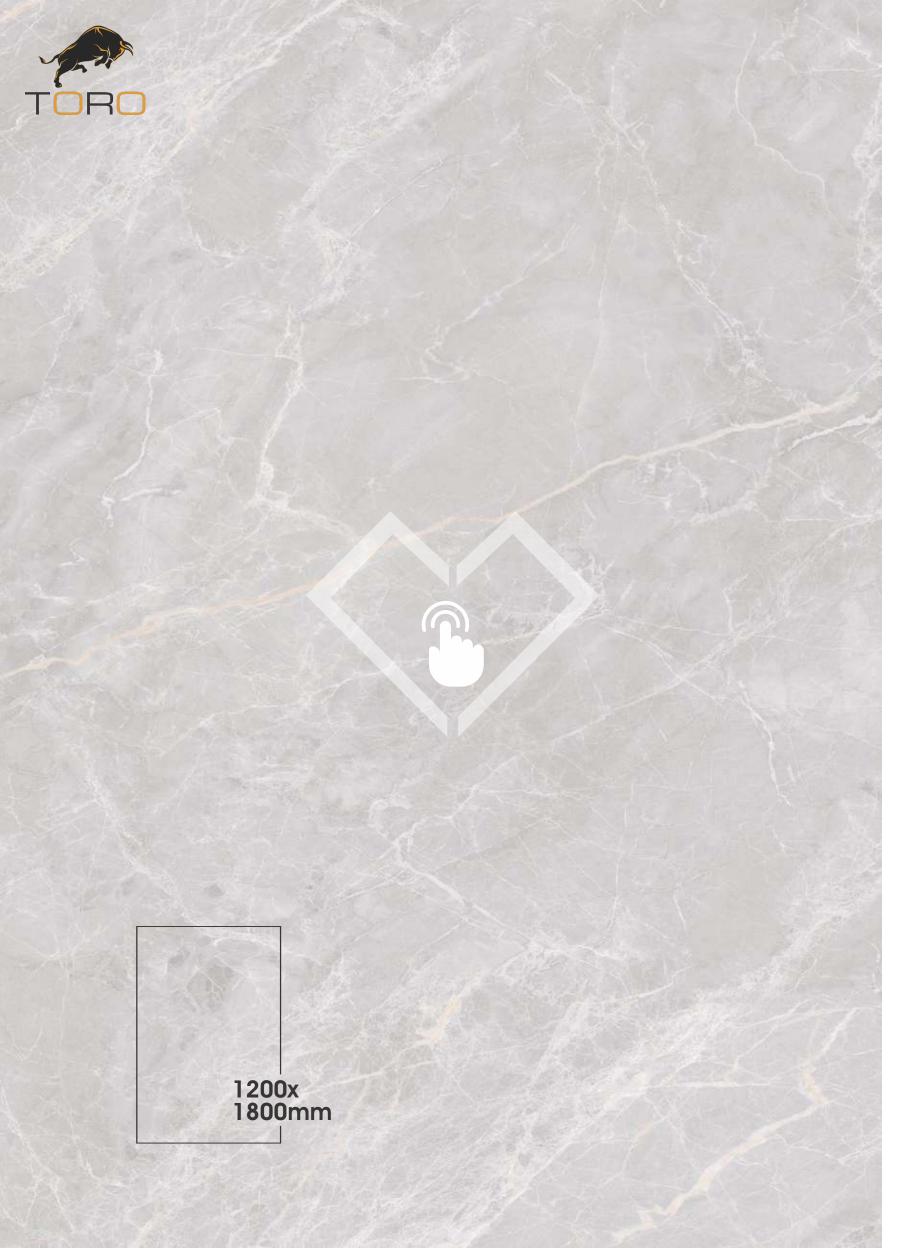
Contact Us-

- +91 99251 40151 | +91 97277 70091
- torotiles.exp@gmail.com
- www.torotiles.com







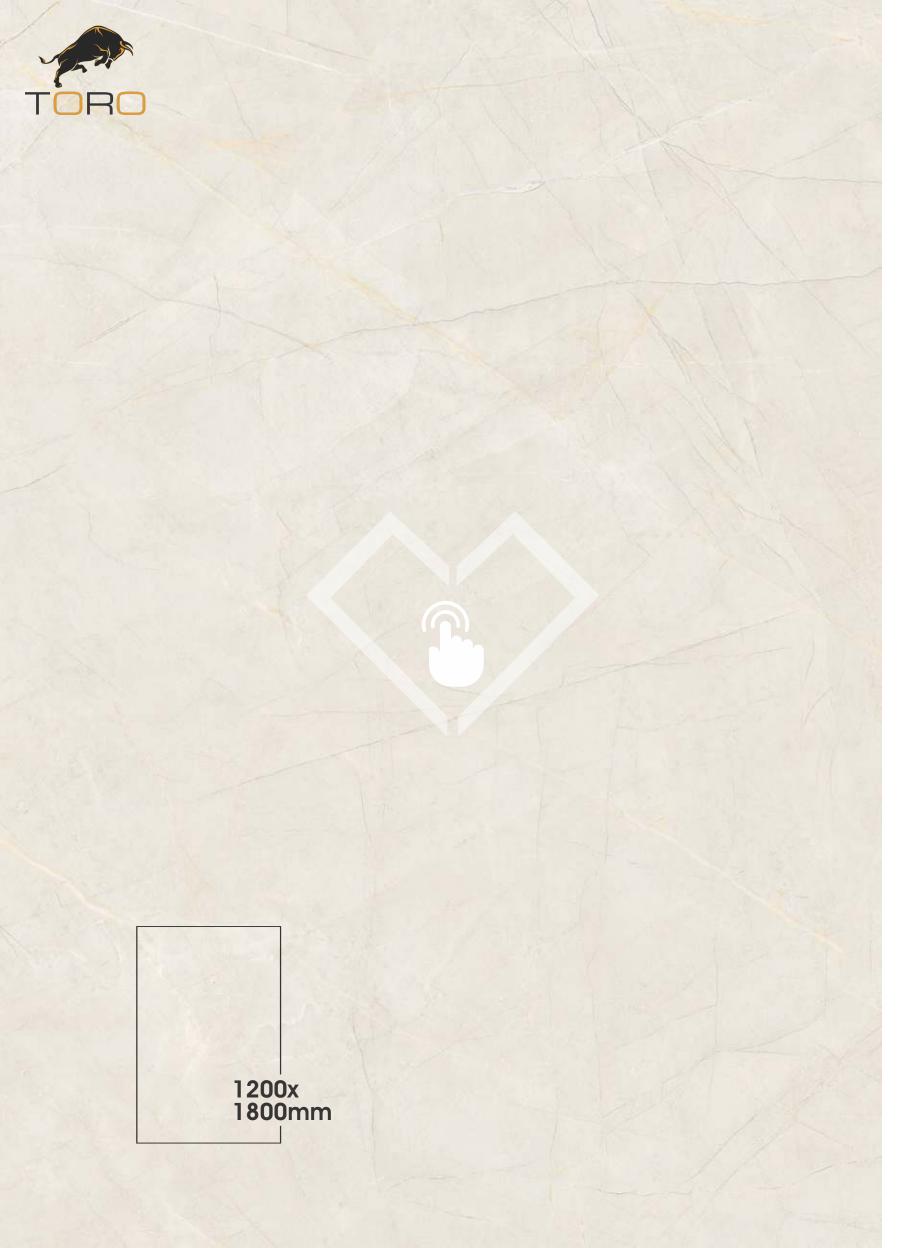


AFLON GREY

Finish

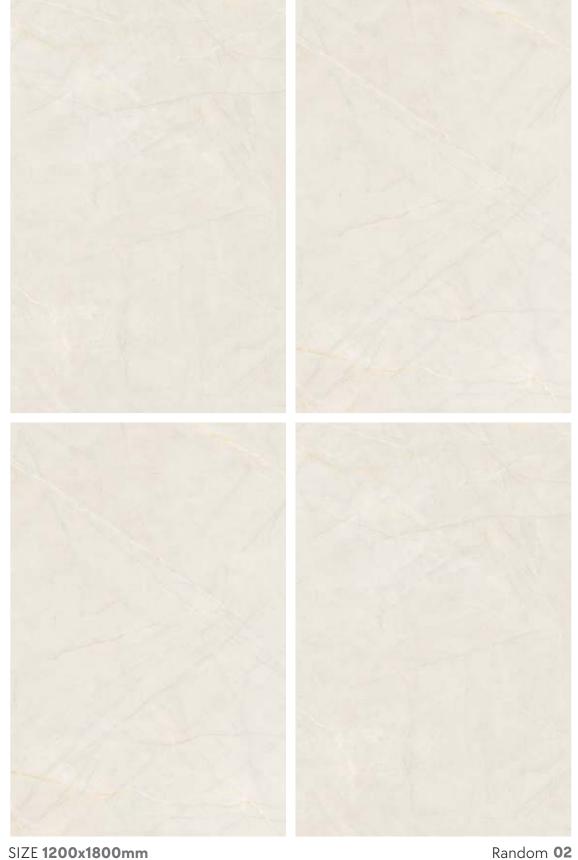


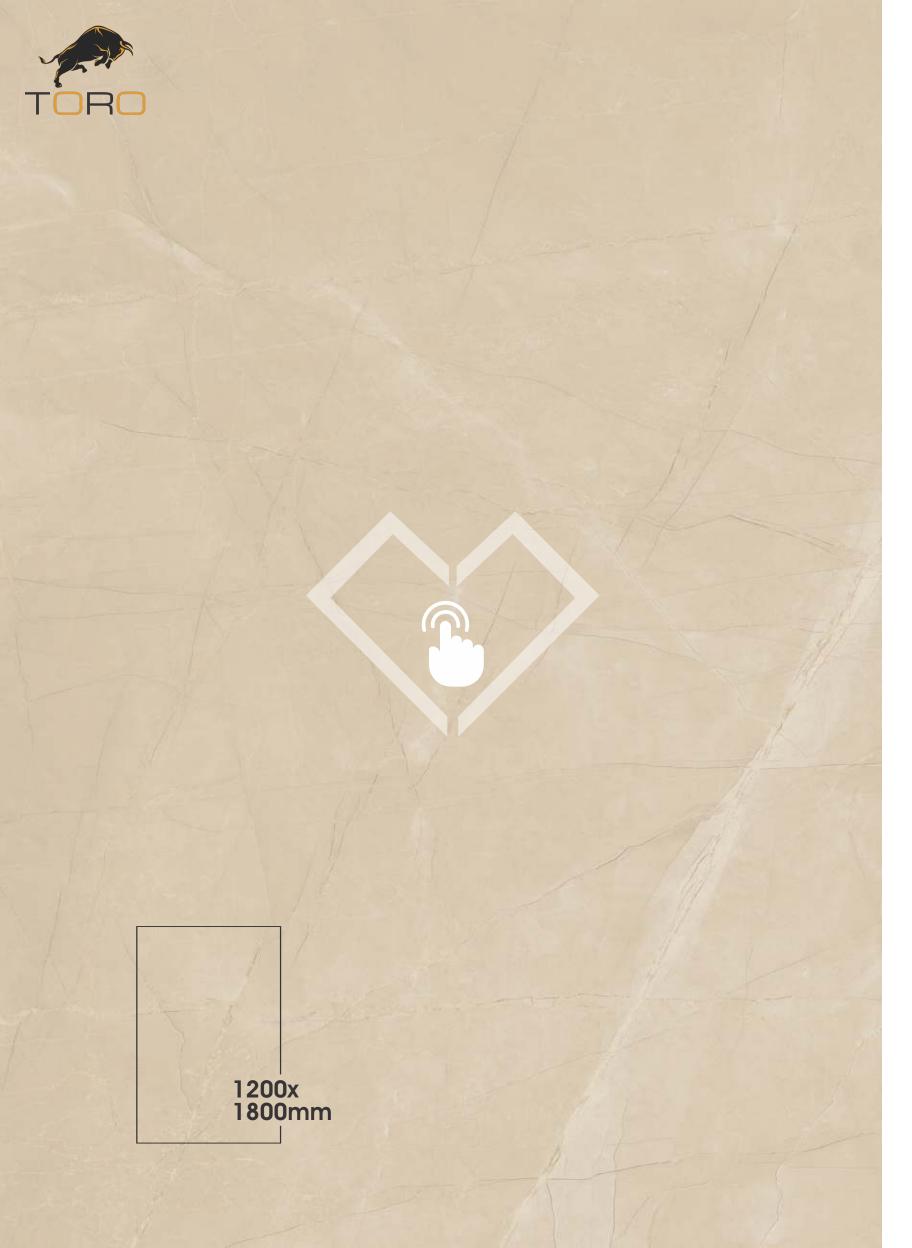




ARMANI AROMA

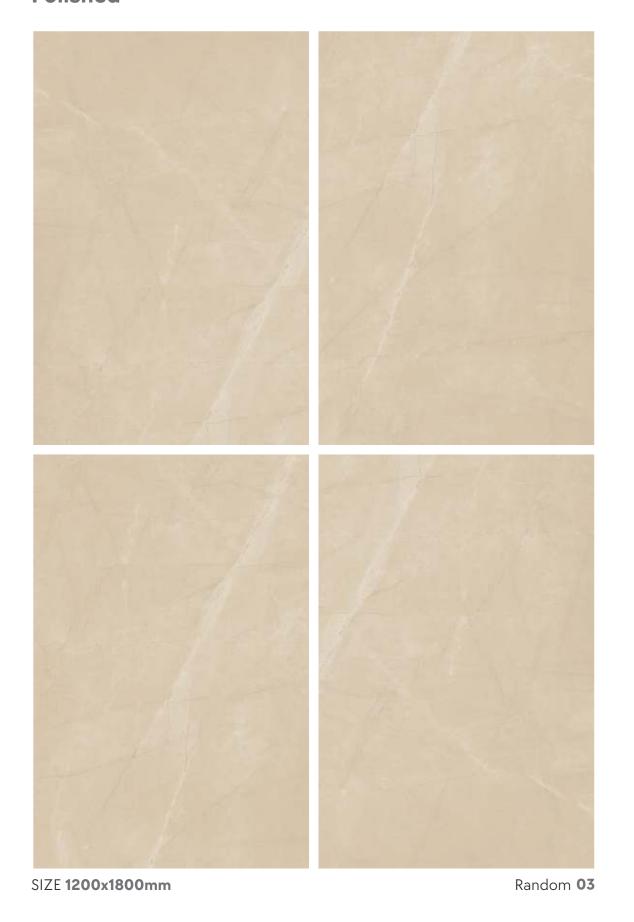
Finish





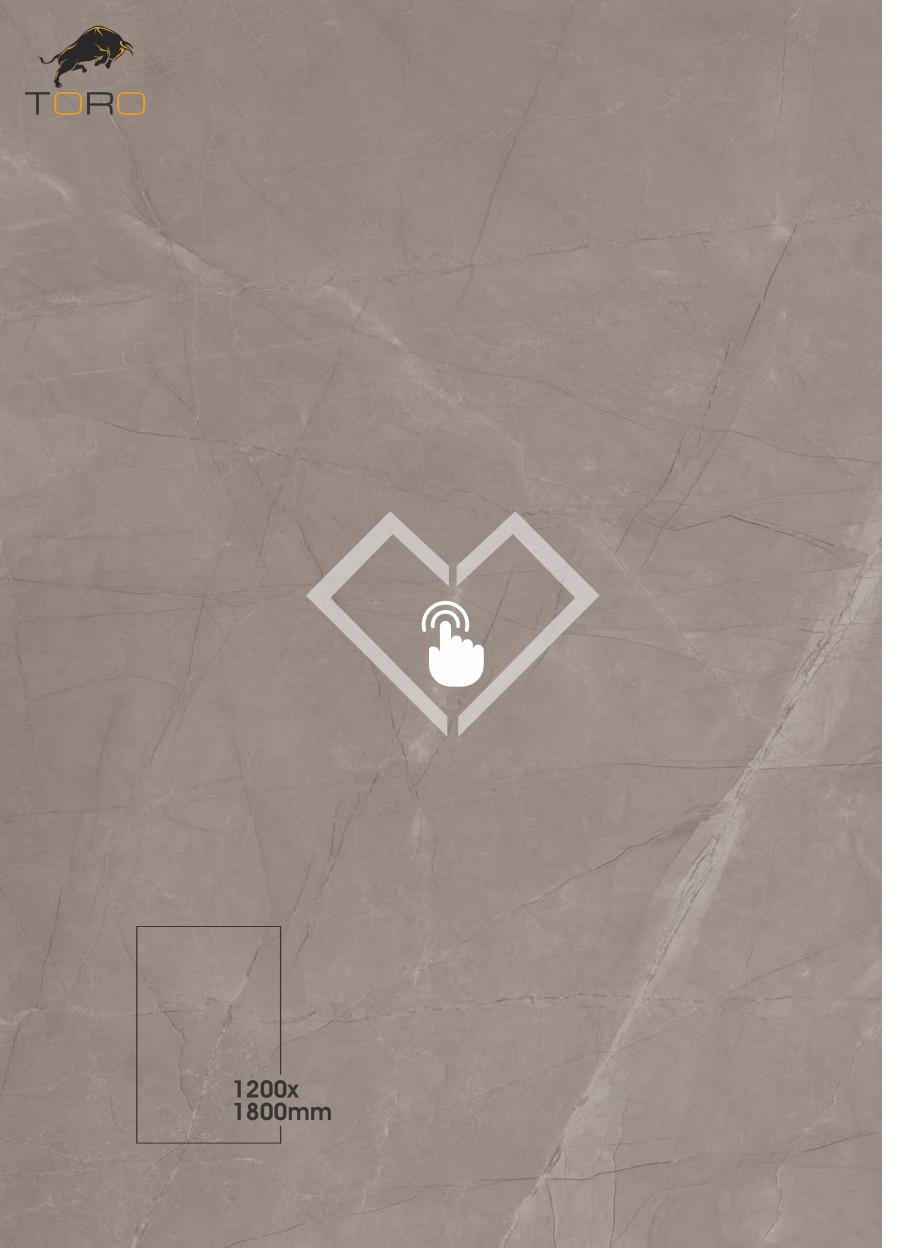
ARMANI BROWN

Finish





ARMANI CICOLATO



ARMANI CICOLATO

Finish



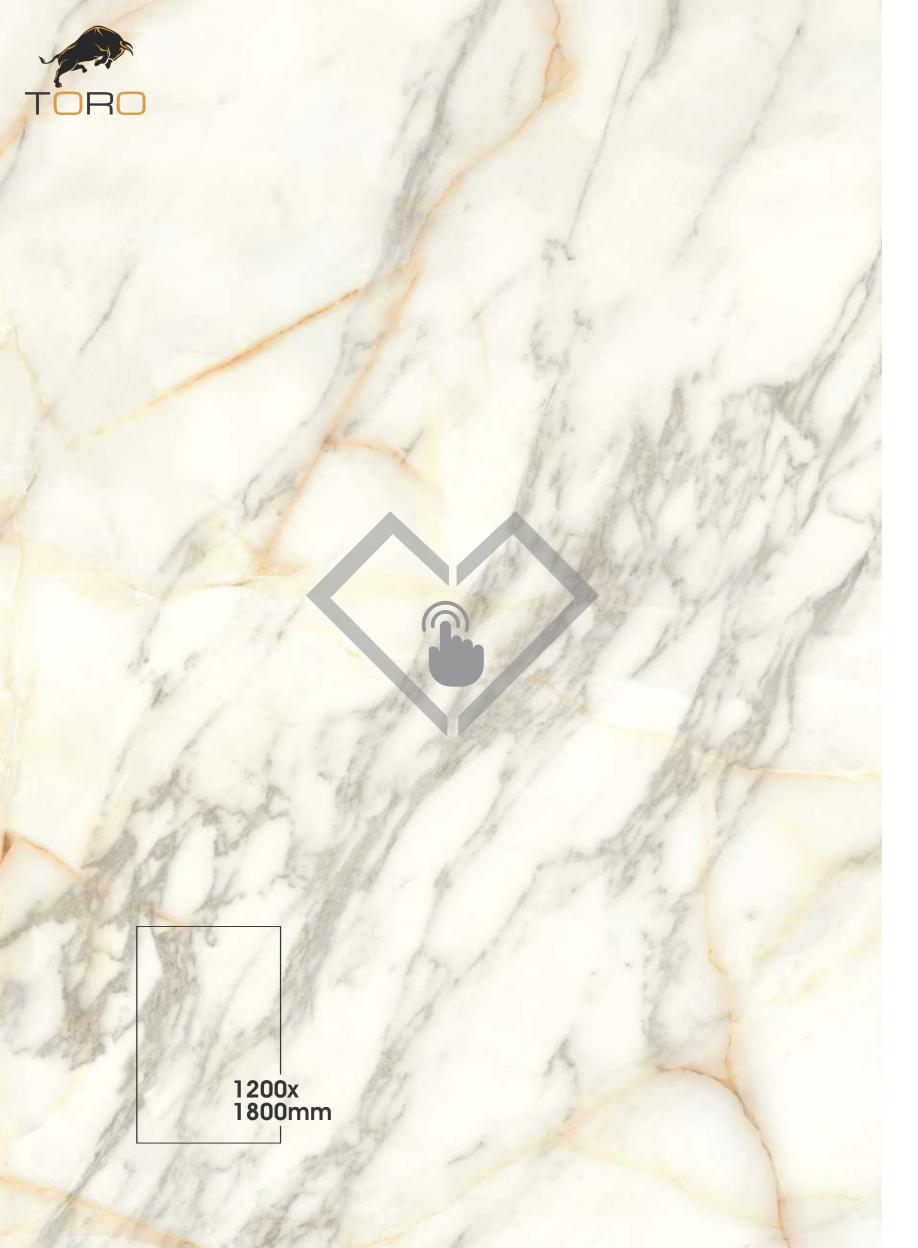




ARMANI LIGHT

Finish Polished

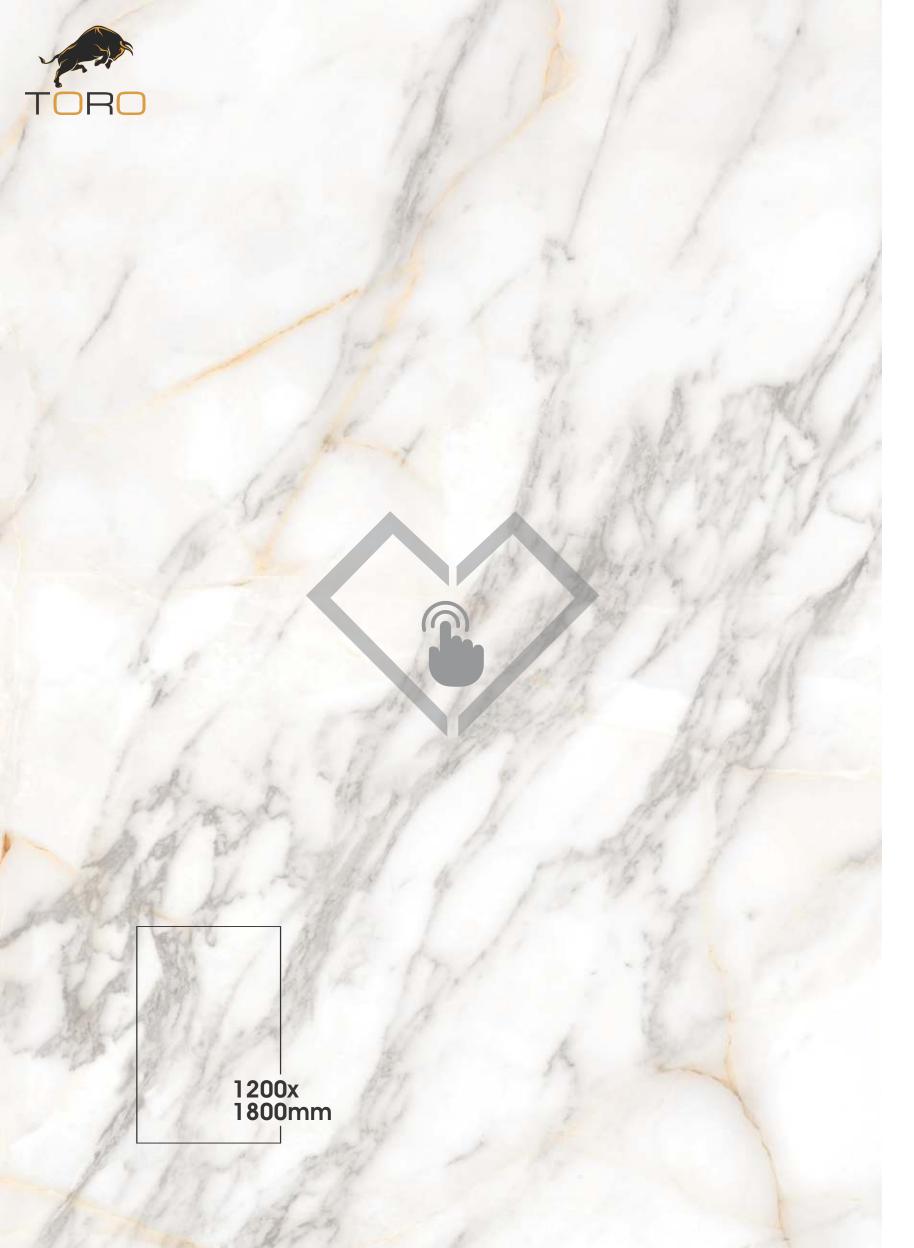




BISTROT GOLDEN

Finish Polished



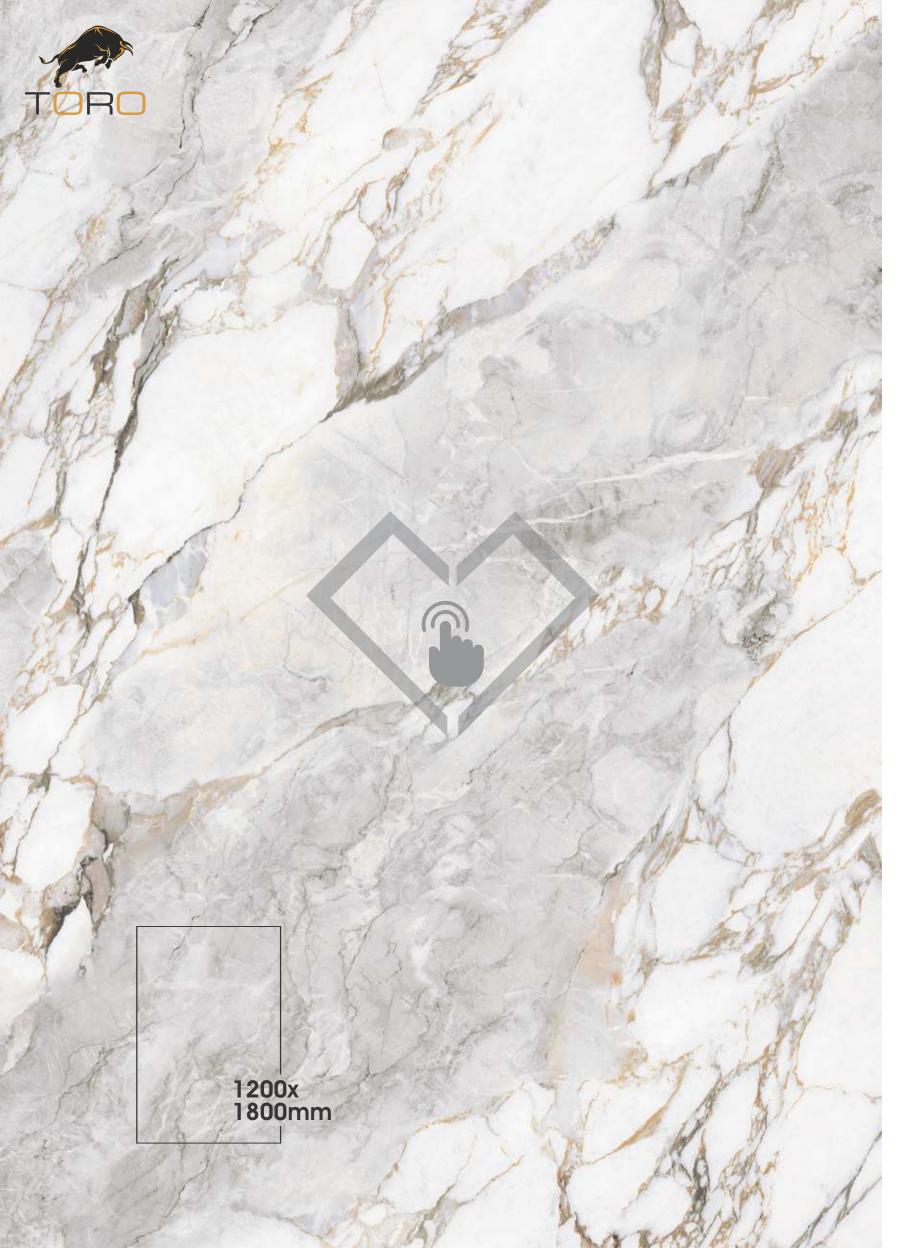


BISTROT WHITE

Finish **Polished**



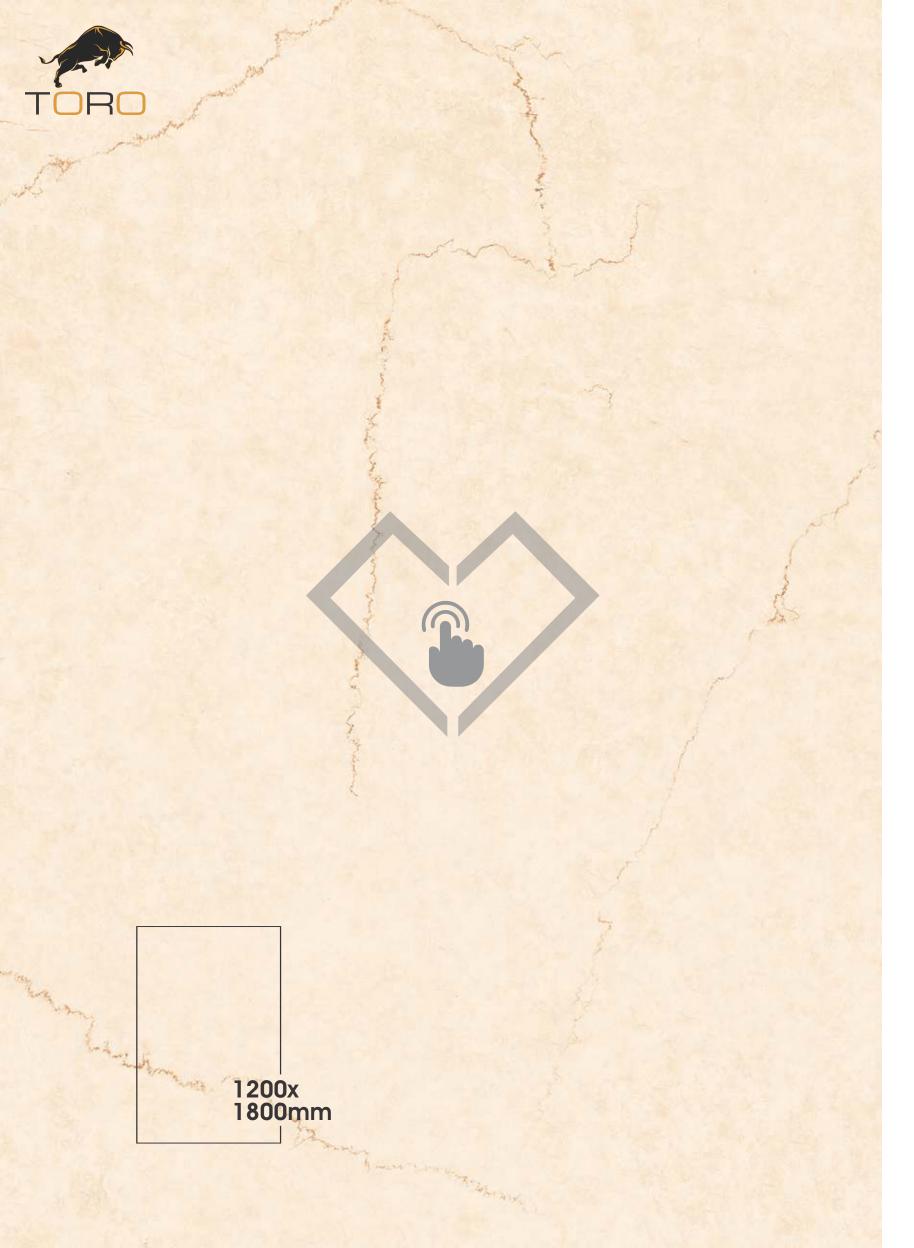




BLEND GREY

Finish **Polished**



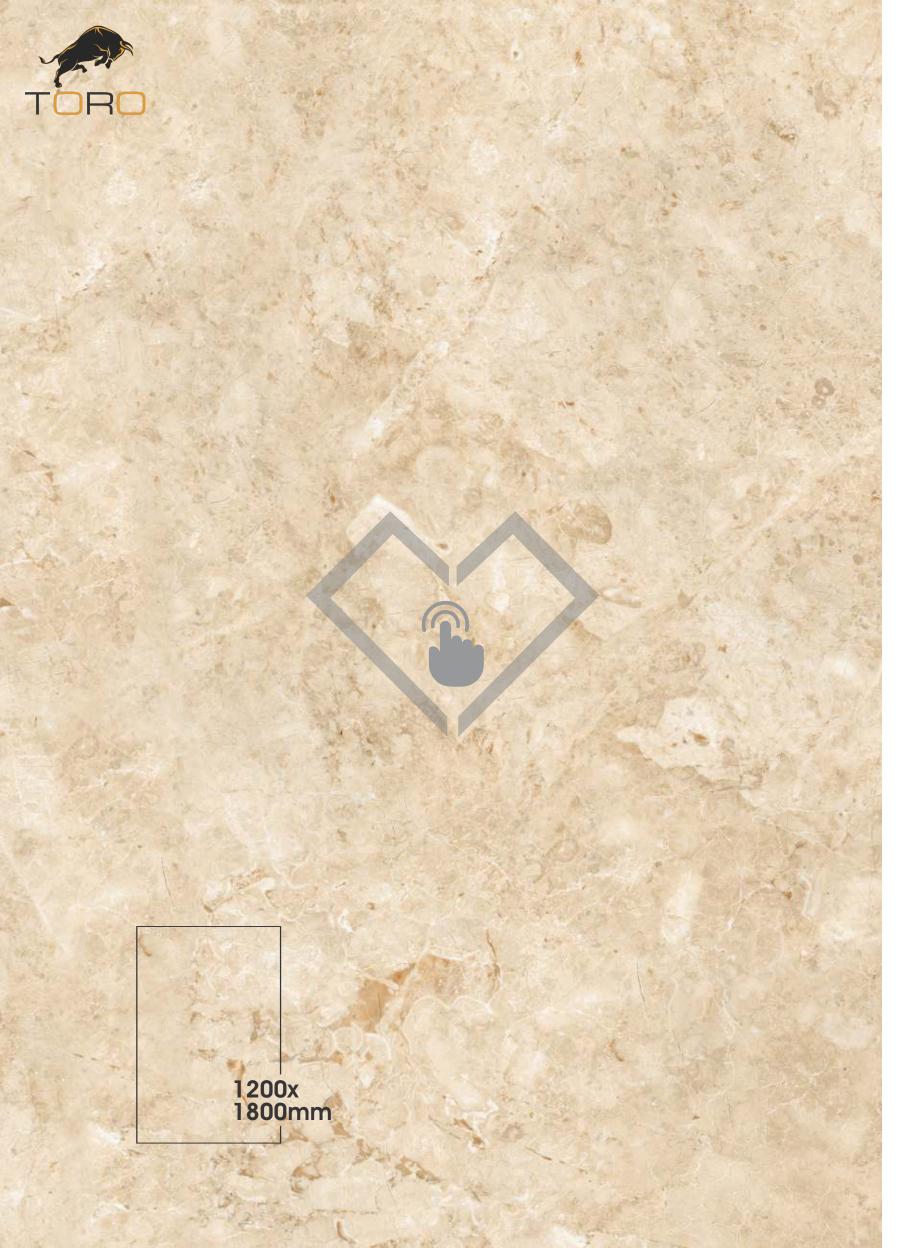


BOTTOCINO BRIGHT

Finish







BRESCIA

Finish







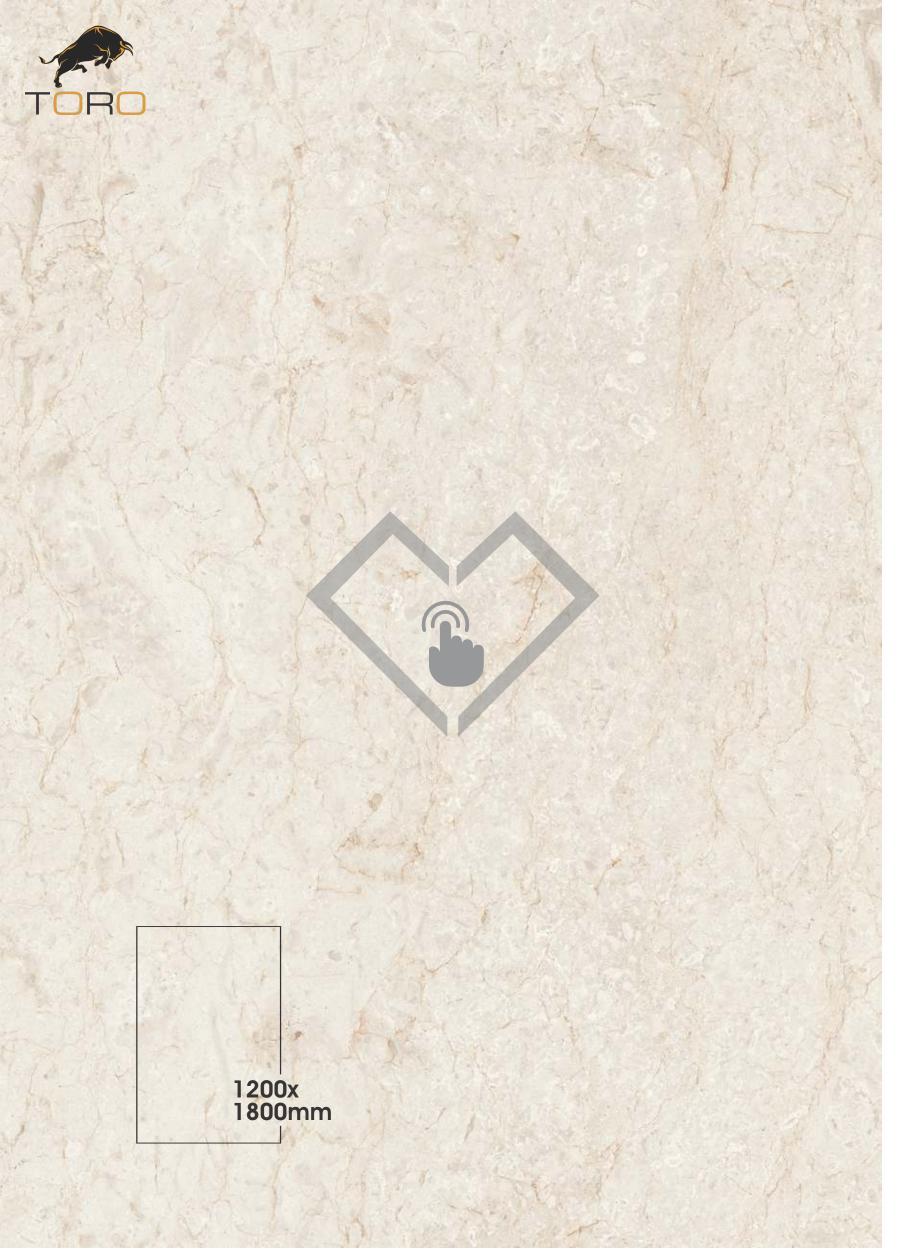
BURBERRY BIANCO

Finish Polished





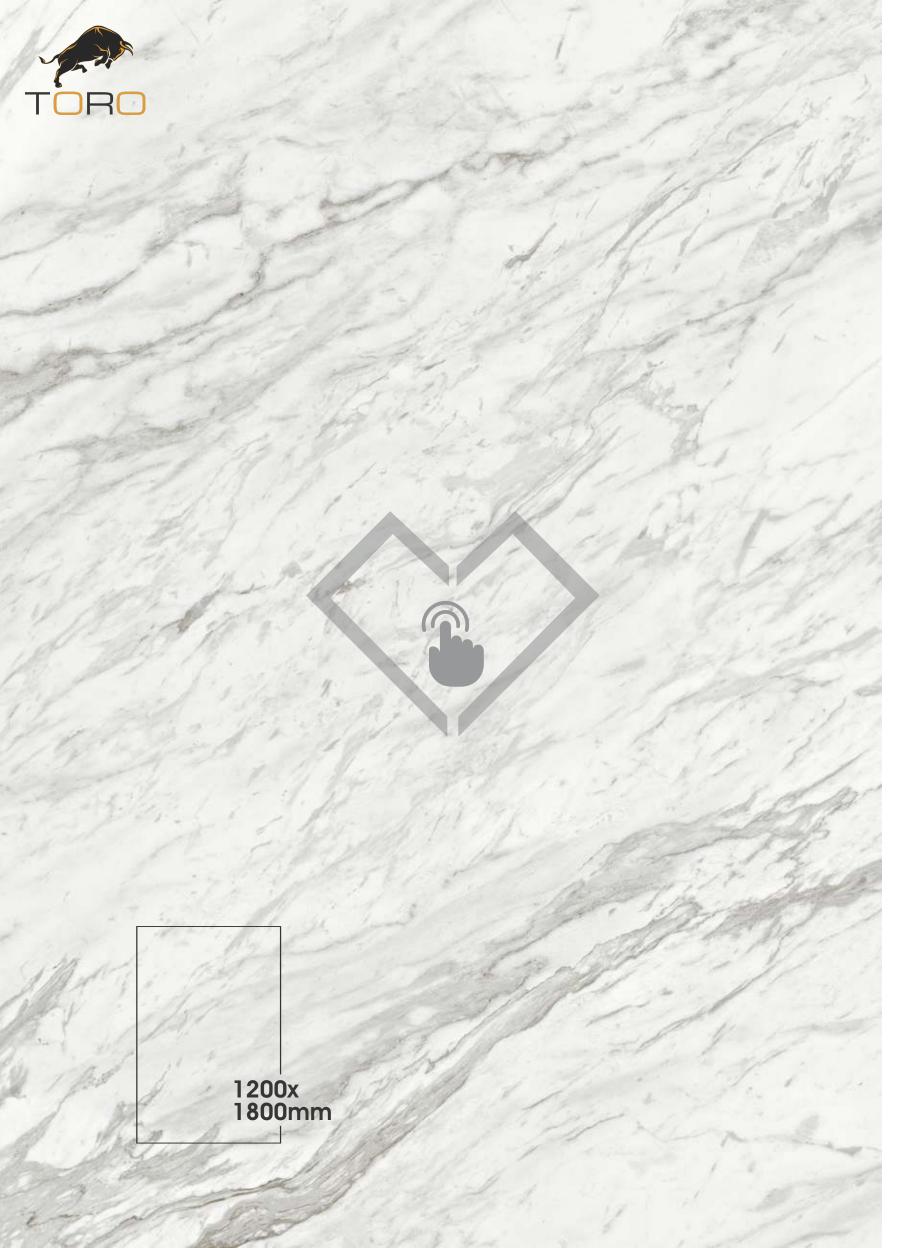
CAMBRIA CREMA



CAMBRIA CREMA

Finish



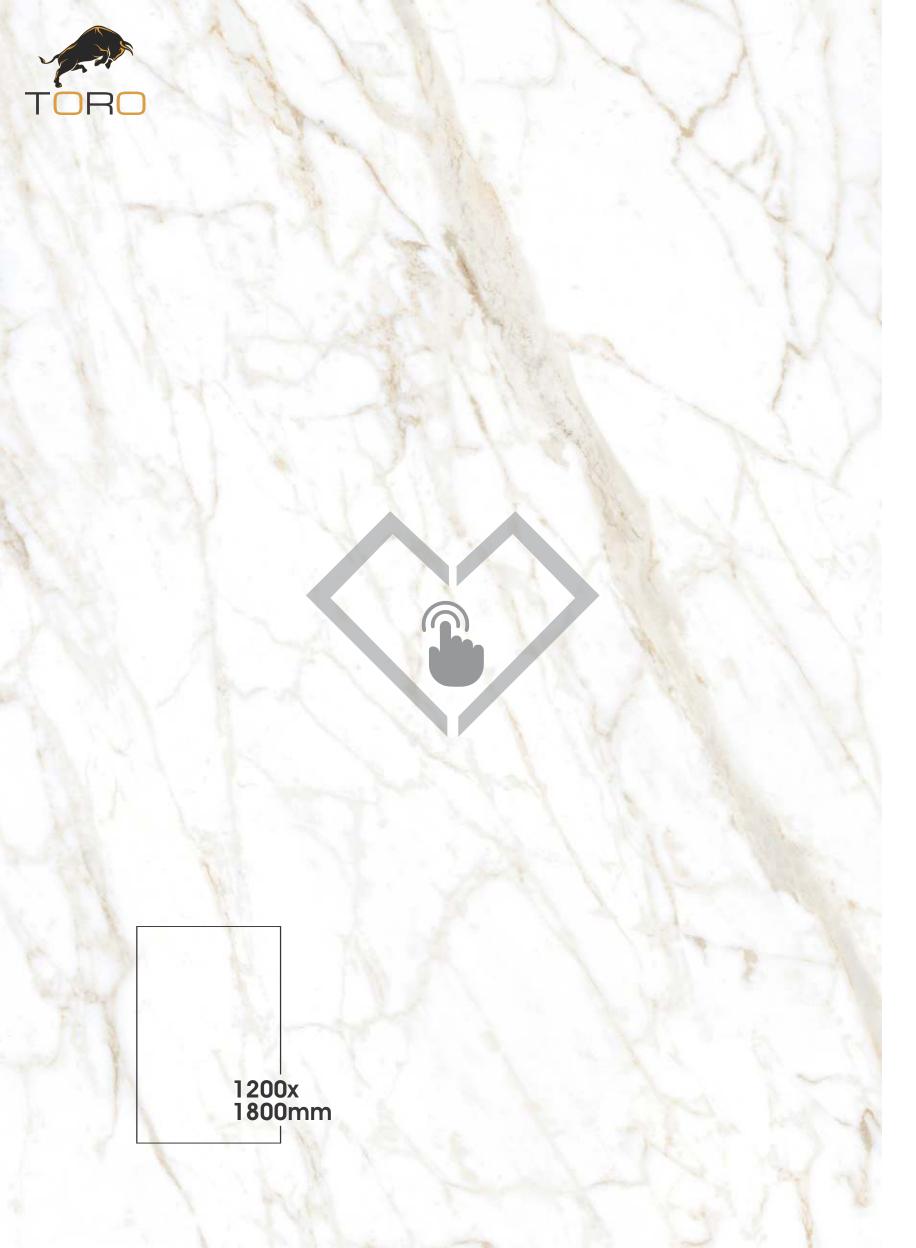


CARRARA

Finish Polished







CARRARA CARRIONE

Finish



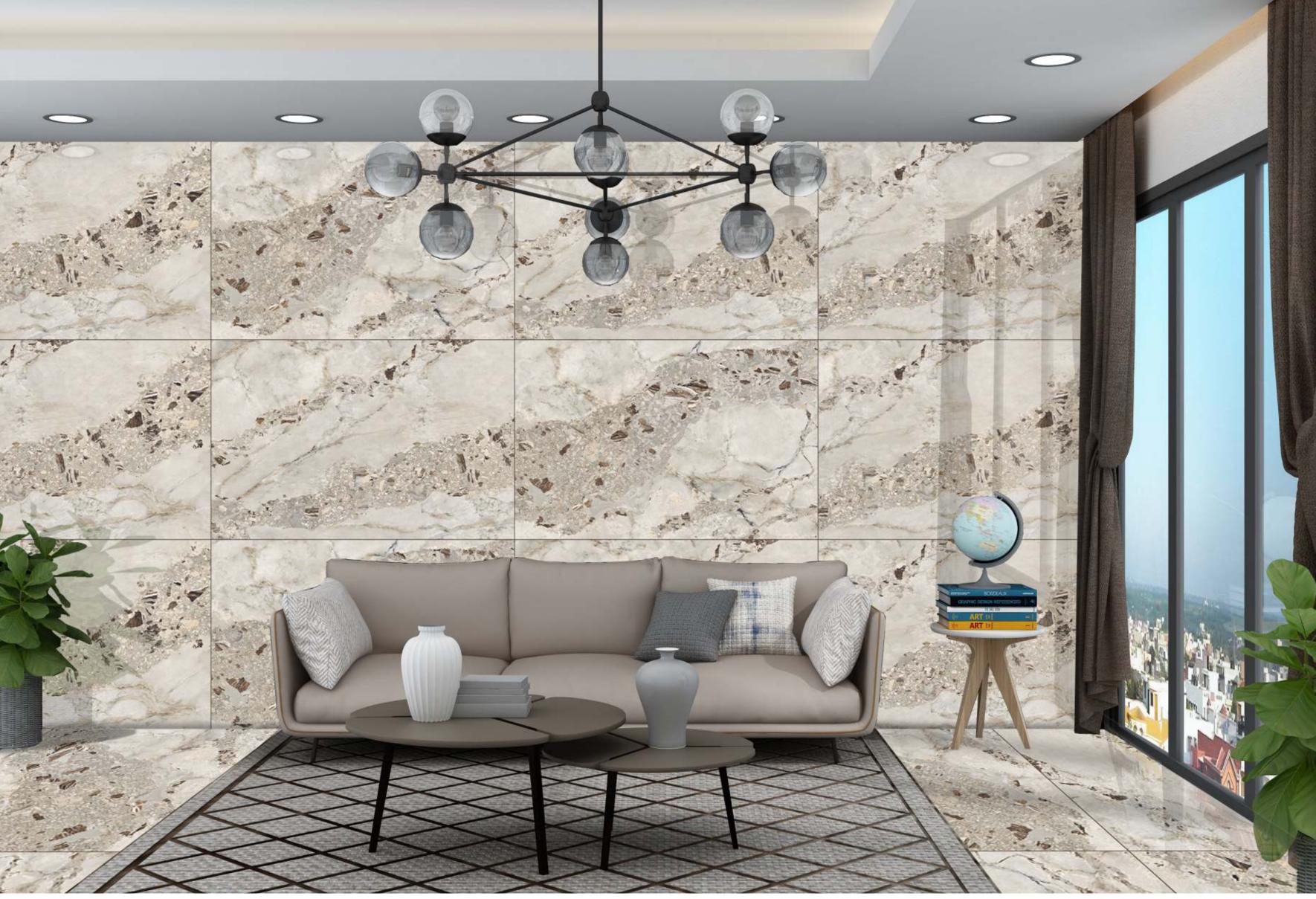


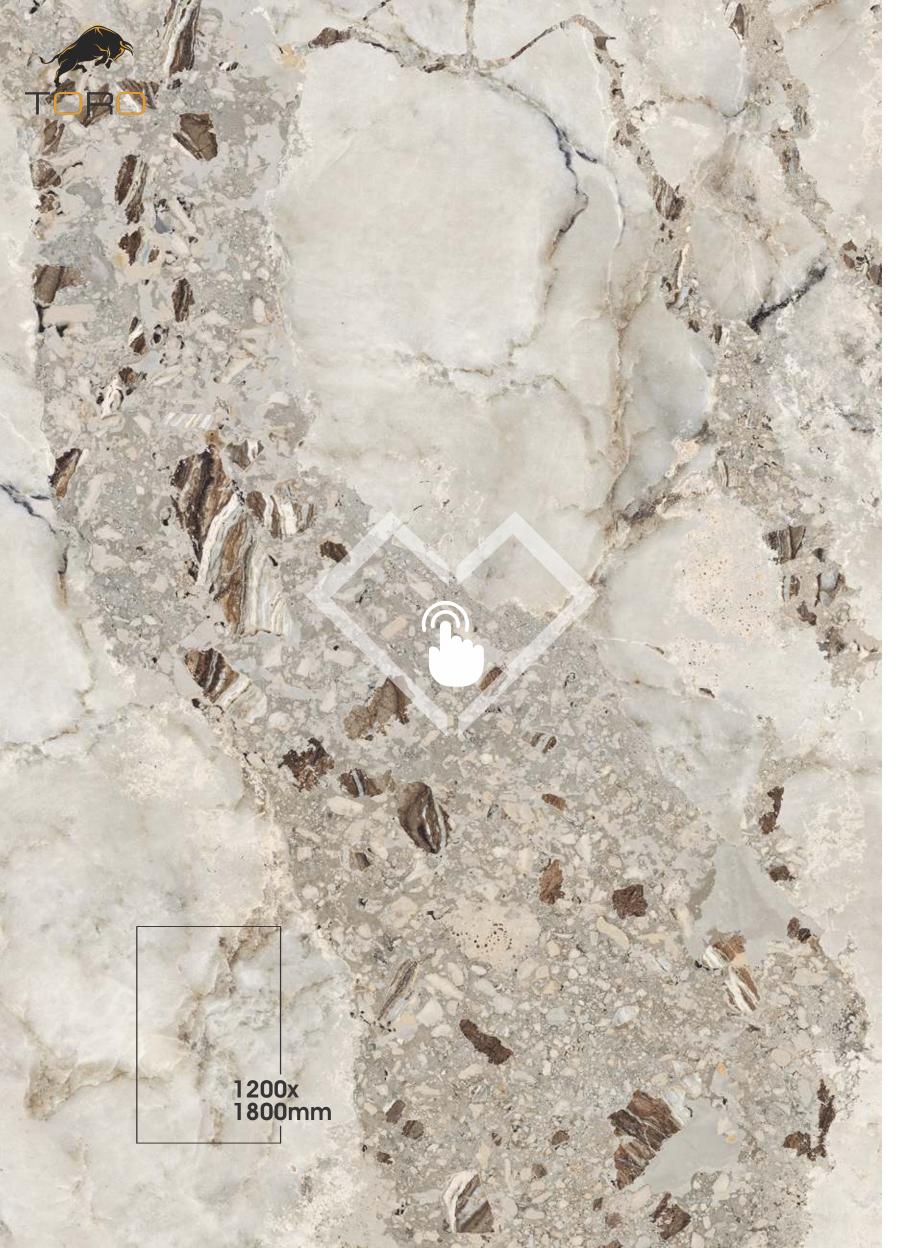


CASTEL GRIGIO

Finish Polished

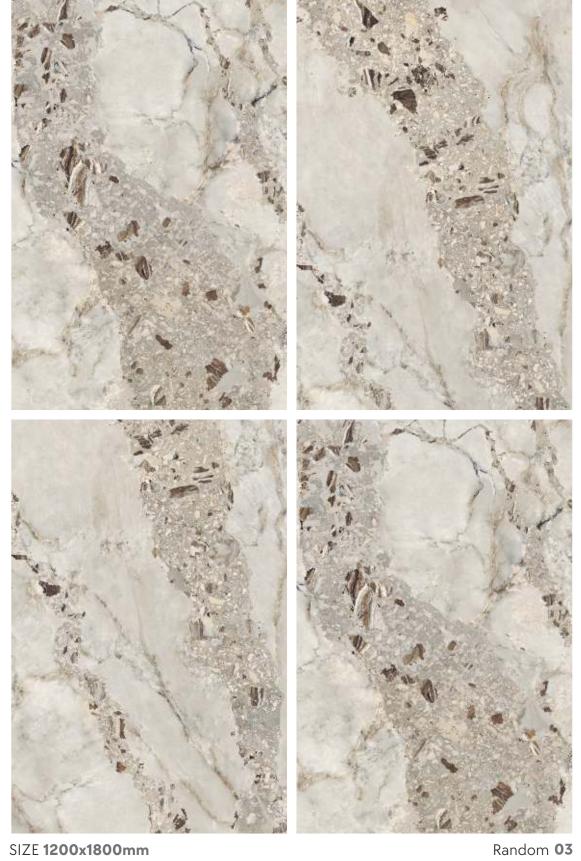




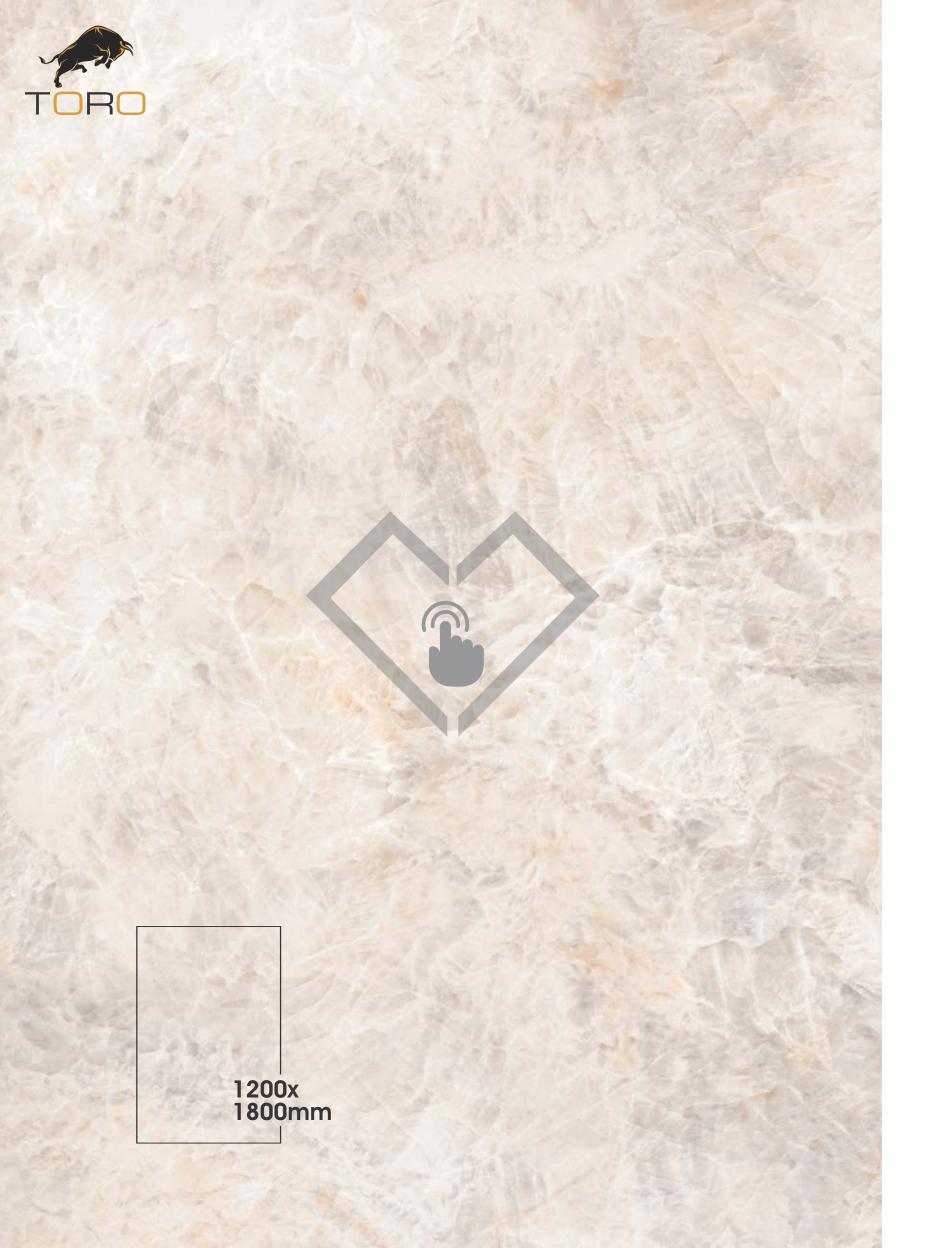


CHIARO BROWN

Finish Polished



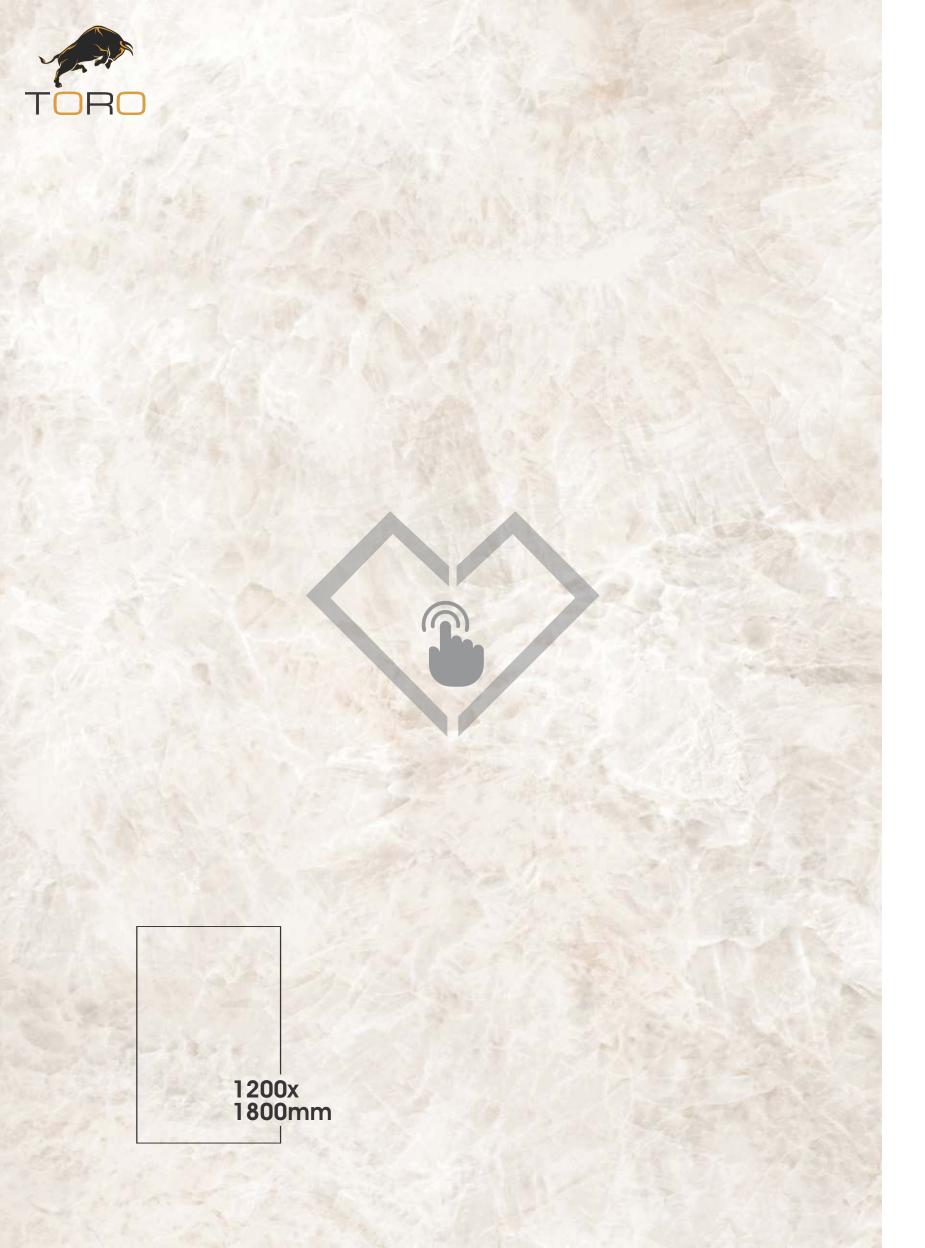




CLOVA BEIGE

Finish Polished





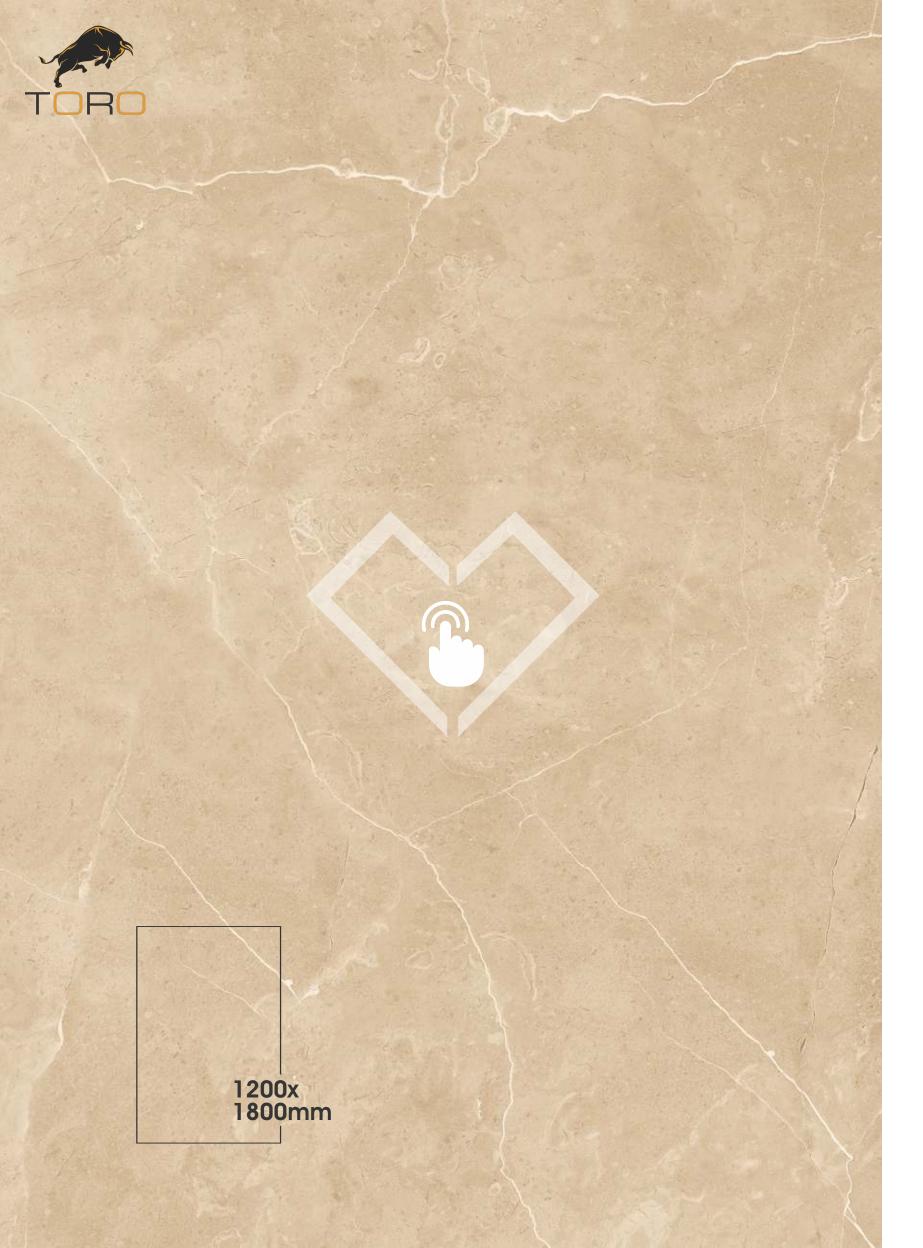
CLOVA IVORY

Finish

Polished

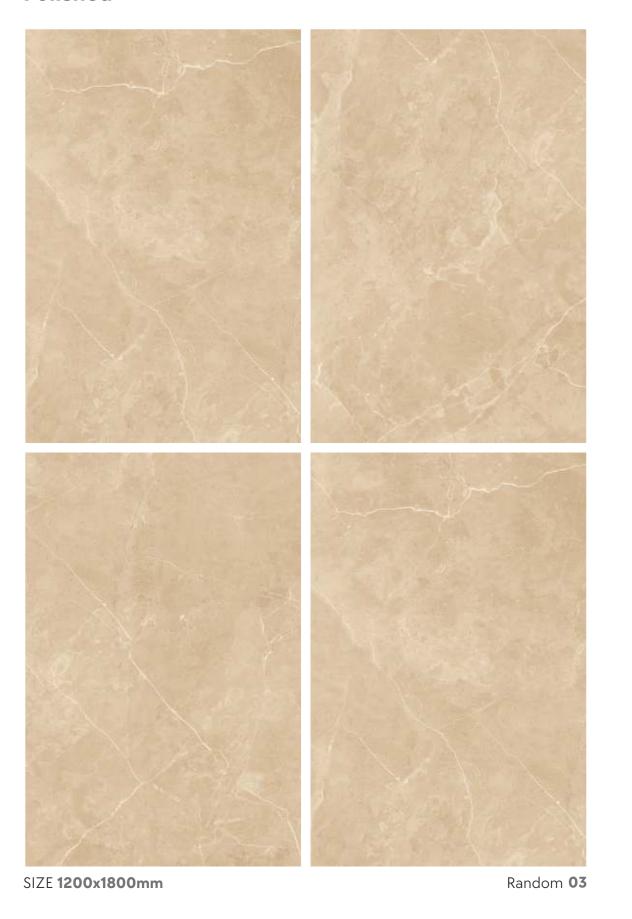




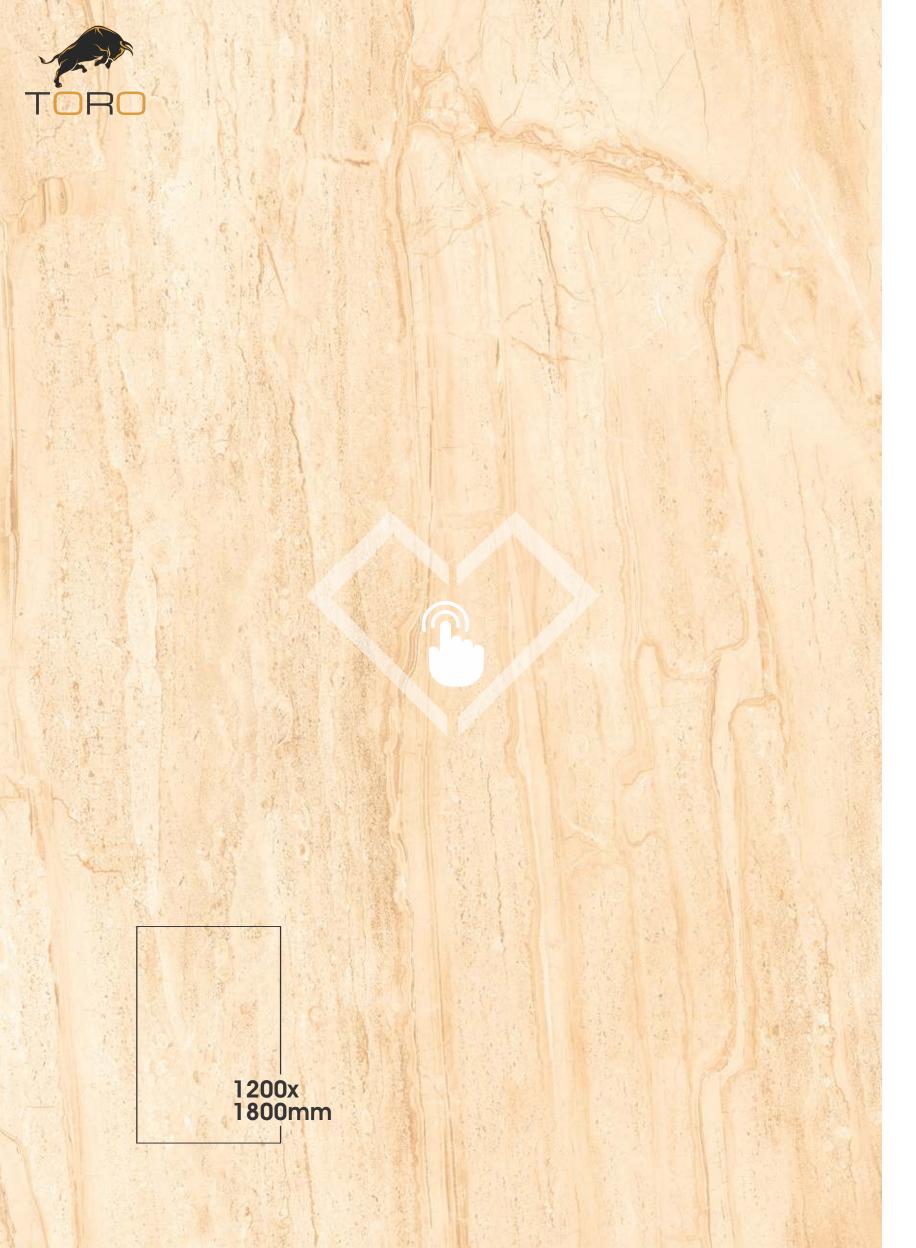


DOVE BEIGE

Finish





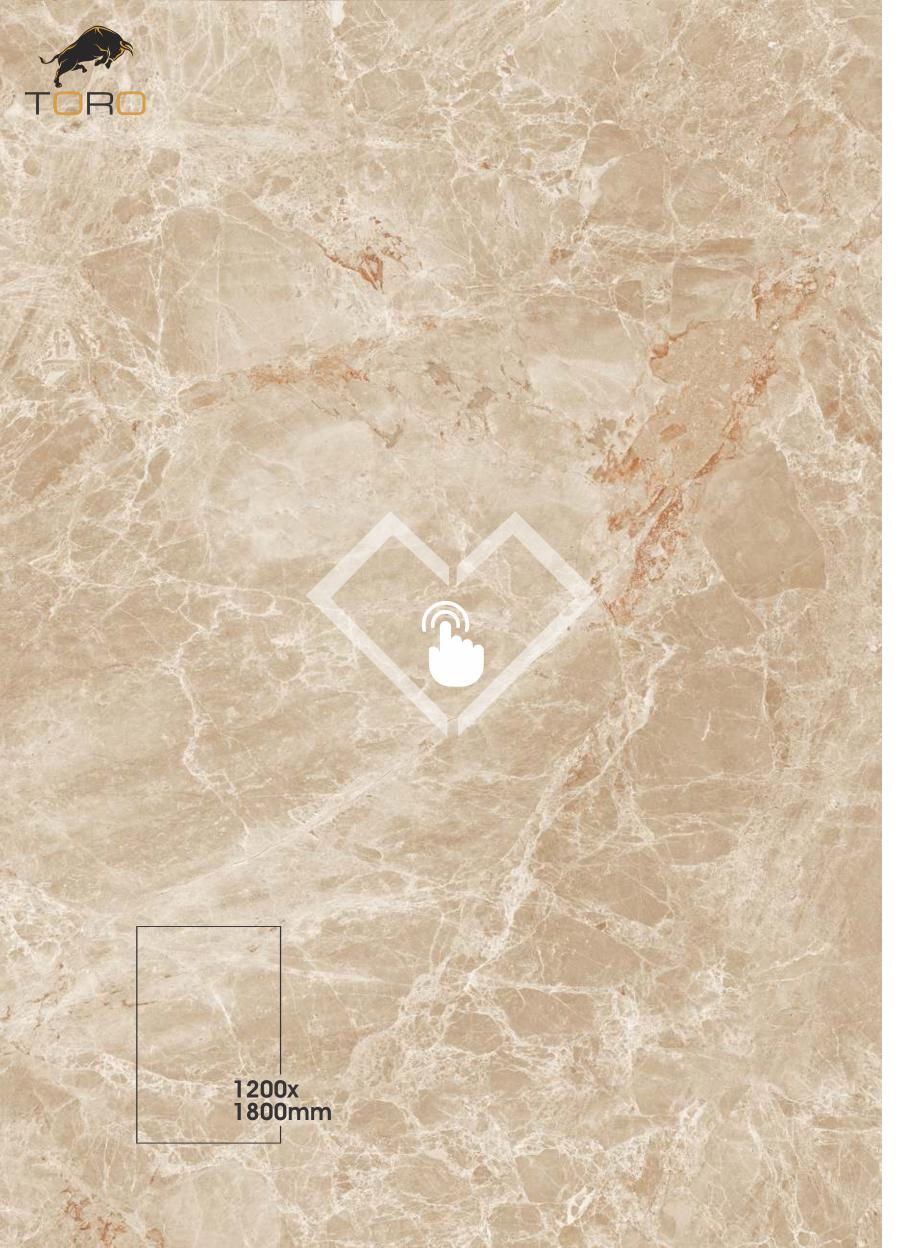


DYNA EXTRA FINE

Finish Polished

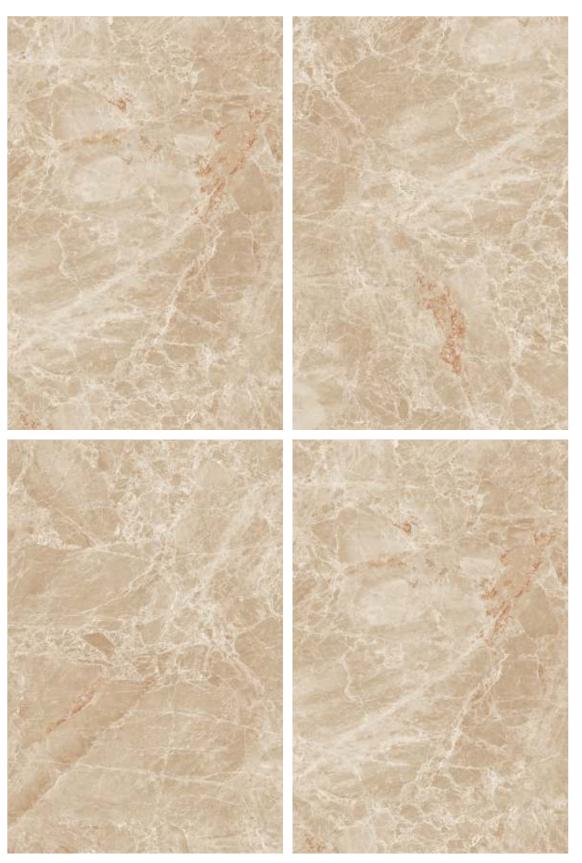




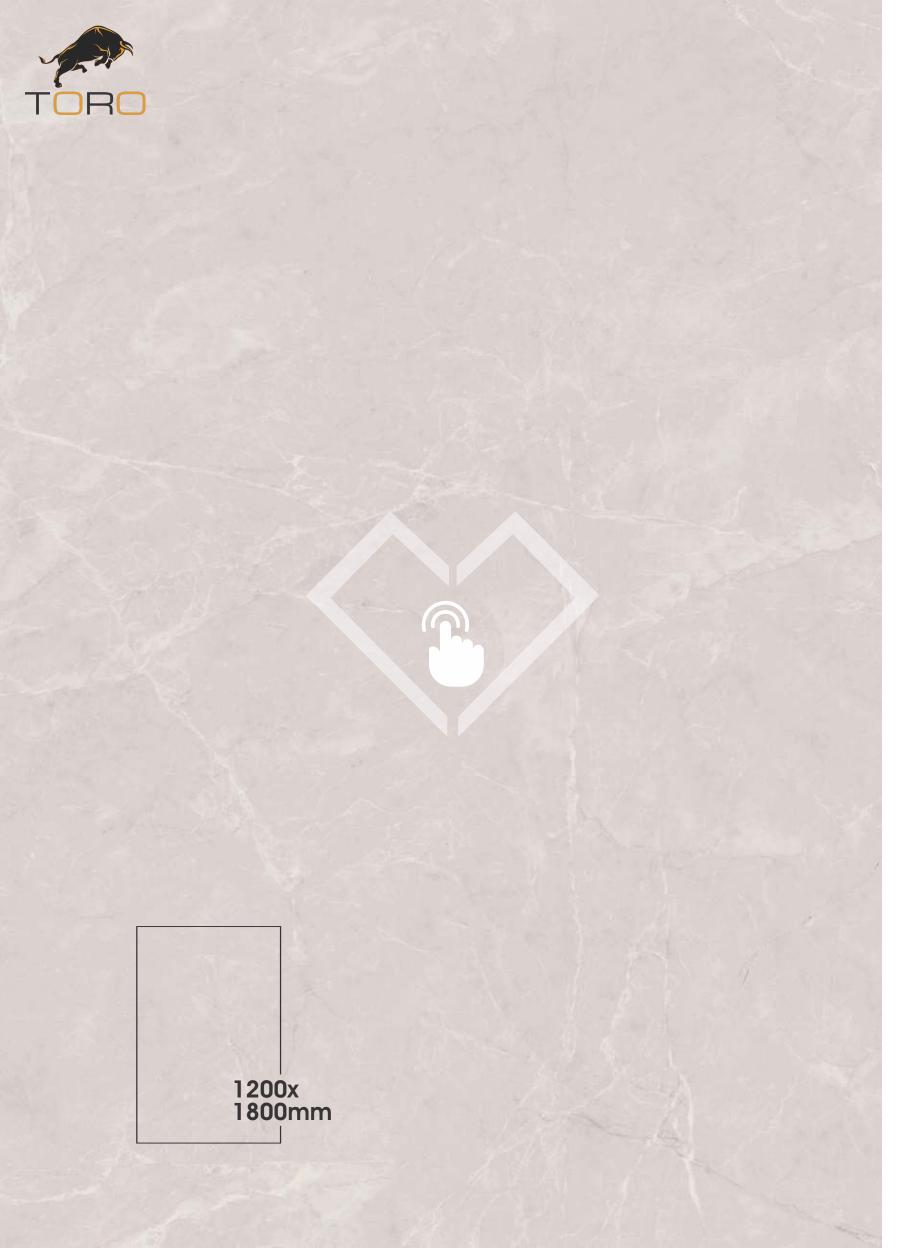


EMPERADOR BEIGE

Finish
Polished



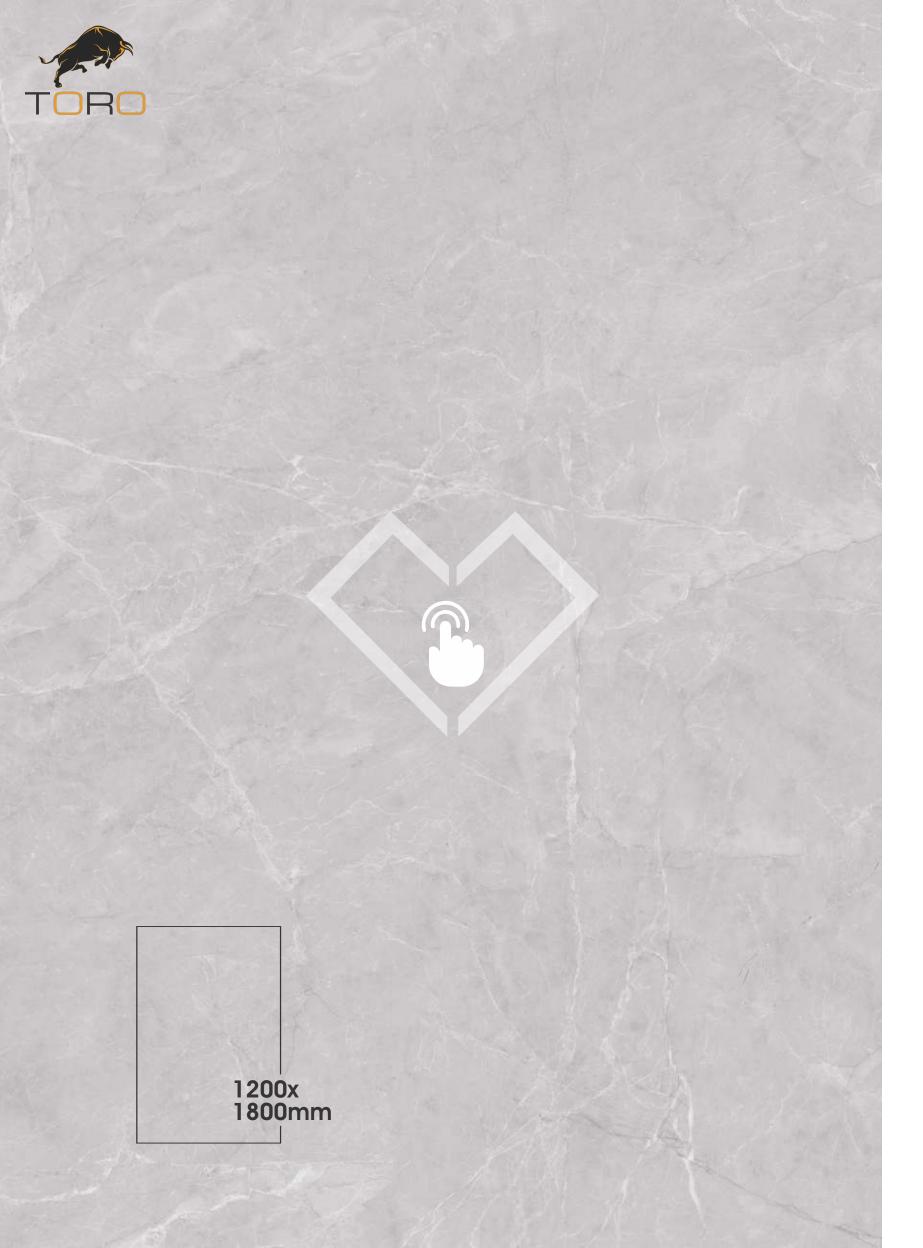
SIZE **1200x1800mm** Random **03**



EXONTA CREMA

Finish





EXONTA GREY

Finish

Polished



Random **03**





FEIRA CREMA

Finish

Polished



Random **04** SIZE **1200x1800mm**



FEIRA WHITE

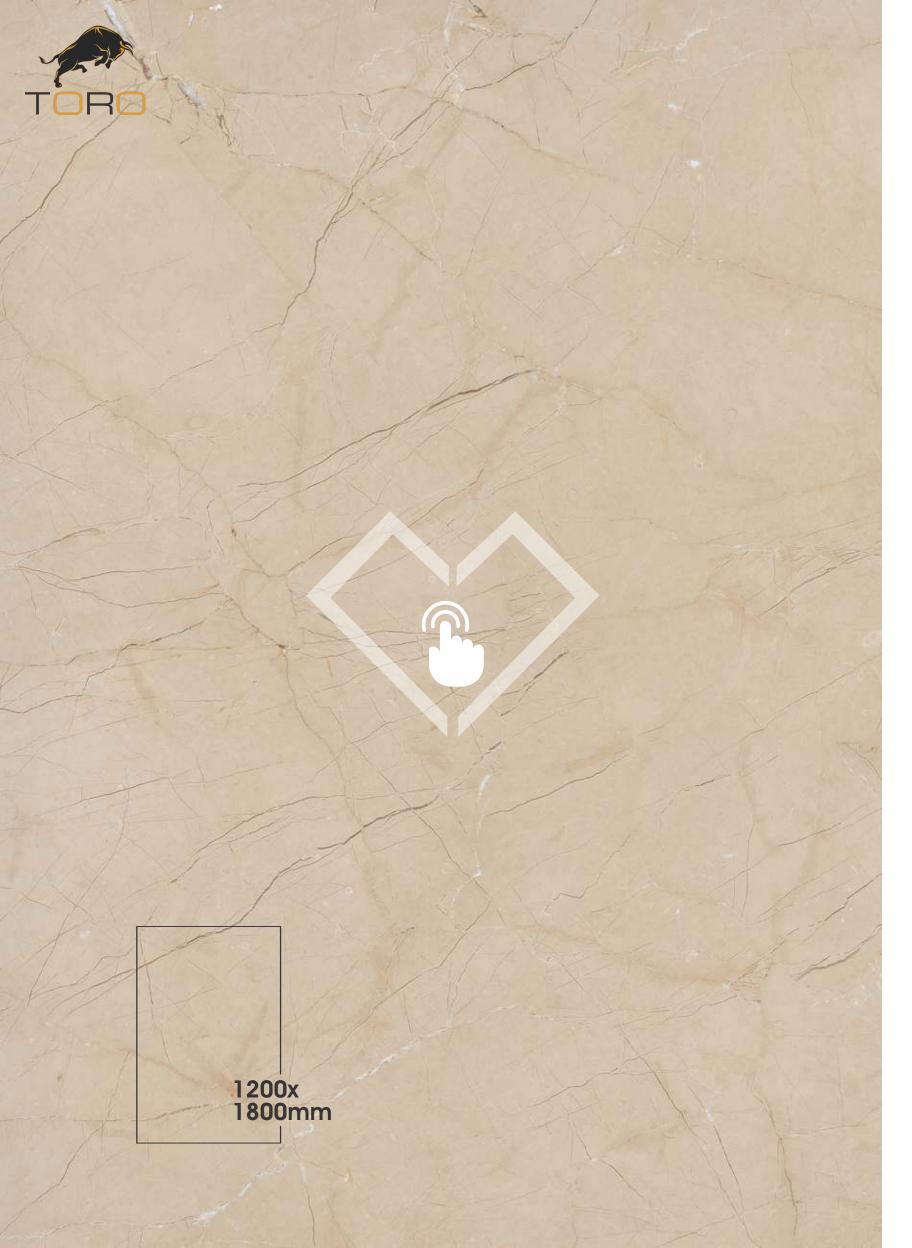
Finish

Polished



Random **04** SIZE **1200x1800mm**





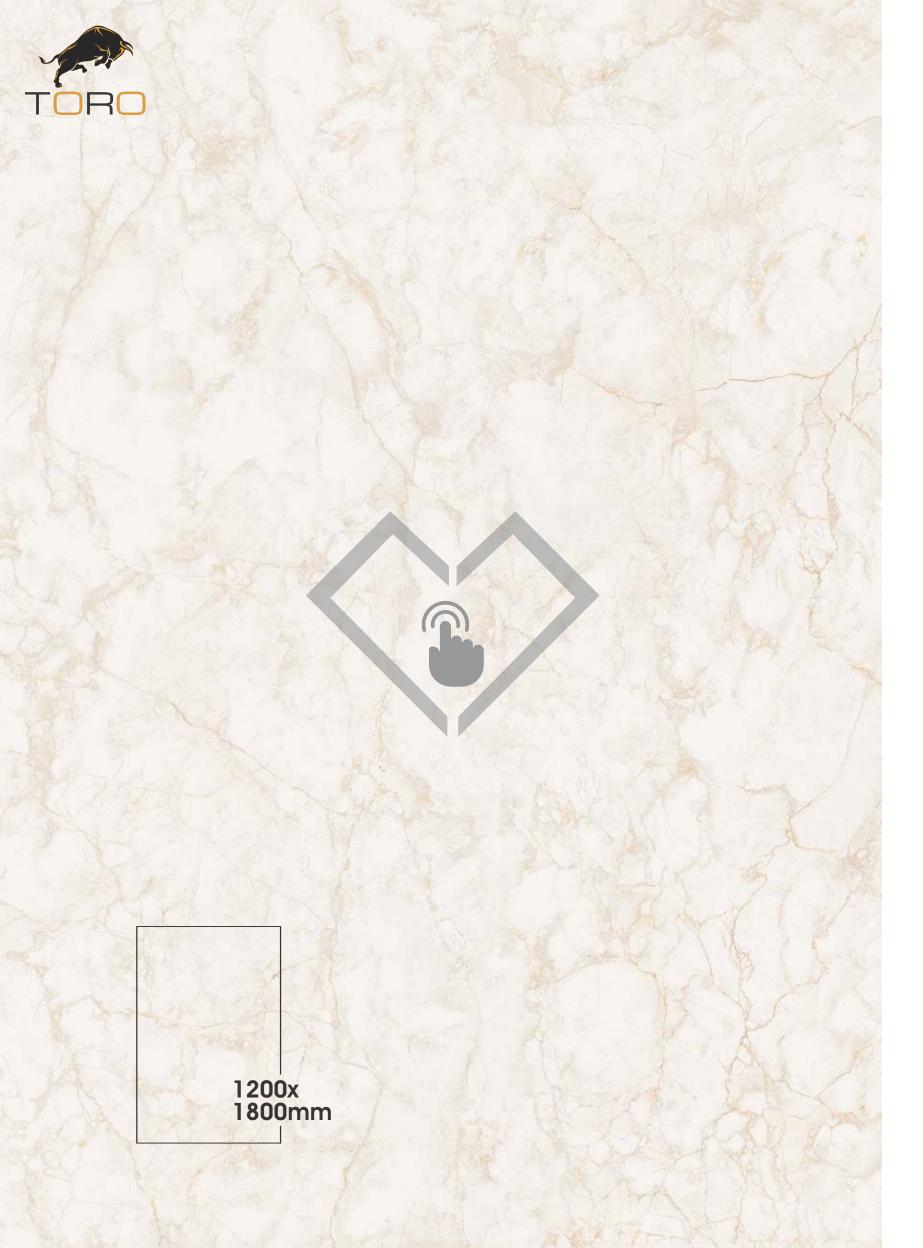
FILANTO BROWN

Finish

Polished



SIZE **1200x1800mm** Random **03**

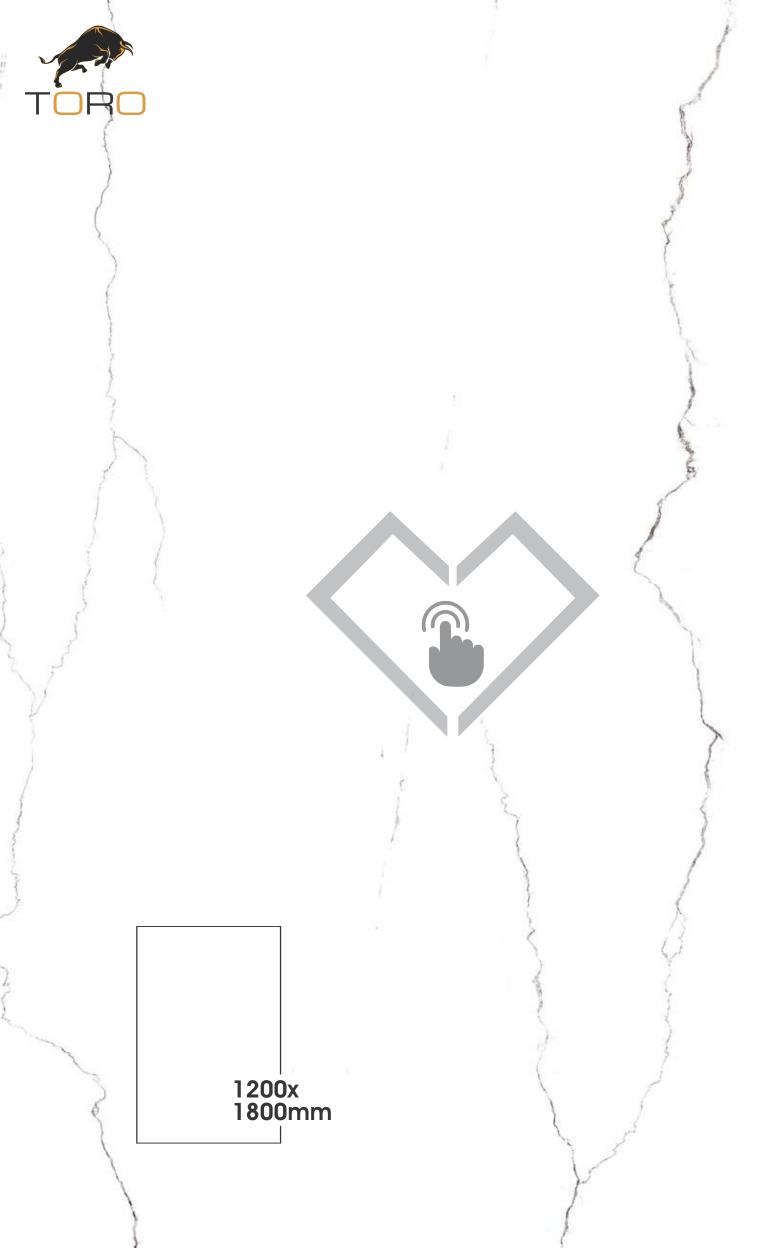


GOTHIC

Finish

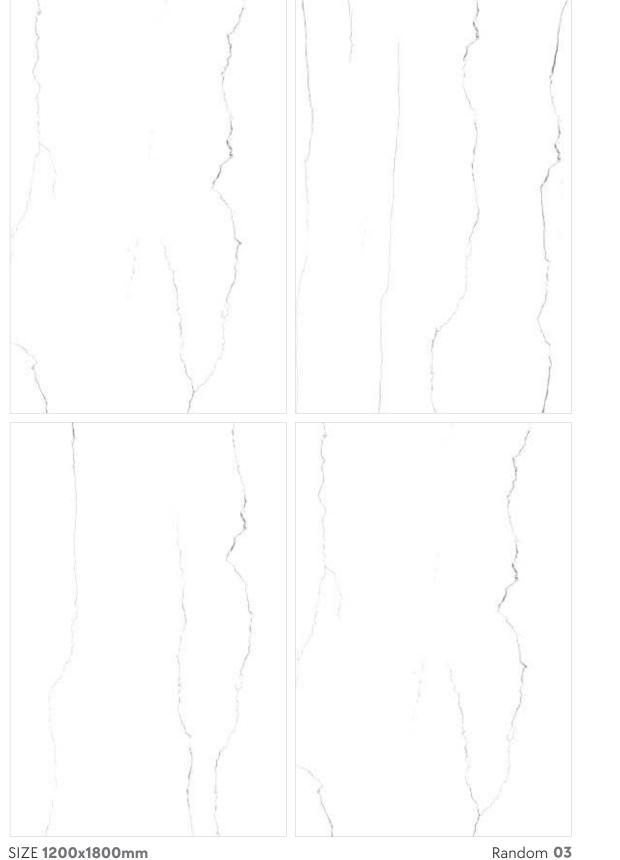


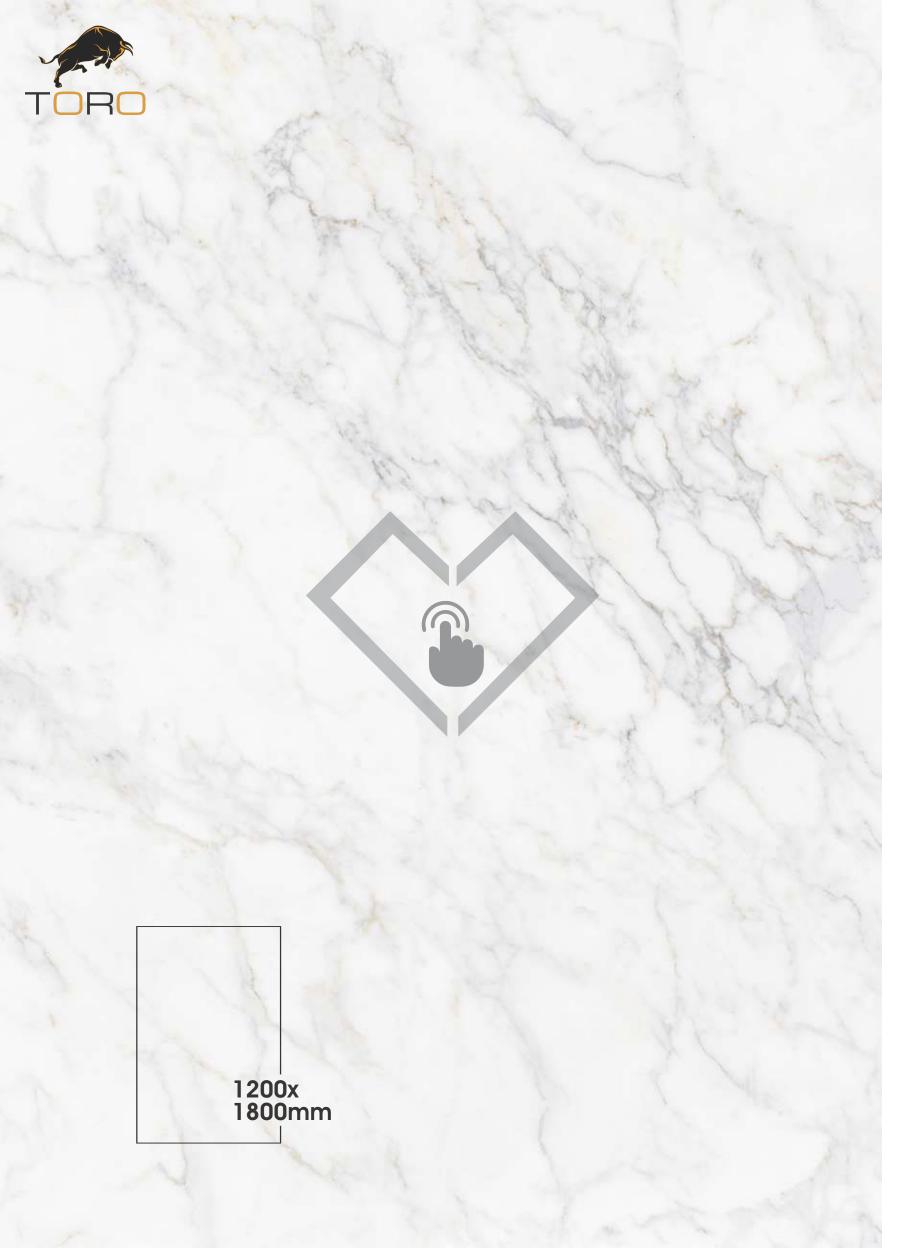




GREY STREAK

Finish



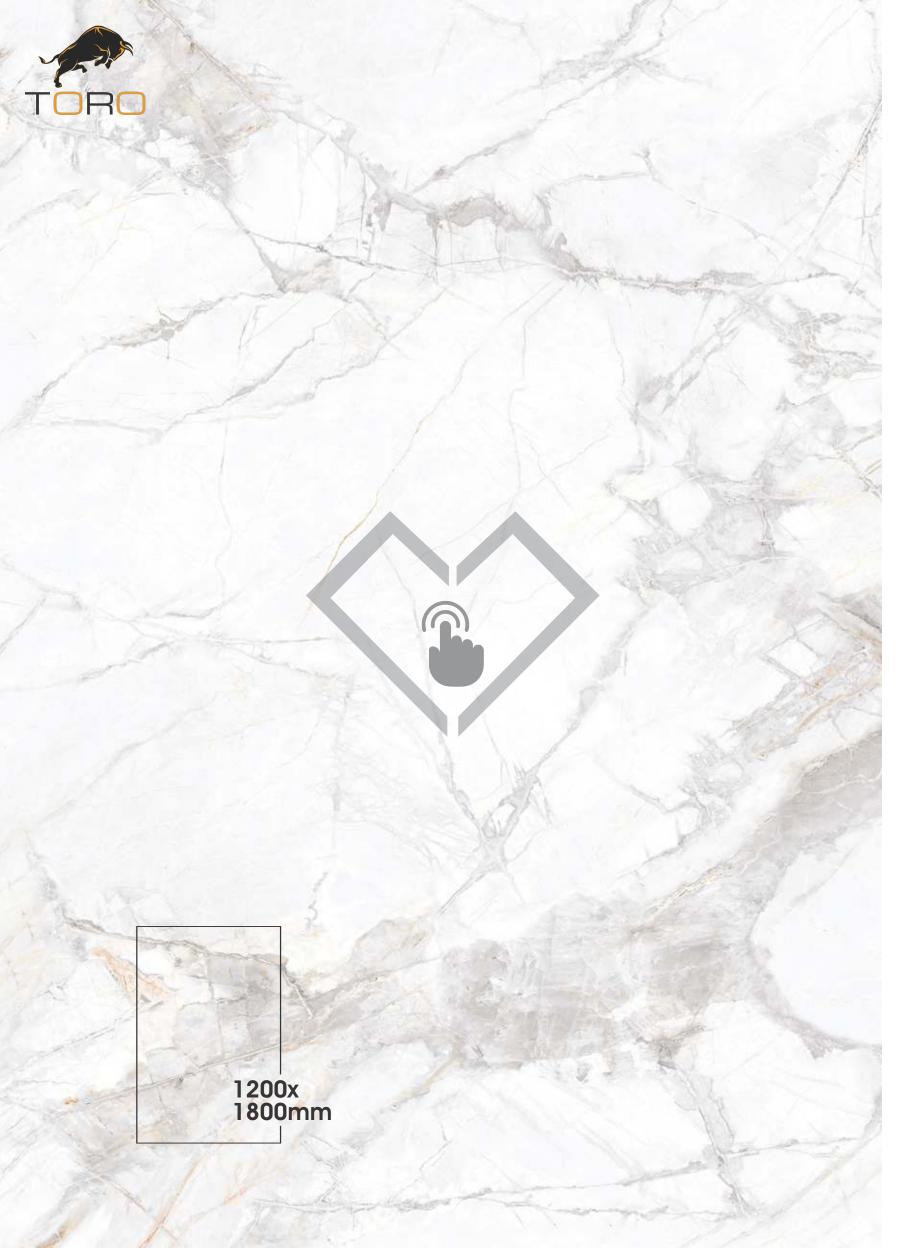


HIMALYA NATURAL

Finish







INVISIBLE GREY

Finish

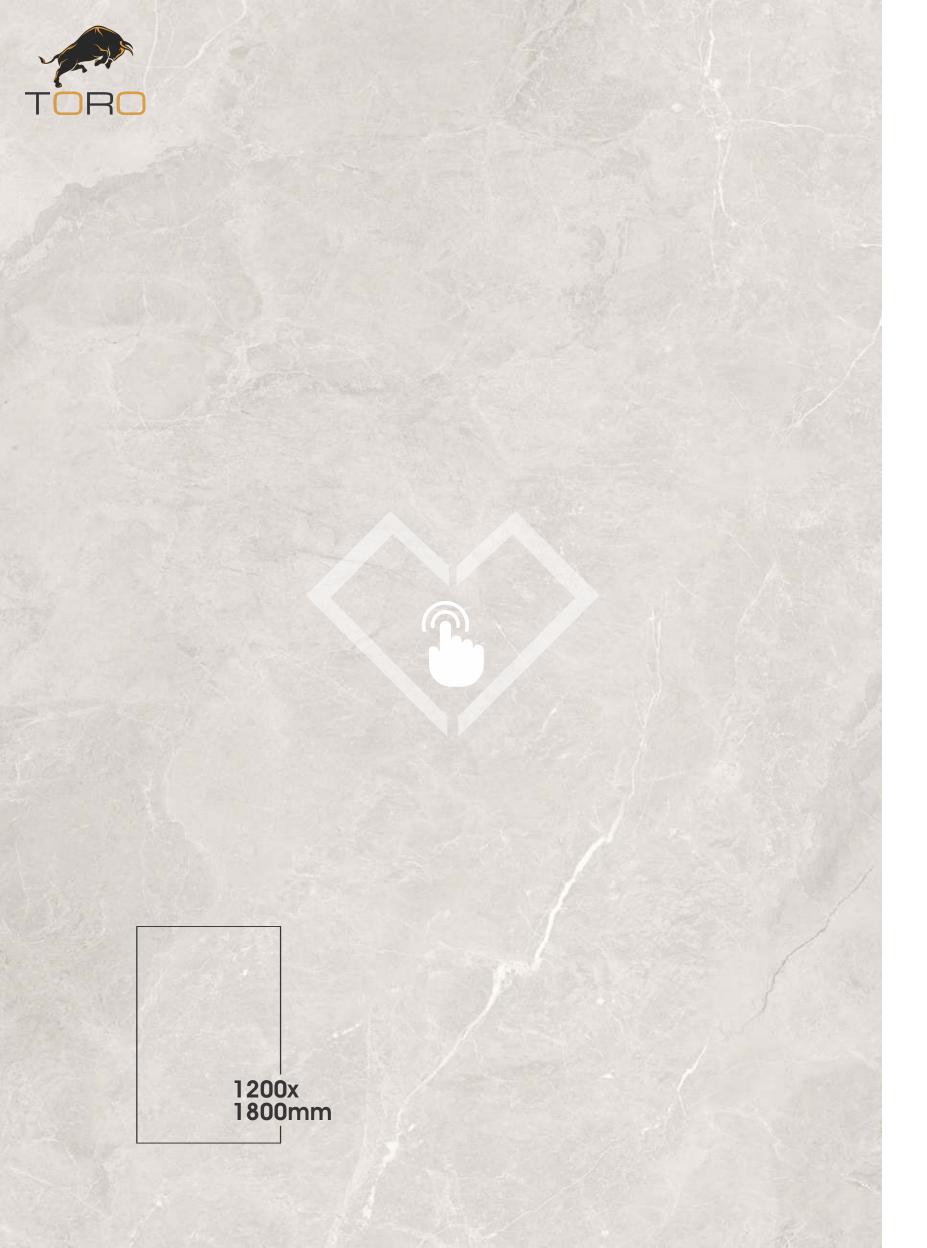




JADE NATURAL

Finish **Polished**

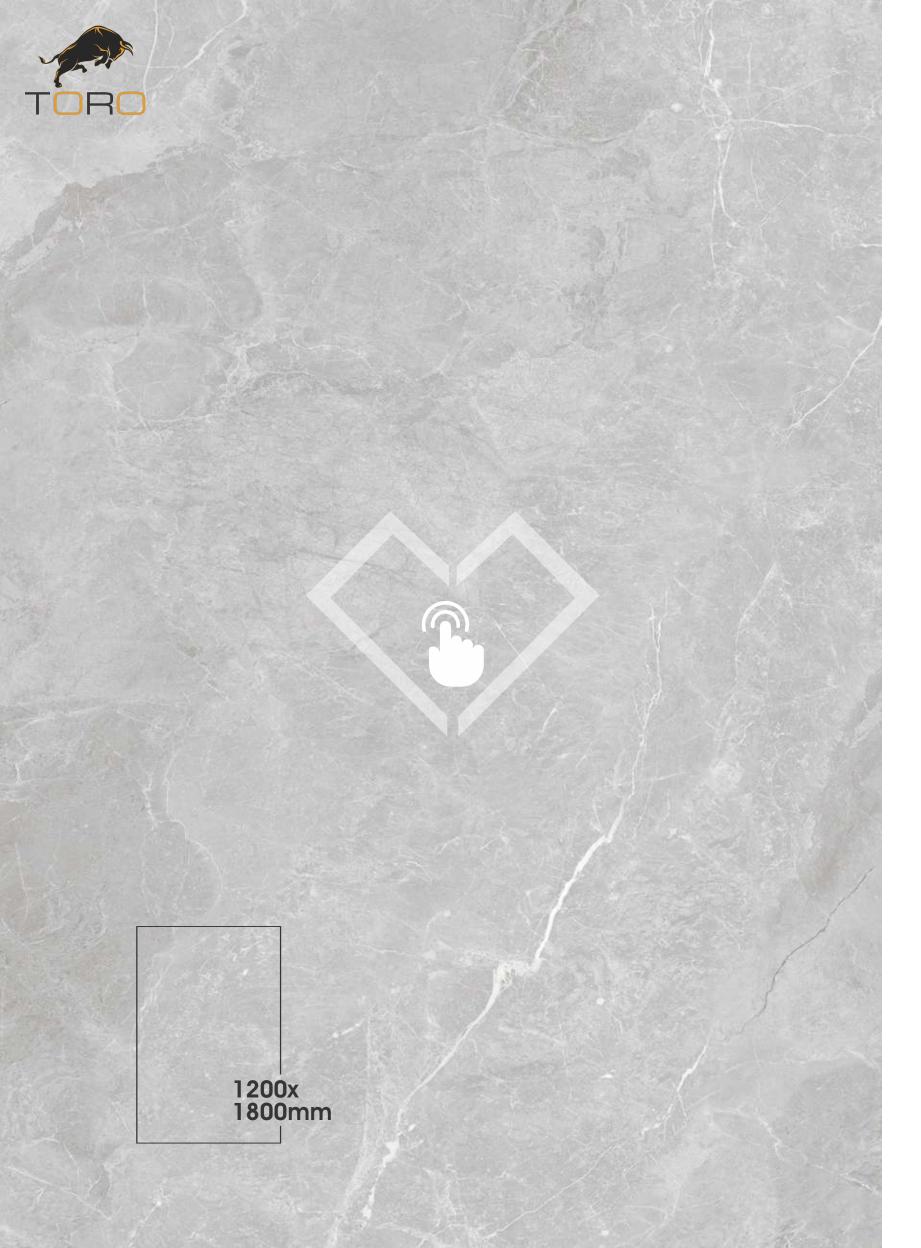




LAMOSA CREMA

Finish

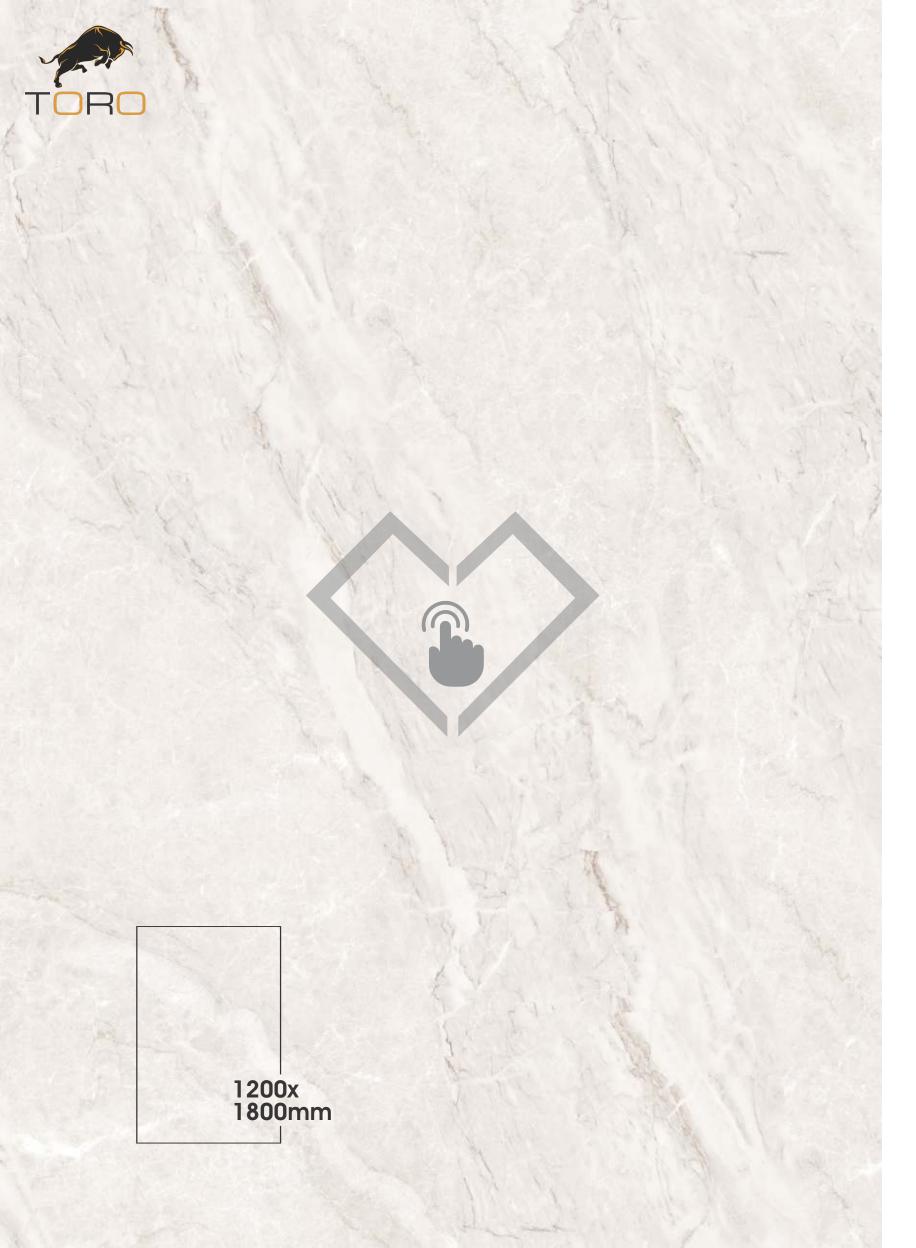




LAMOSA GREY

Finish

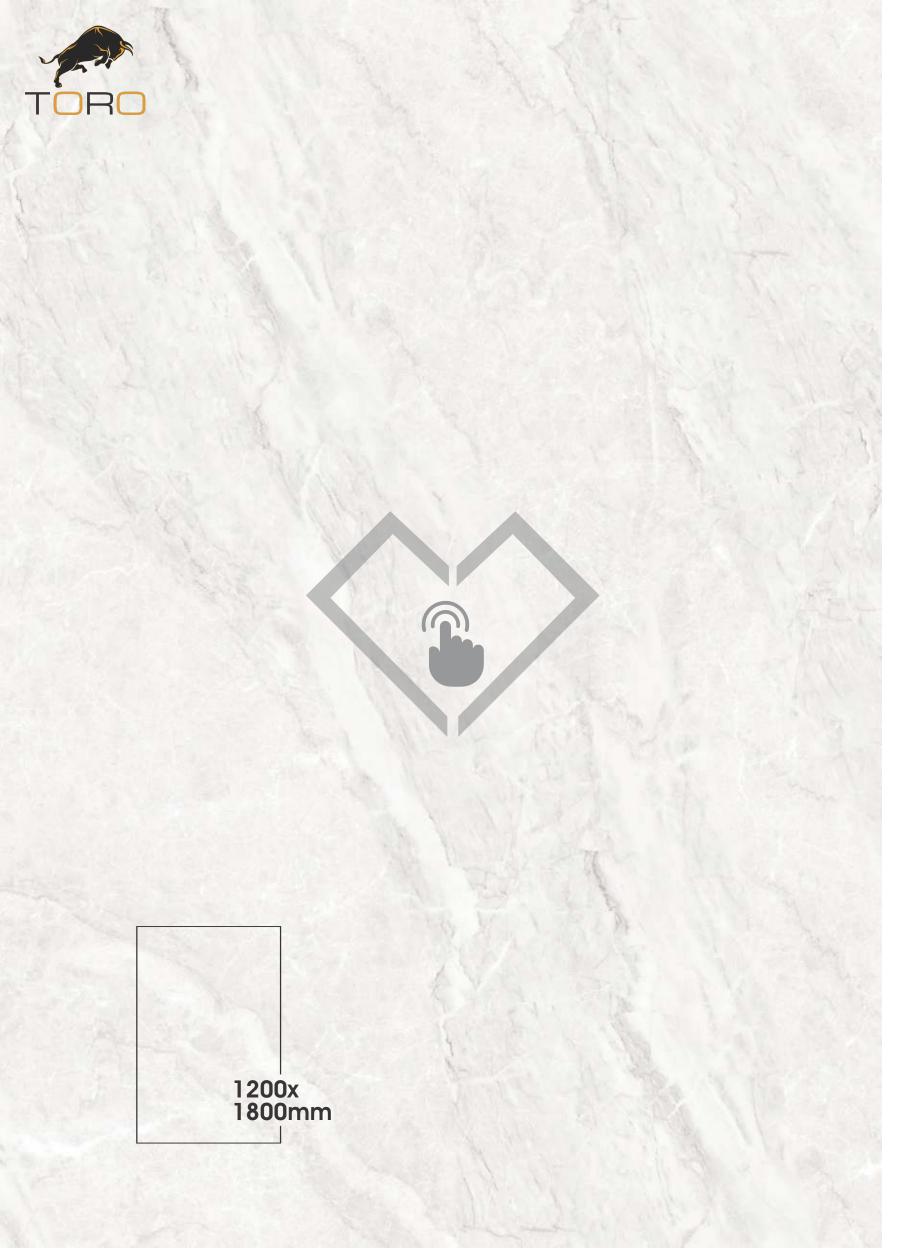




LAPTIS CREMA

Finish



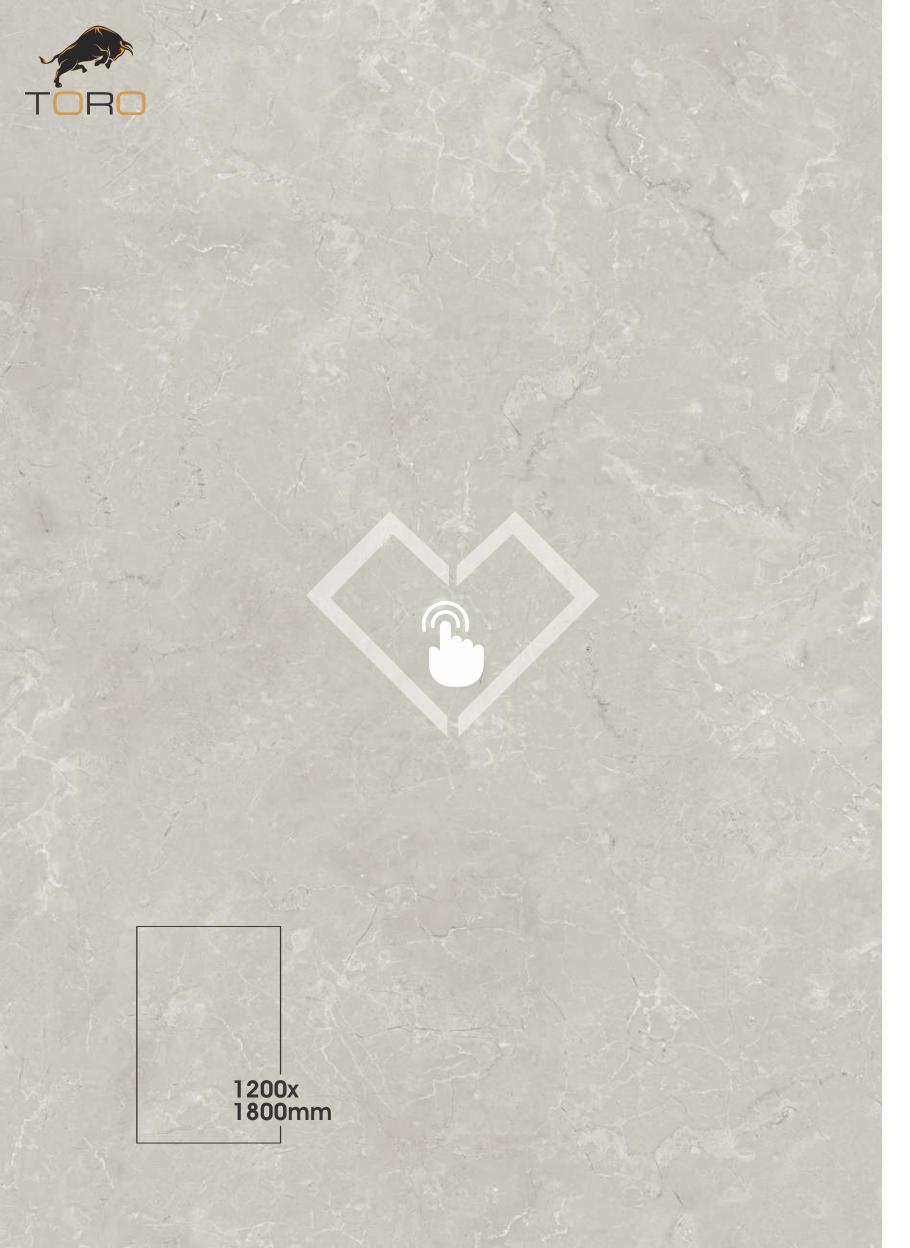


LAPTIS WHITE

Finish



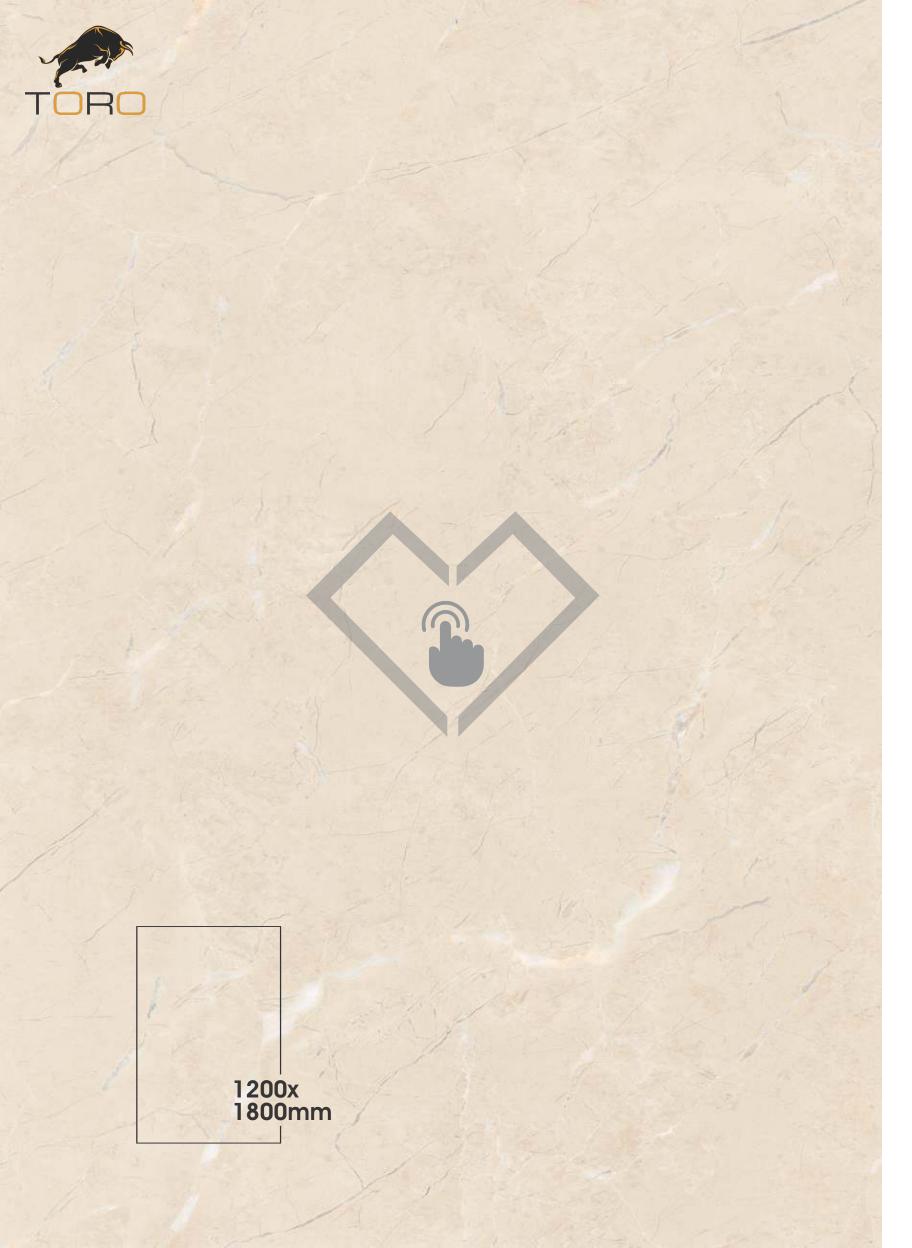




MARSHAL GREY

Finish





MENTA CREMA

Finish

Polished



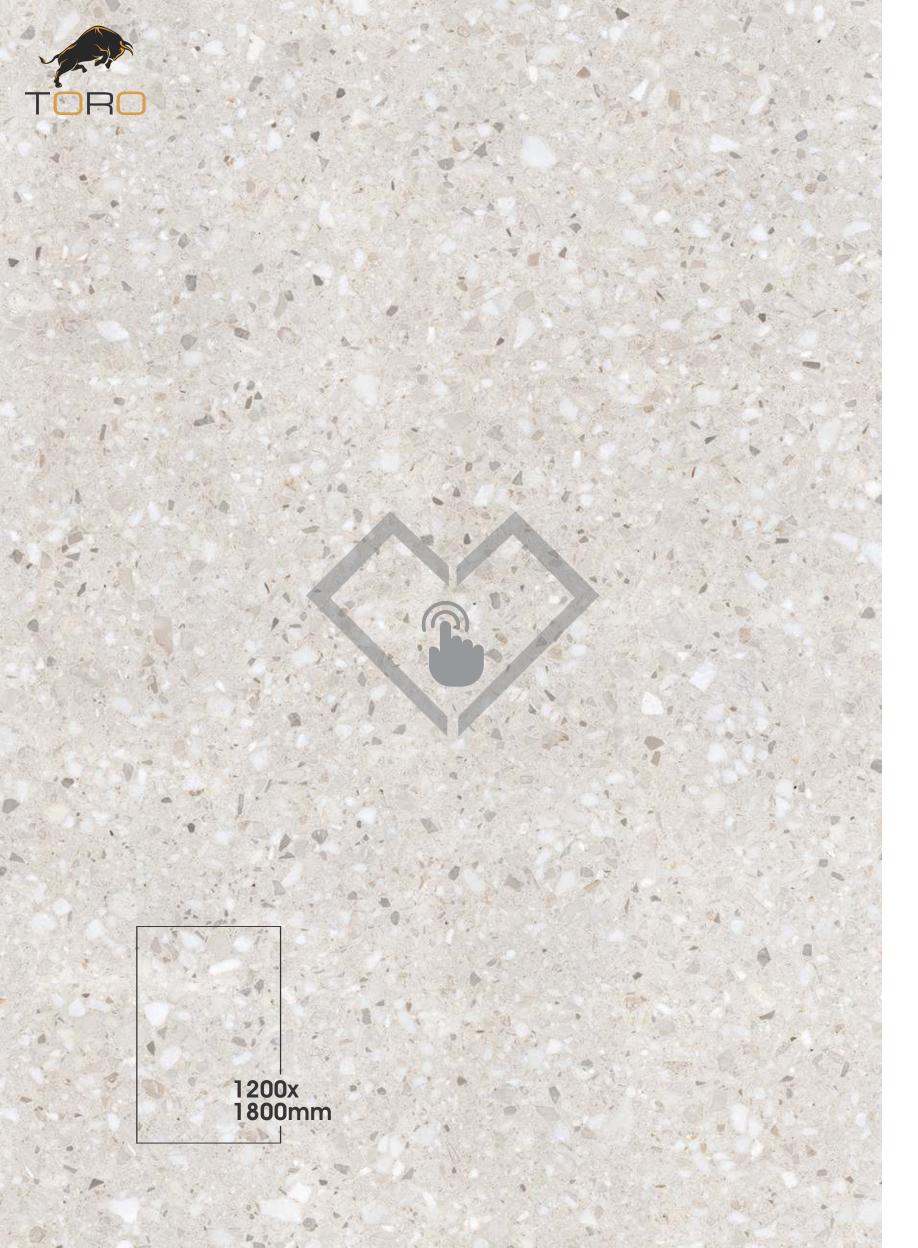
Random **03** SIZE **1200x1800mm**



MERCURY OCTRA

Finish **Polished**





MOSAICO GREY

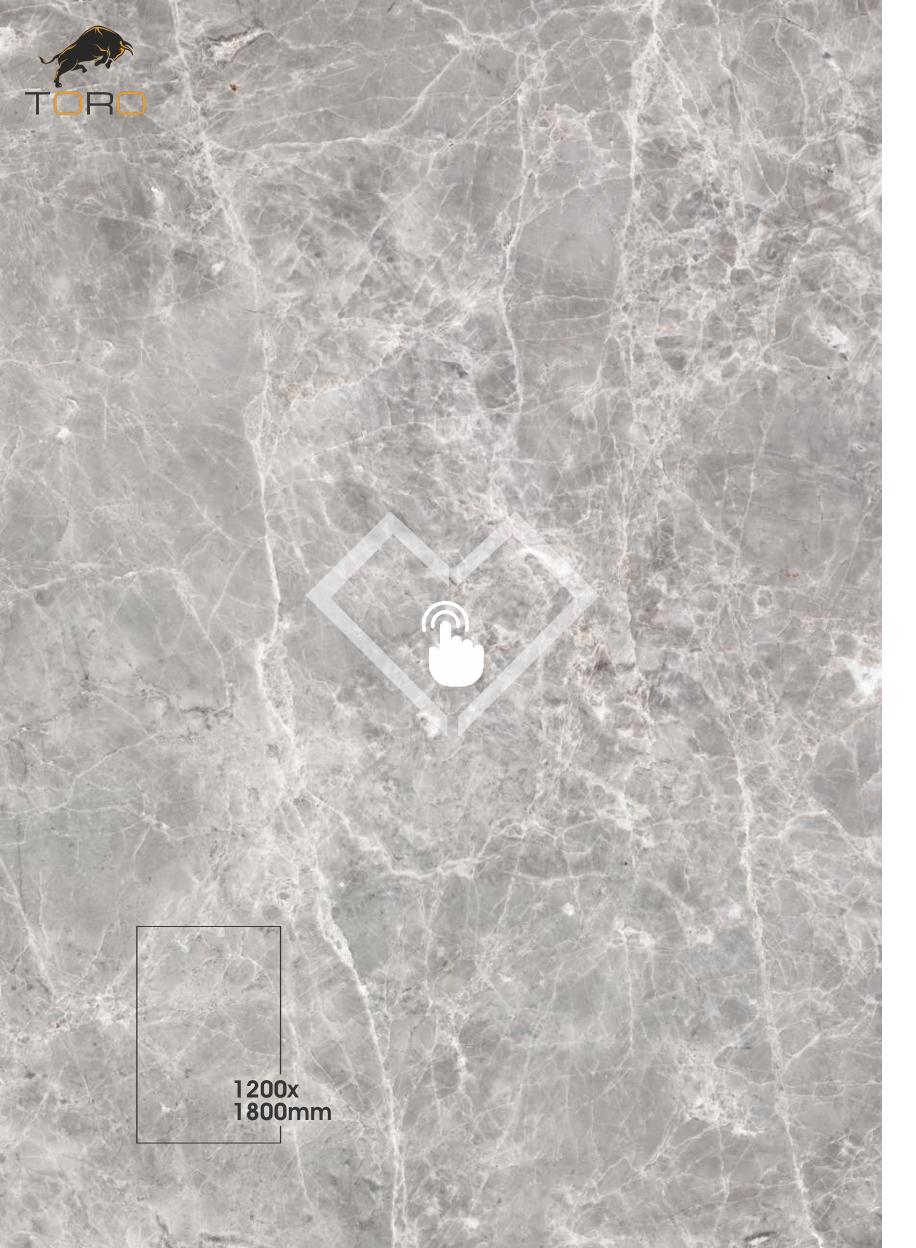
Finish

Polished



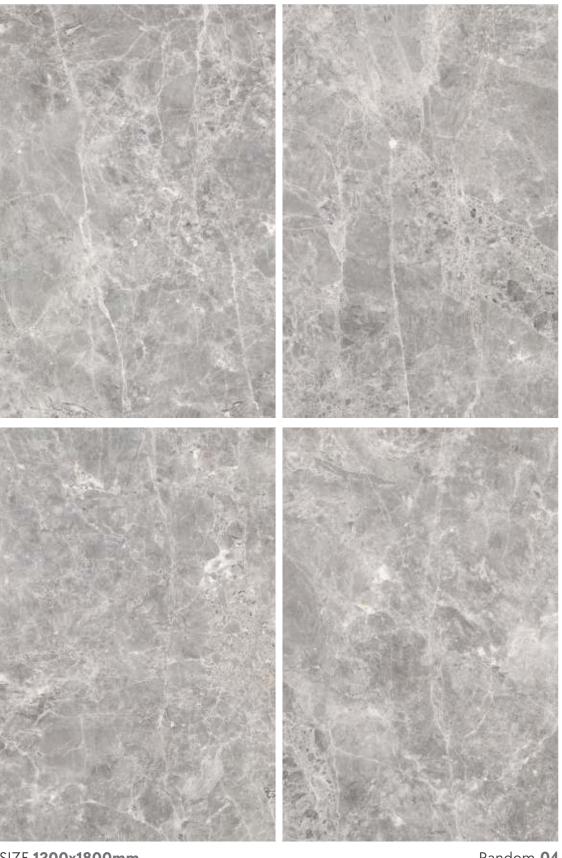
SIZE **1200x1800mm** Random **03**



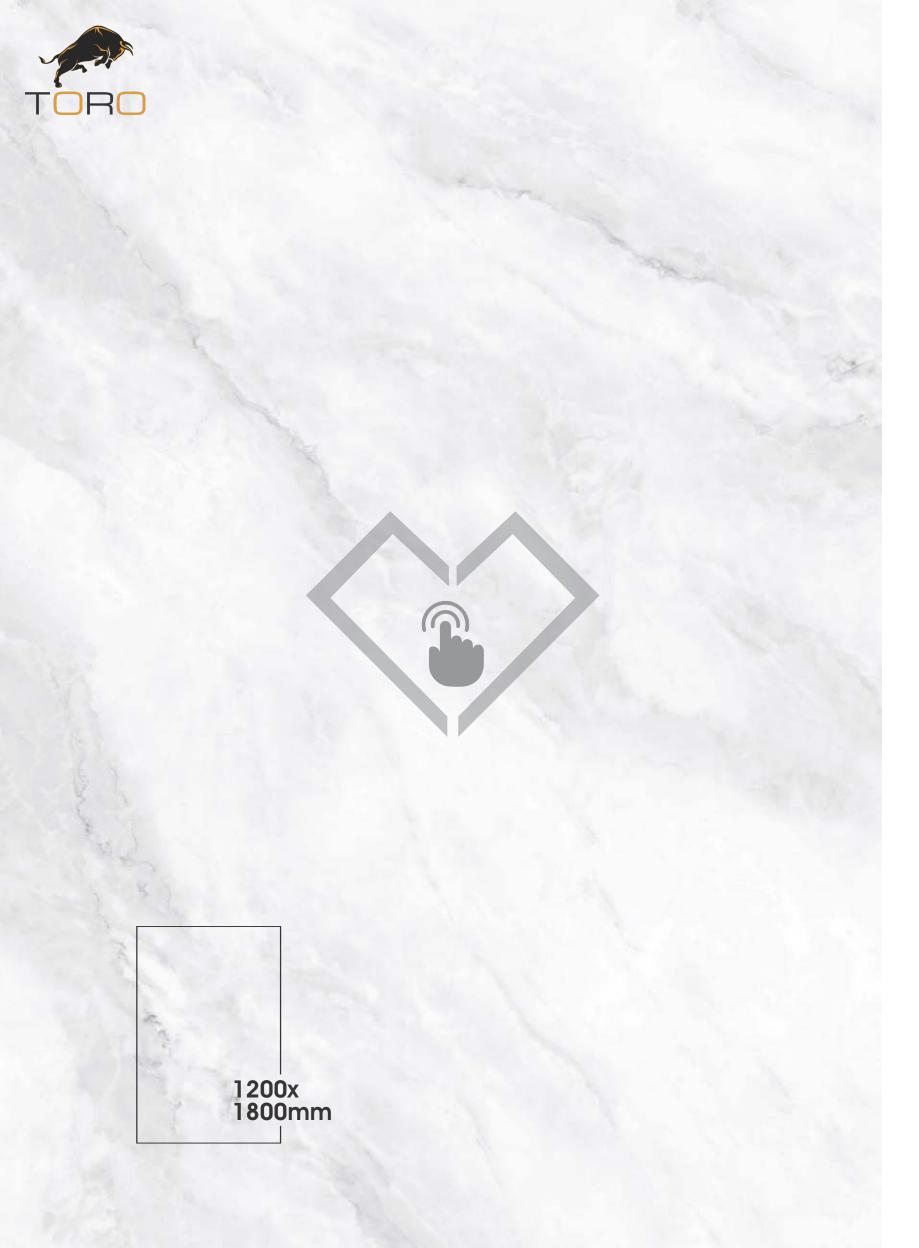


MICHELO GREY

Finish **Polished**



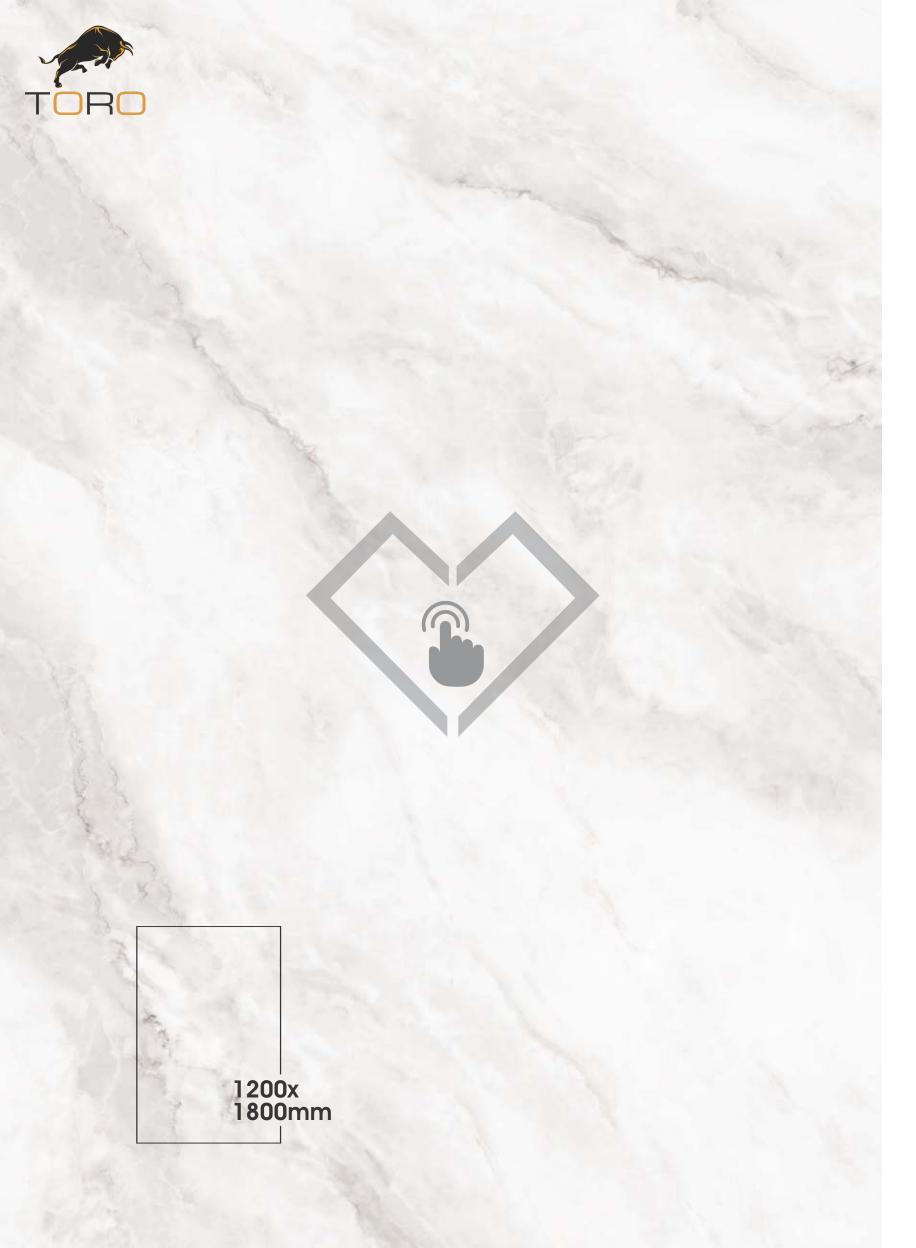
SIZE **1200x1800mm** Random **04**



NIMBUS GREY

Finish

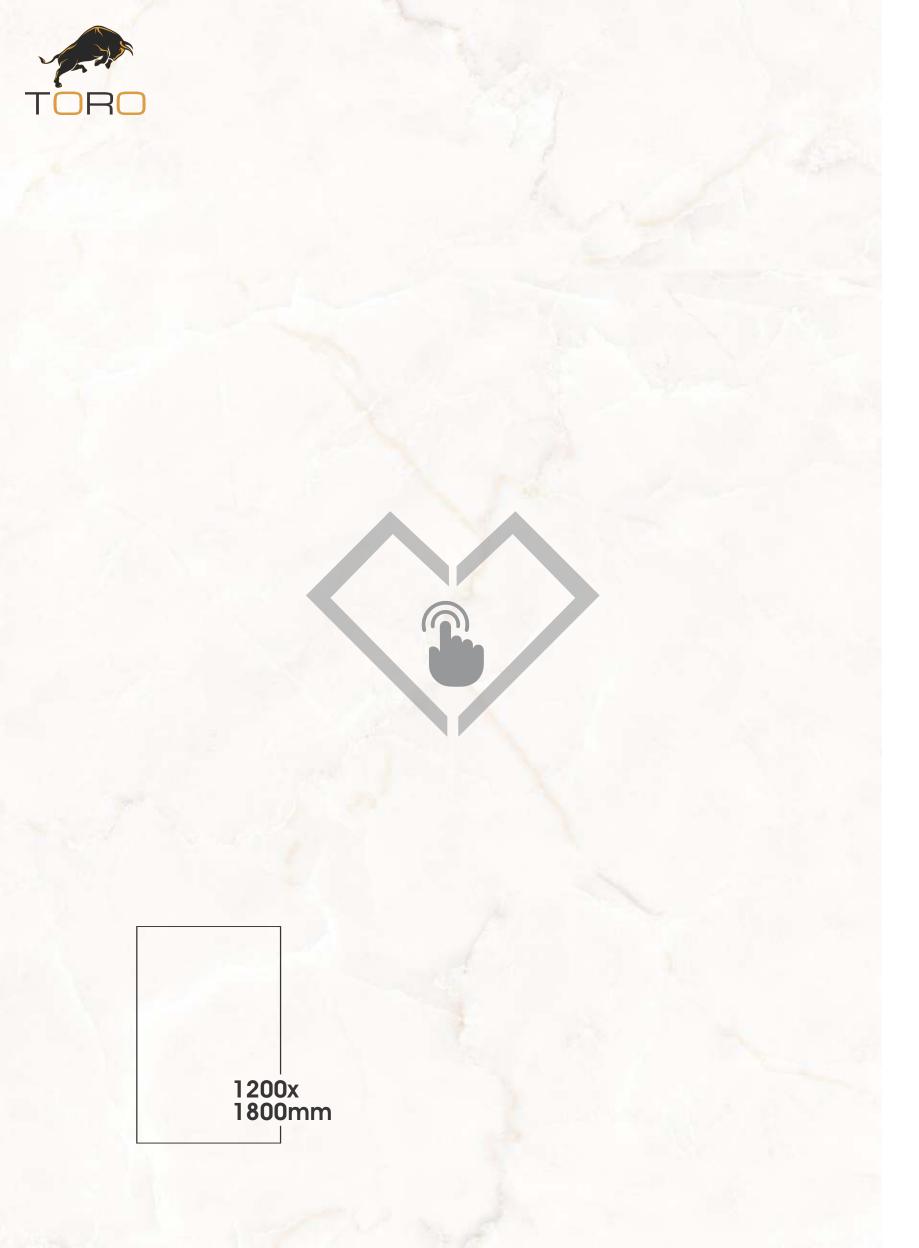




NIMBUS NATURAL

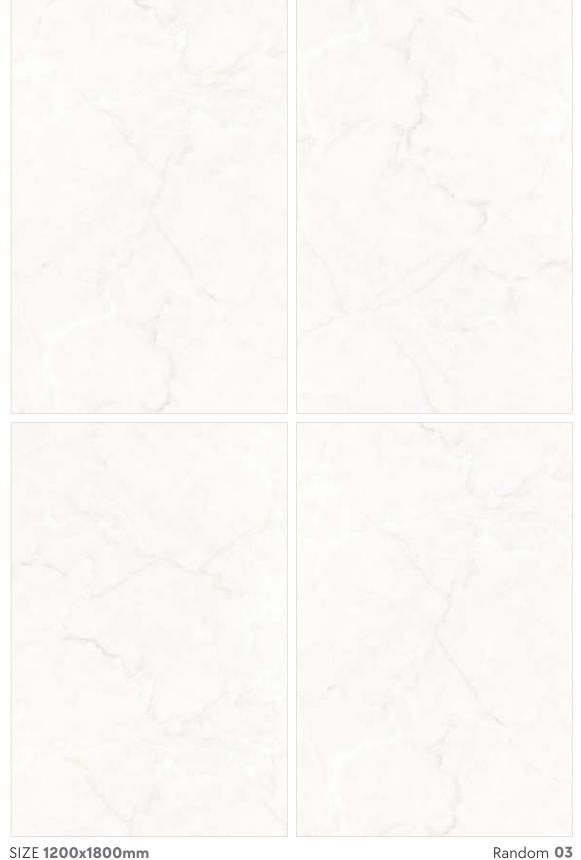
Finish

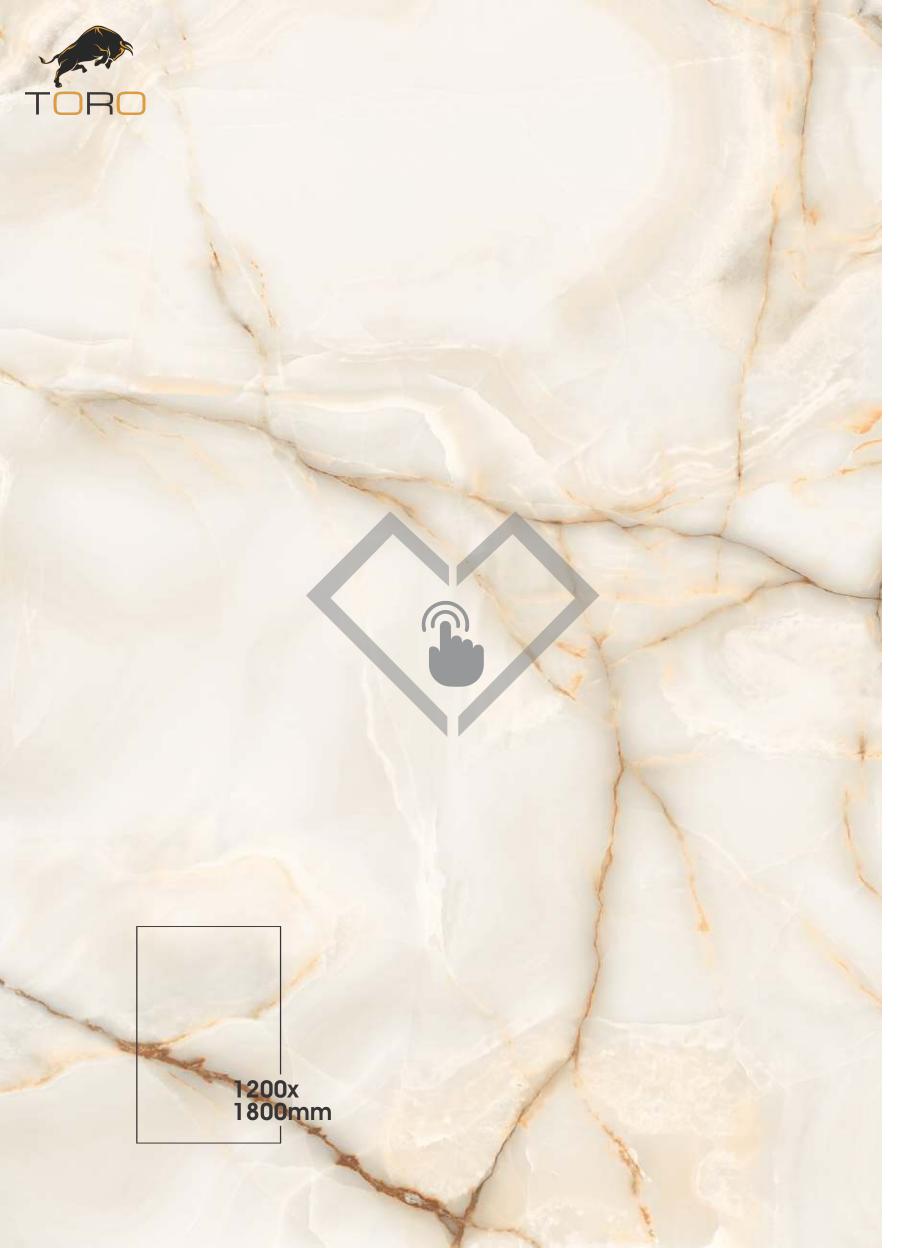




ONICE SHINE

Finish





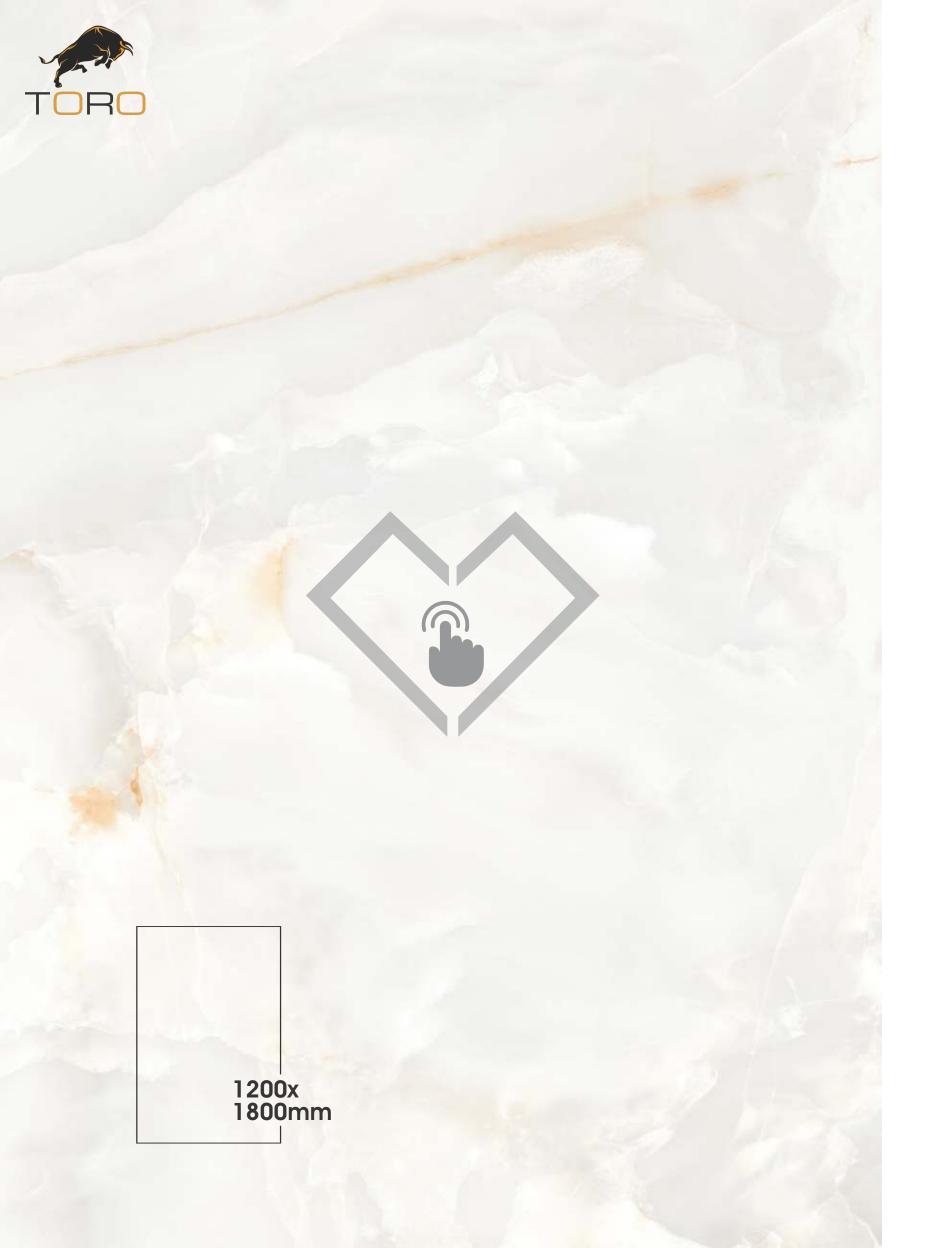
ONXY ASTONIA

Finish
Polished



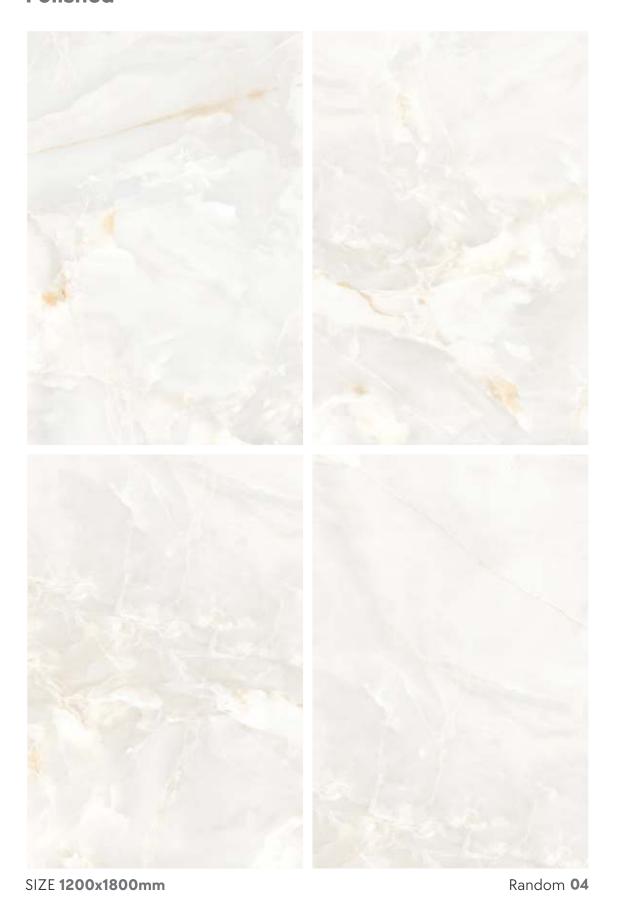
SIZE **1200x1800mm** Random **02**

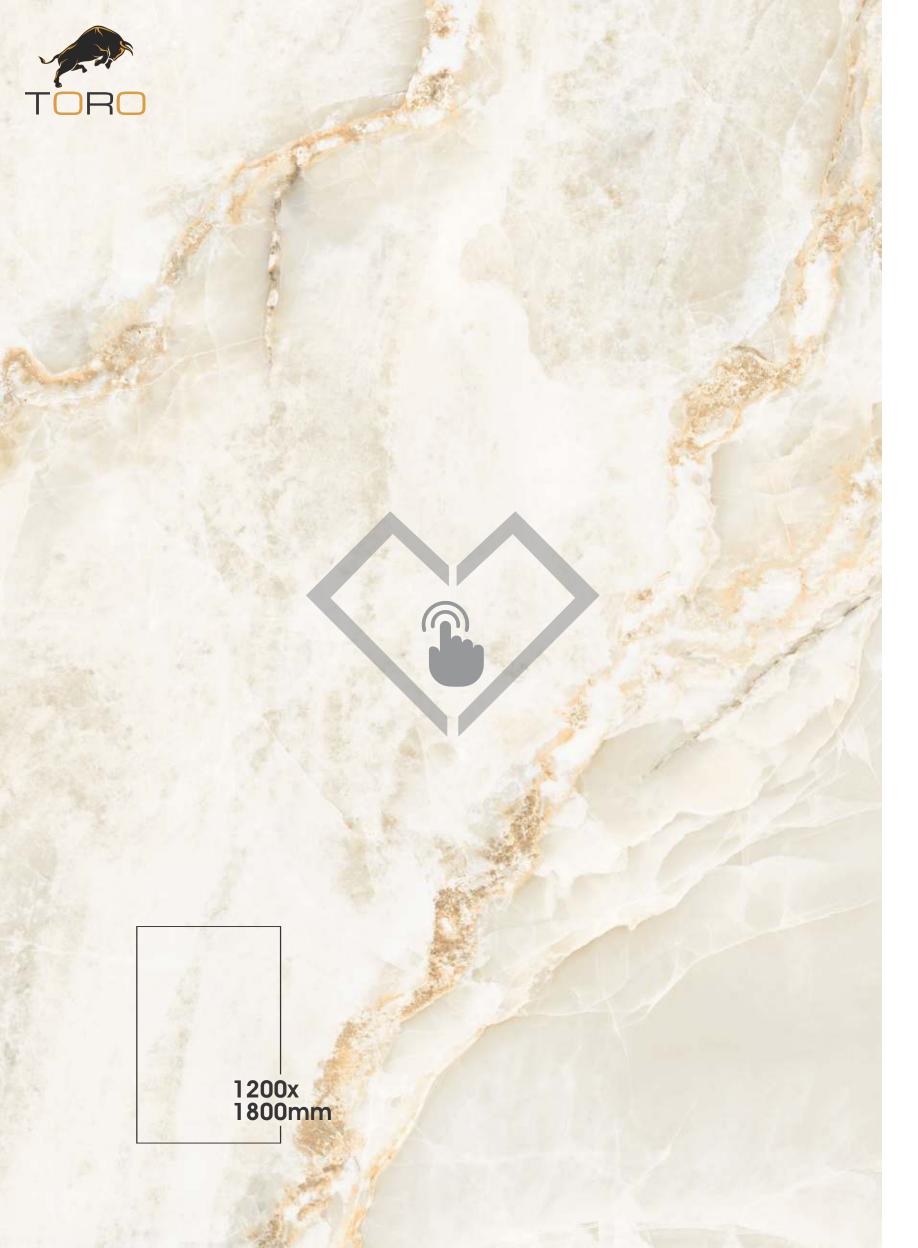




ONYX CRYSTAL BIANCO

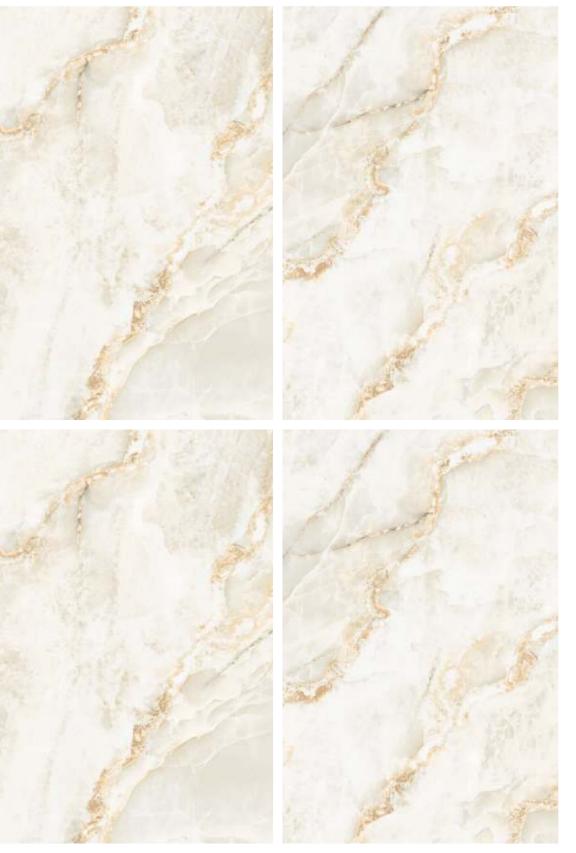
Finish



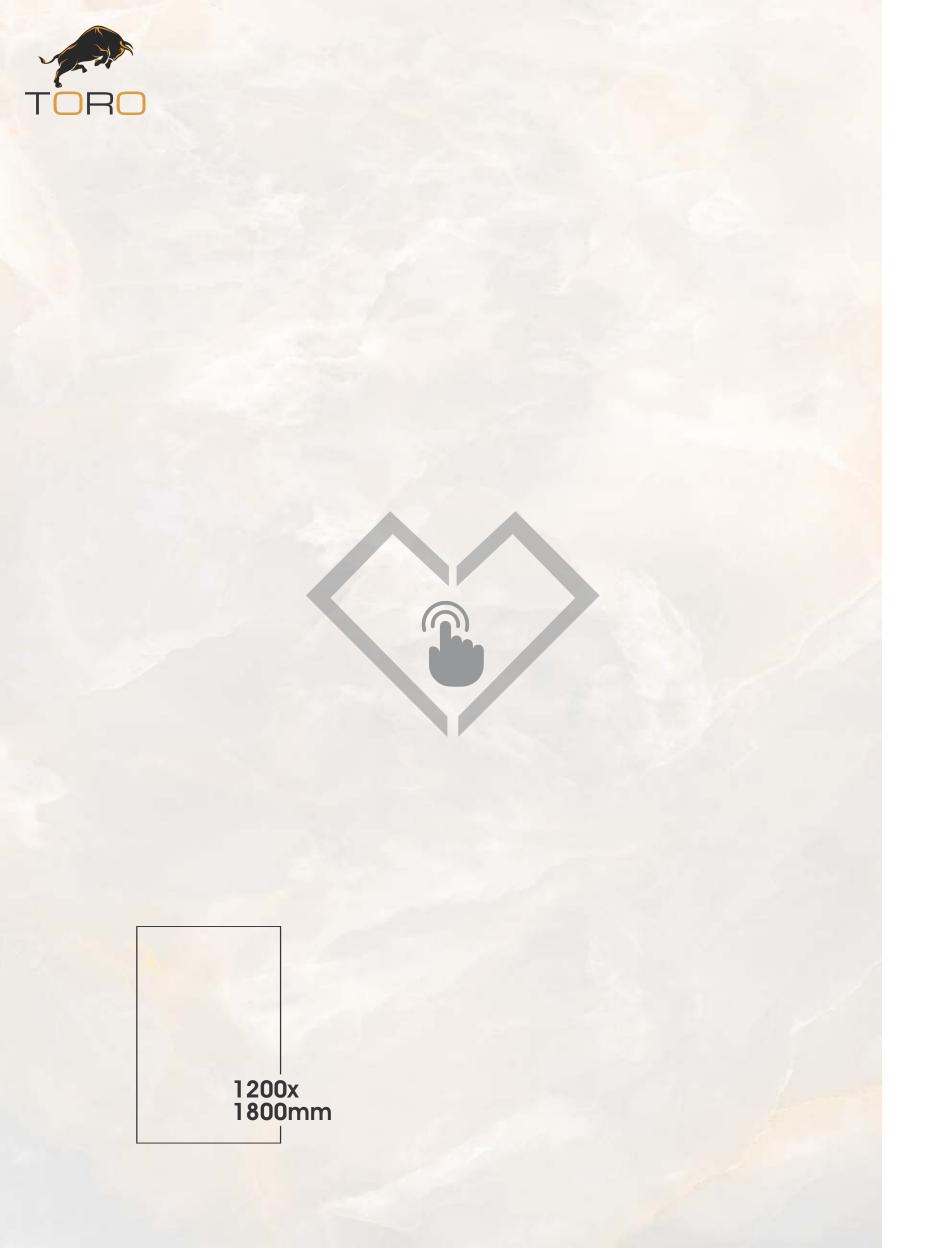


ONYX DELICATO

Finish Polished



SIZE **1200x1800mm** Random **02**



ONYX FREDO

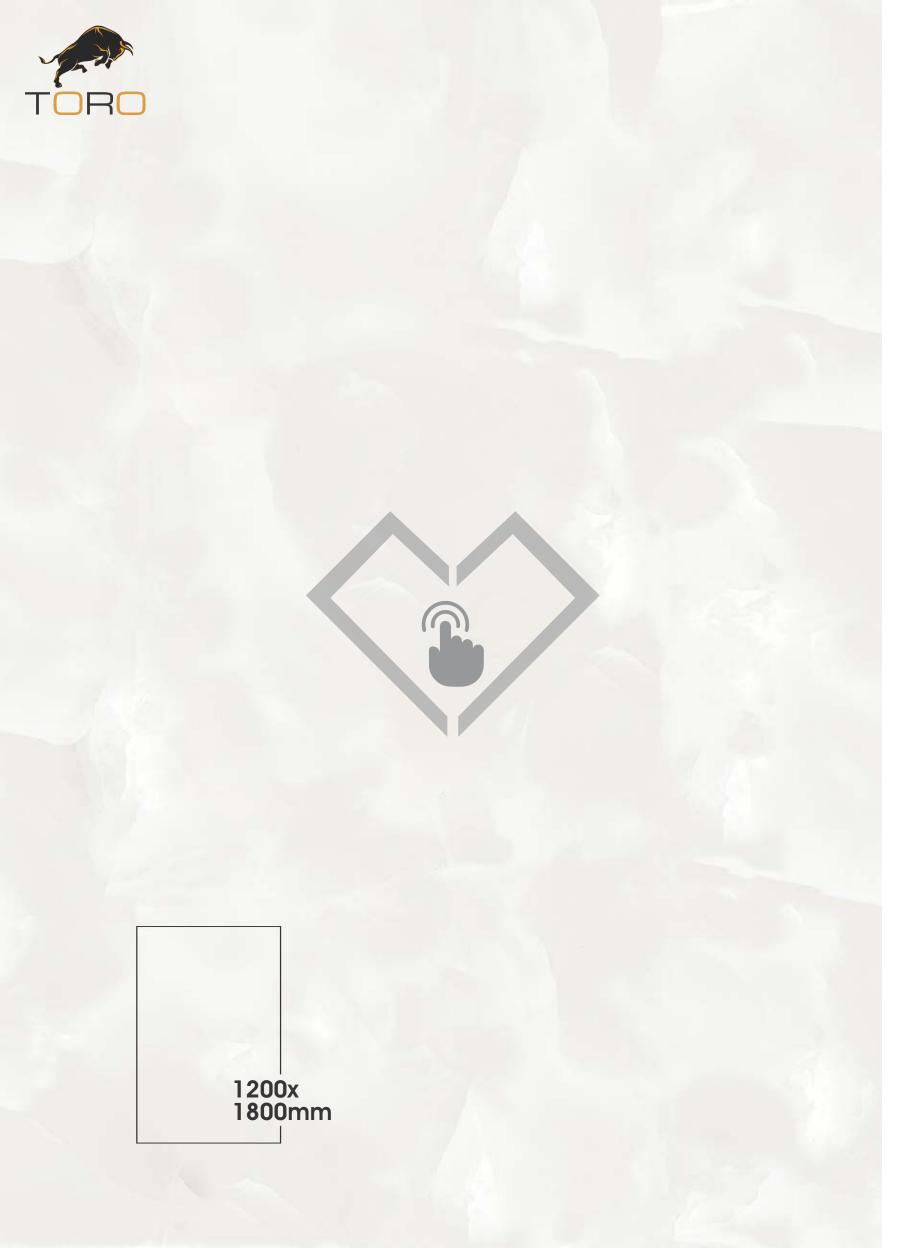
Finish

Polished



Random **02** SIZE **1200x1800mm**





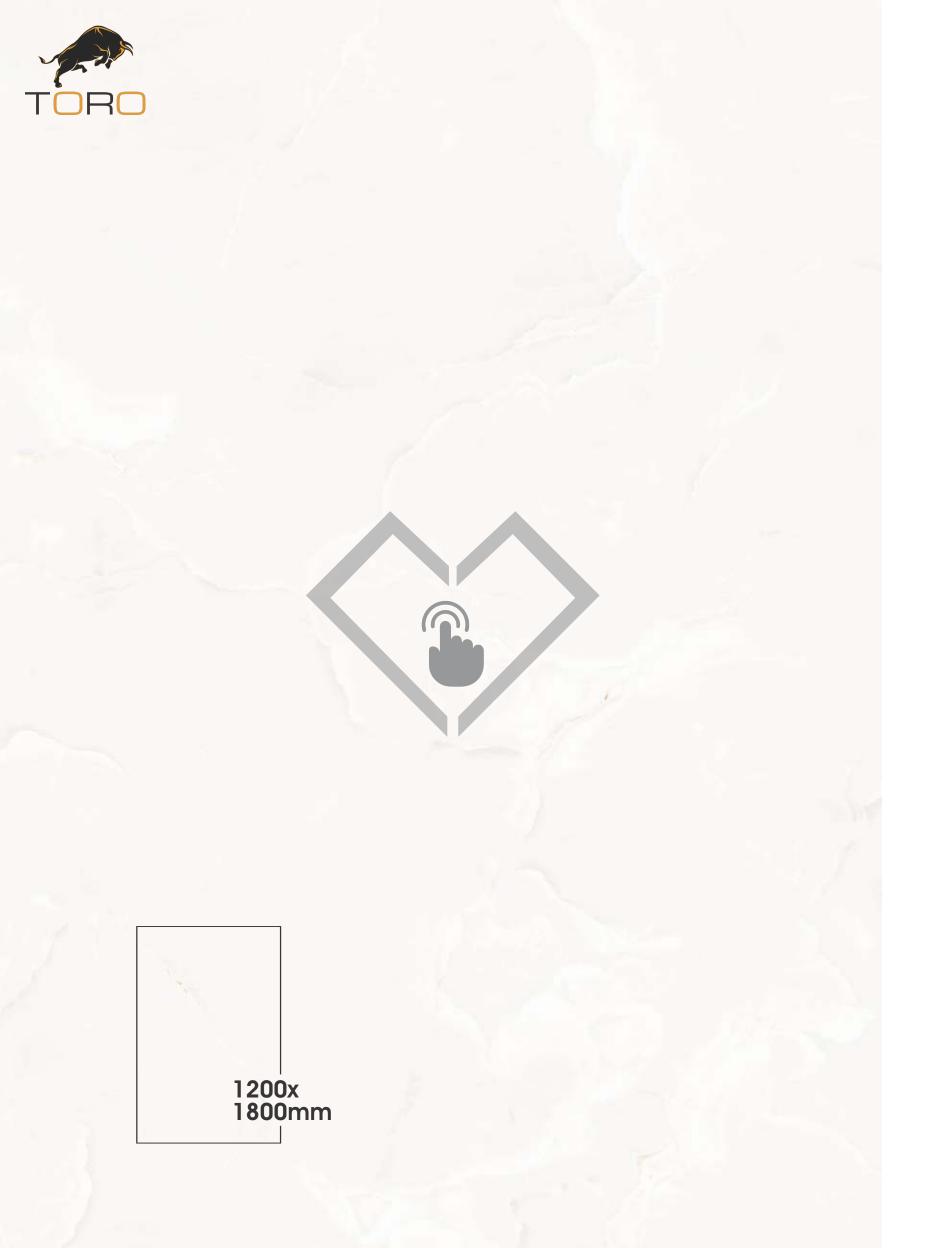
ONYX HEILO

Finish

Polished



Random **03** SIZE **1200x1800mm**



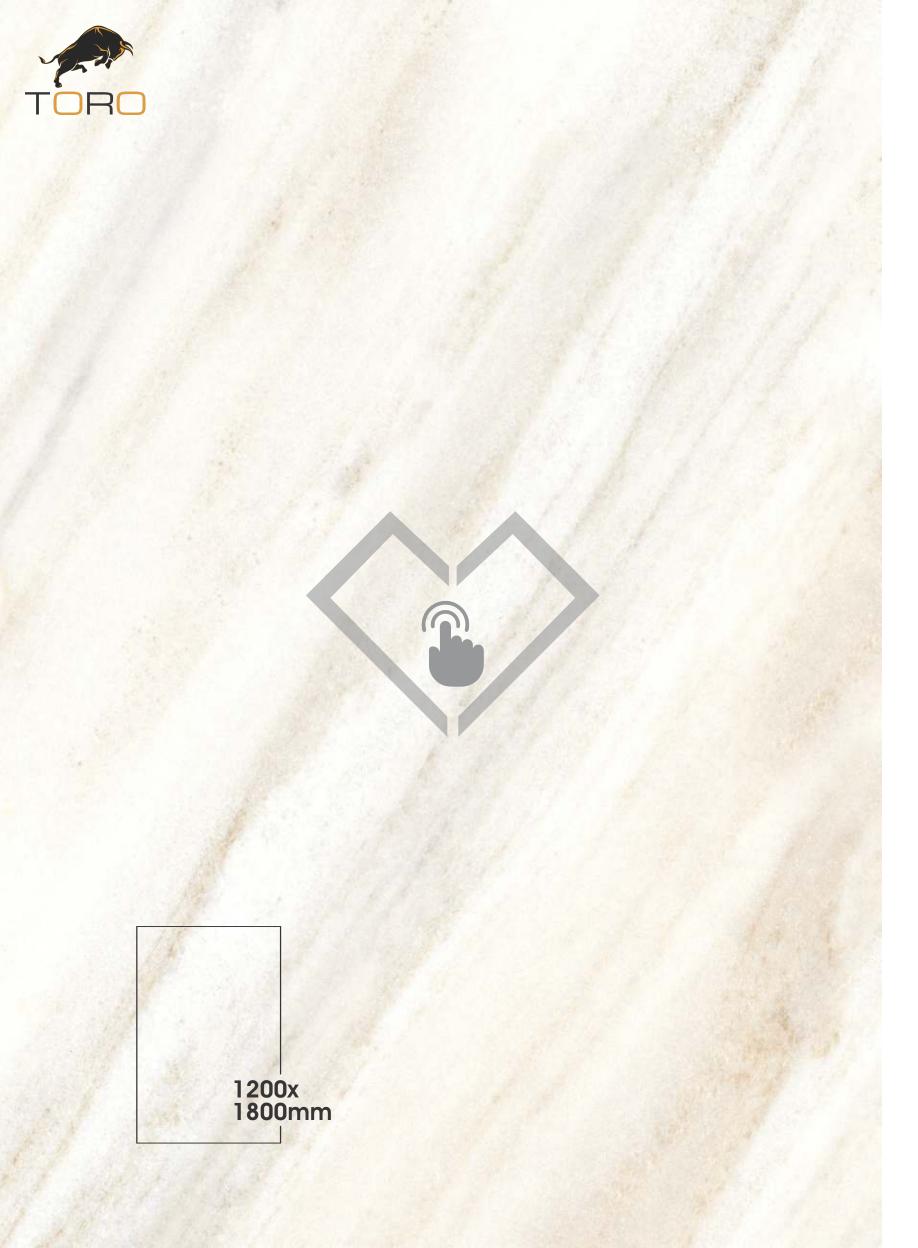
ONYX VENZELLA

Finish

Polished



Random **03** SIZE **1200x1800mm**



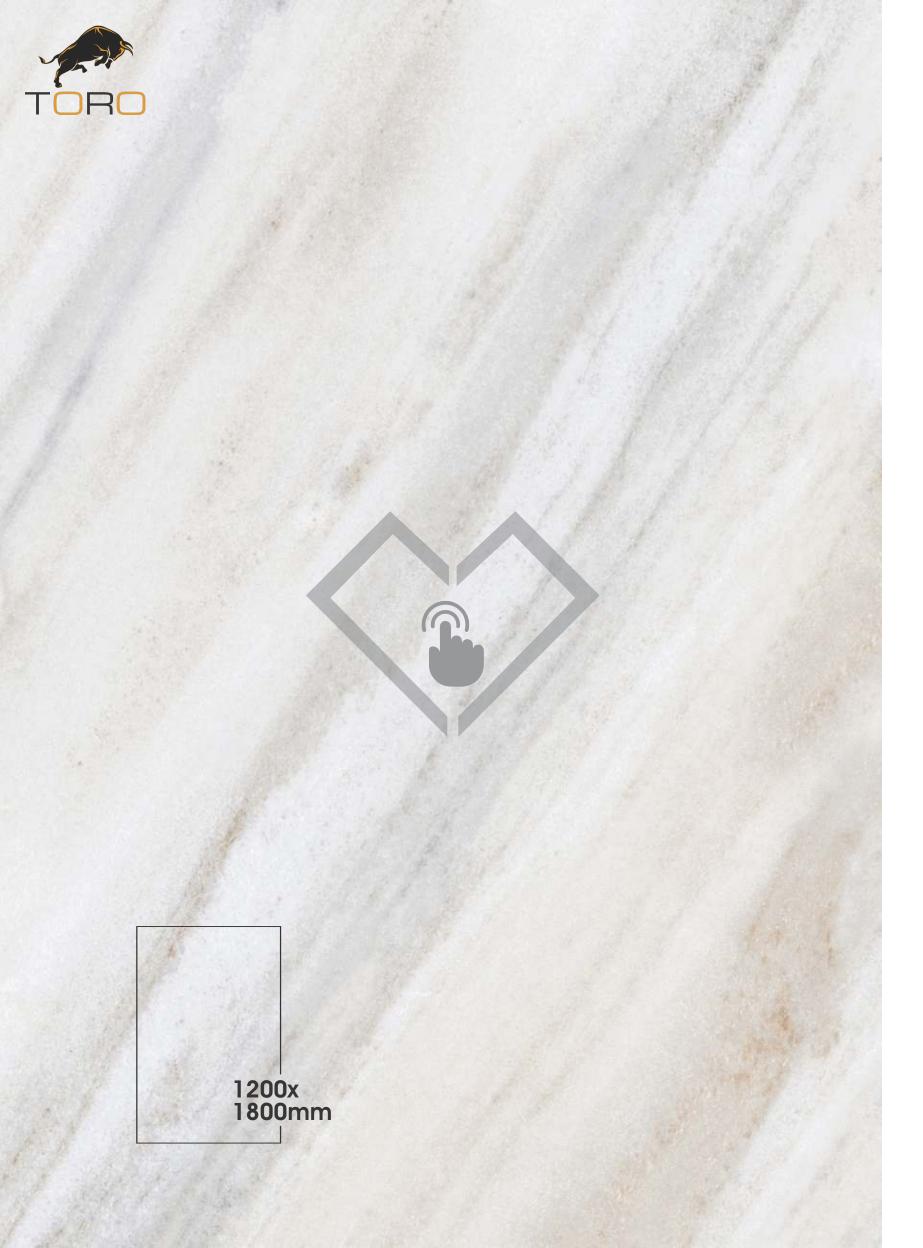
PANAPLAST CREMA

Finish





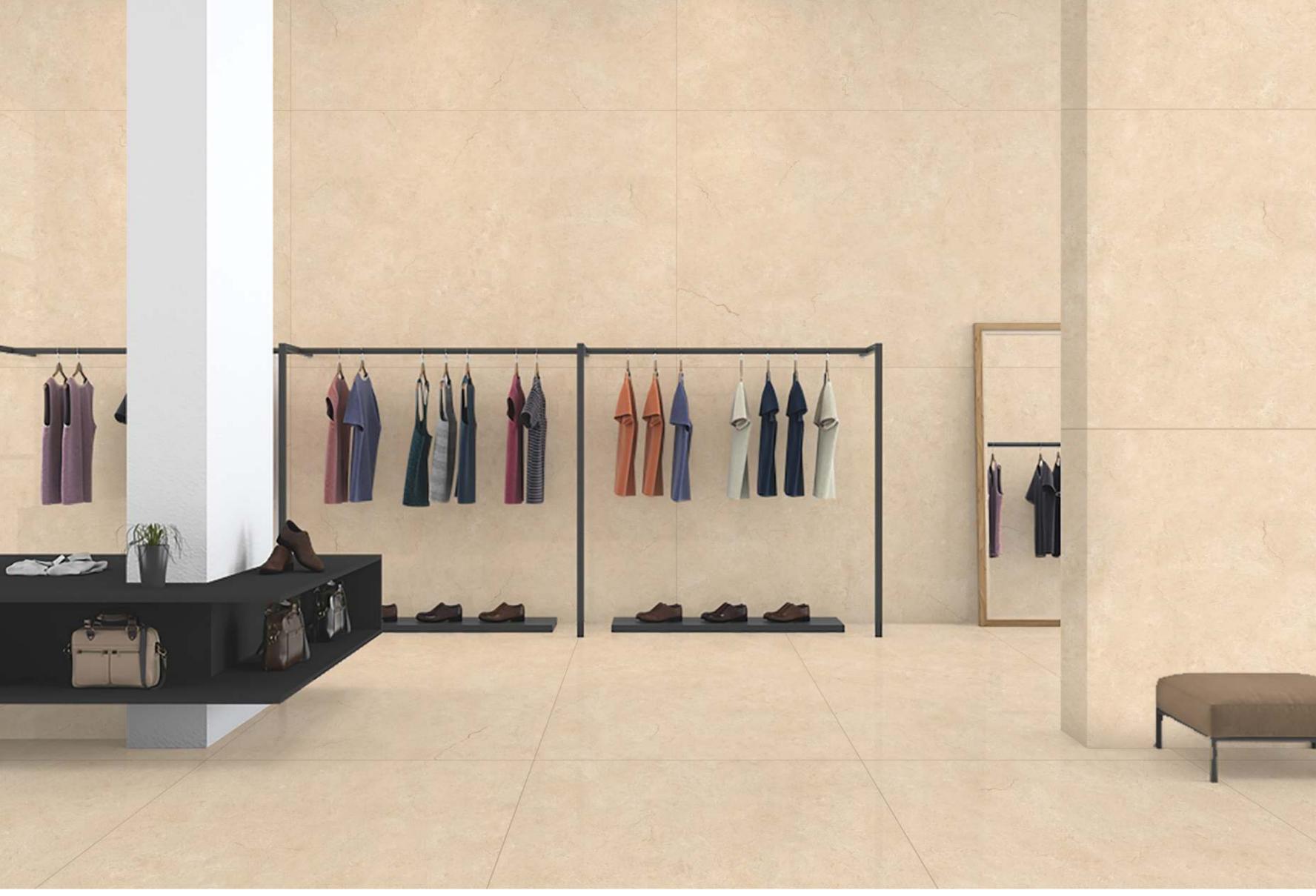
PANAPLAST NATURAL

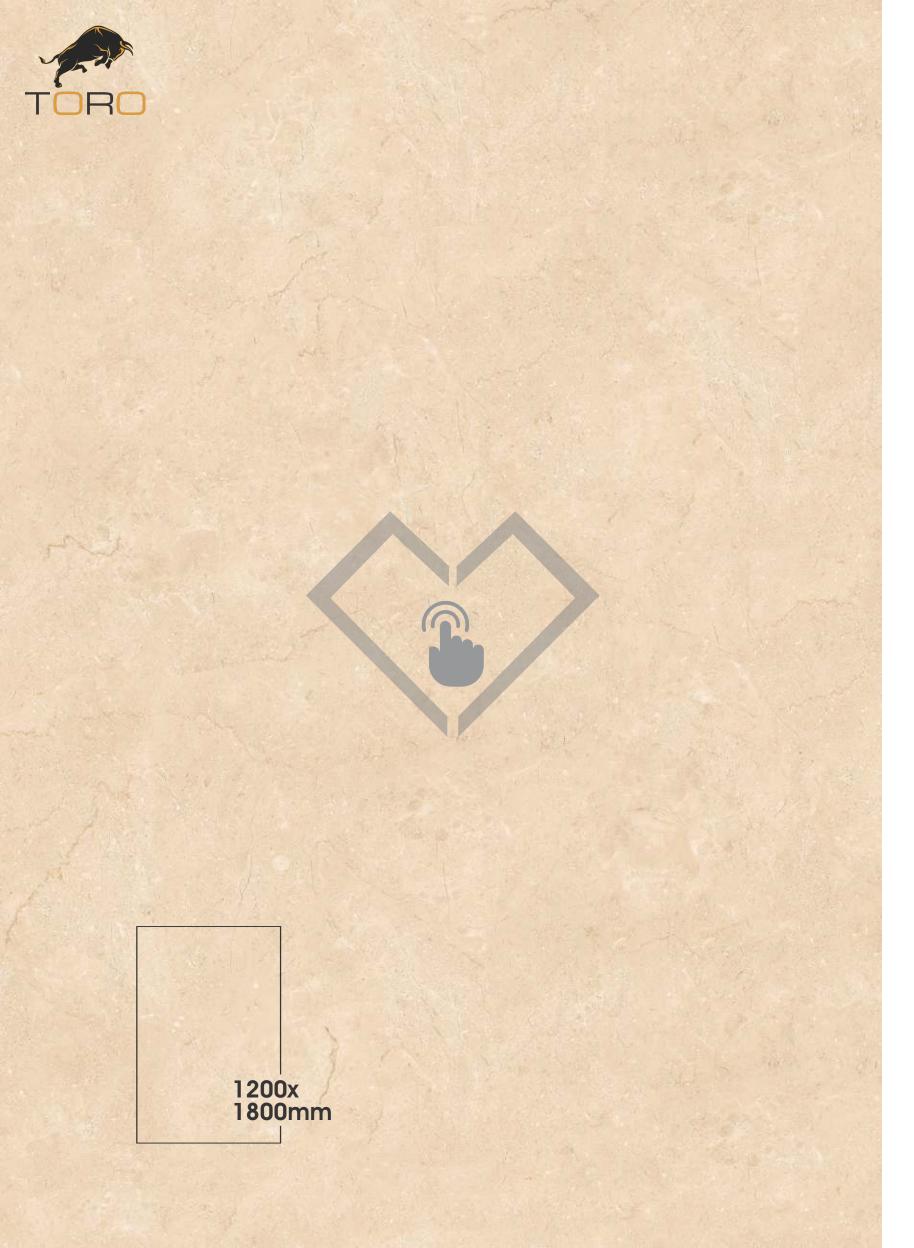


PANAPLAST NATURAL

Finish



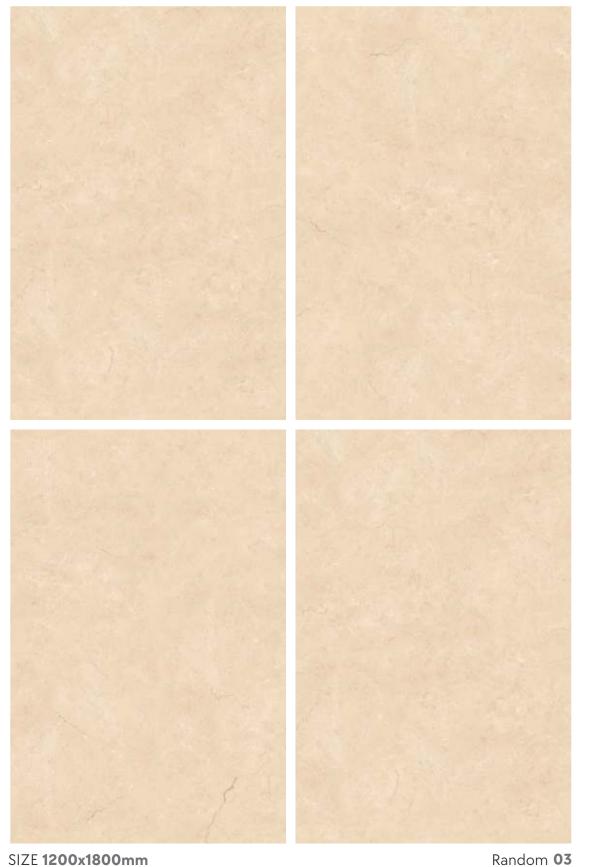




PILAR BEIGE

Finish

Polished



Random **03**





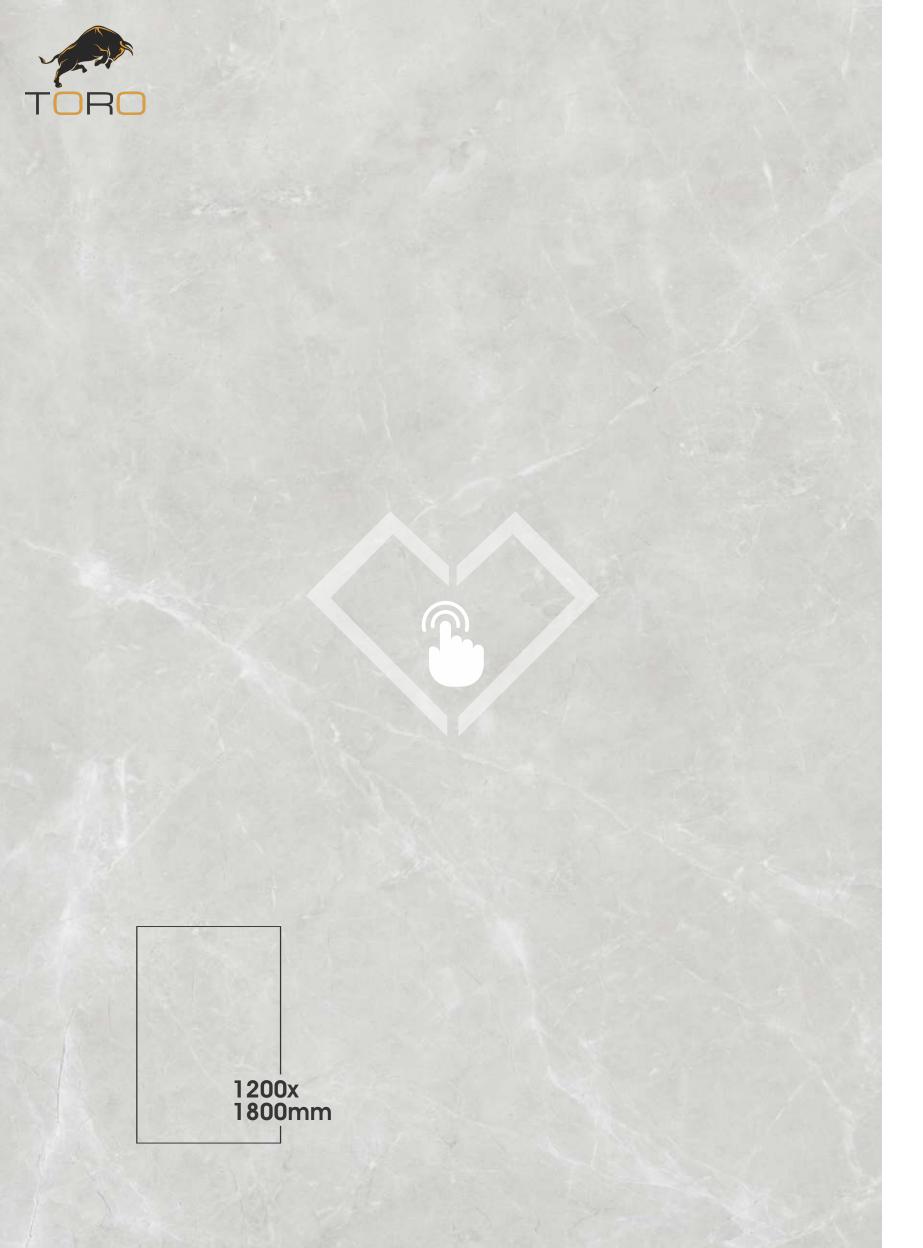
PORTOFINO BEIGE

Finish

Polished







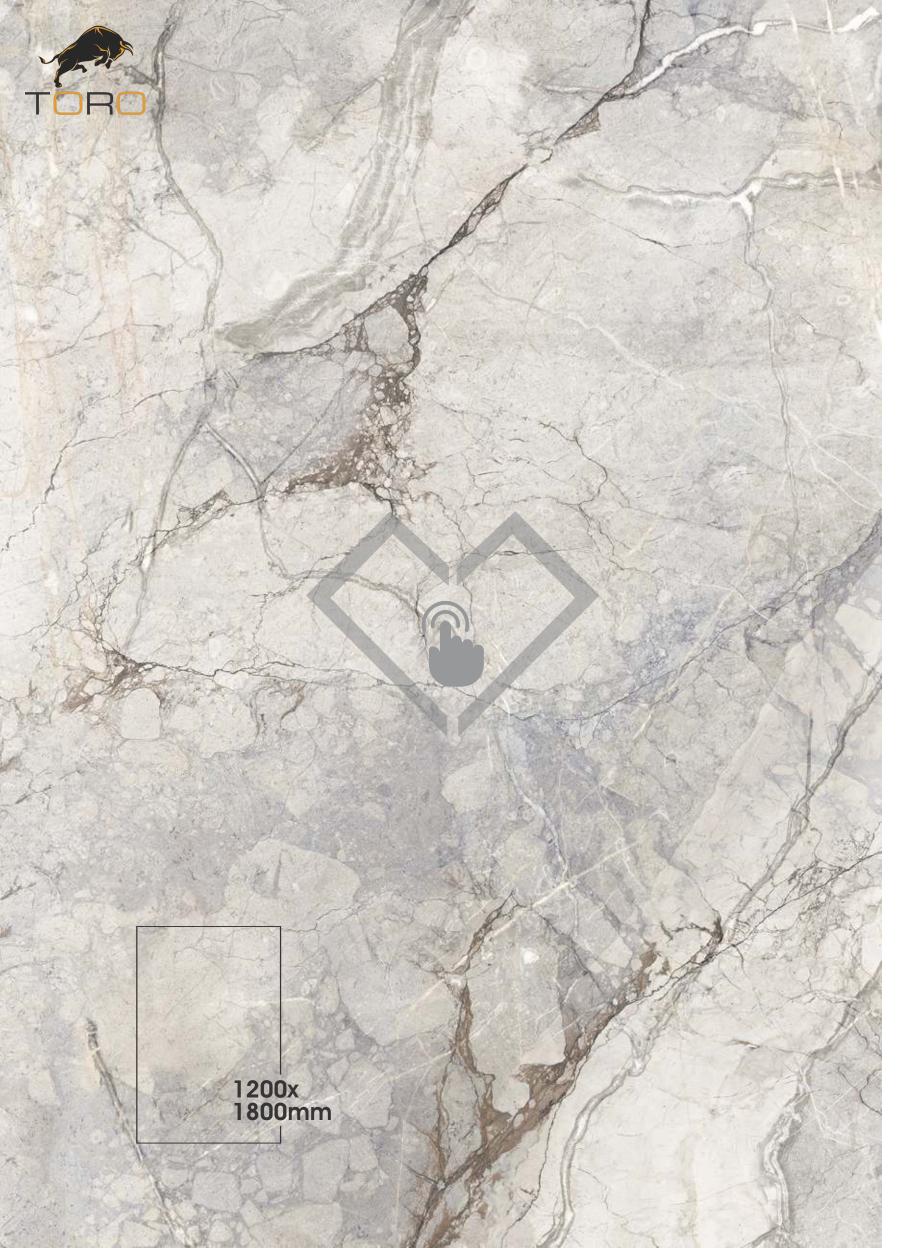
PORTOFINO BIANCO

Finish

Polished



Random **03**



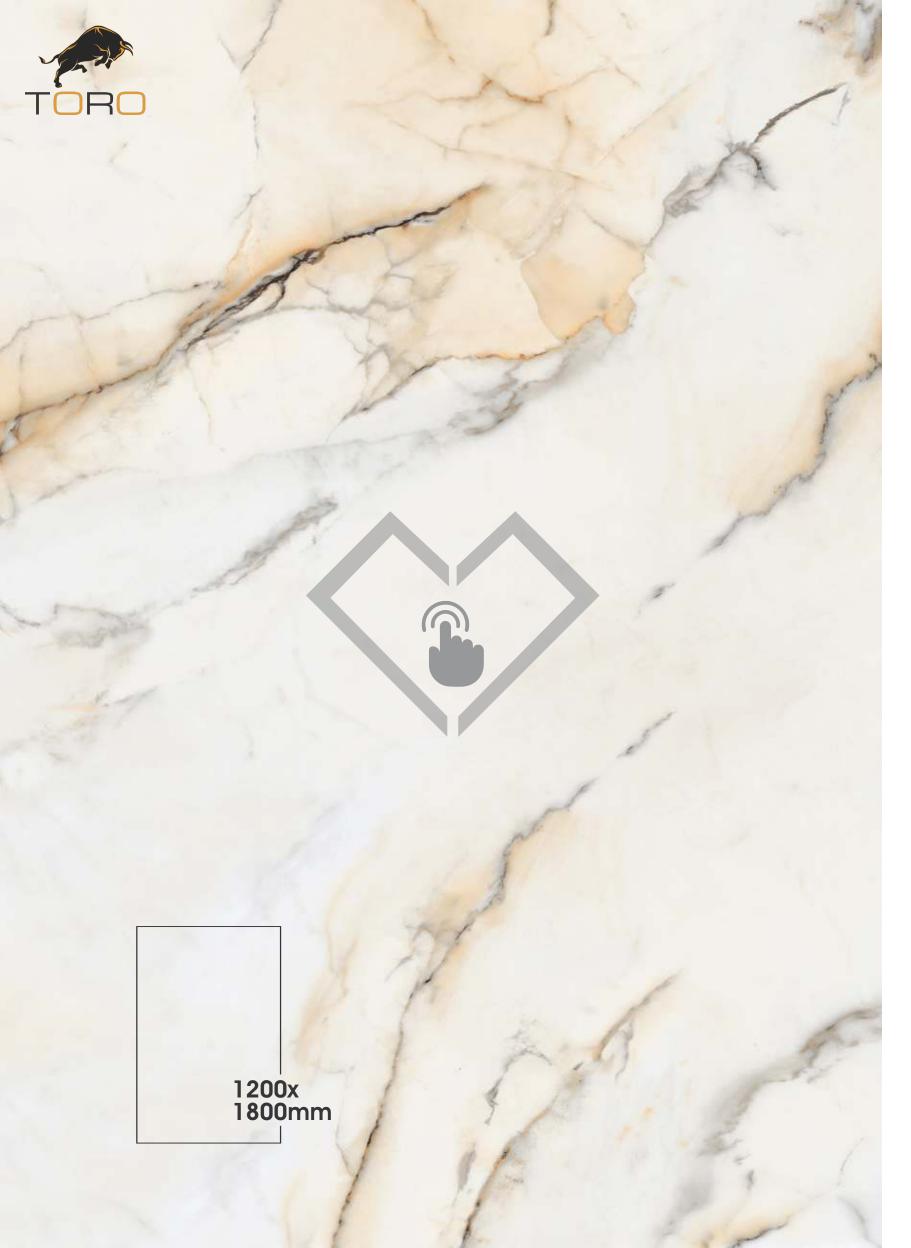
SAVIA GREY

Finish Polished



SIZE **1200x1800mm** Random **03**

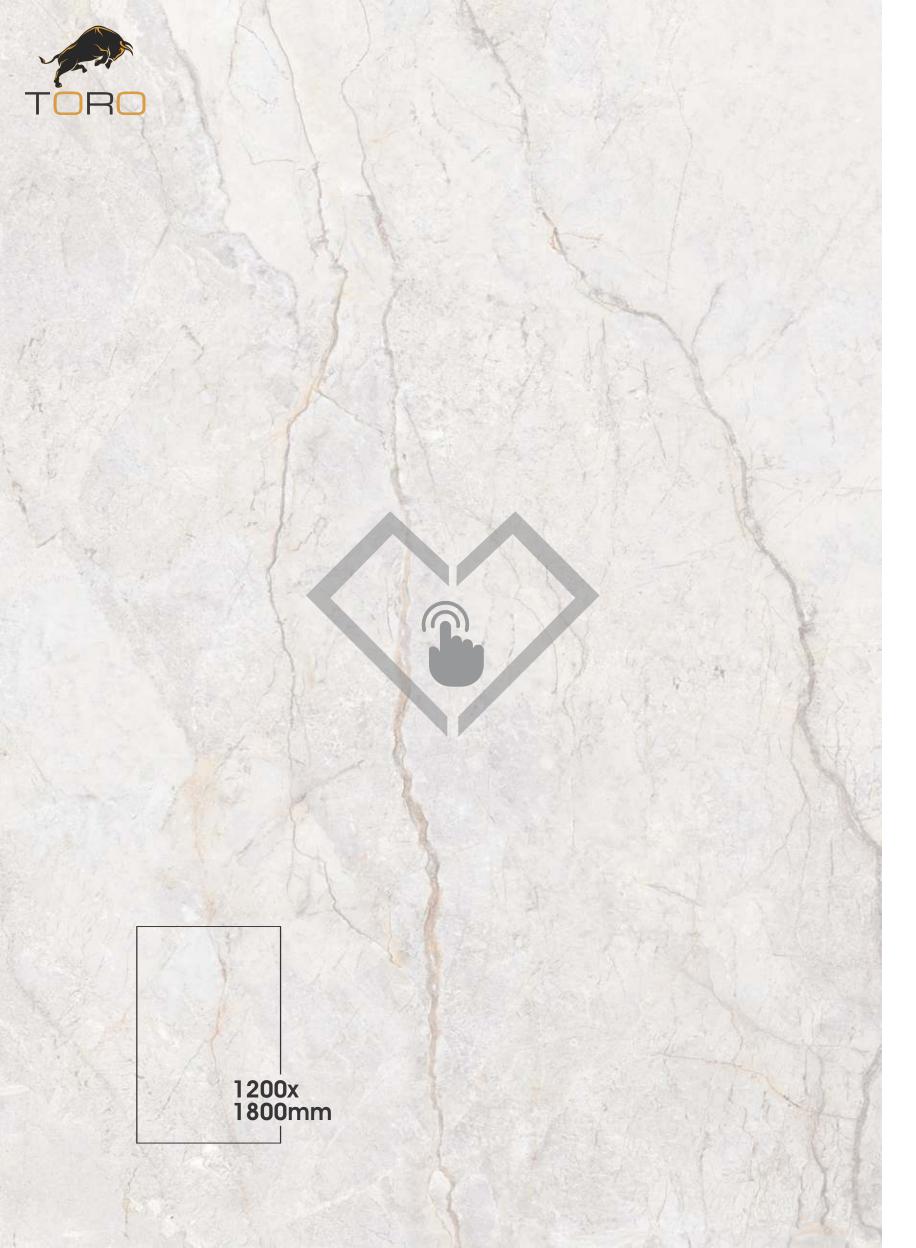




SERENITY BROWN

Finish

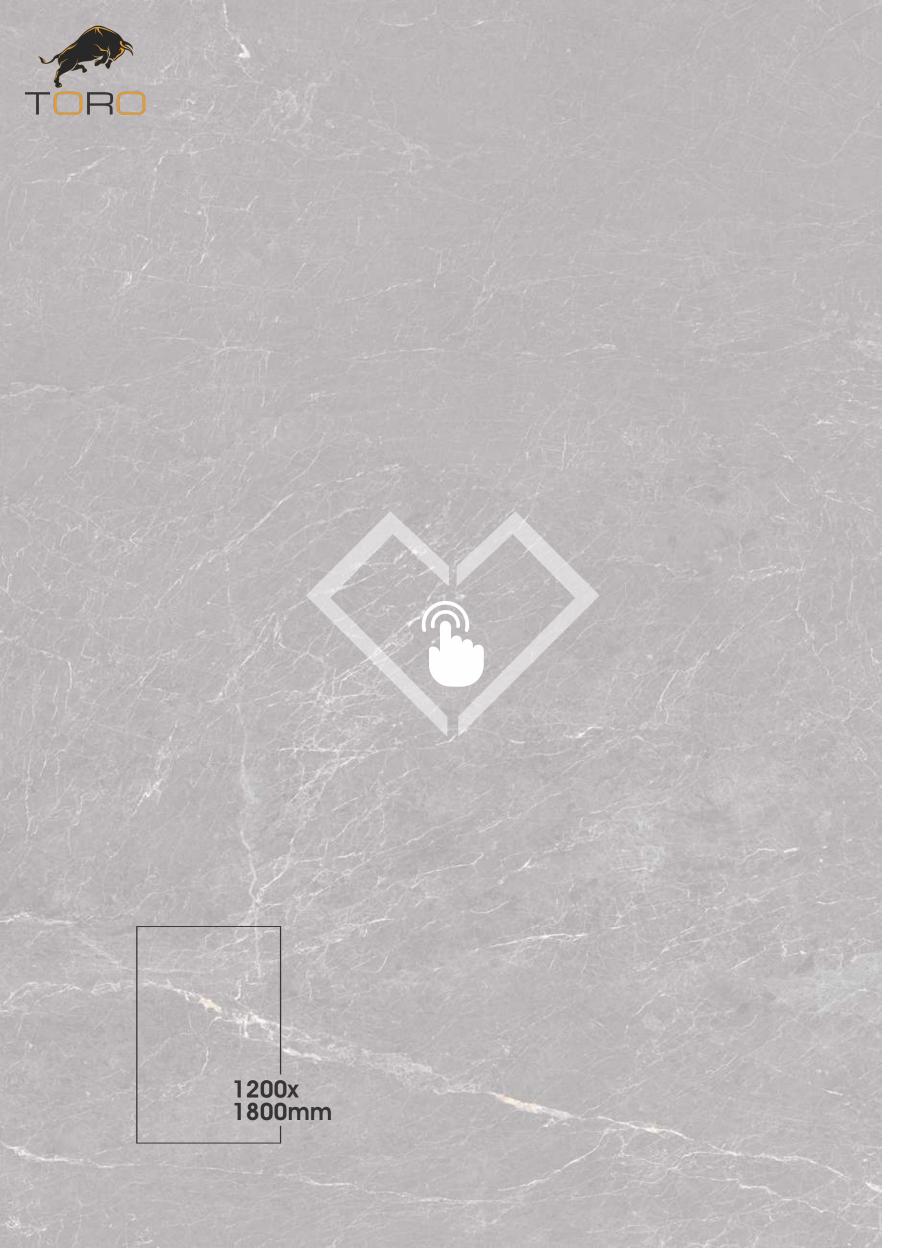




SILVERA BEIGE

Finish Polished





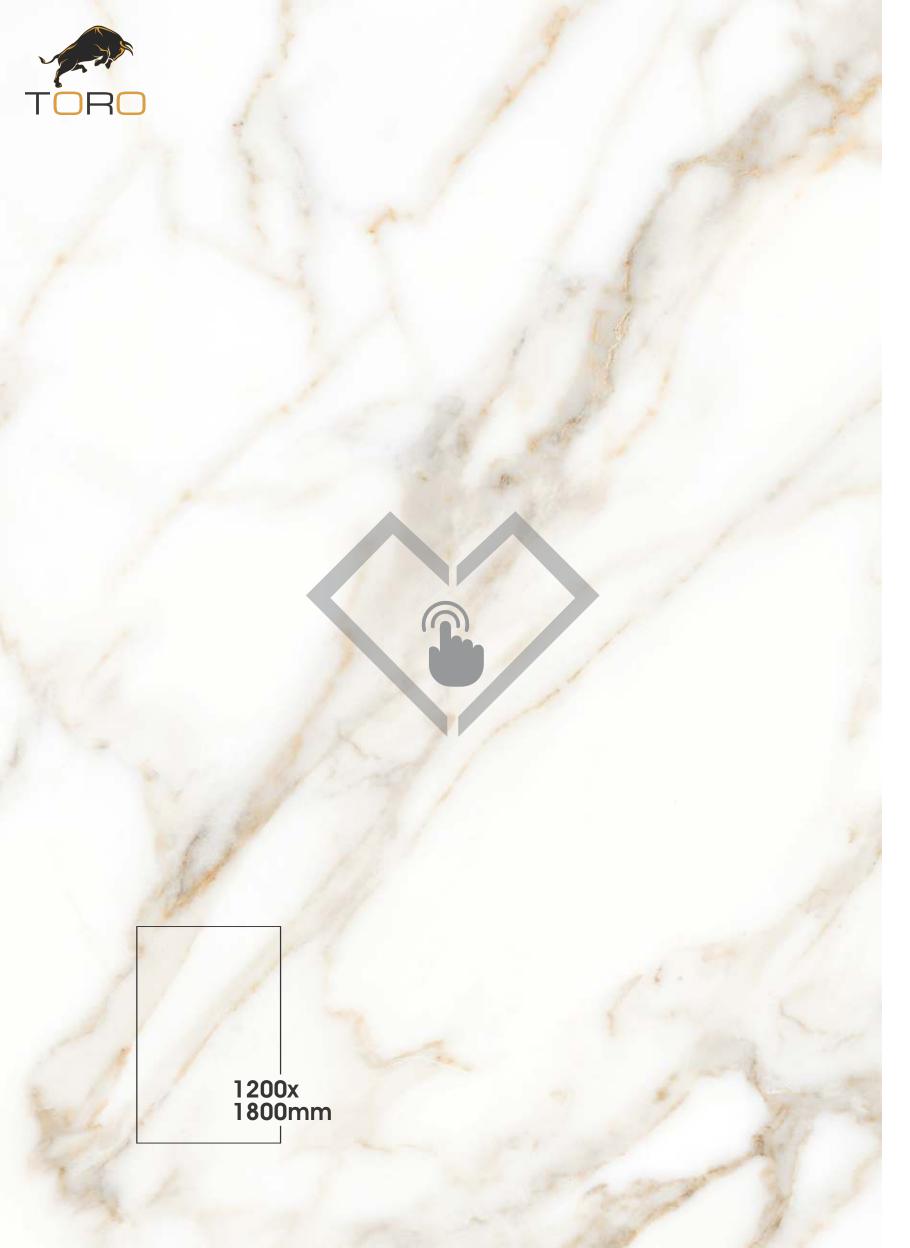
SINERA GREY

Finish

Polished



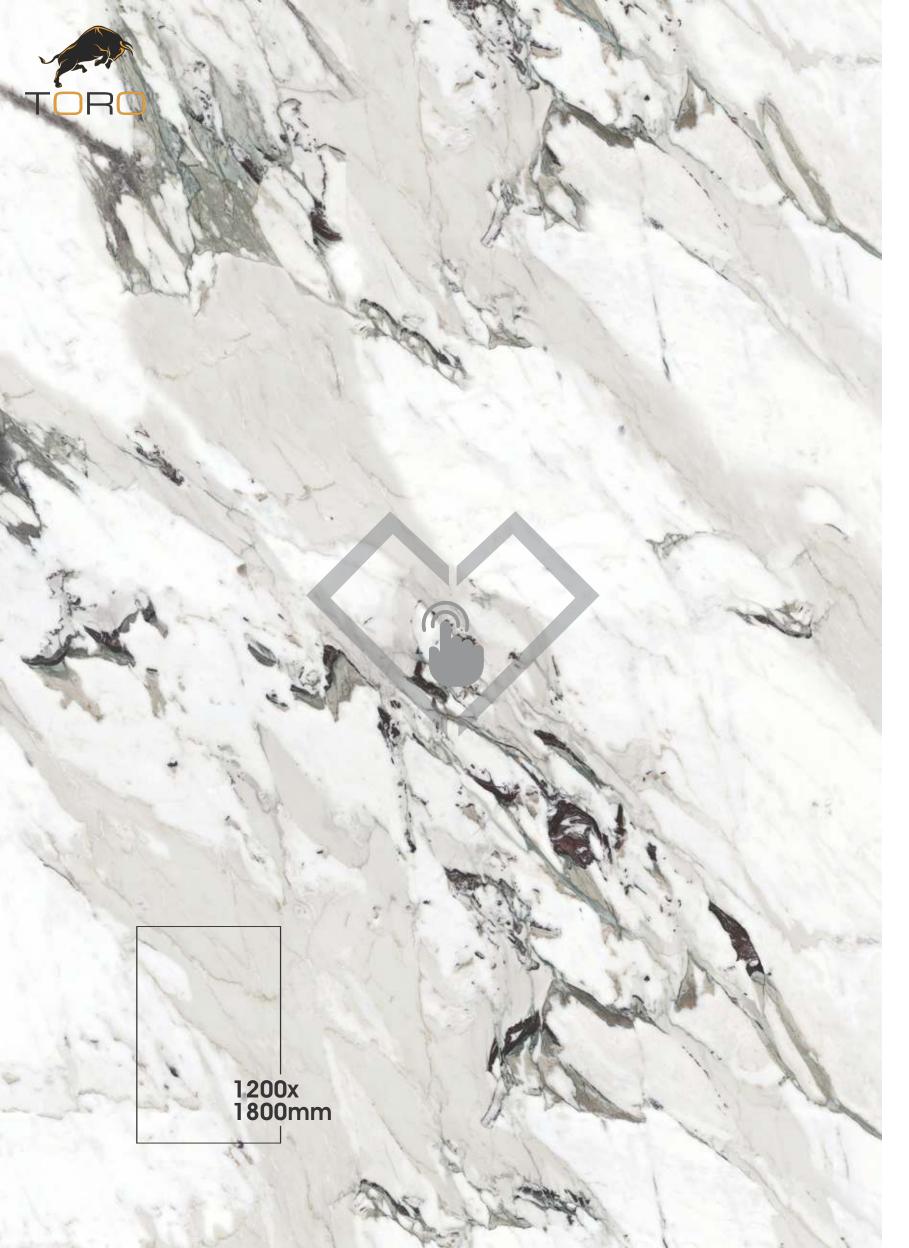




STATUARIO FLARE

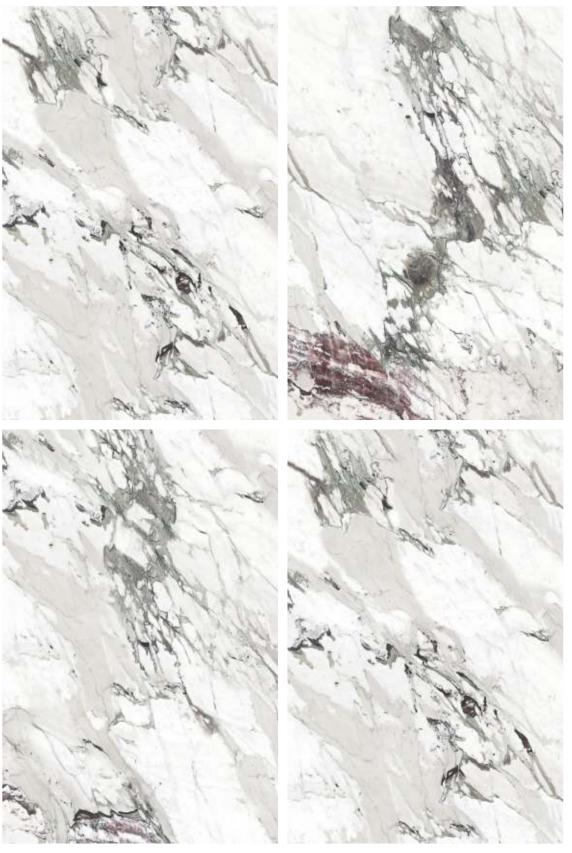
Finish

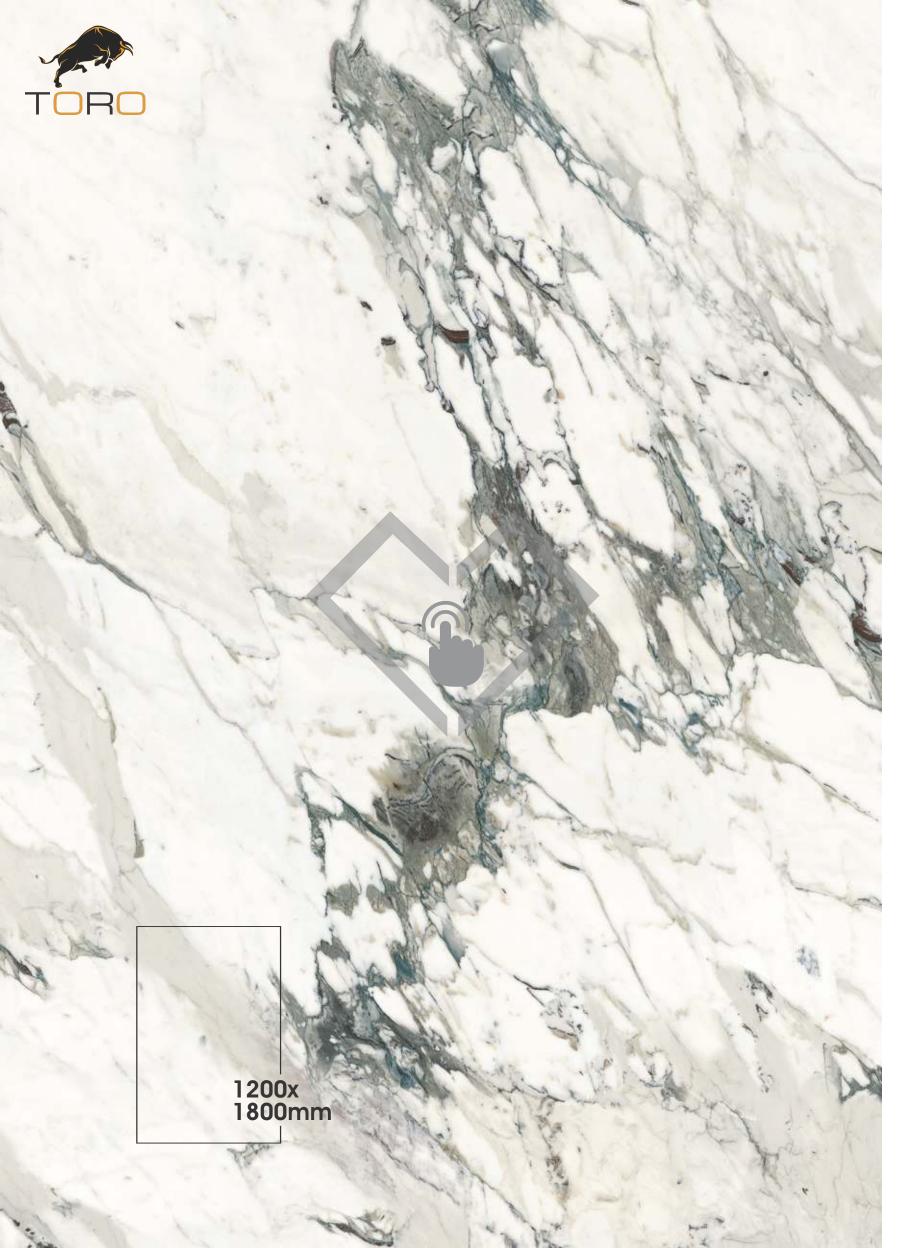




STATUARIO MAVERICK BROWN

Finish Polished



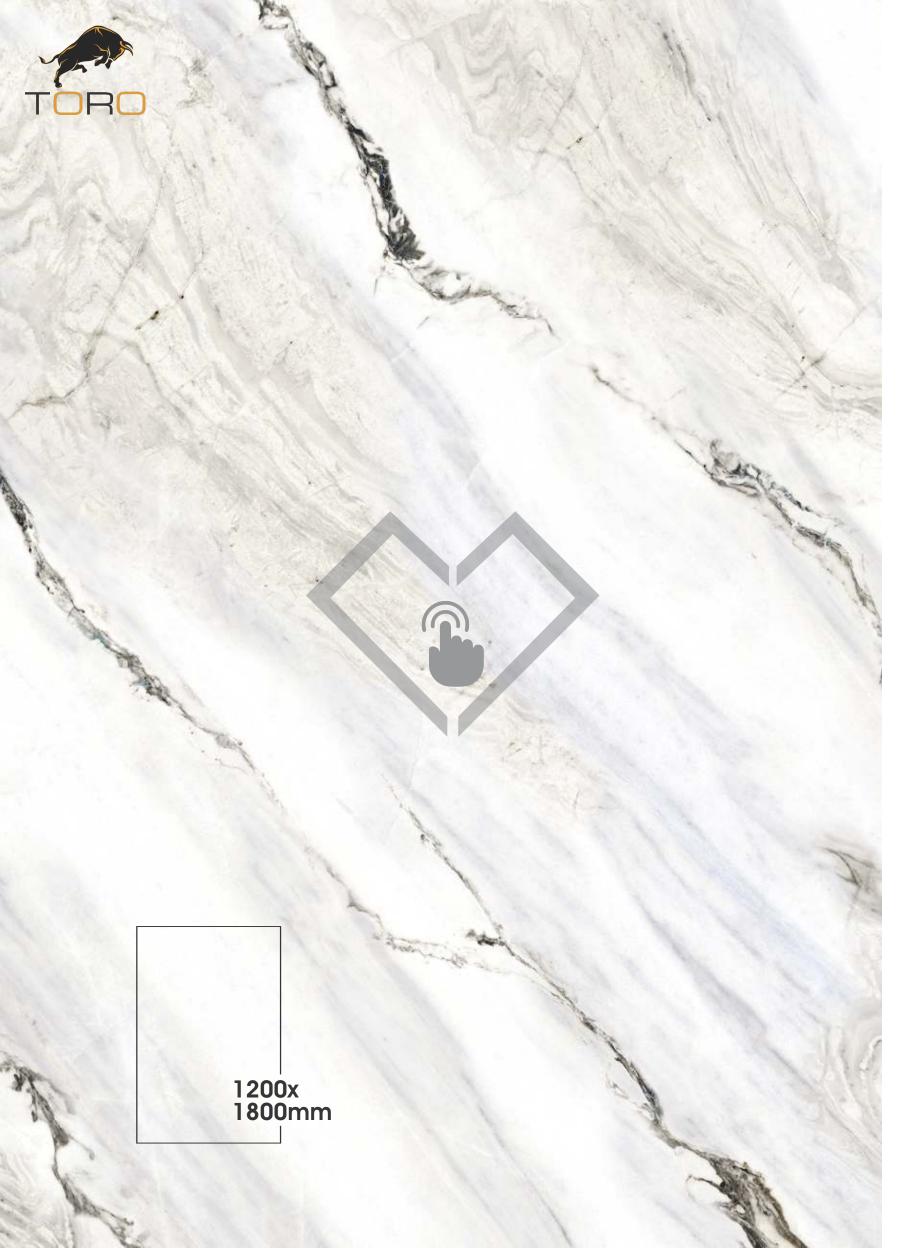


STATUARIO MAVERICK GREEN

Finish Polished



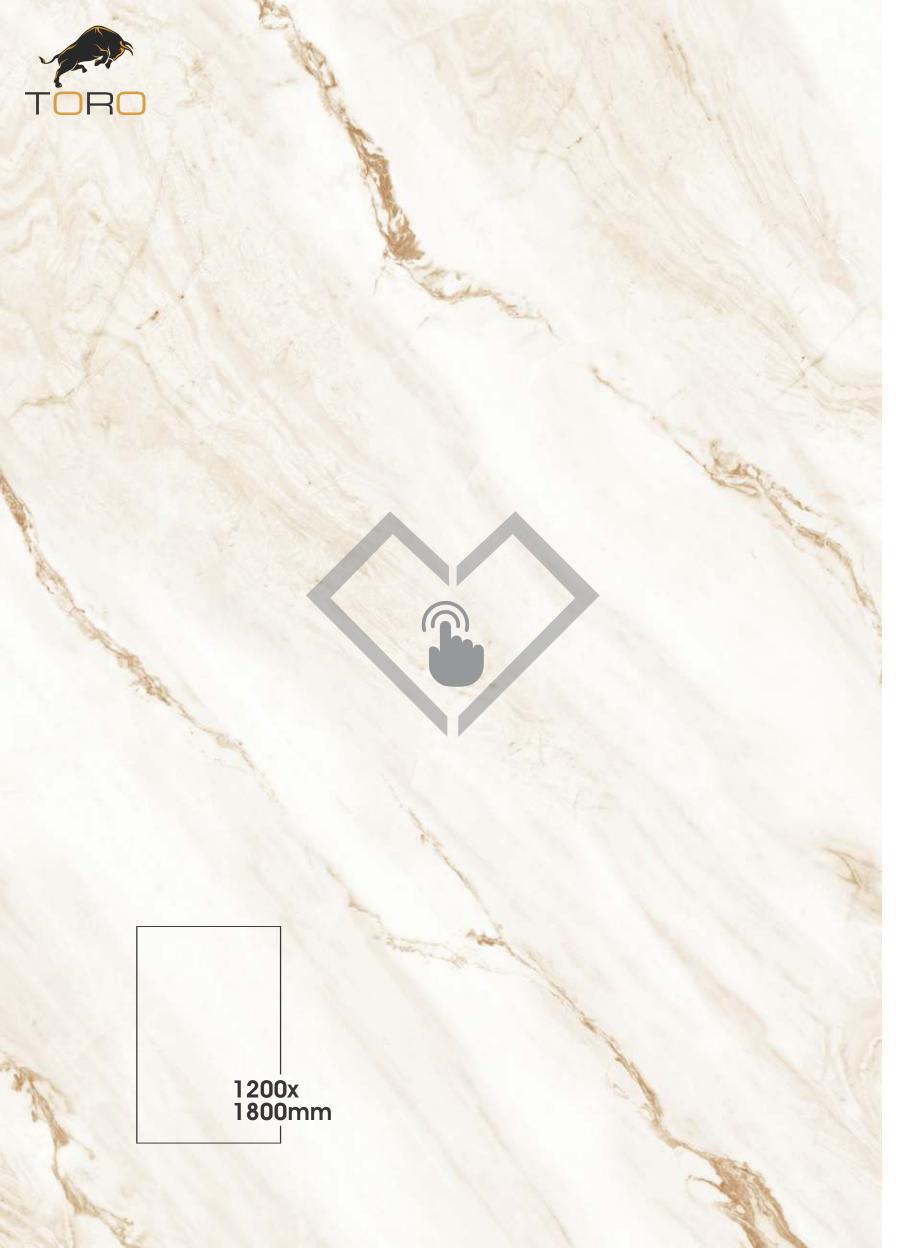




STATUARIO ORCHID GREY

Finish Polished



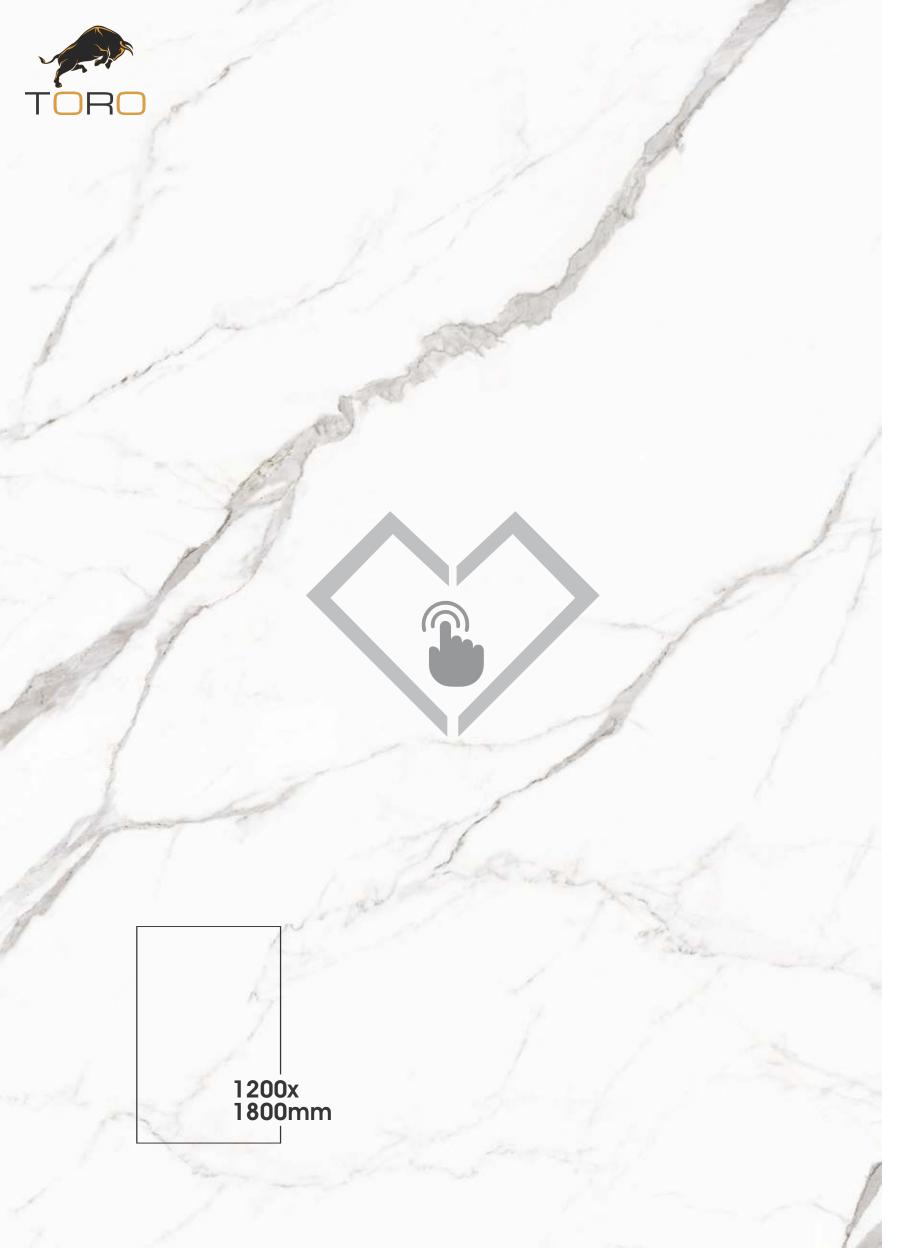


STATUARIO ORCHID IVORY

Finish

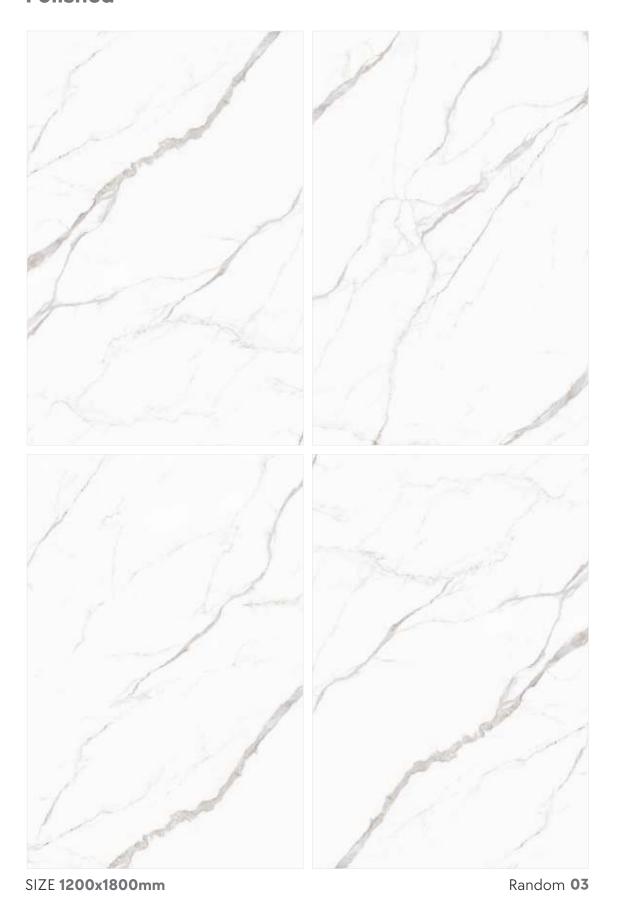
Polished

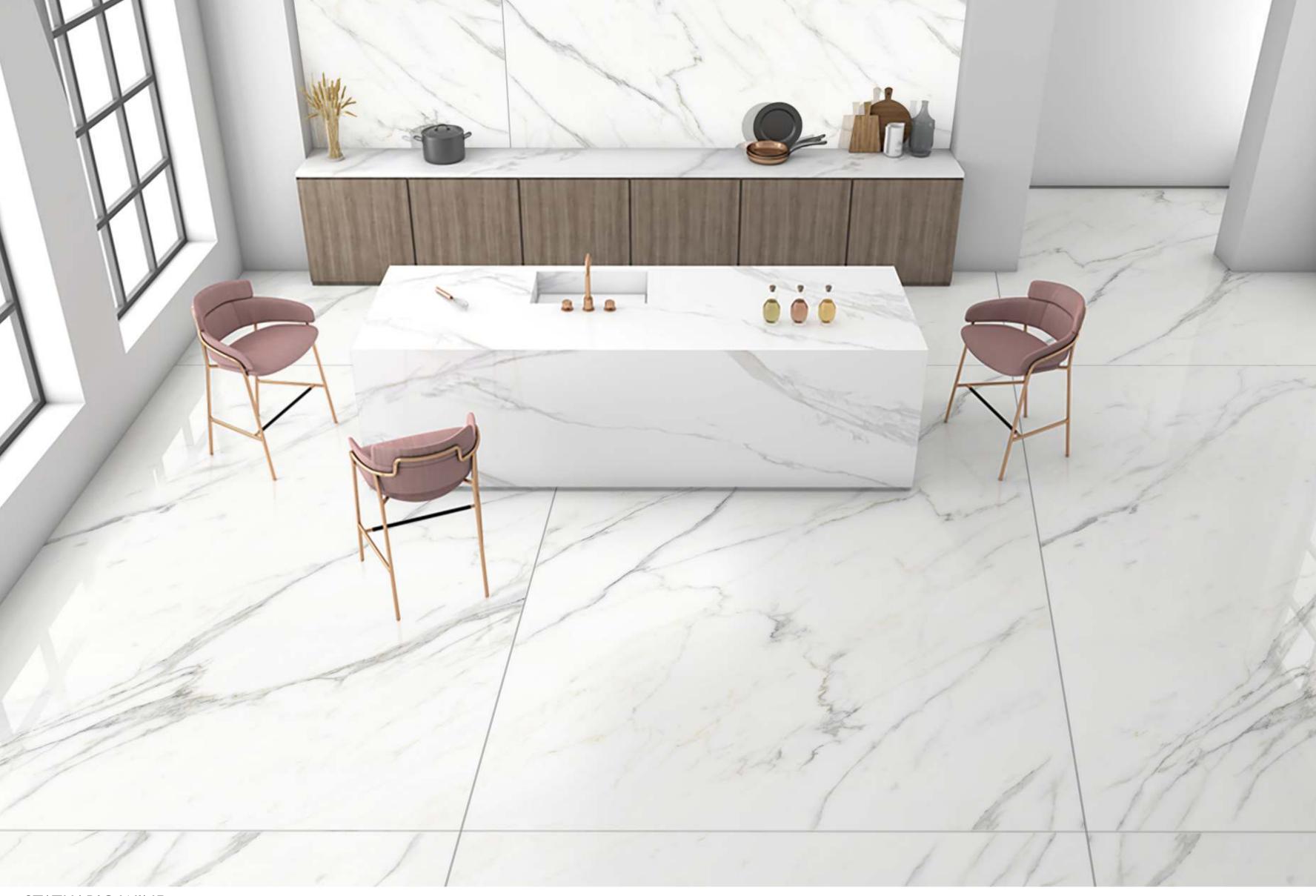




STATUARIO STAN

Finish





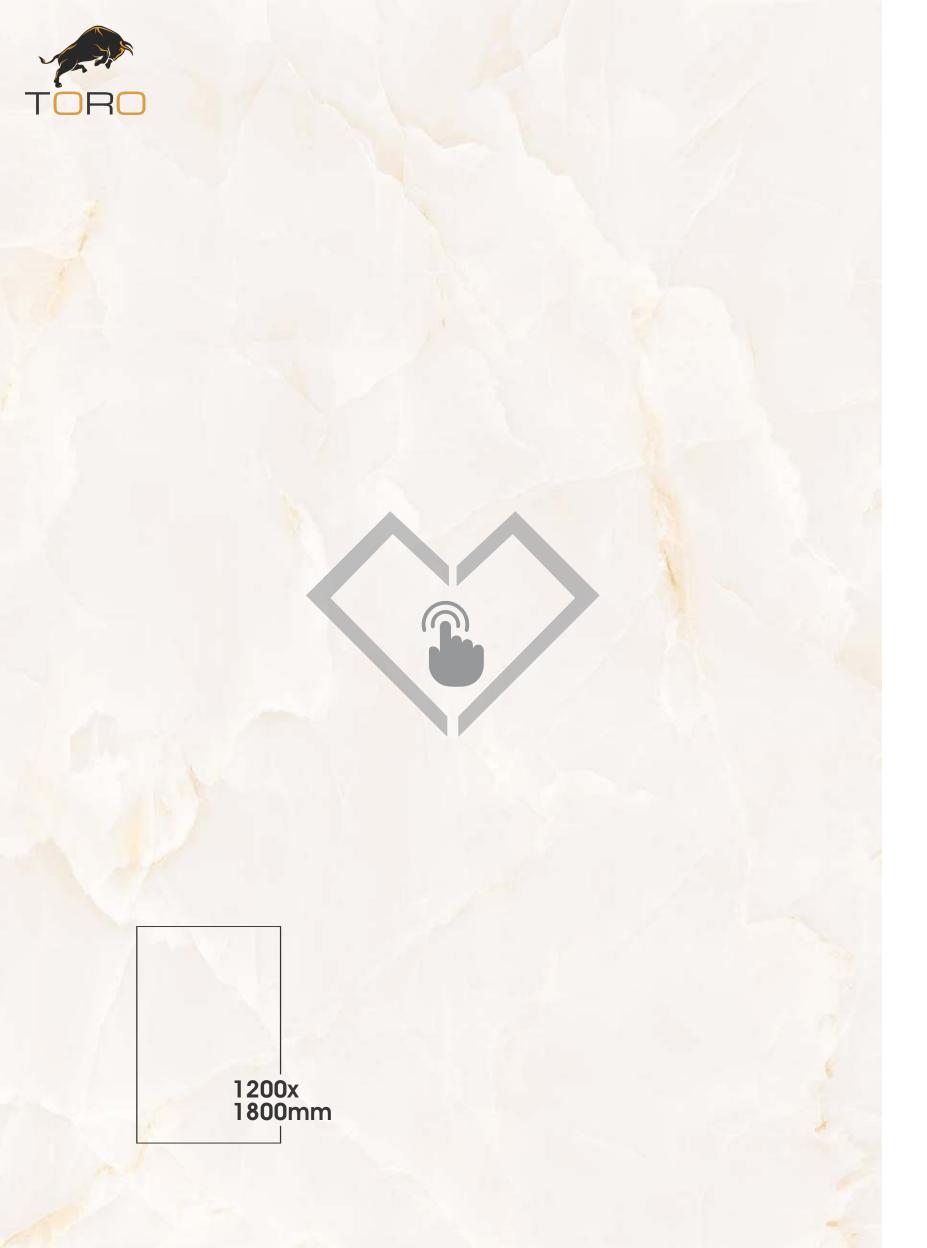


STATUARIO WIND

Finish







TECTIS CREMA

Finish

Polished



Random **03**





1200x 1800mm

TRAVERTINO BEJO

Finish

Polished







1200x 1800mm

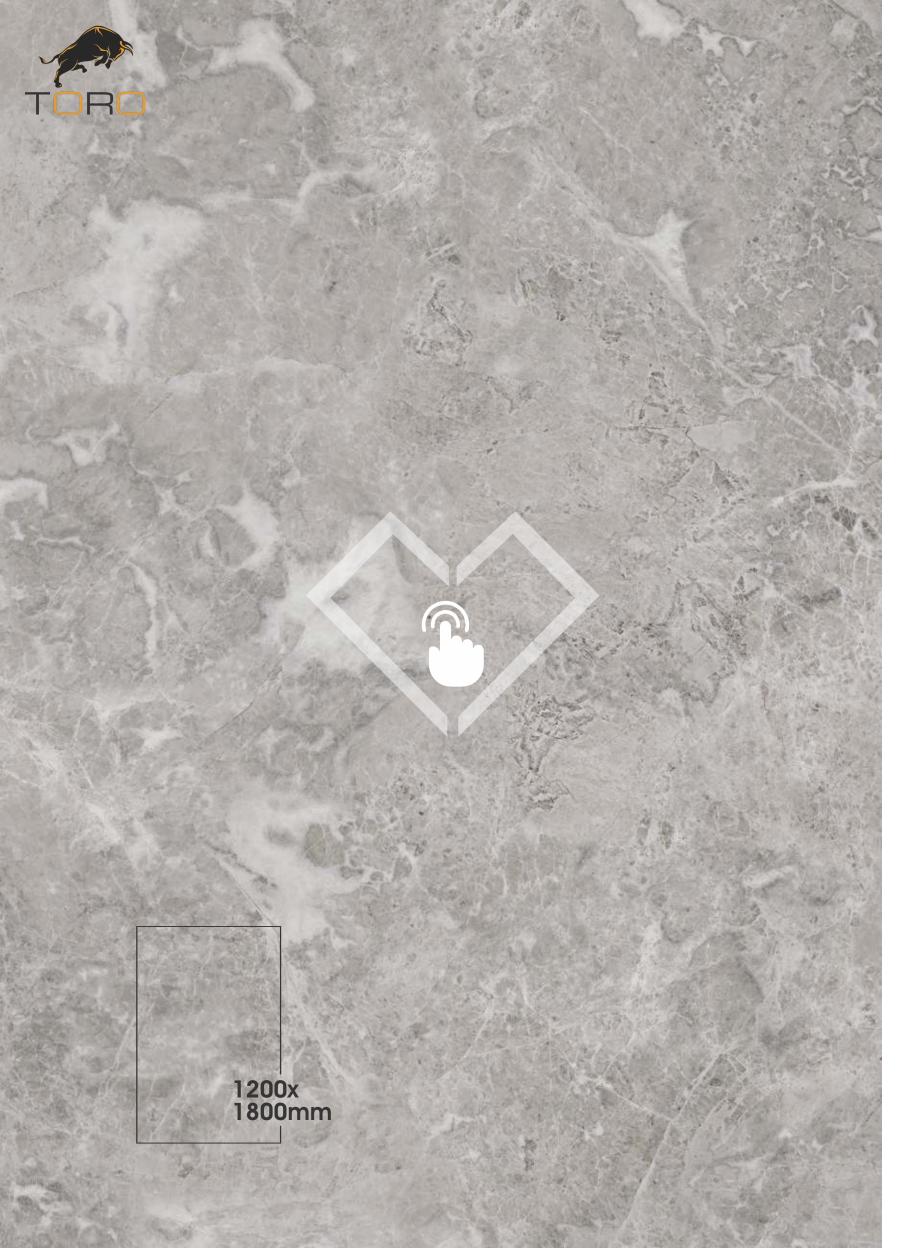
TRAVERTINO SILVERO

Finish

Polished



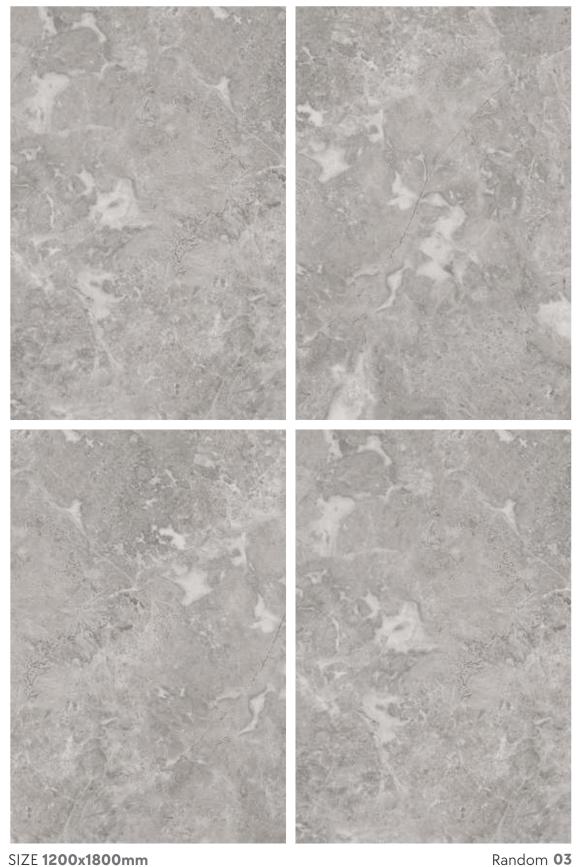




VELENTINO GREY

Finish

Polished



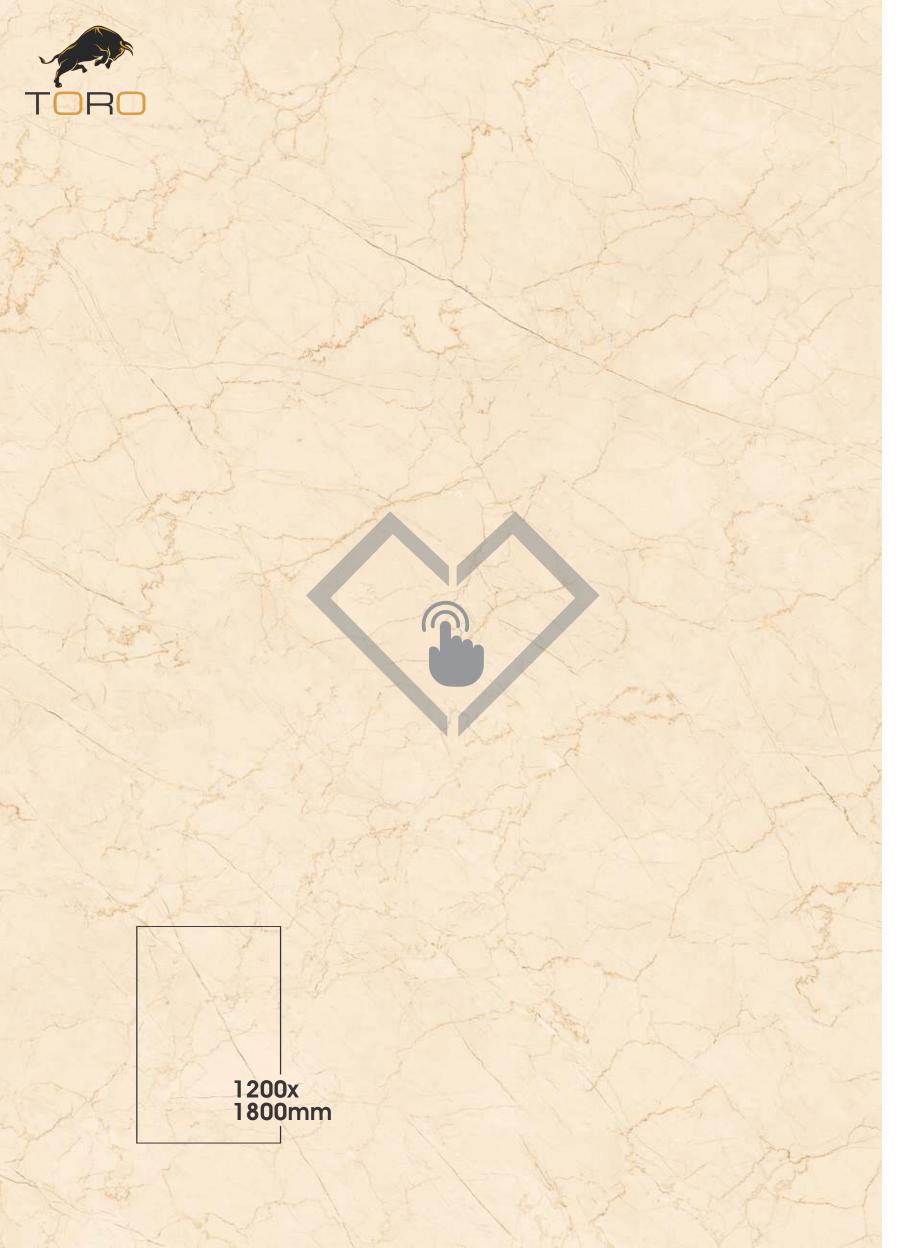
Random **03**



VENTURA CLOUD

Finish

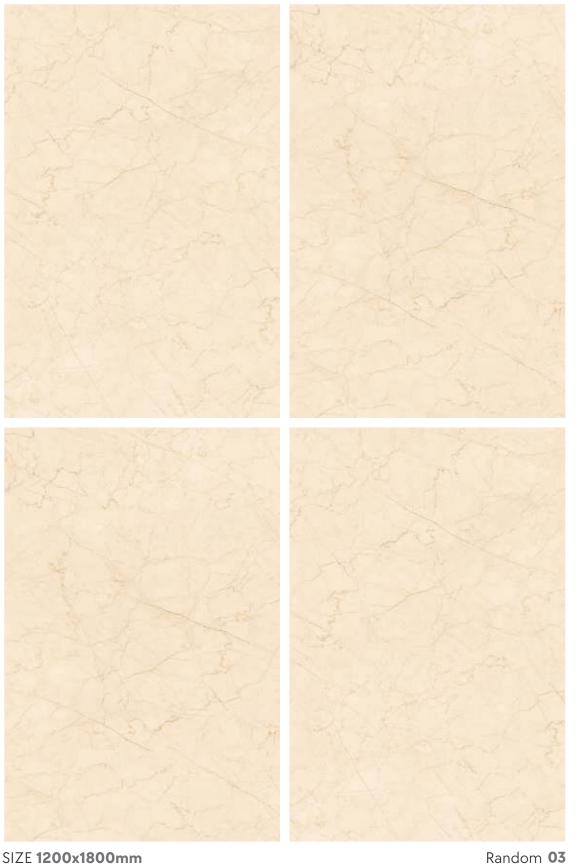




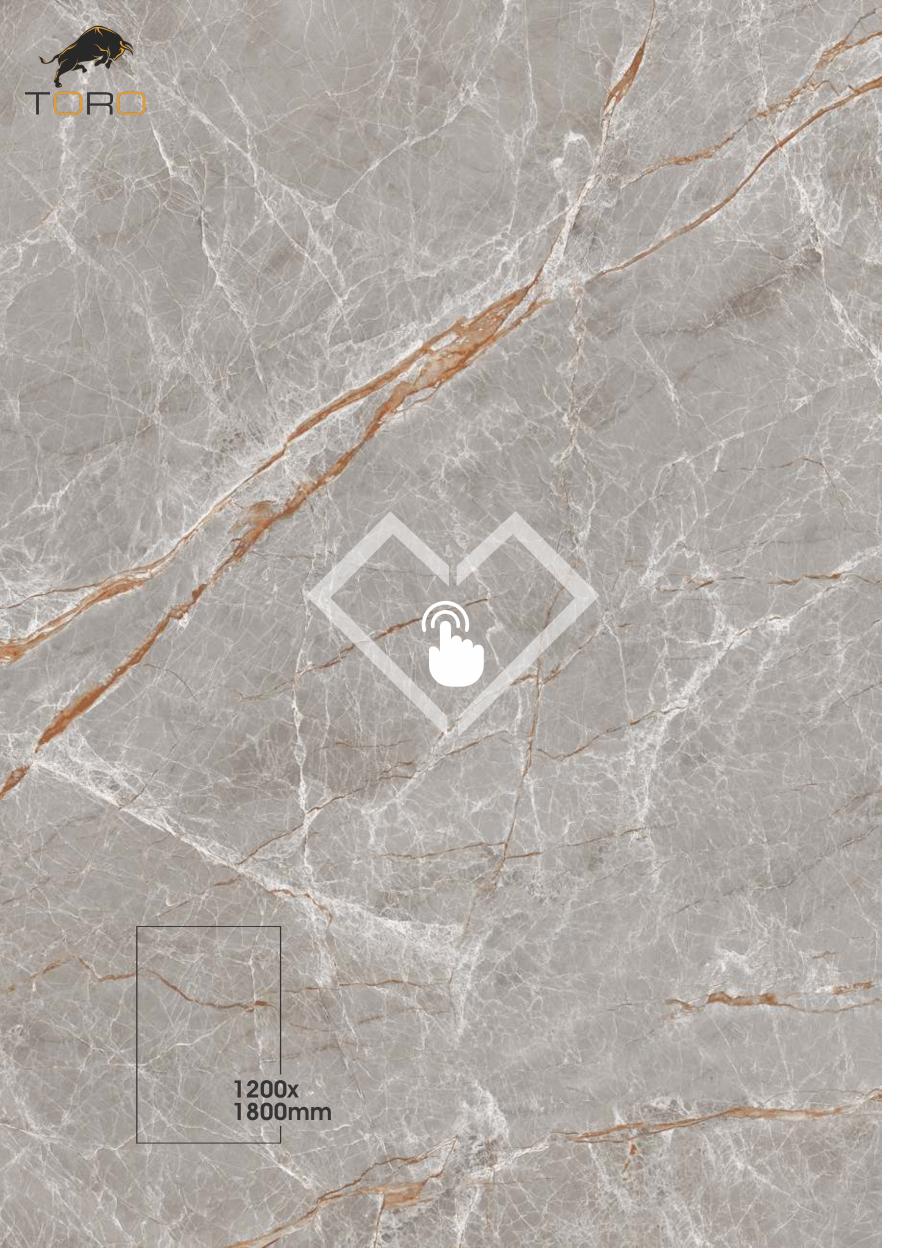
VERVE BEIGE

Finish

Polished

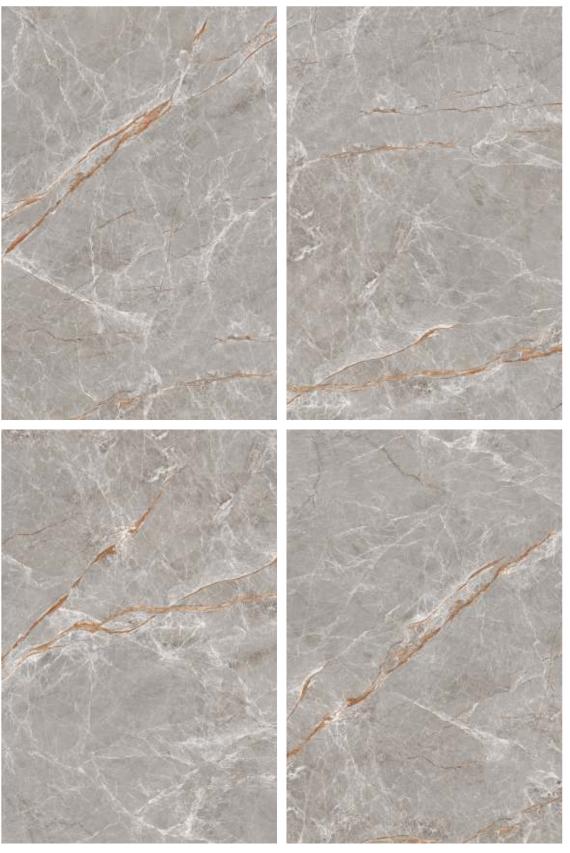


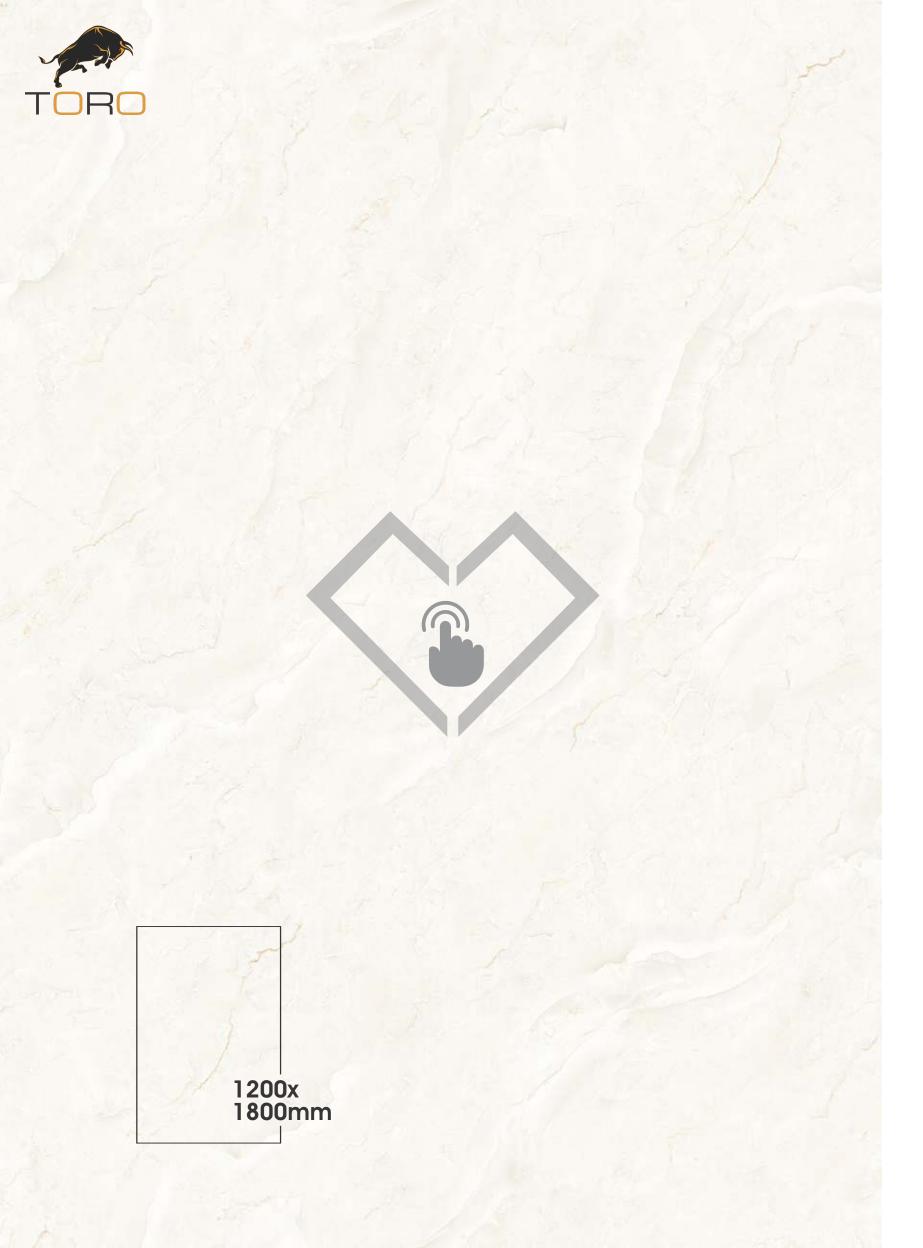
SIZE **1200x1800mm**



WALTER GREY

Finish Polished

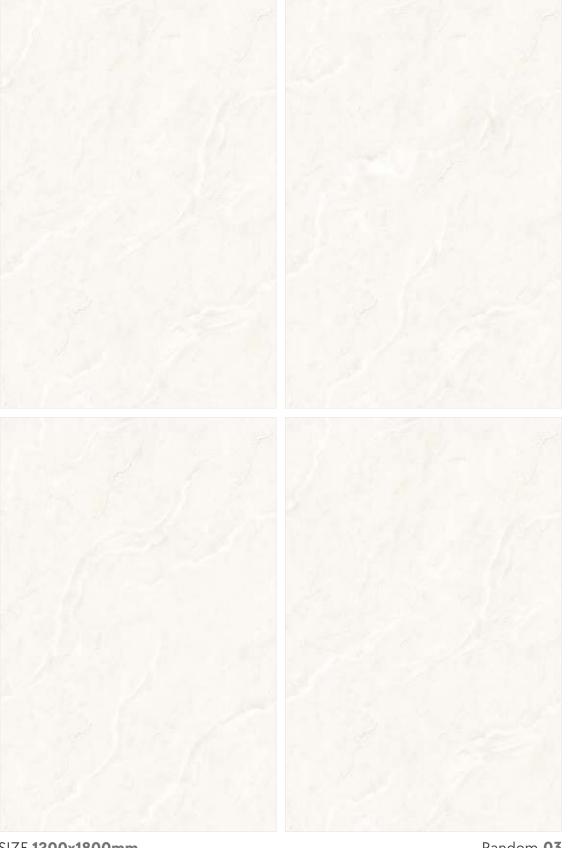


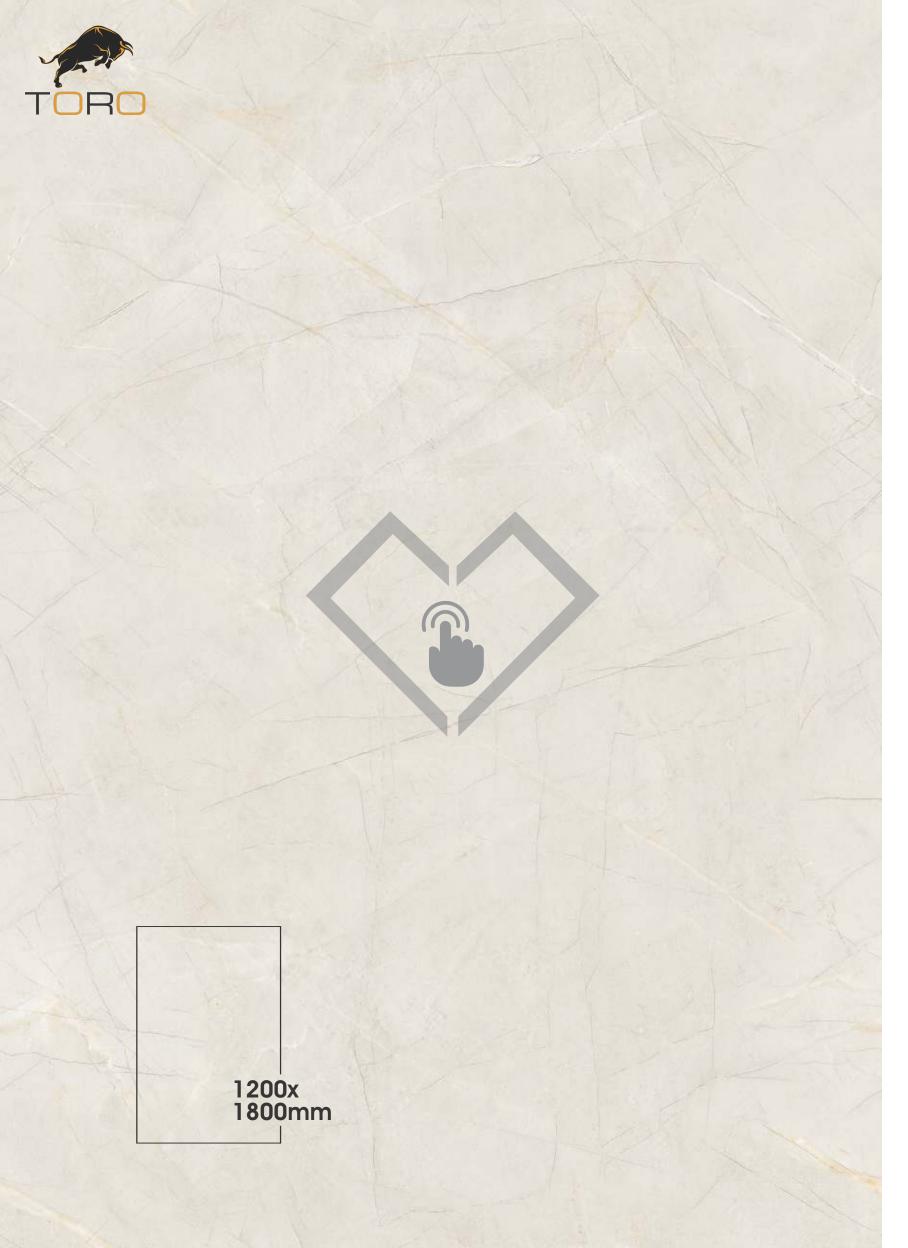


END MATCH ANGELO BIANCO

Finish

Polished - End Match



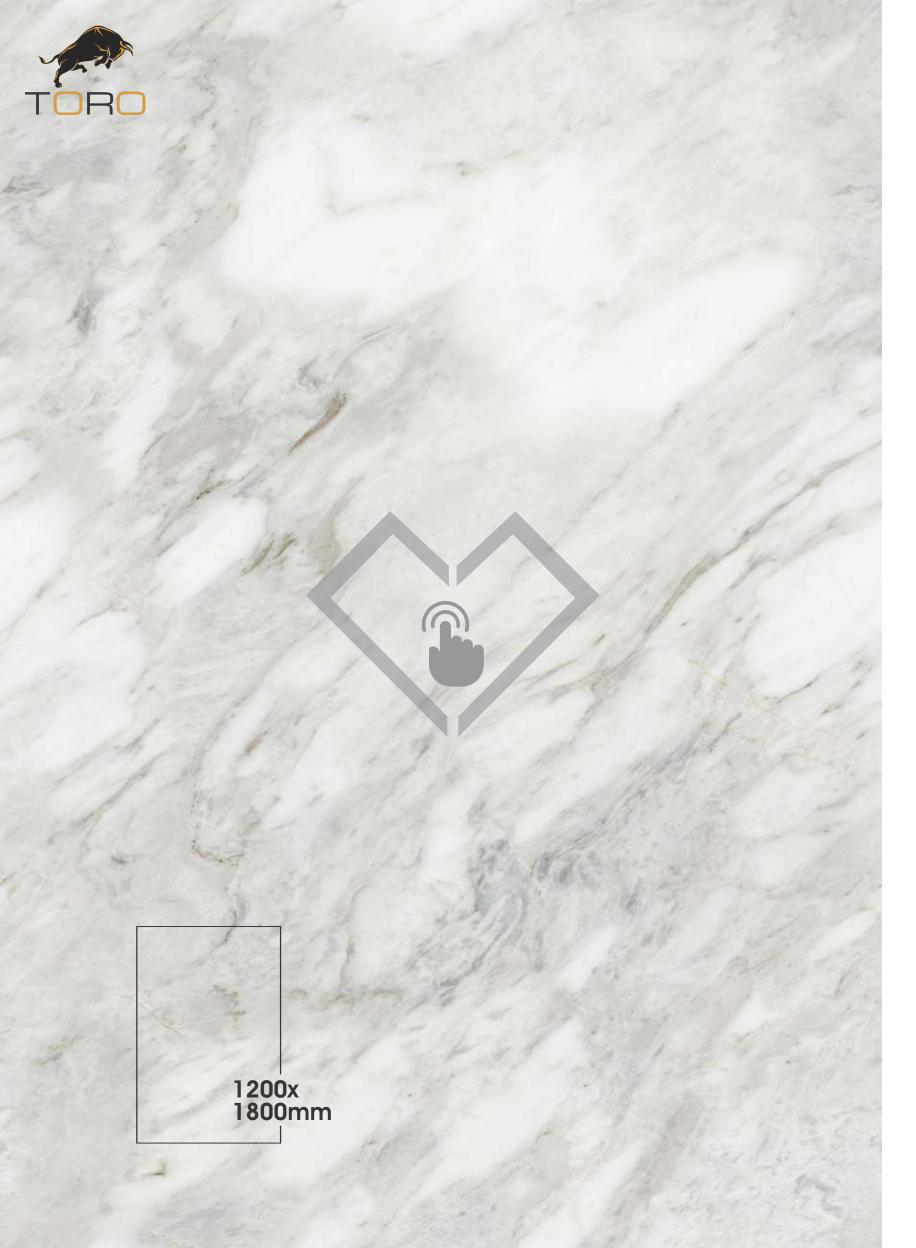


END MATCH ARMANI AROMA

Finish

Polished - End Match





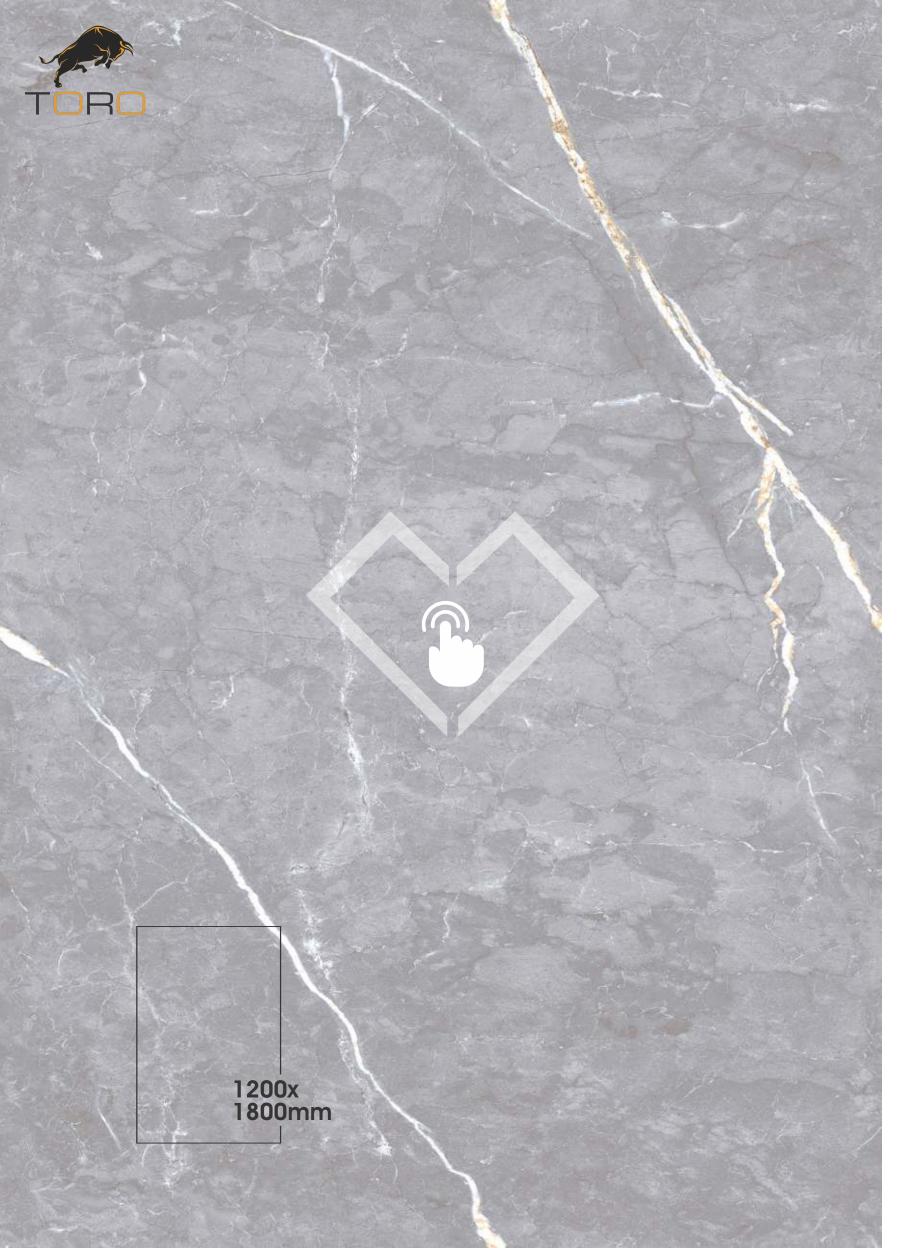
END MATCH CARRARA COVITA

Finish

Polished - End Match





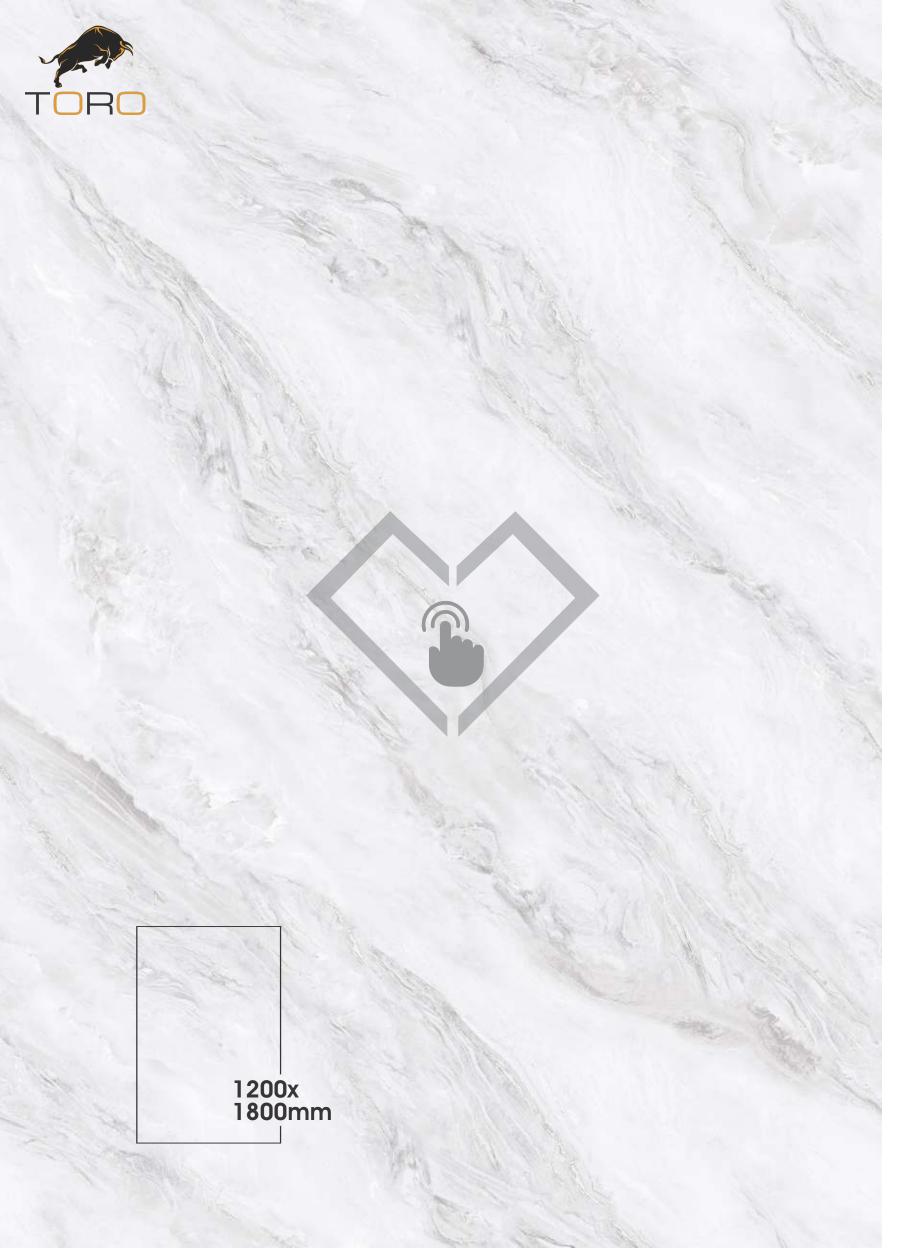


END MATCH CONVEY GREY

Finish

Polished - End Match



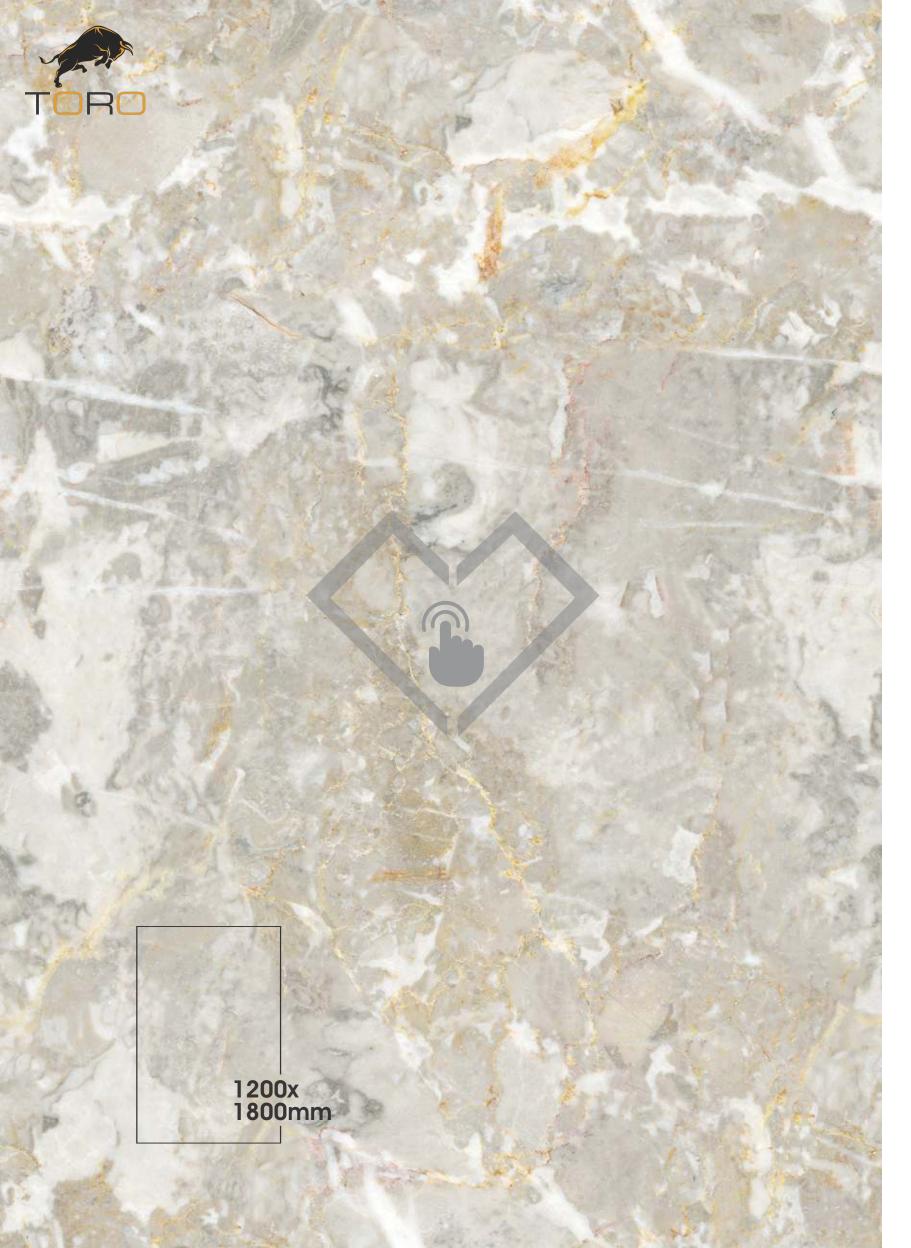


END MATCH CORSICA LIGHT

Finish

Polished - End Match

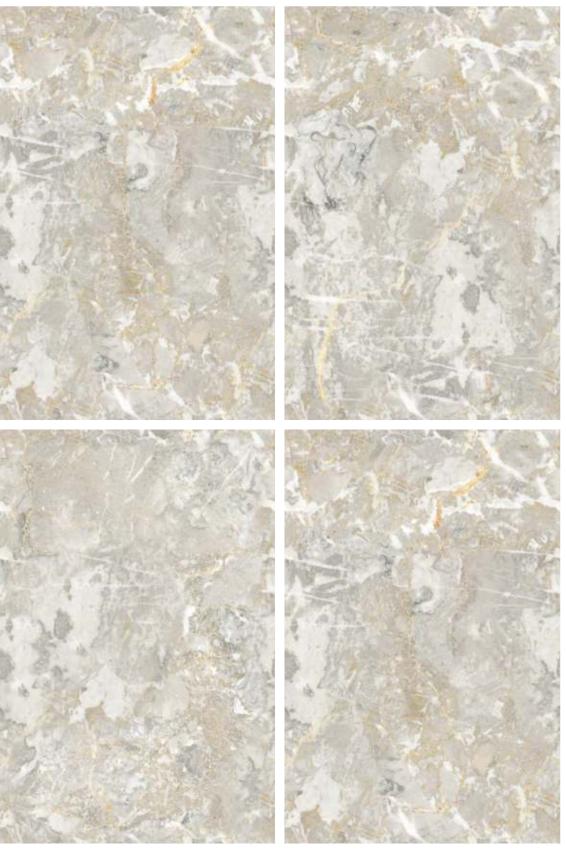


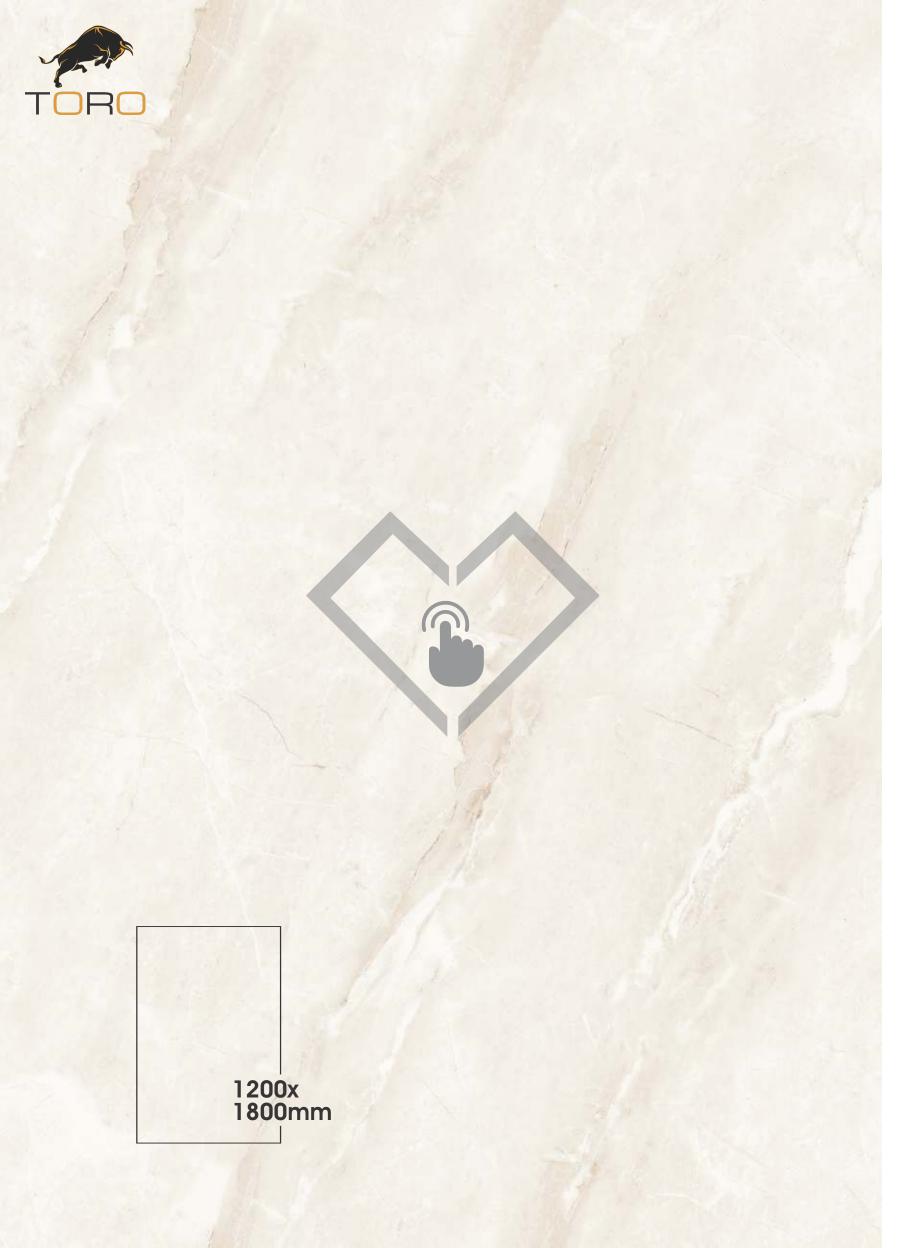


END MATCH DARLA NATURAL

Finish

Polished - End Match





END MATCH DIEGO LIGHT

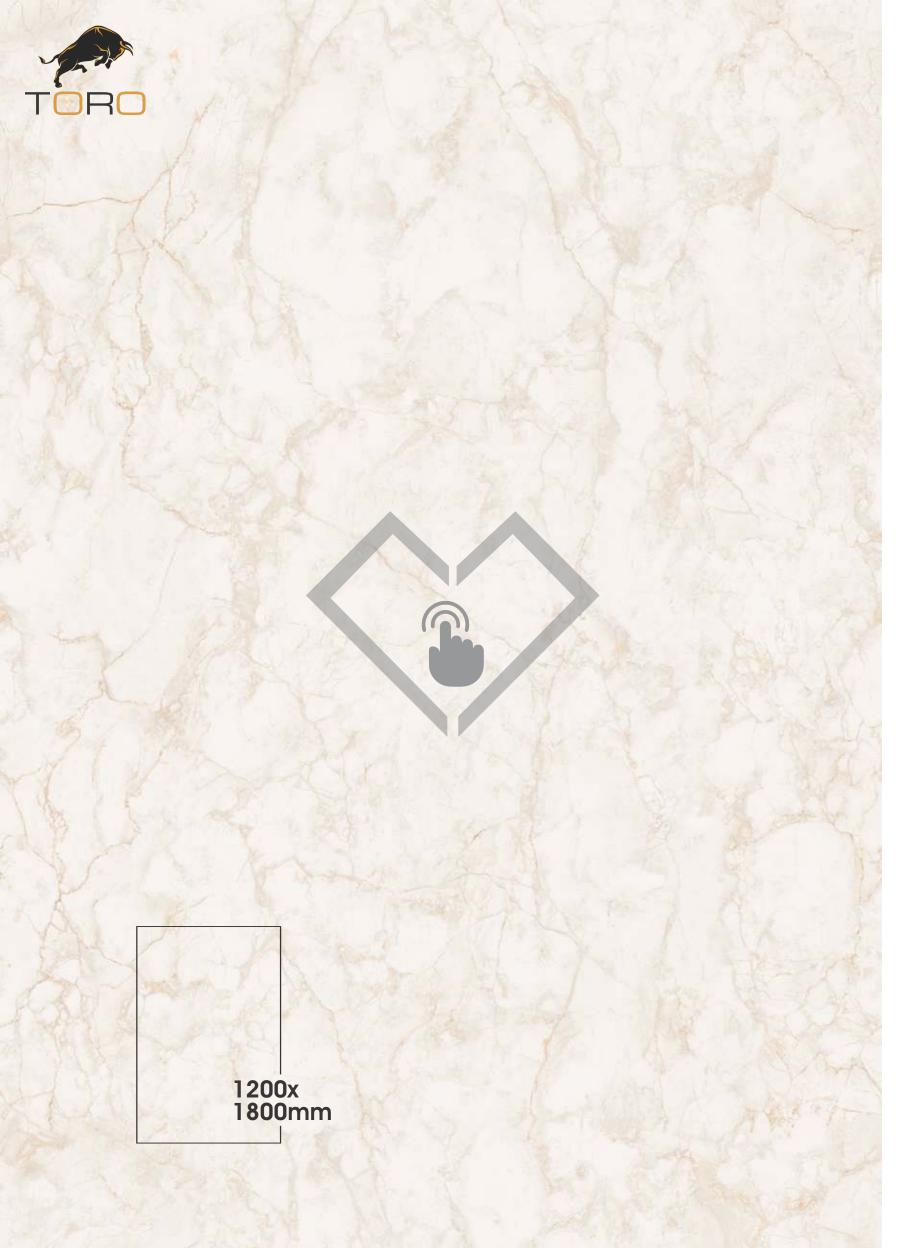
Finish

Polished - End Match



Random **03** SIZE **1200x1800mm**



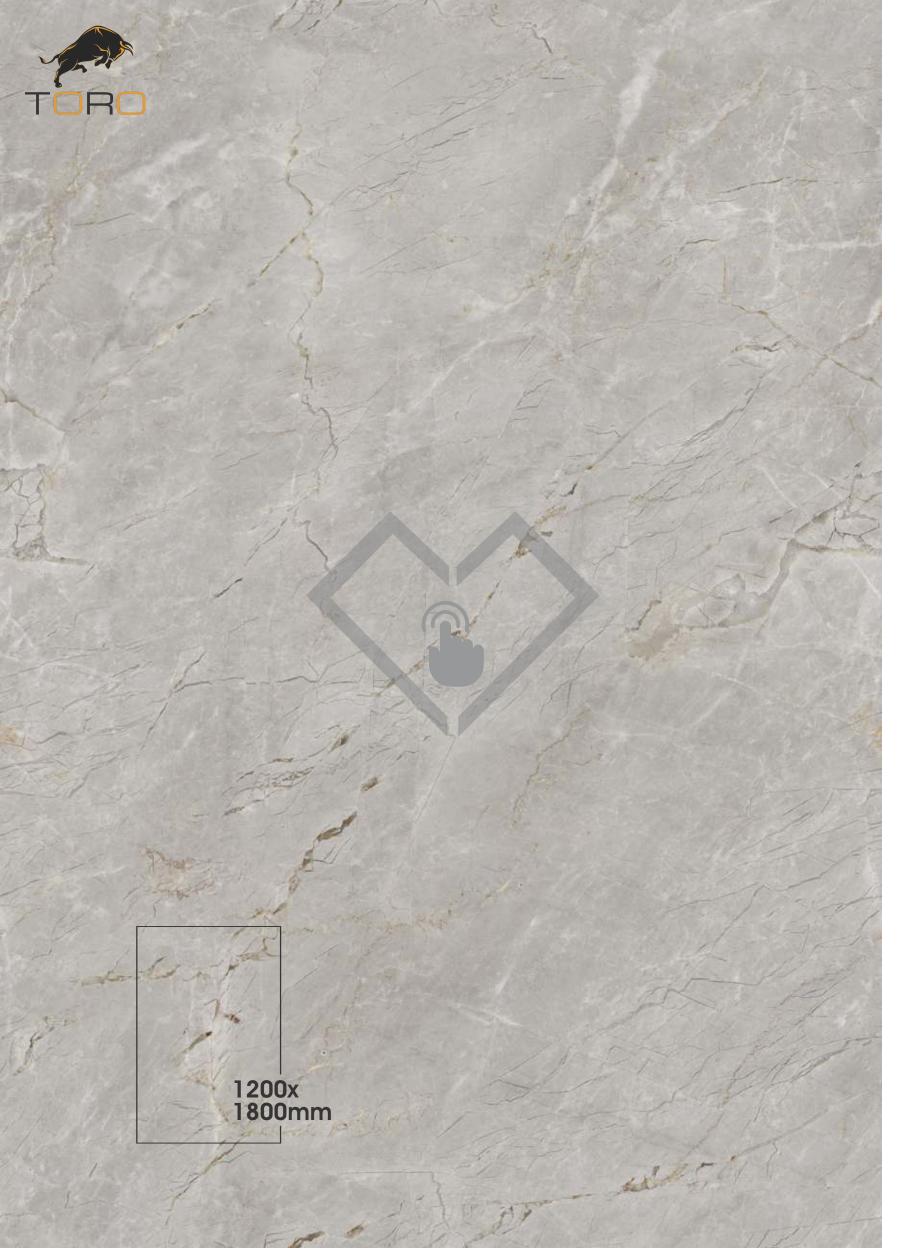


END MATCH GOTHIC

Finish

Polished - End Match





END MATCH HORDIX GREY

Finish

Polished - End Match



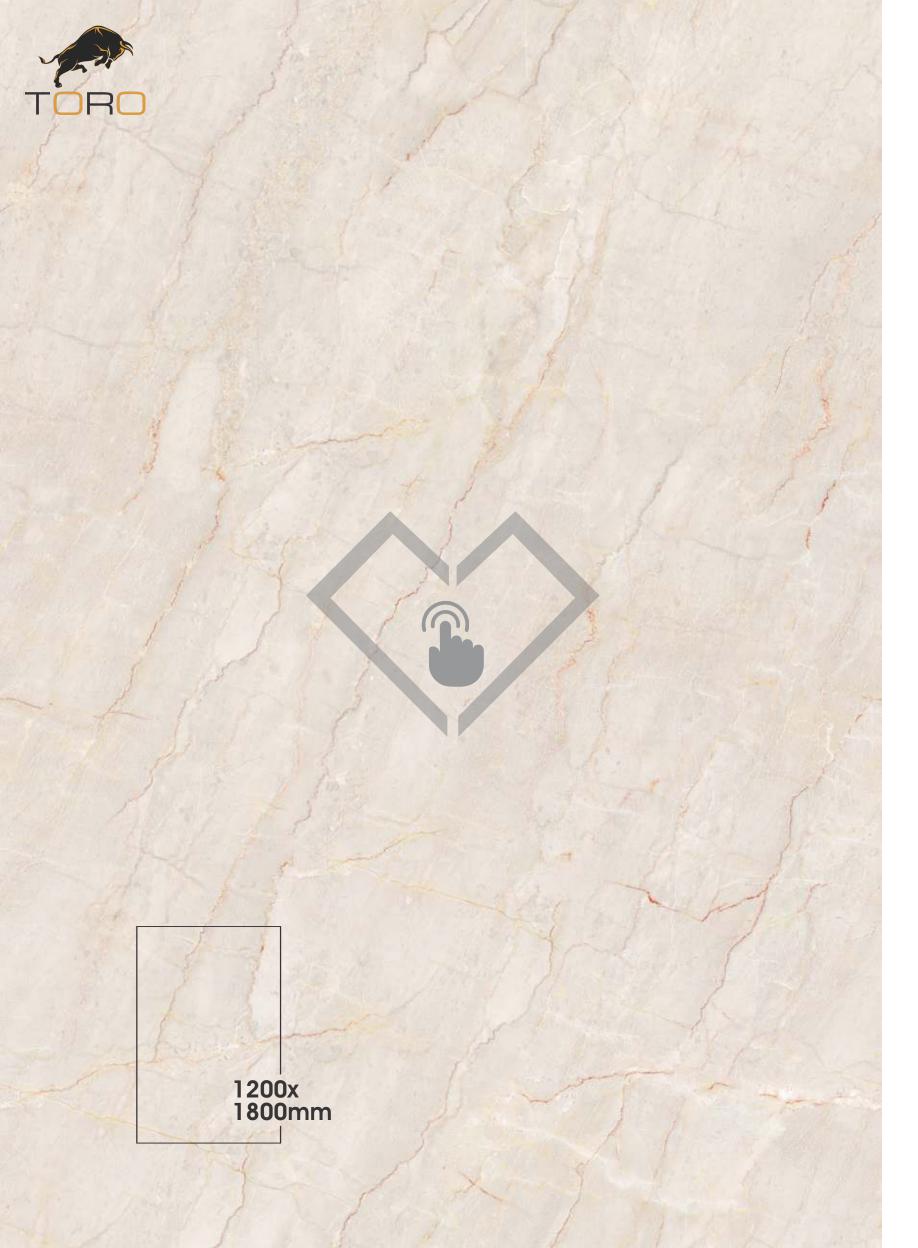


END MATCH LAVEZZI BROWN

Finish

Polished - End Match



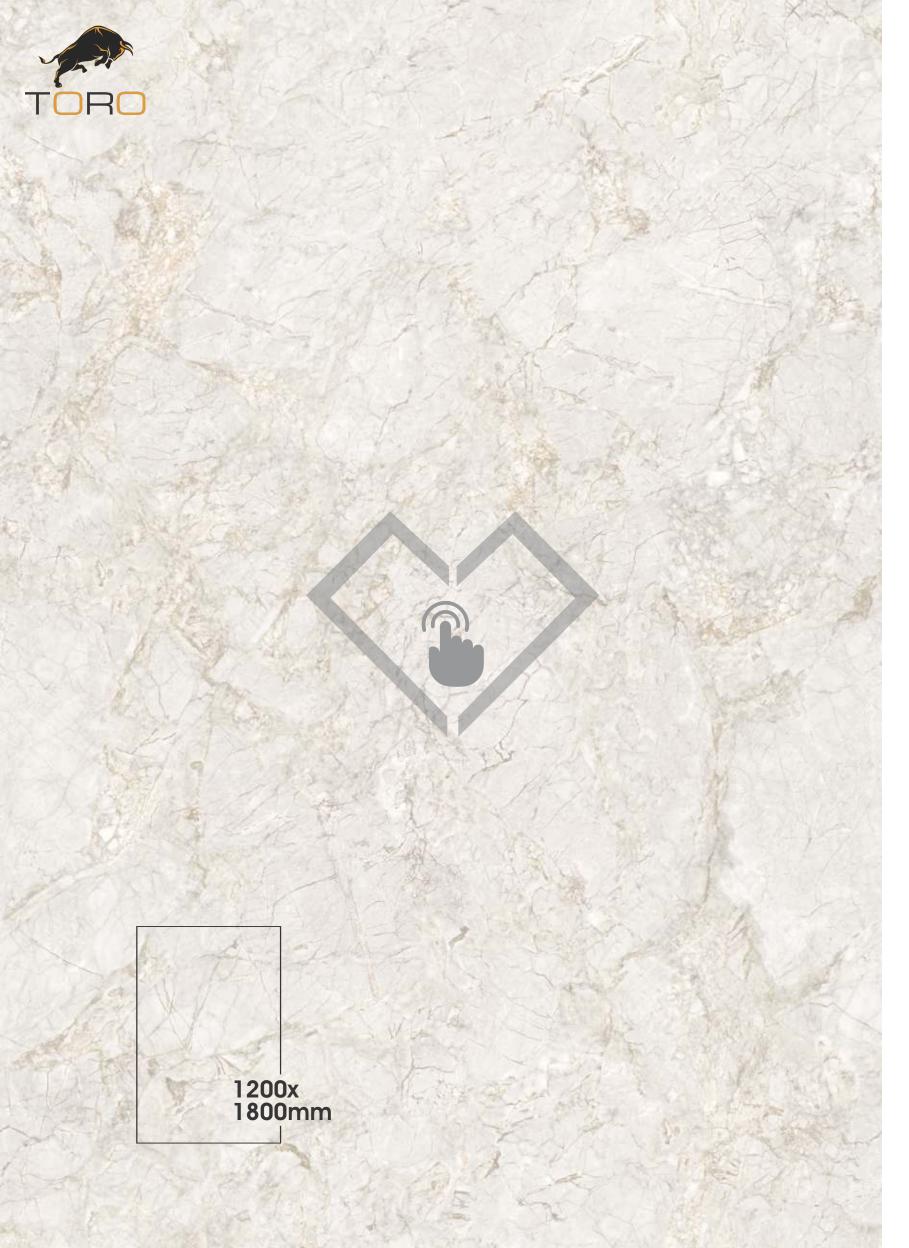


END MATCH LAVEZZI CREMA

Finish

Polished - End Match





END MATCH LIBERO NATURAL

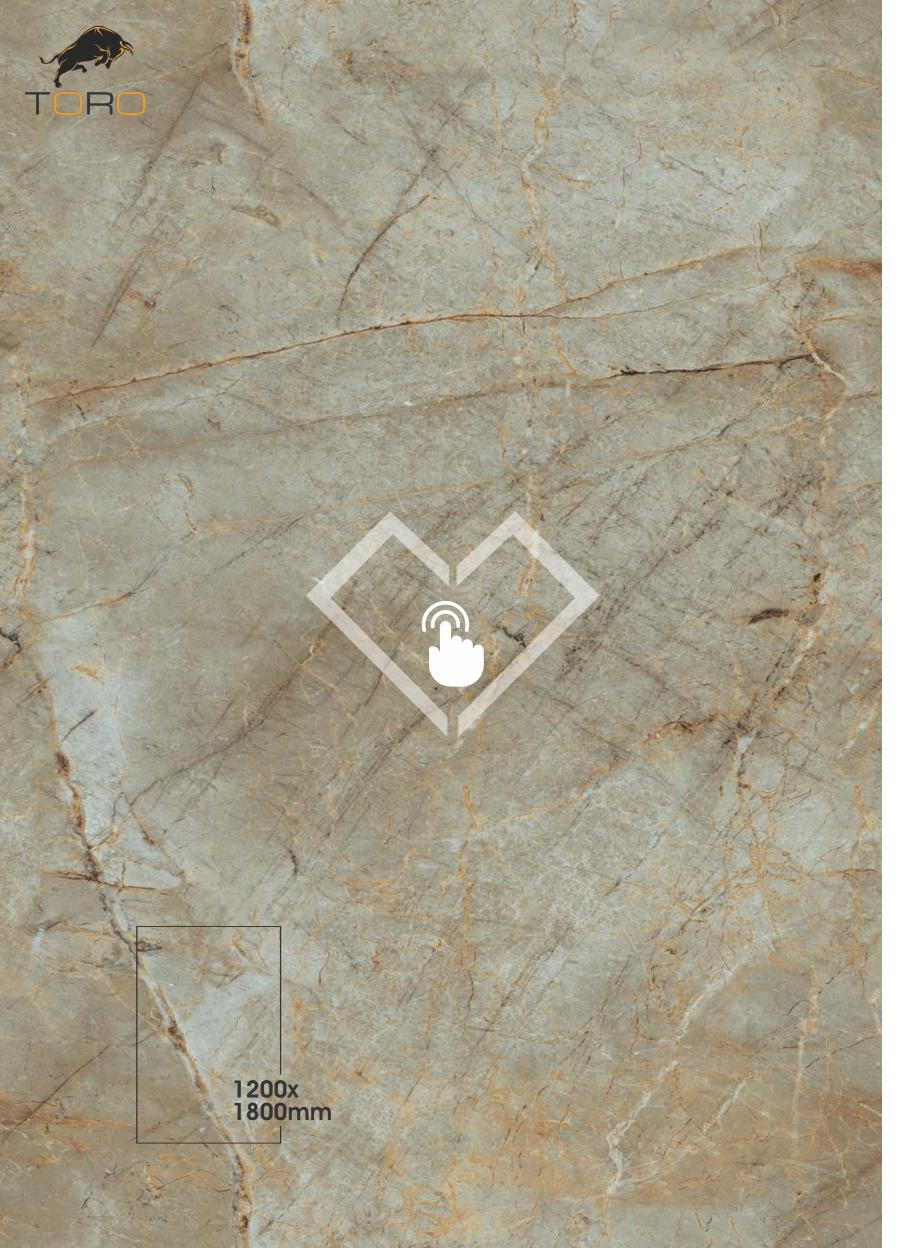
Finish

Polished - End Match





END MATCH NORDIC BROWN

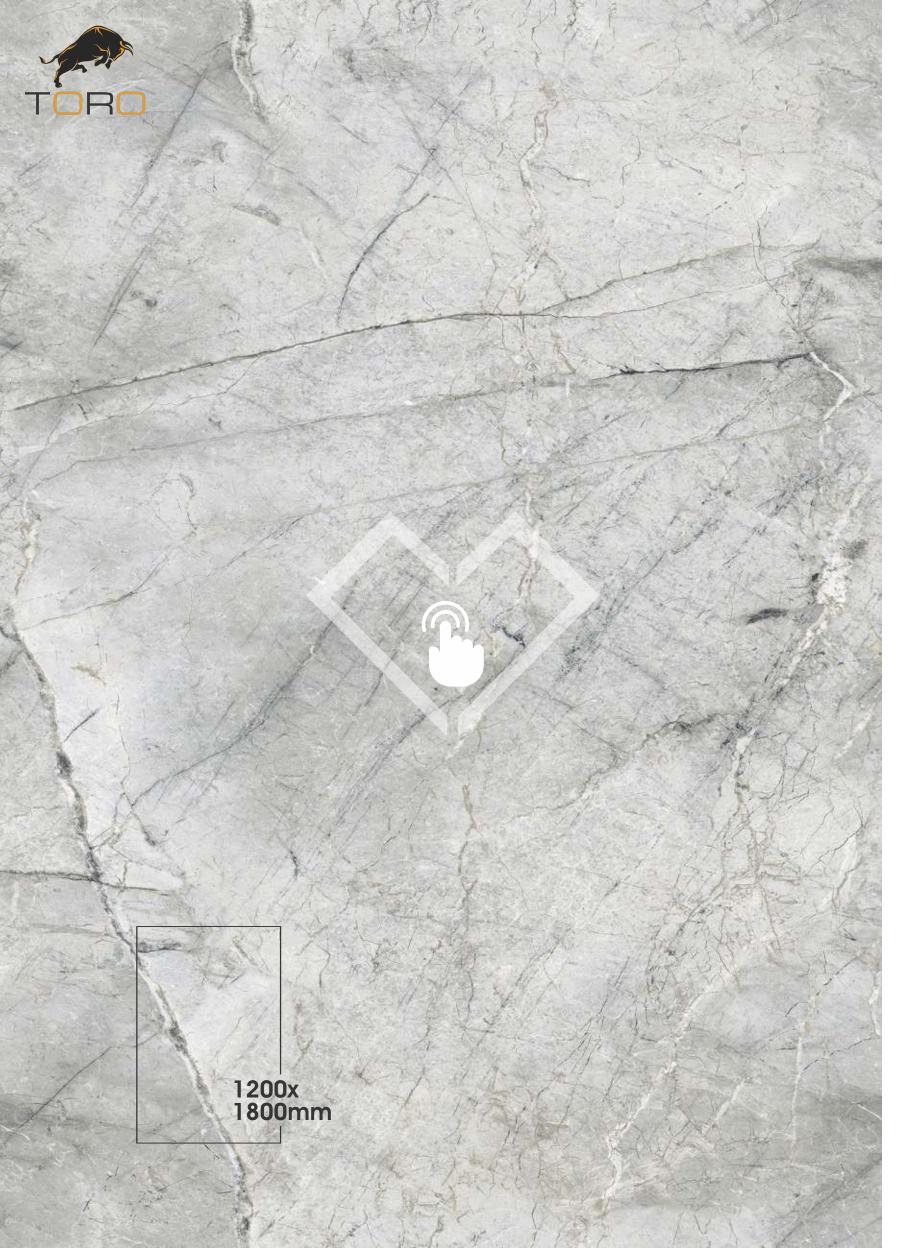


END MATCH NORDIC BROWN

Finish

Polished - End Match

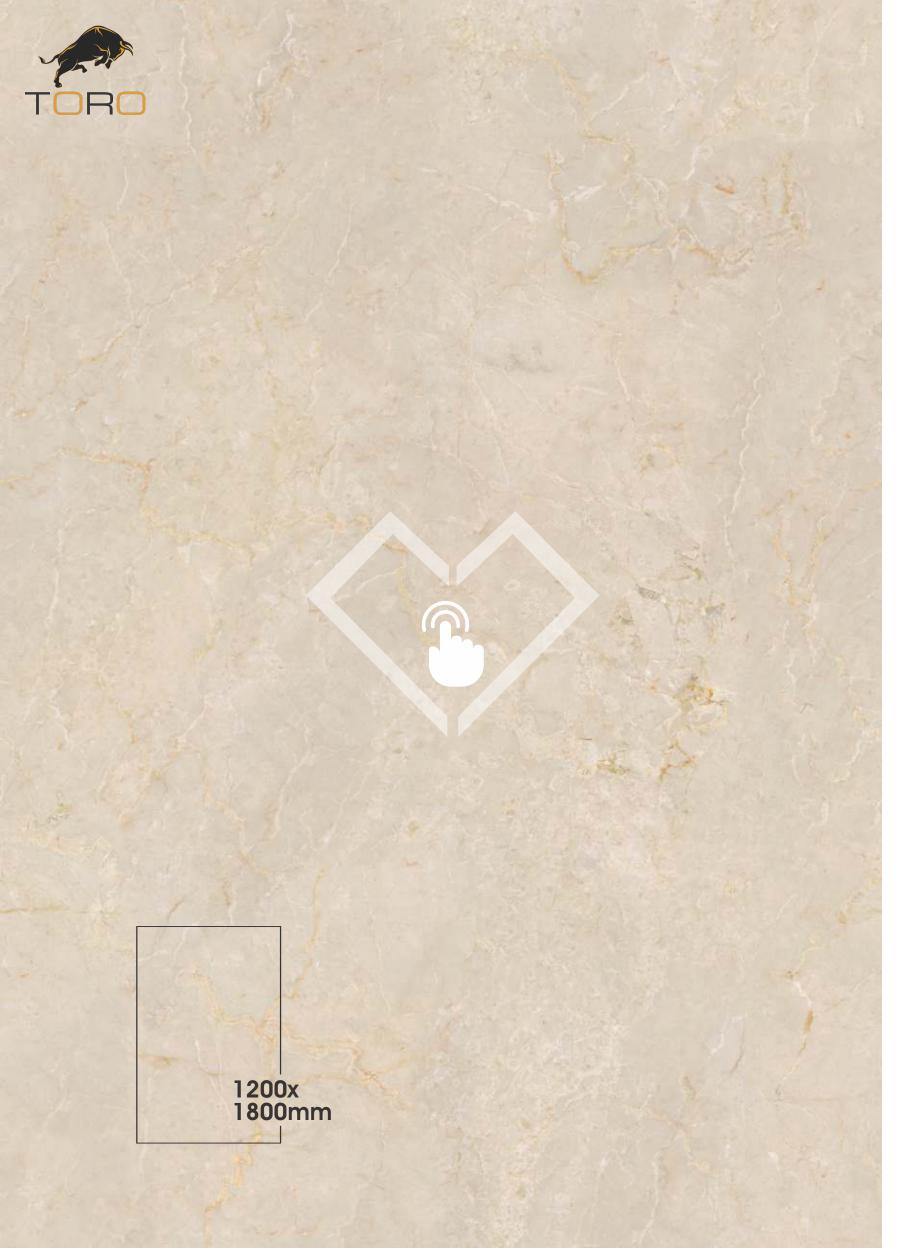




END MATCH NORDIC GREY

Finish Polished - End Match





END MATCH PRESINO CREMA

Finish

Polished



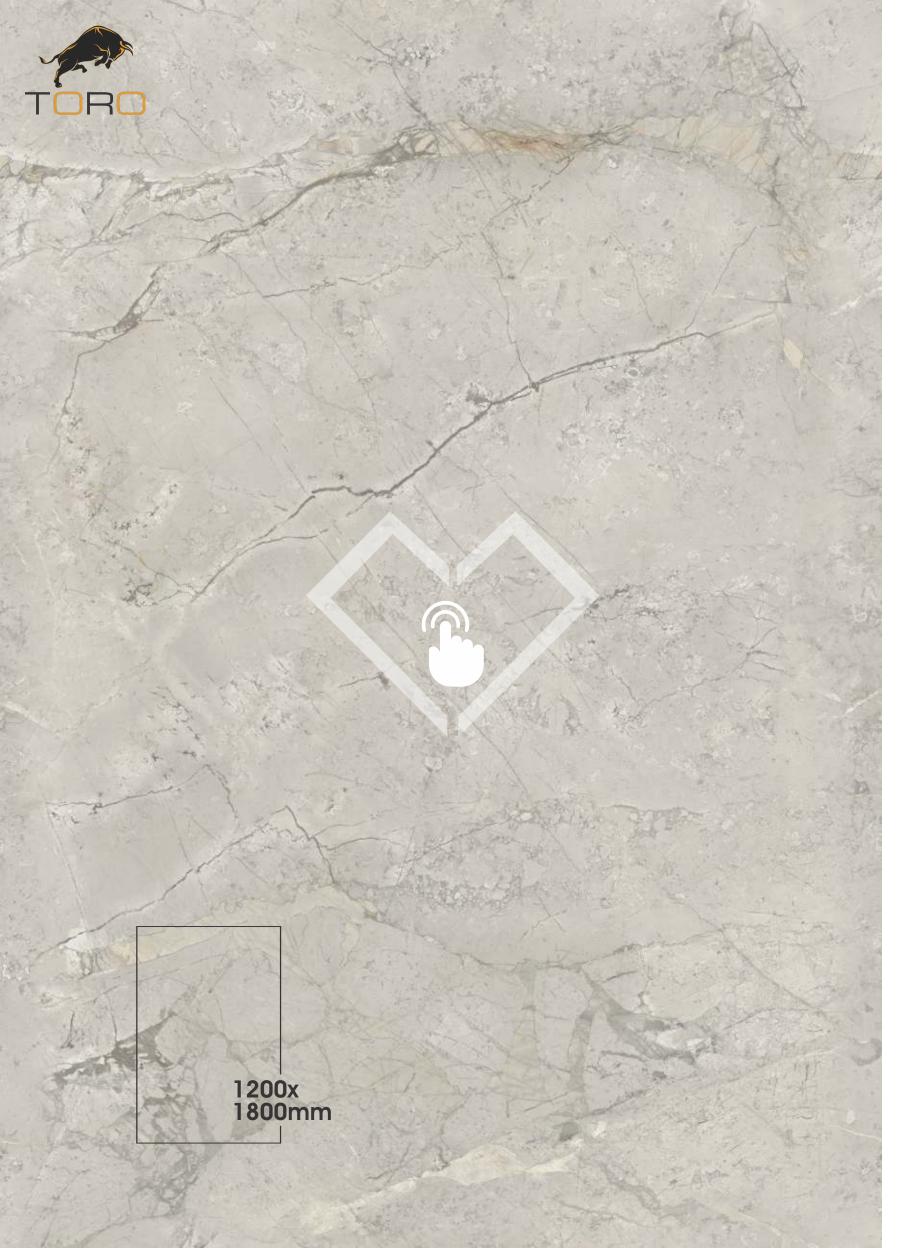
Random **03**



END MATCH SIDRA BEIGE

Finish
Polished

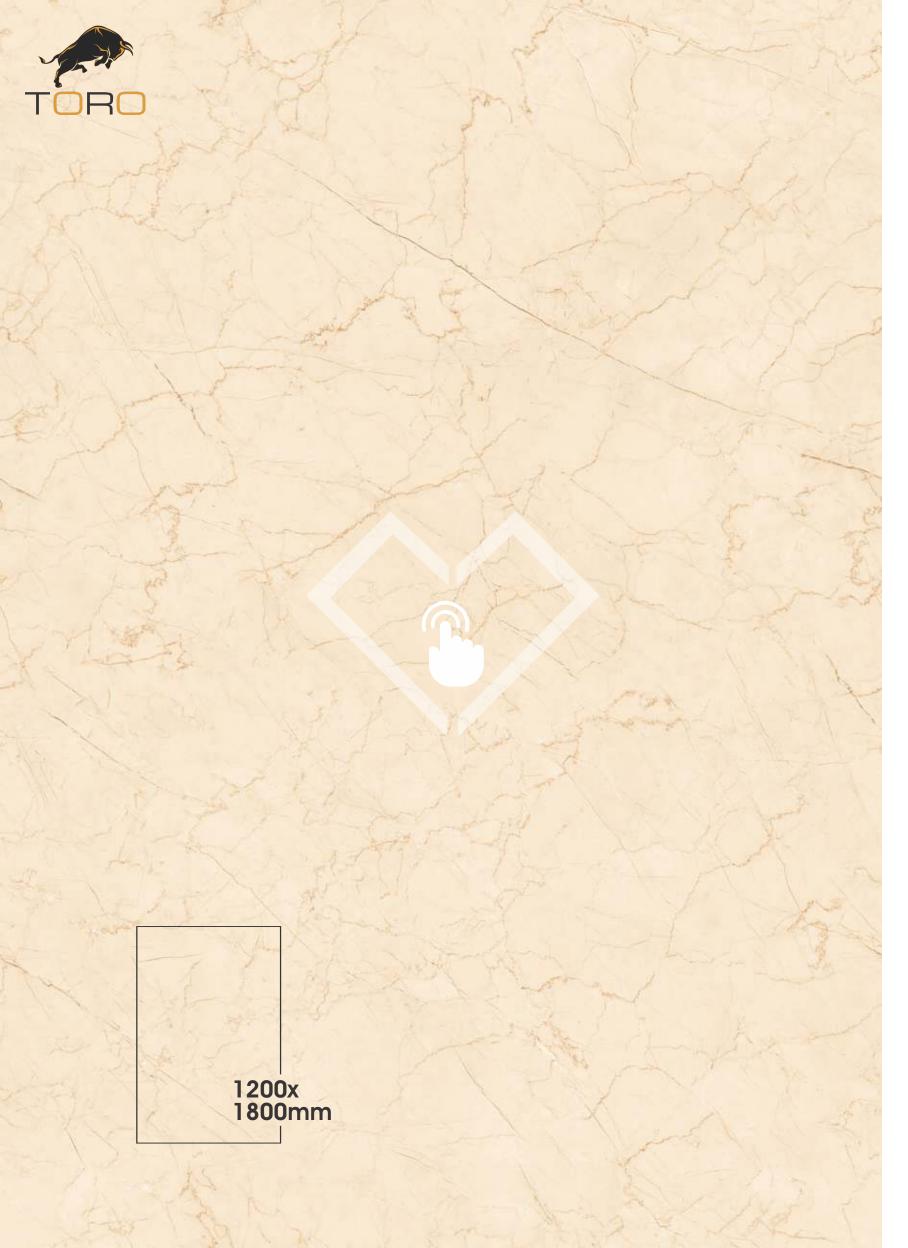




END MATCH SIDRA GREY

Finish Polished

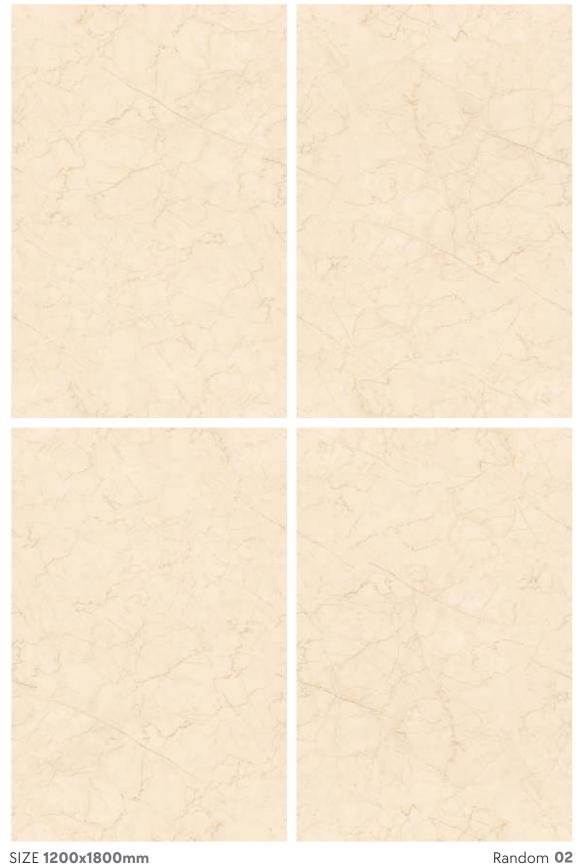




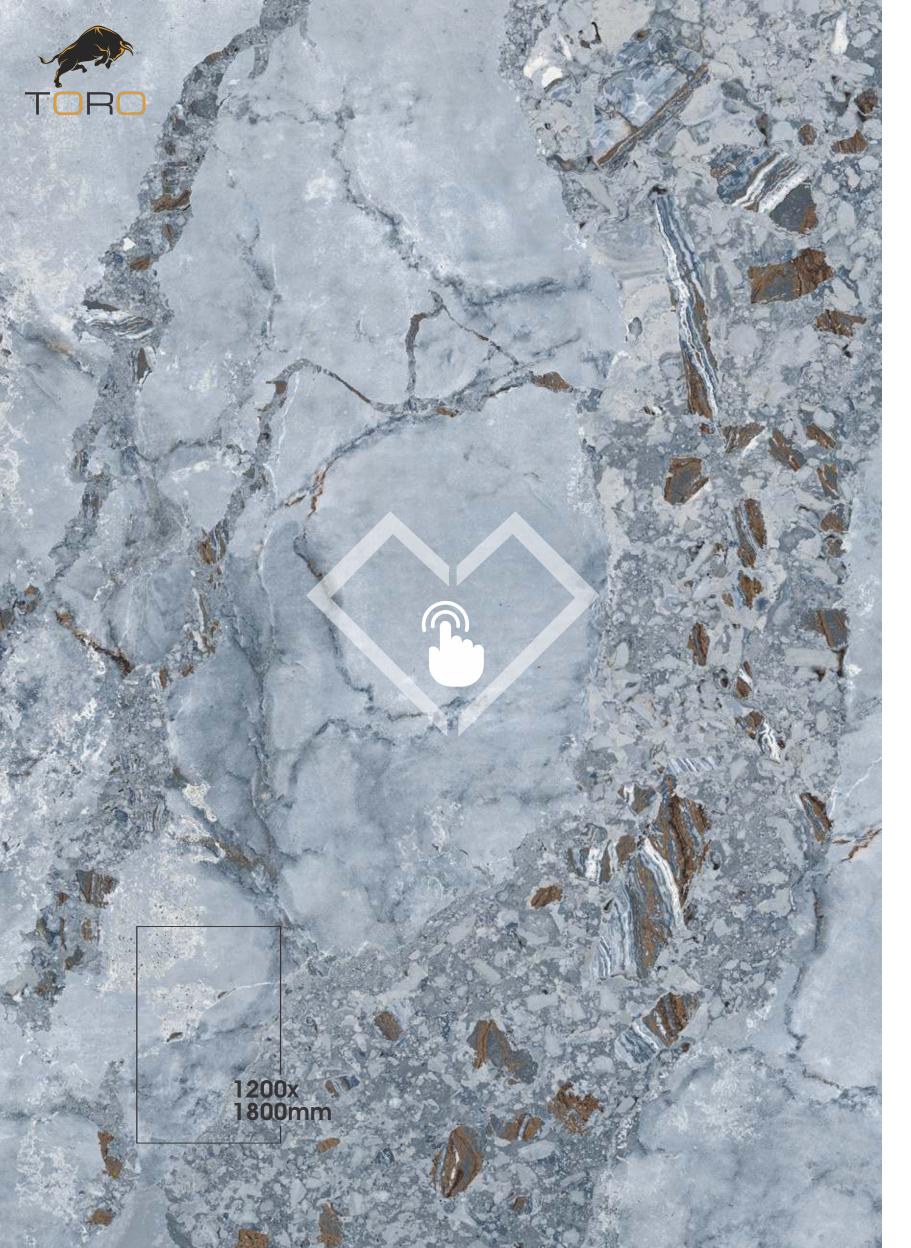
END MATCH VERVE BEIGE

Finish

Polished



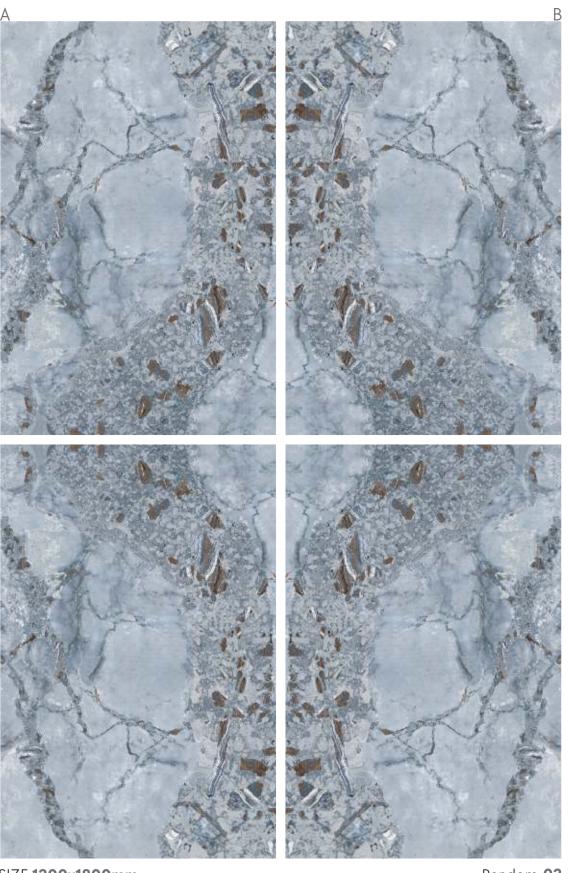
Random **02**

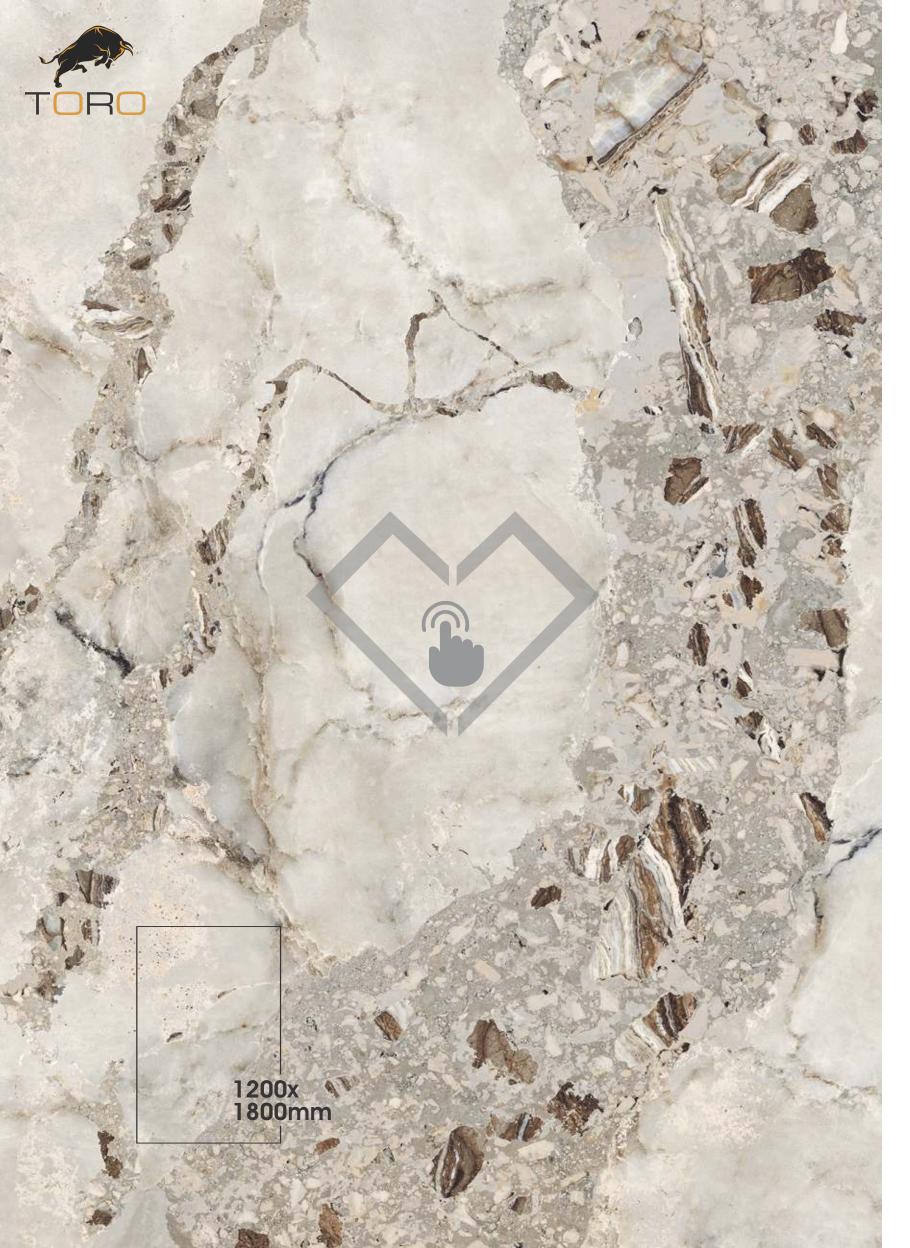


CHIPSTONE BLUE BOOK MATCH - A+B

Finish

Polished - Book Match A+B



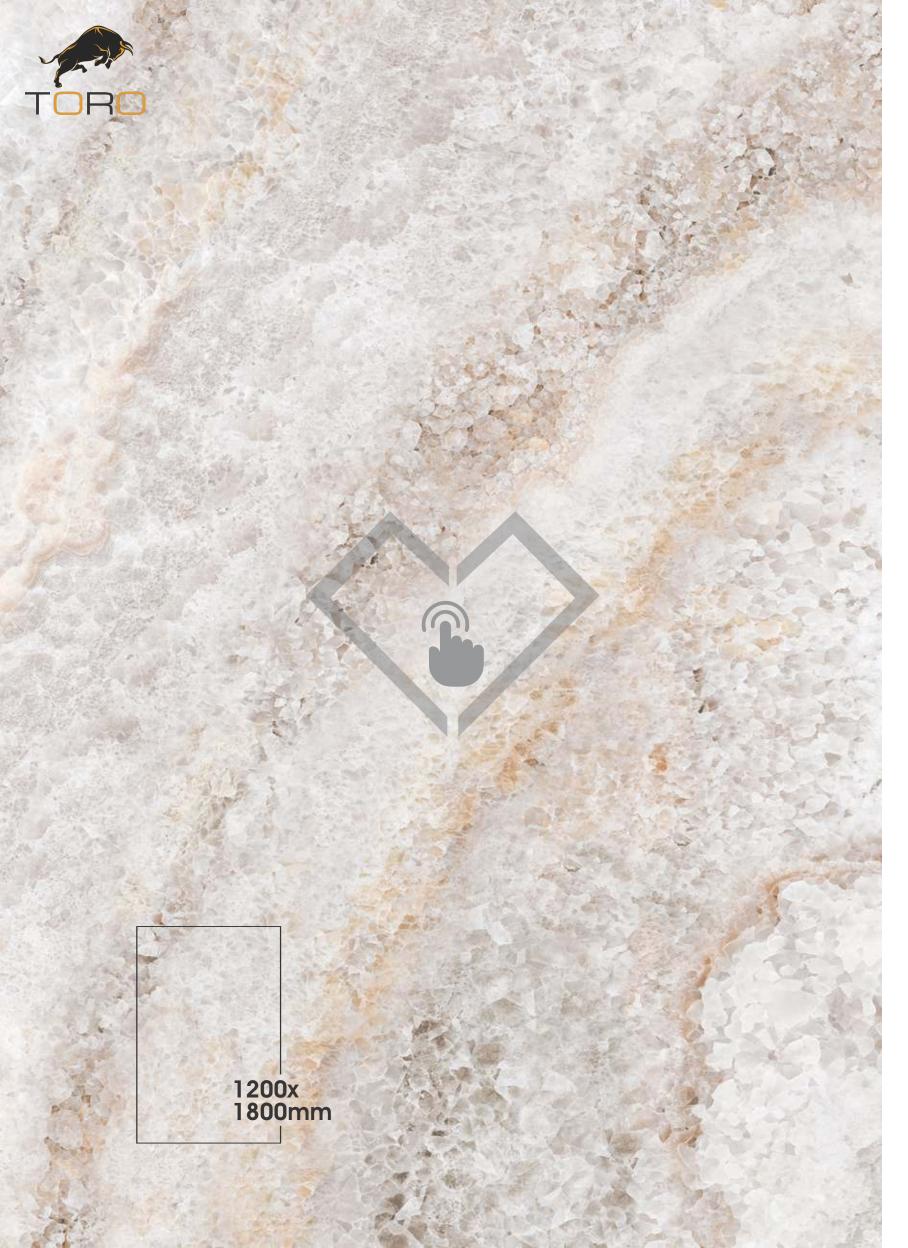


CHIPSTONE CREMA BOOK MATCH - A+B

Finish

Polished - Book Match A+B

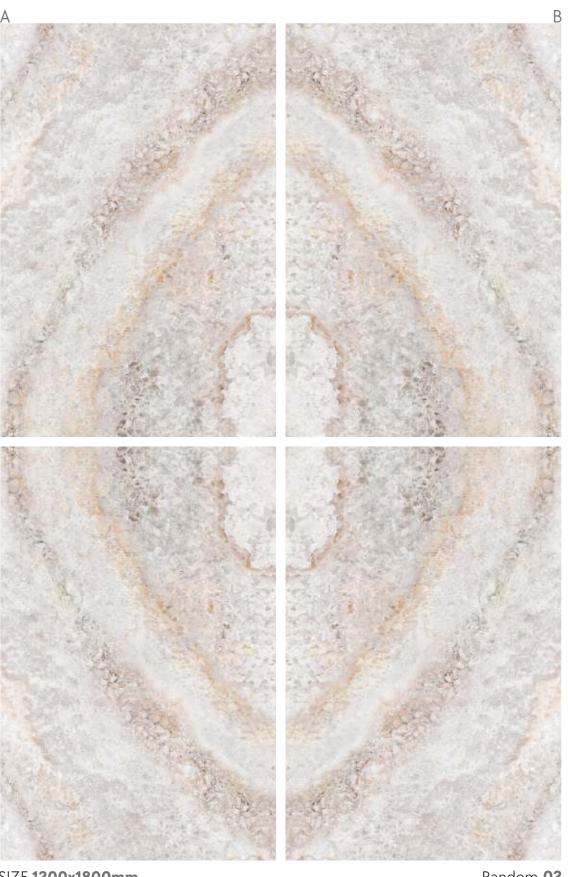




JADETRON NATURAL BOOK MATCH - A+B

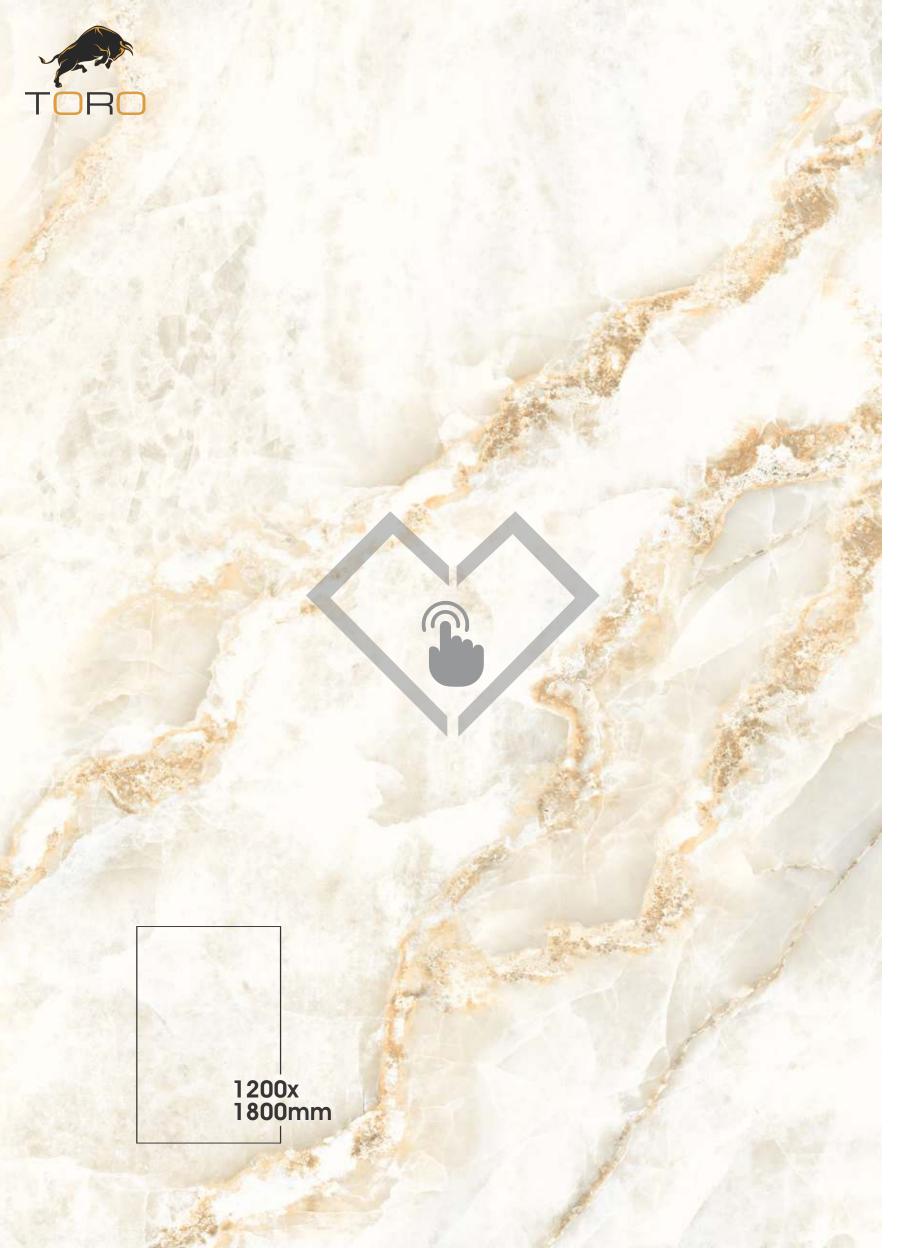
Finish

Polished - Book Match A+B





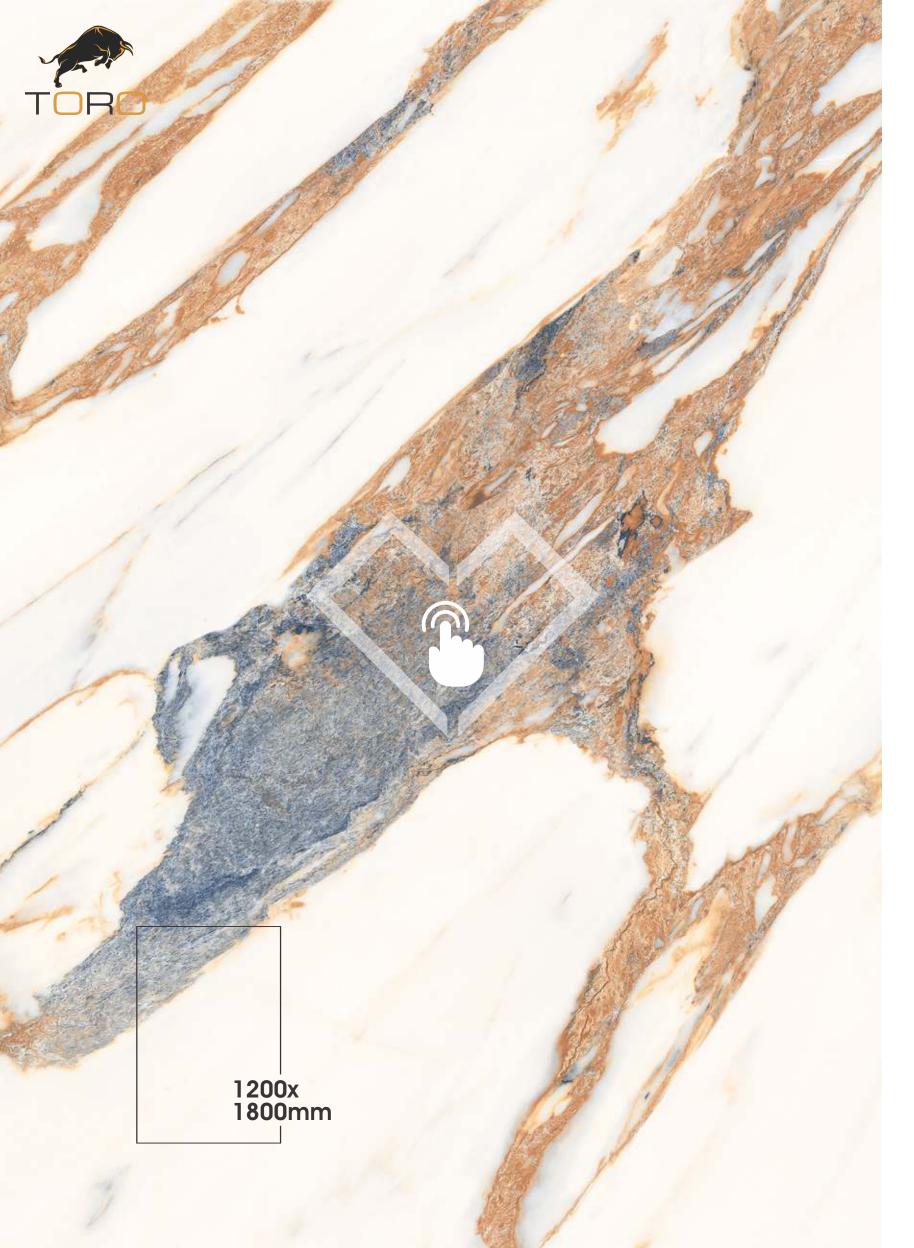
ONXY DELIANT BOOK MATCH - A+B



ONYX DELIANT BOOK MATCH - A+B

Finish Polished - Book Match A+B

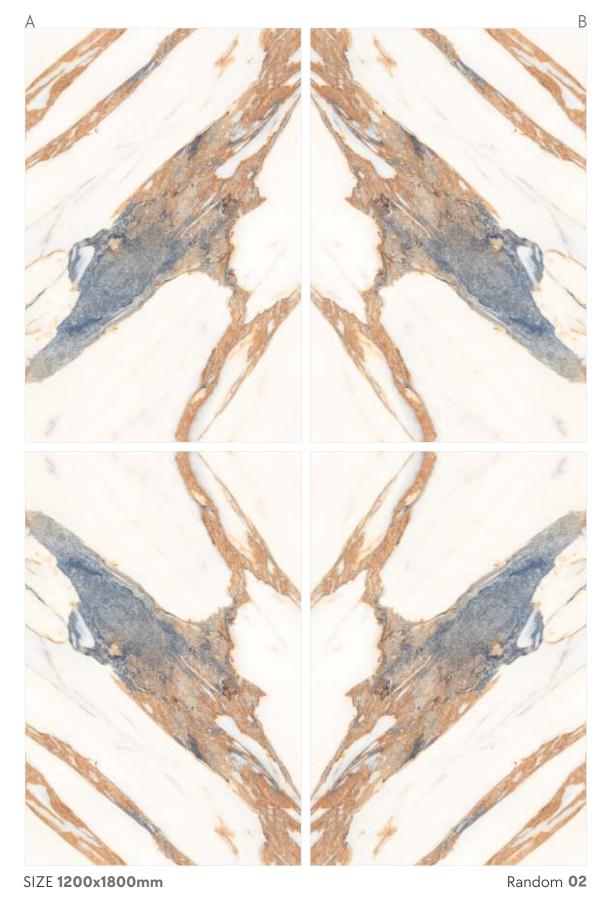


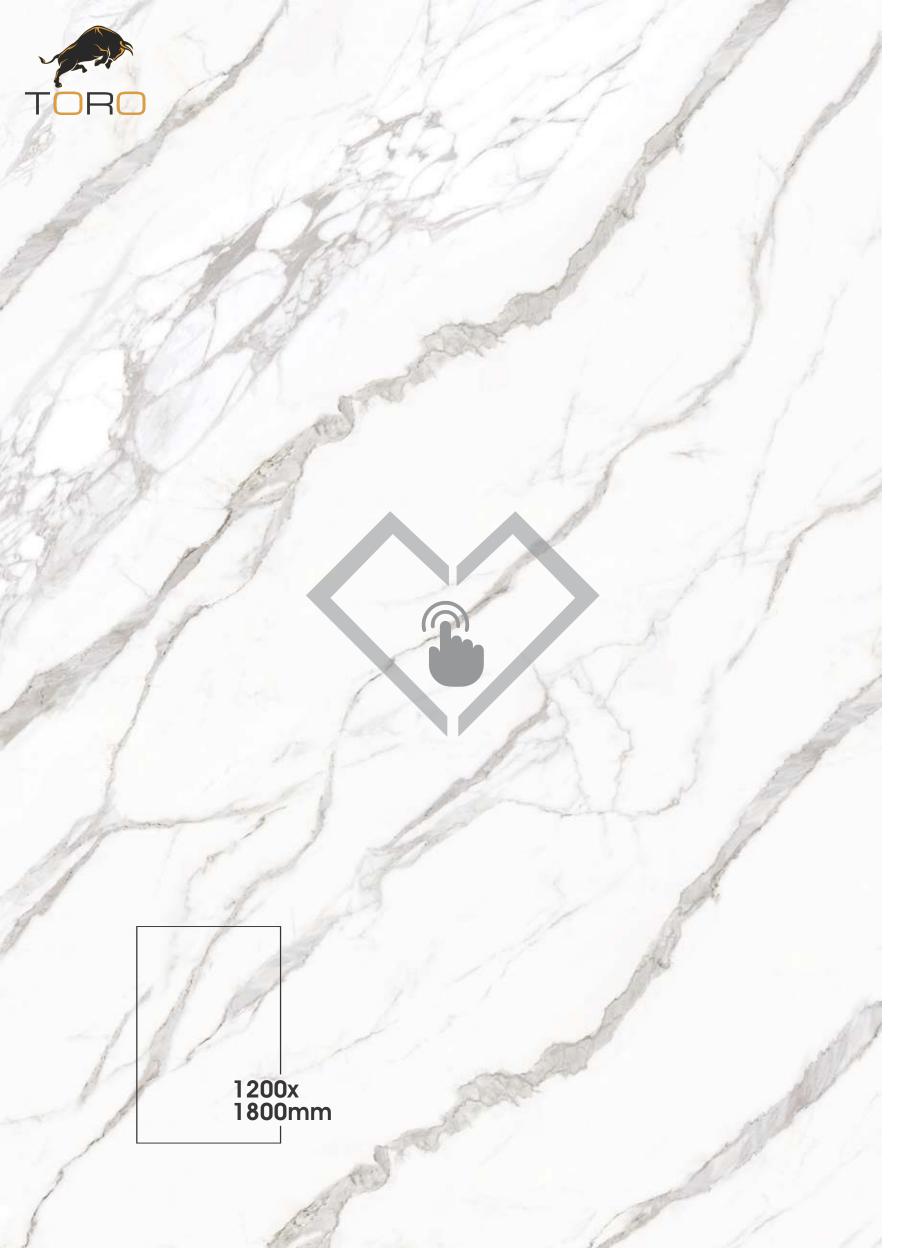


SENTINA GOLD BOOK MATCH - A+B

Finish

Polished - Book Match A+B





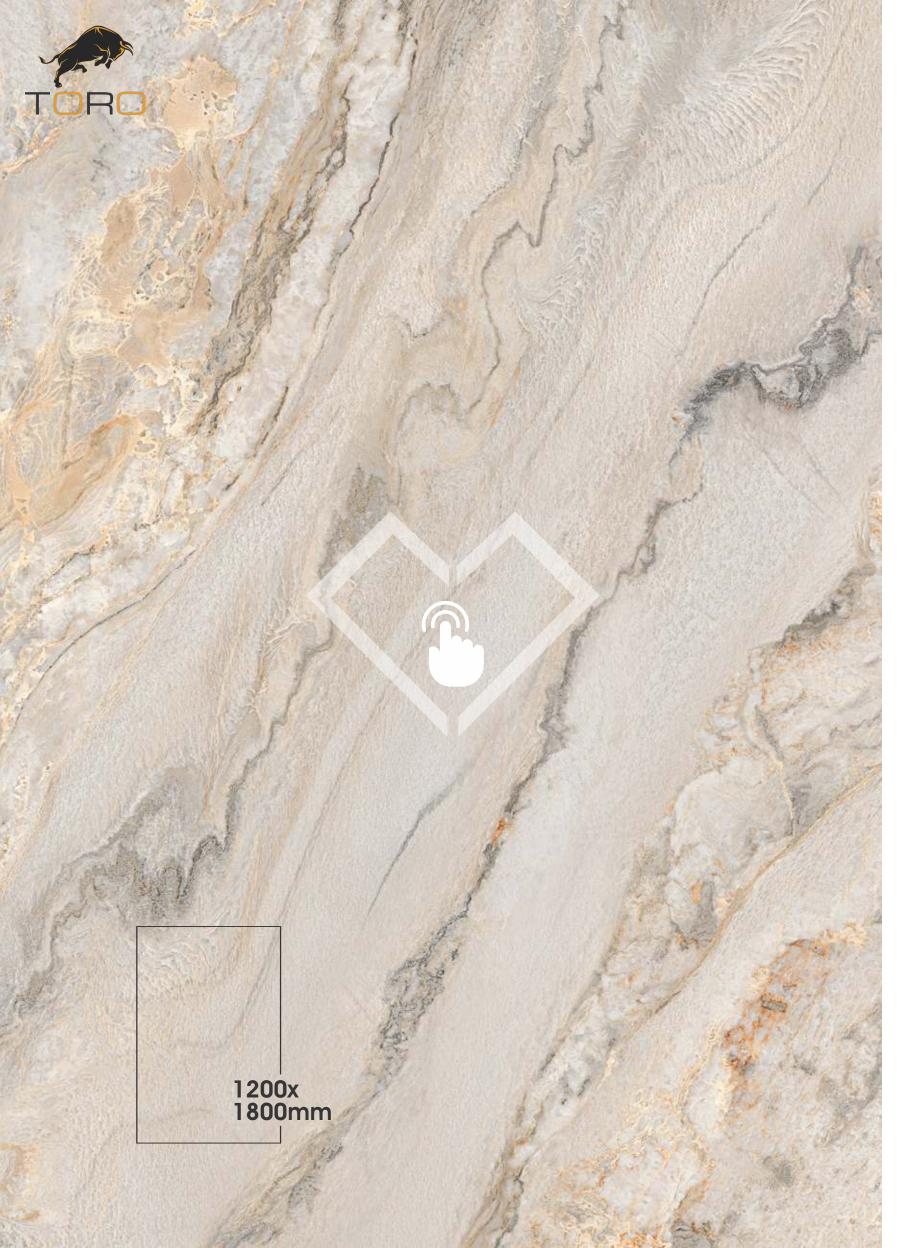
STATUARIO SUSTAIN BOOK MATCH - A+B

Finish

Polished - Book Match A+B



SIZE **1200x1800mm**



VARZONET CREMA BOOK MATCH - A+B

Finish

Polished - Book Match A+B



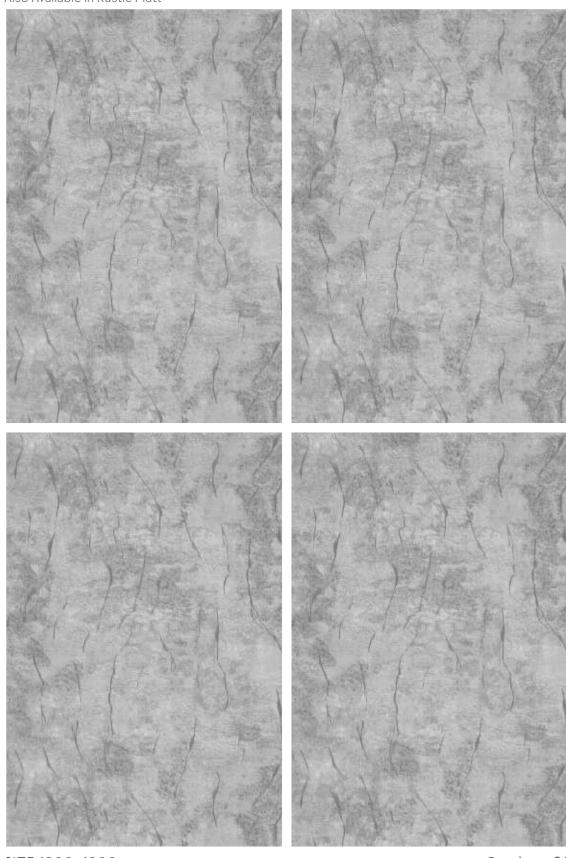


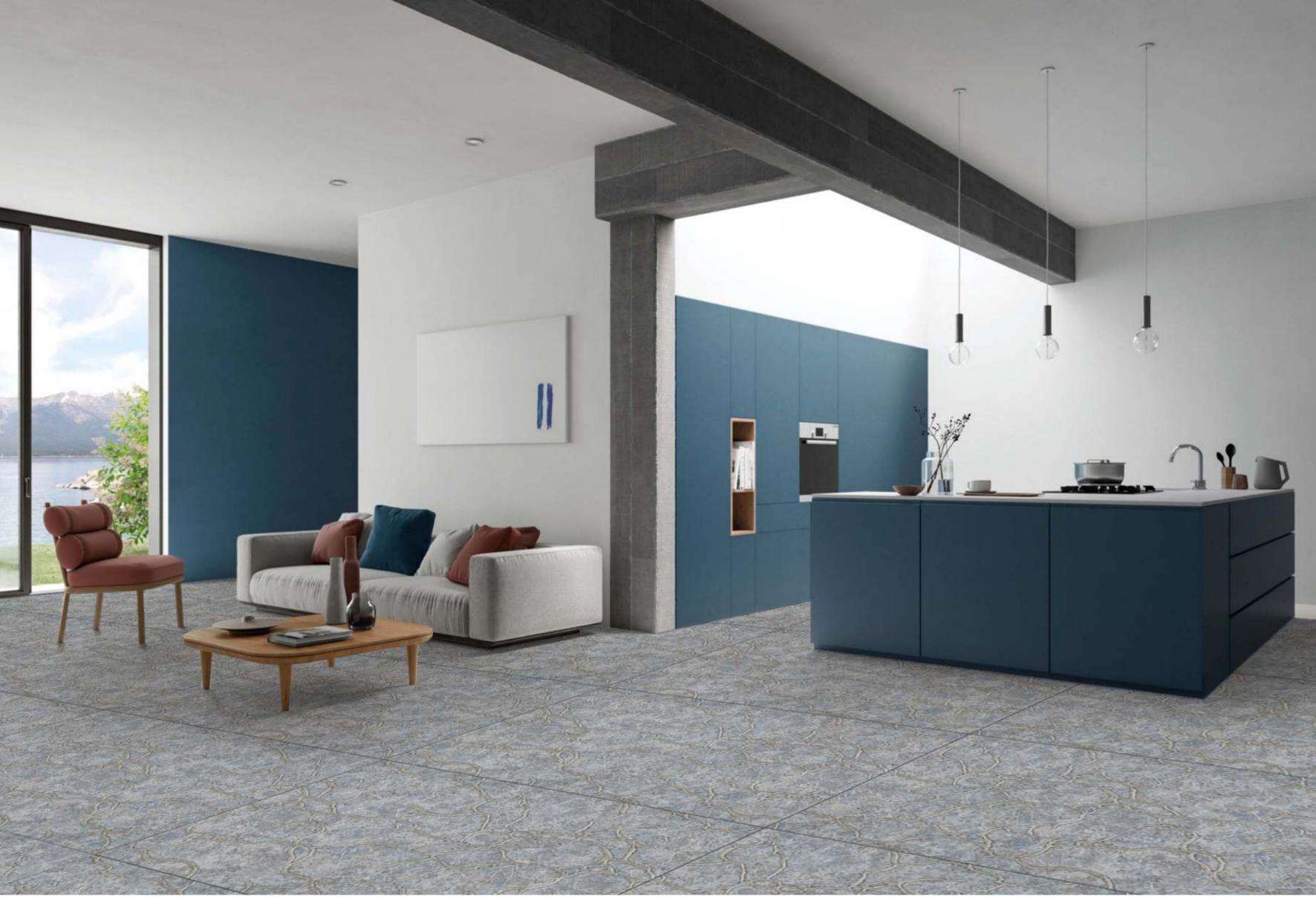


ADORFO GREY

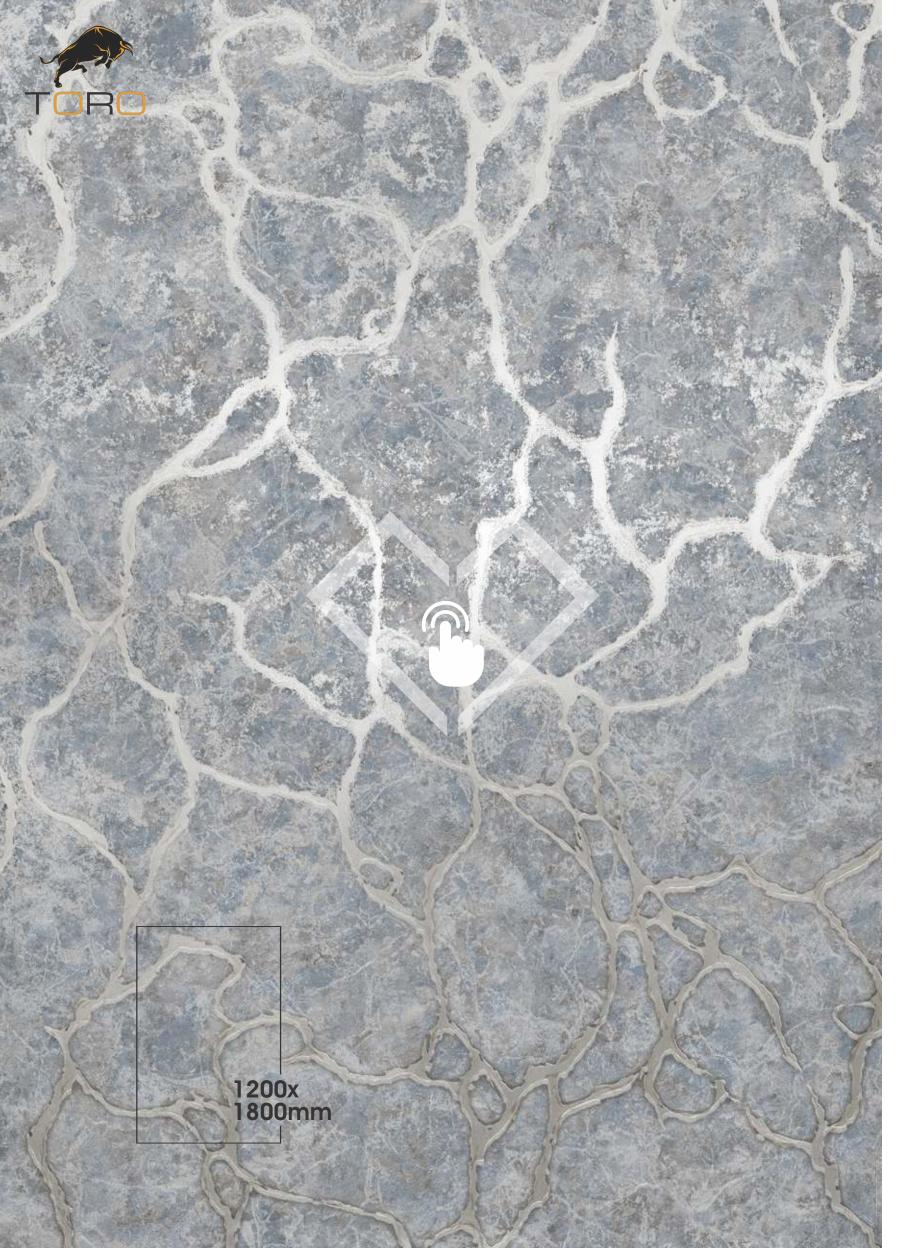
Finish

Matt Carving & Also Available in Rustic Matt





BERSHKA OCEAN

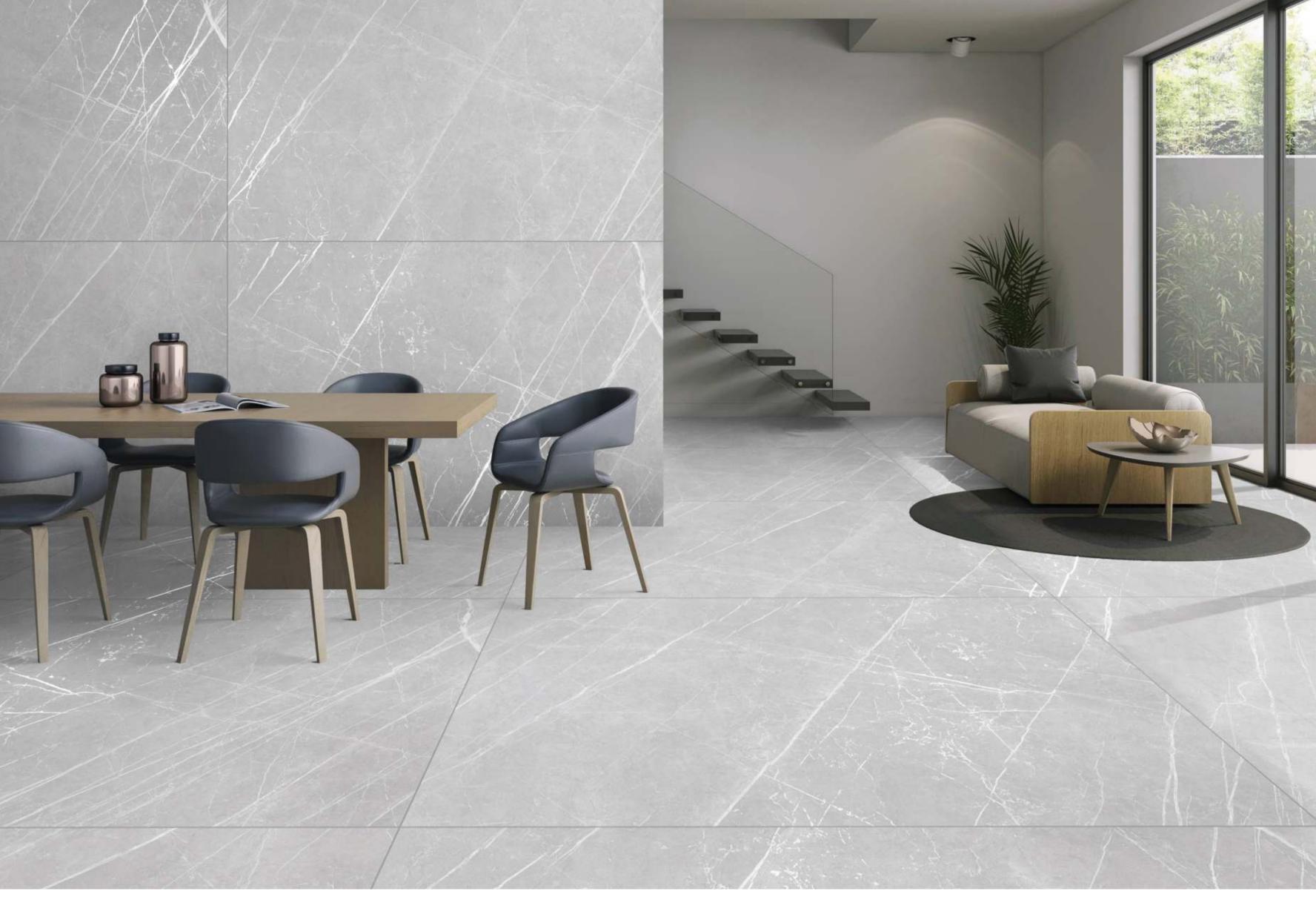


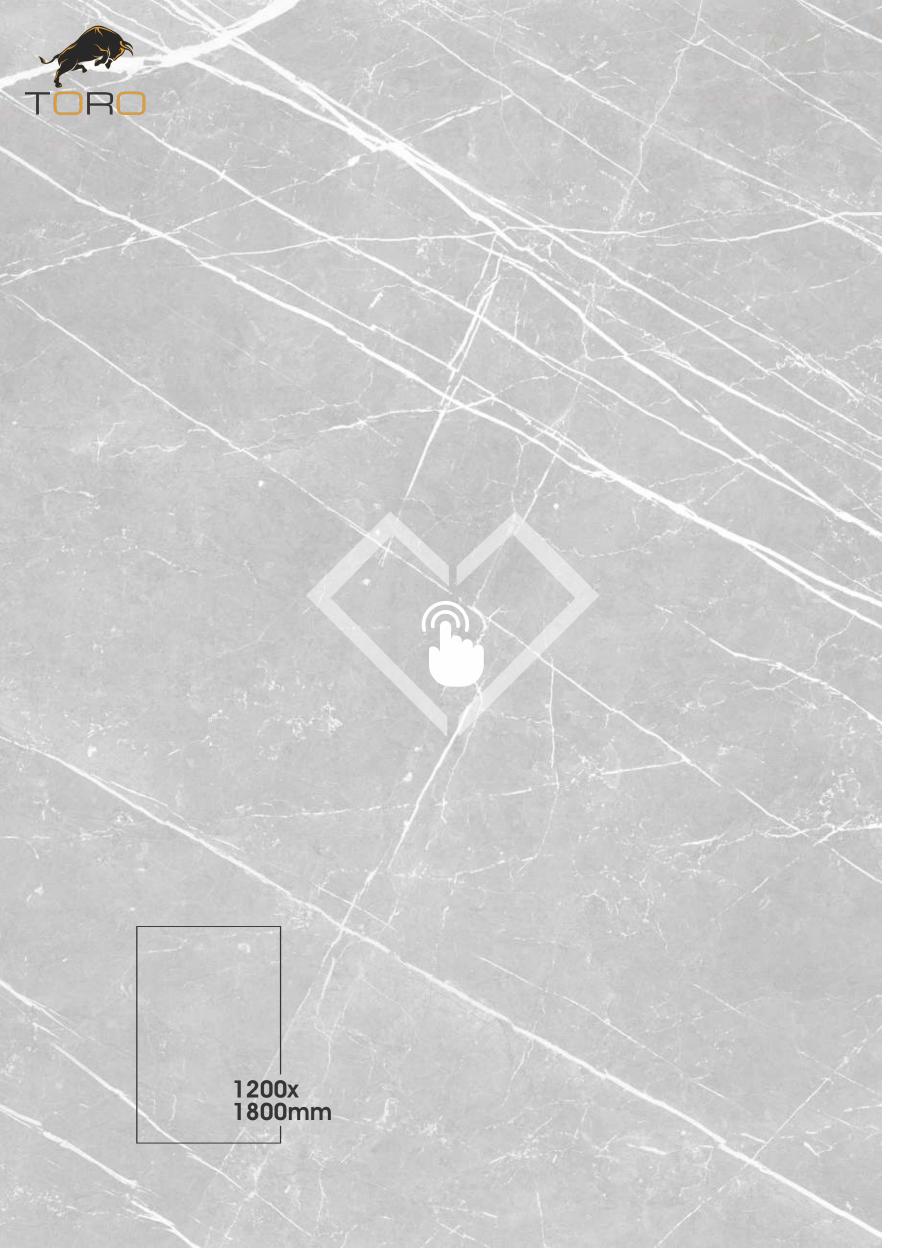
BERSHKA OCEAN

Finish

Matt Carving & Also Available in Rustic Matt



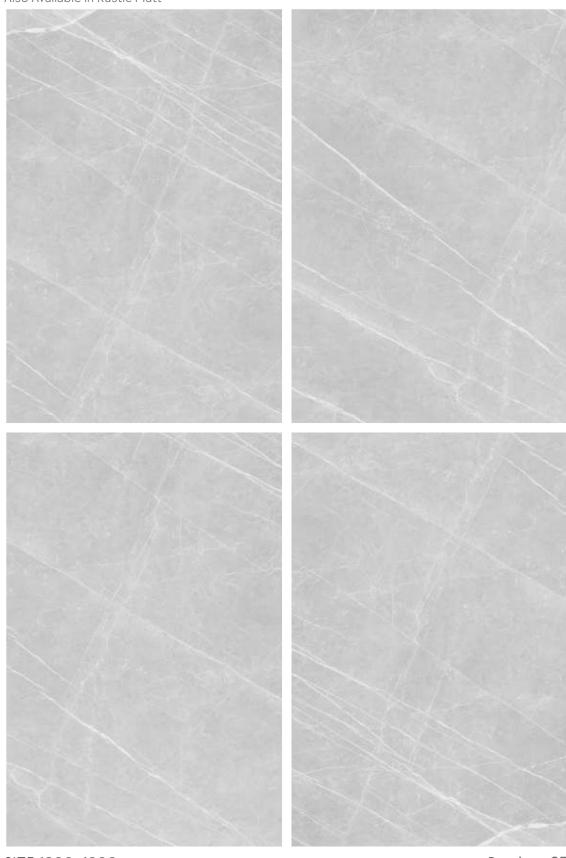




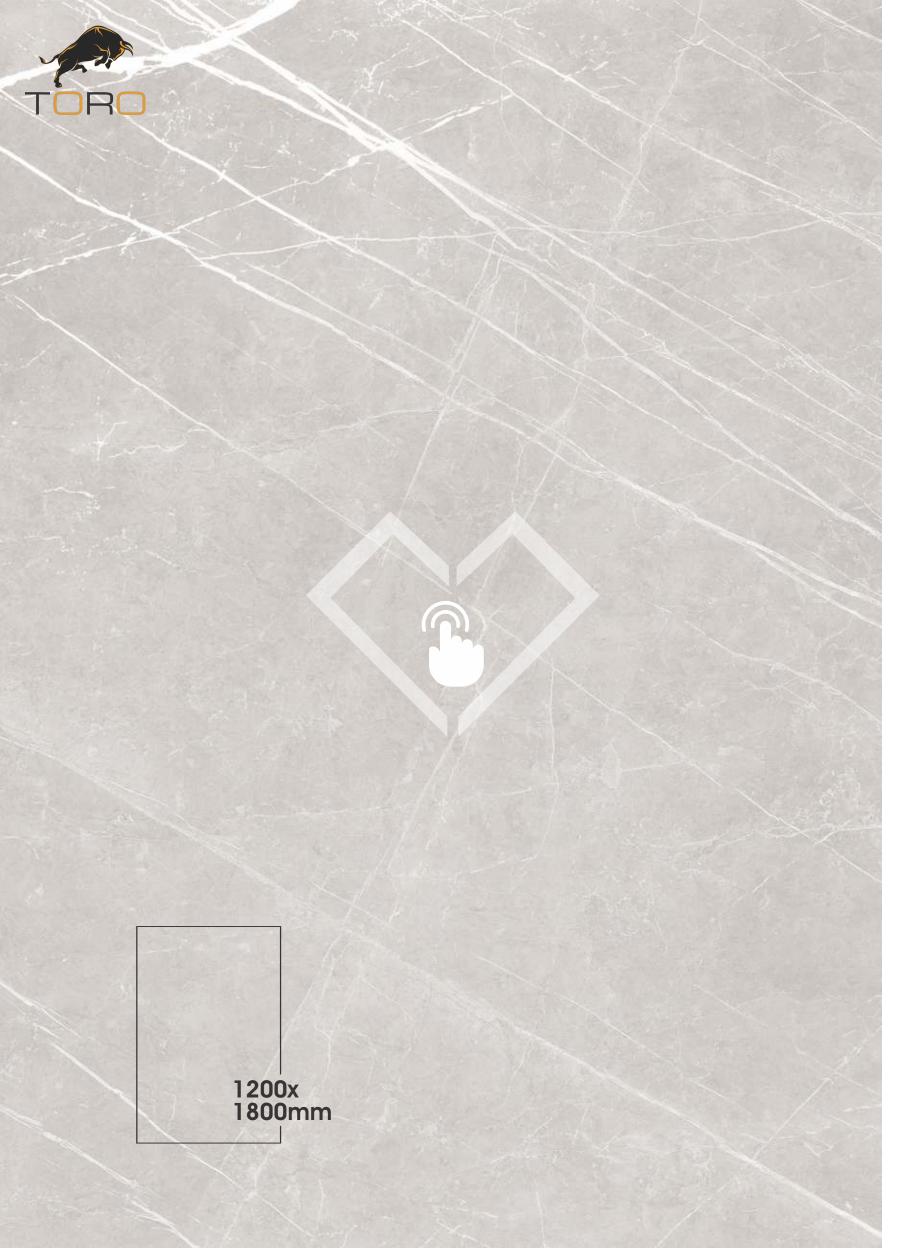
BRUTAL PALE

Finish

Matt Carving & Also Available in Rustic Matt



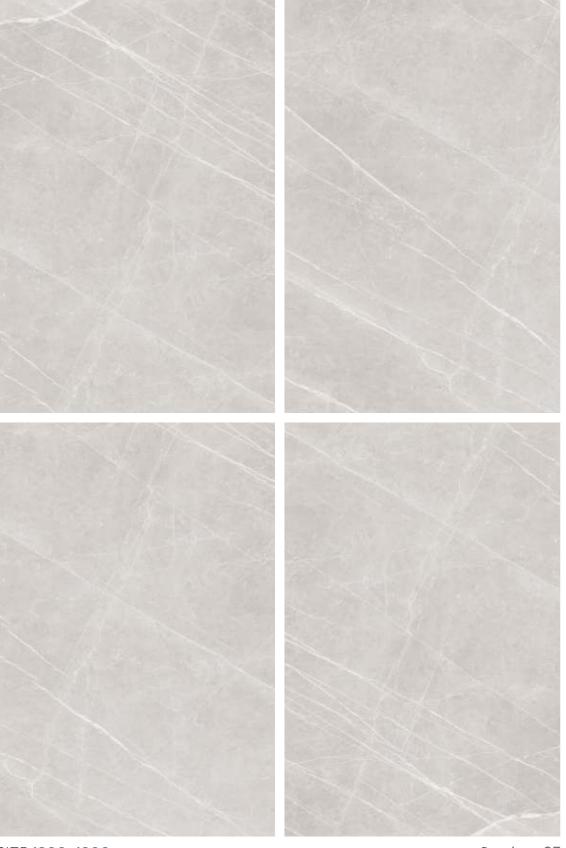




BRUTAL PUTTY

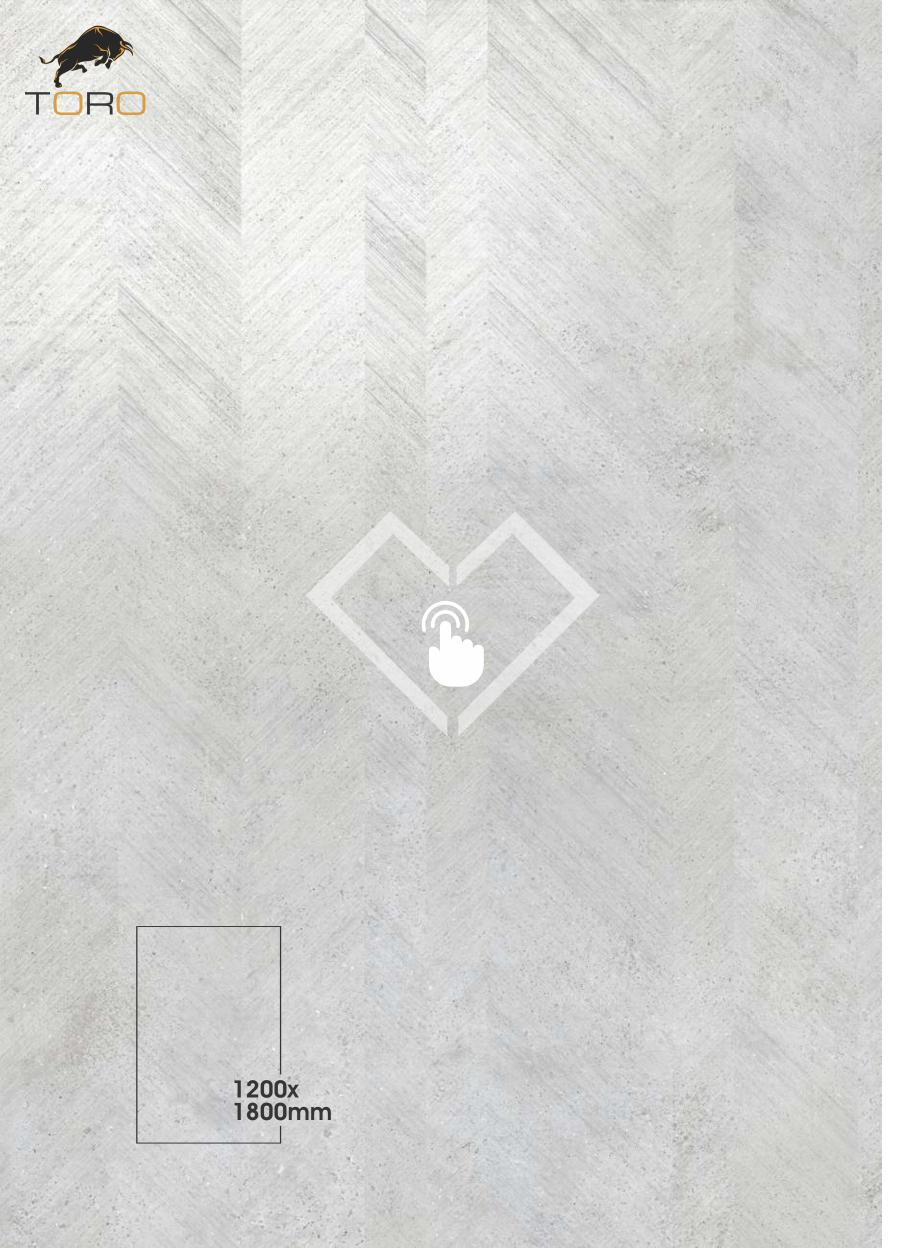
Finish

Matt Carving & Also Available in Rustic Matt





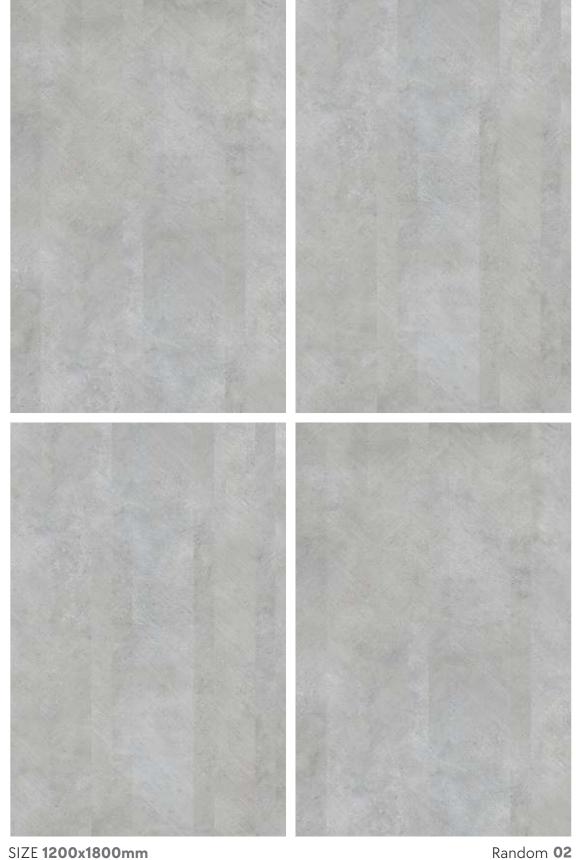
DEURO GREY



DEURO GREY

Finish

Matt Carving & Also Available in Rustic Matt







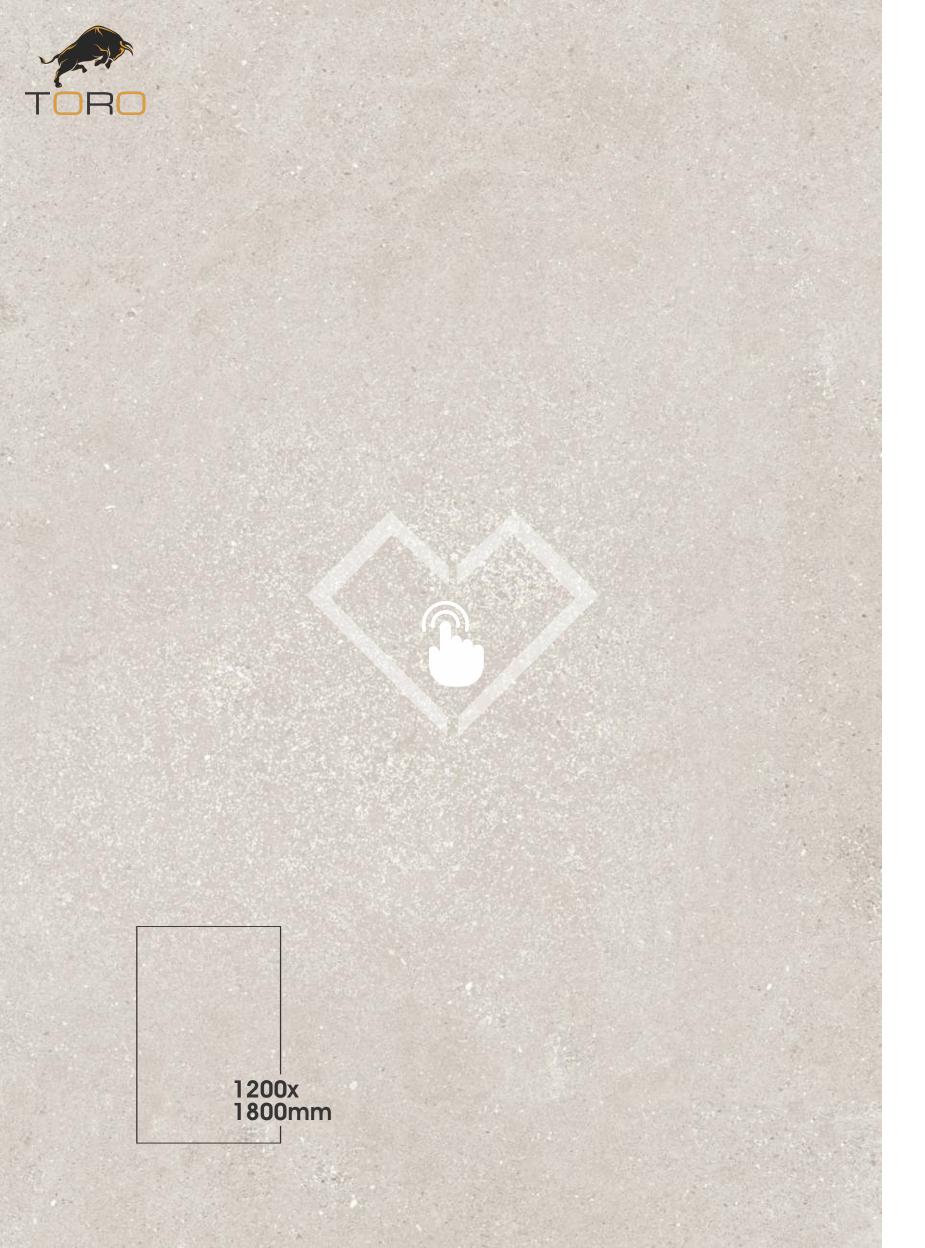
EUROPA GREY

Finish

Matt Carving & Also Available in Rustic Matt



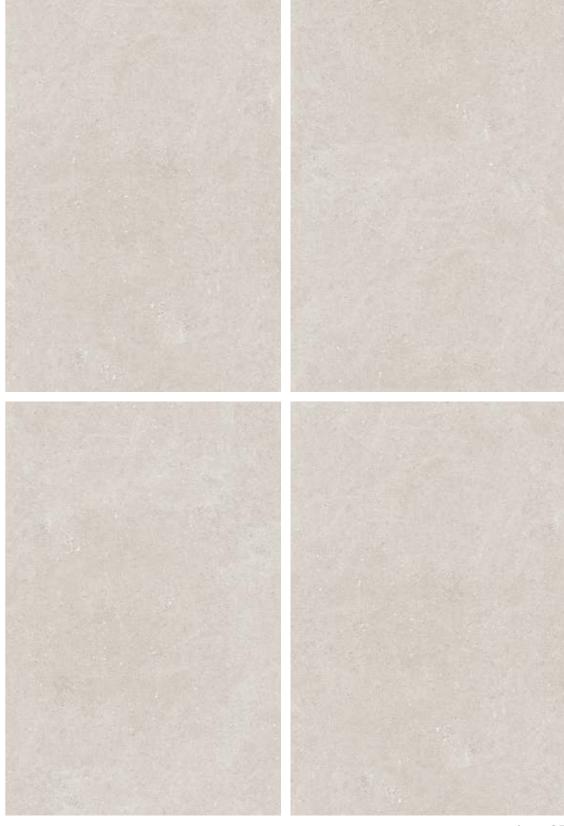




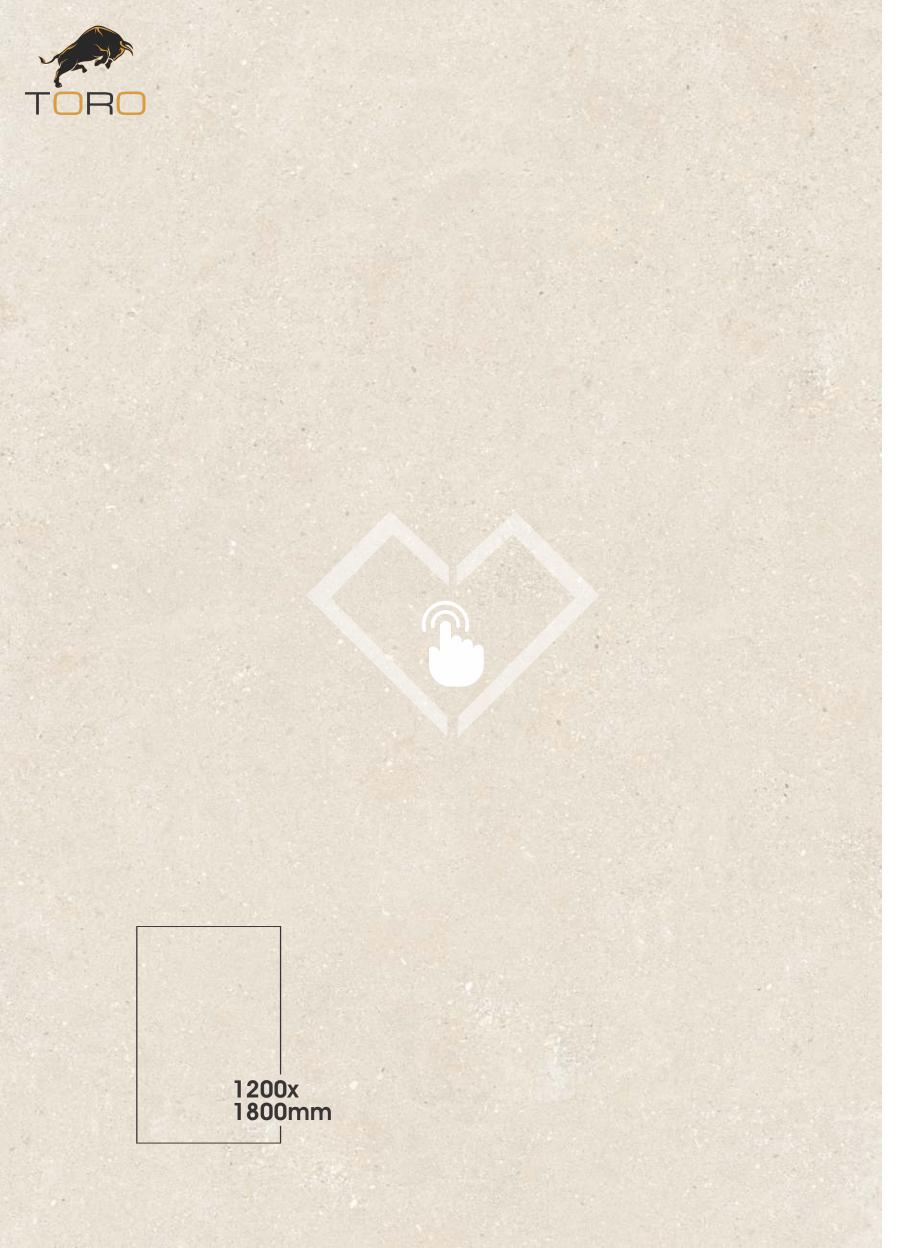
FERRO BROMO

Finish

Matt Carving & Also Available in Rustic Matt



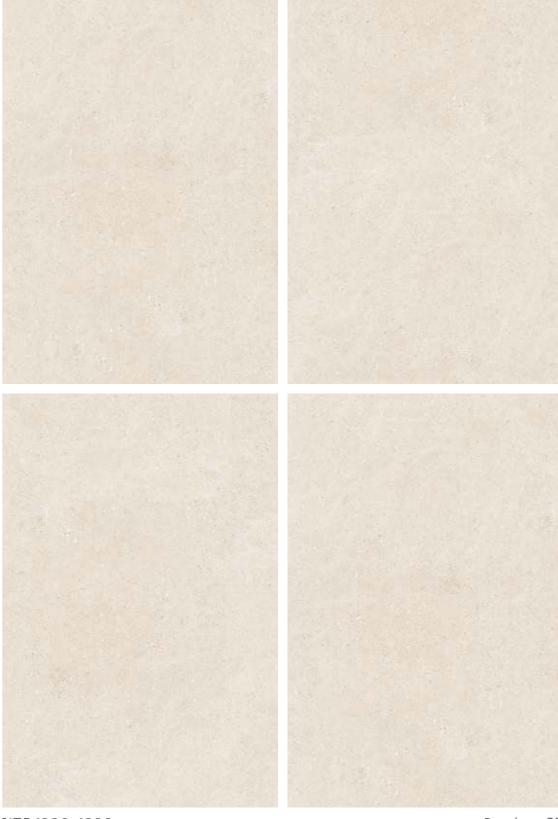




FERRO SAND

Finish

Matt Carving & Also Available in Rustic Matt







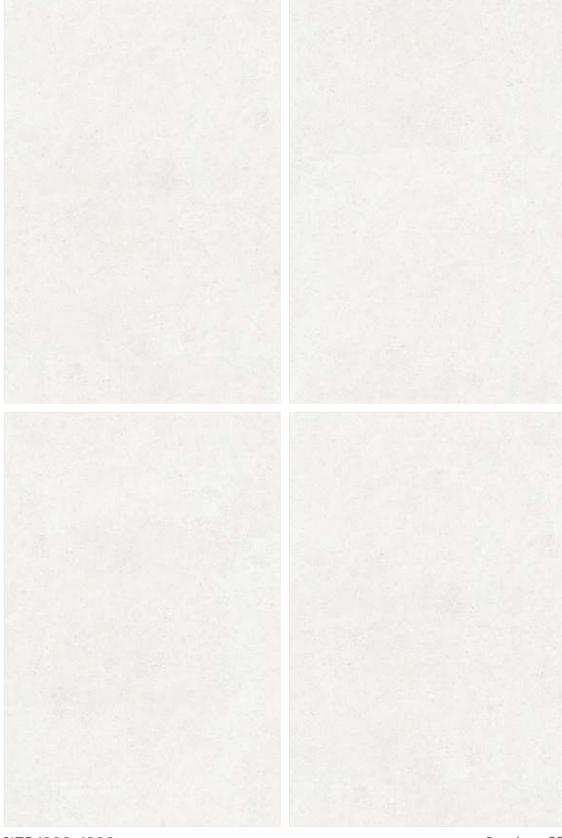




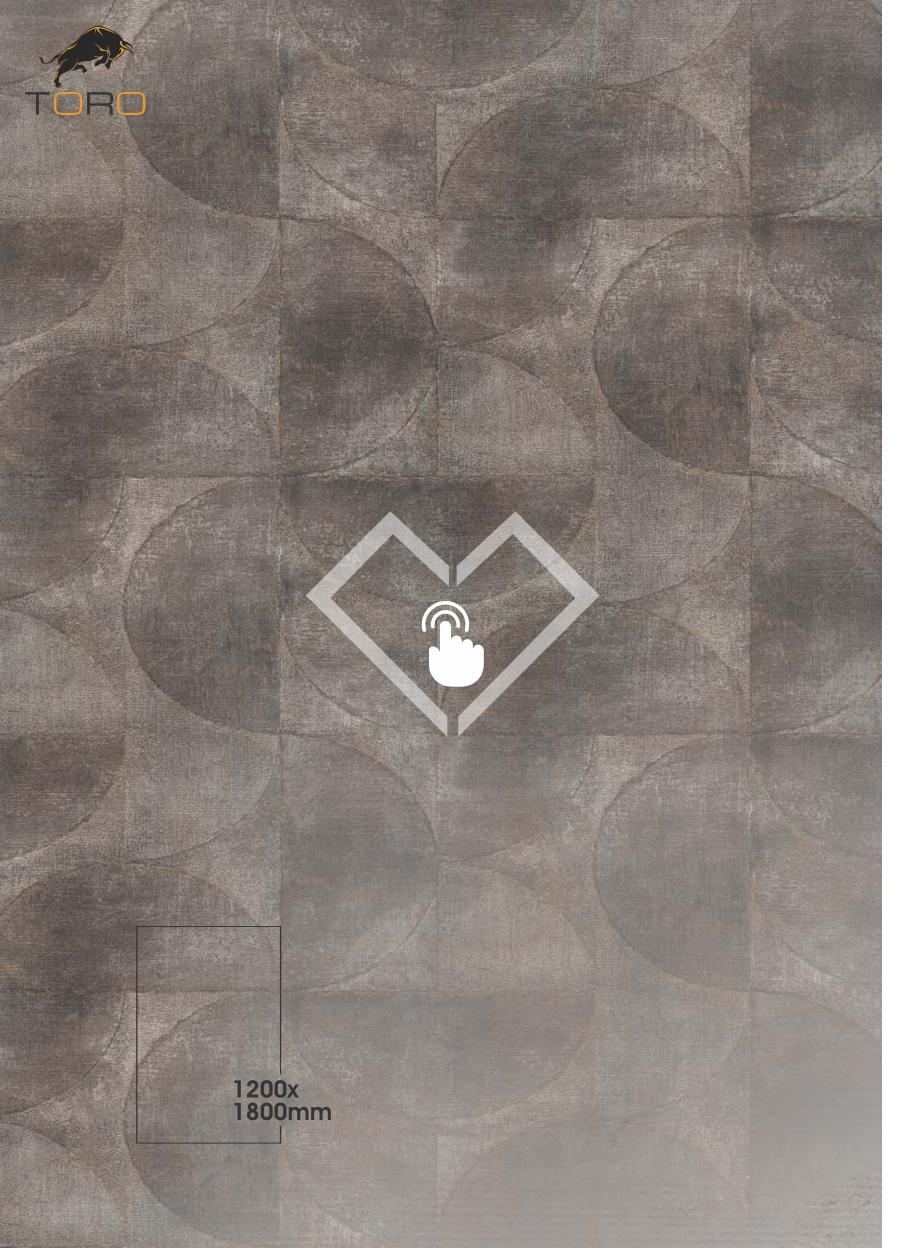
FERRO WHITE

Finish

Matt Carving & Also Available in Rustic Matt



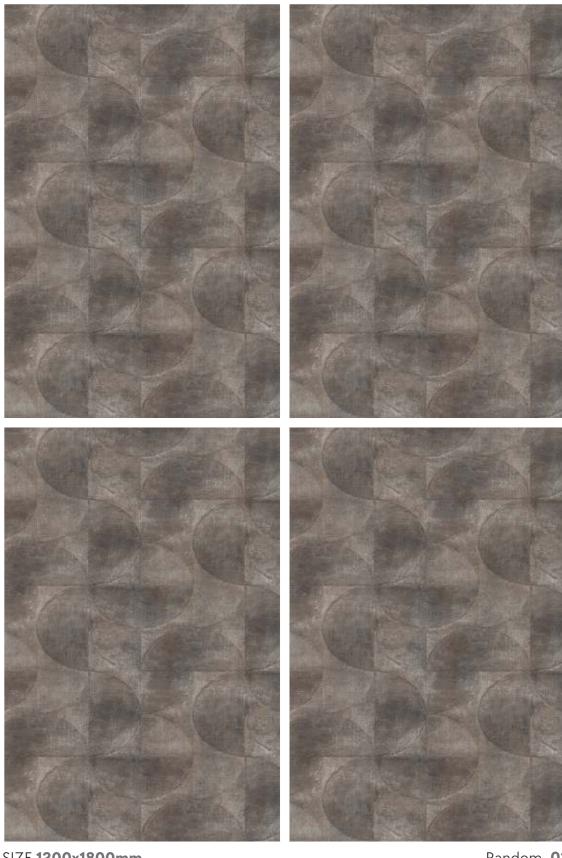
Random **03** SIZE **1200x1800mm**

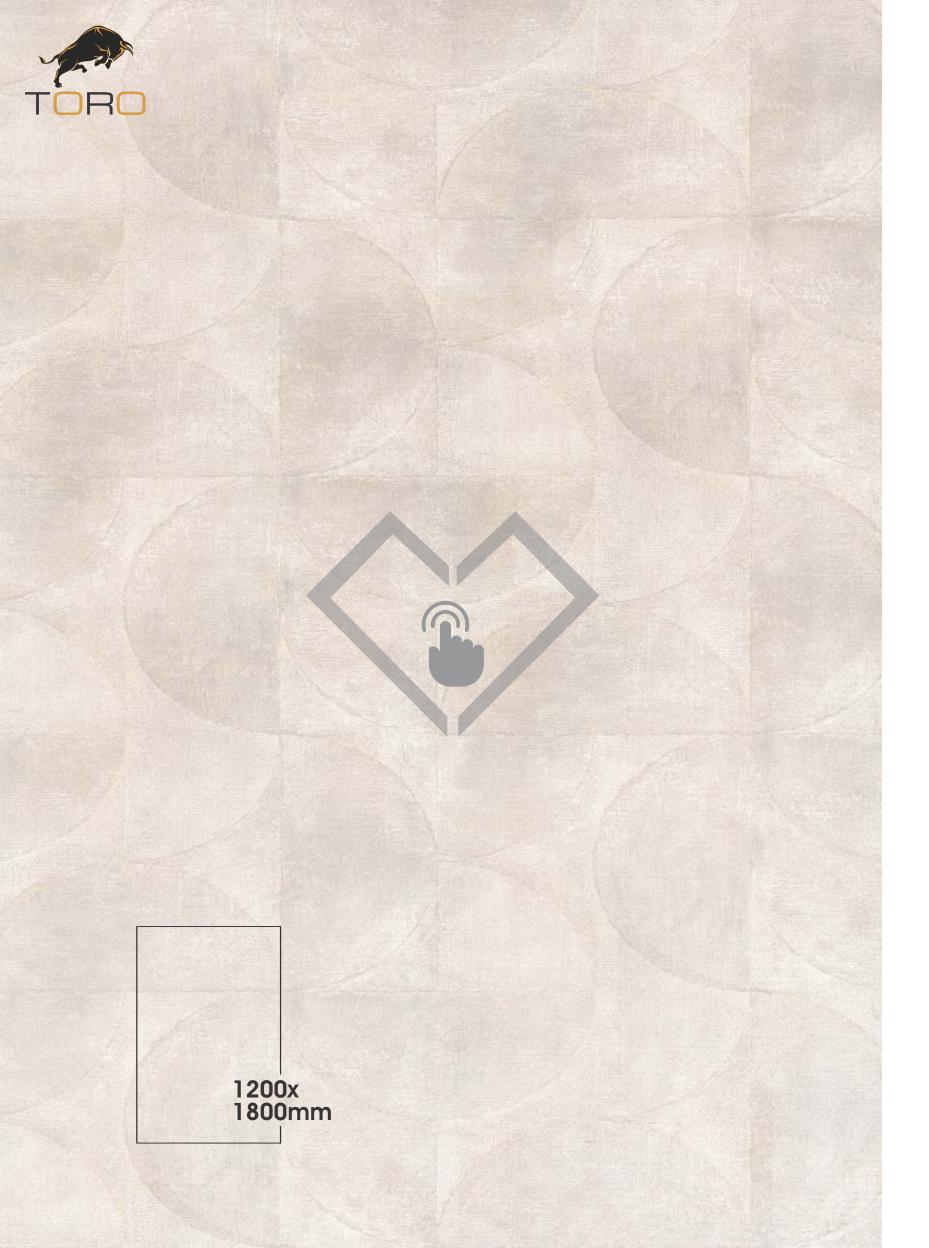


FLAVIO BROWN

Finish

Matt Carving & Also Available in Rustic Matt

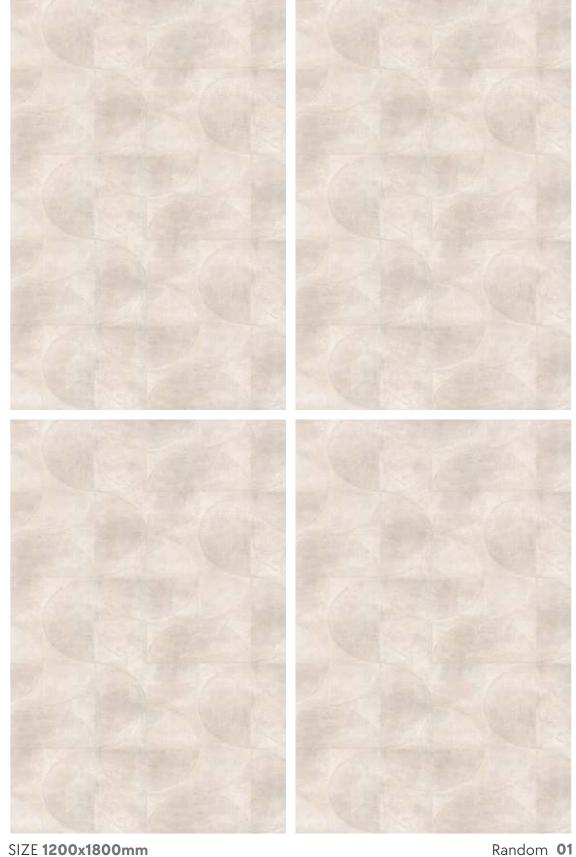




FLAVIO CREMA

Finish

Matt Carving & Also Available in Rustic Matt





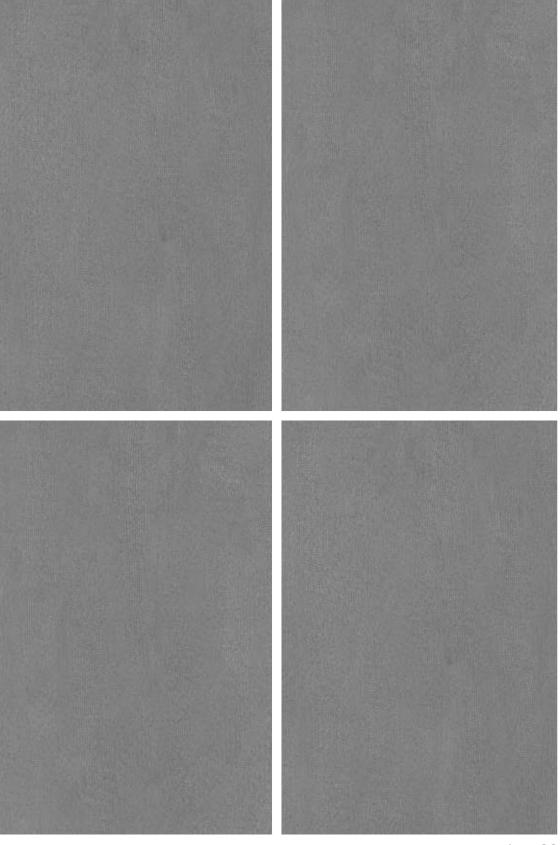


1200x 1800mm

MONTANA GREY

Finish

Matt Carving & Also Available in Rustic Matt

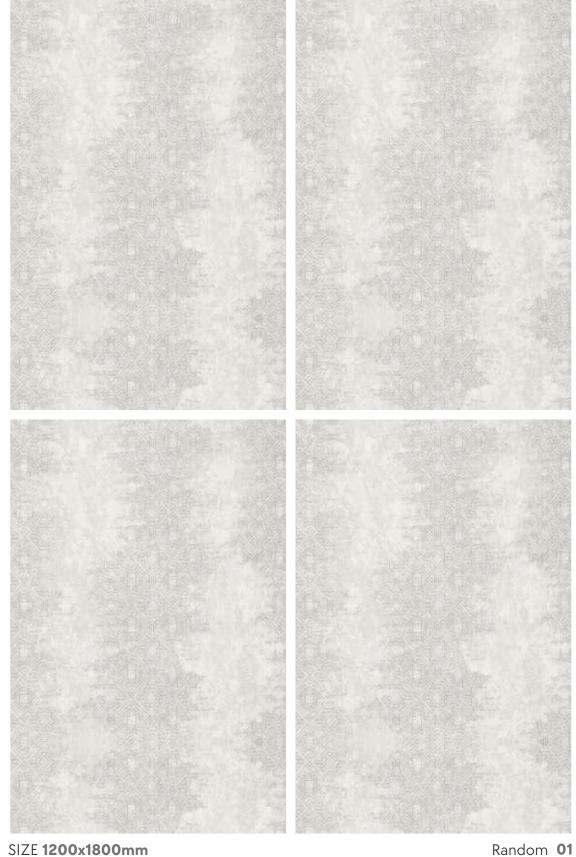




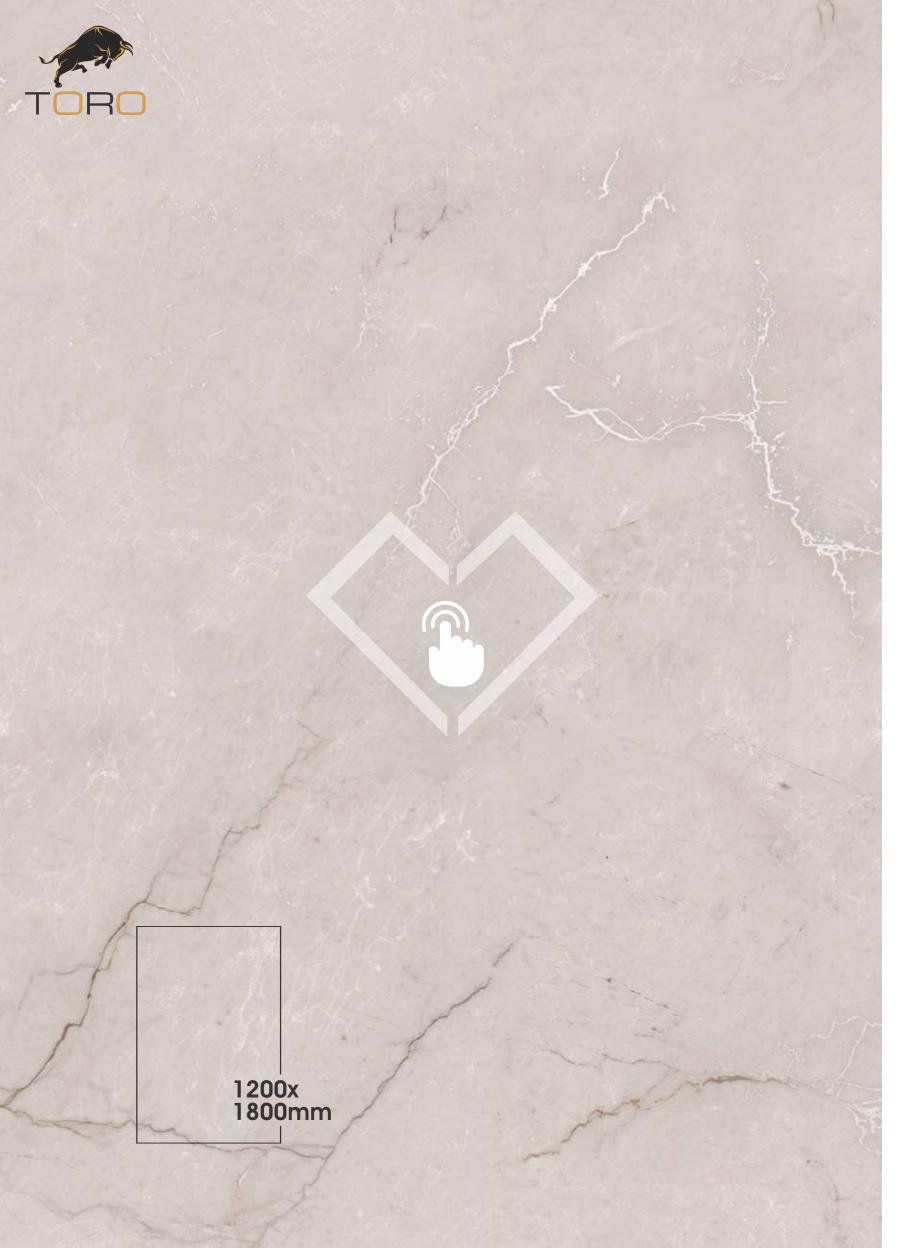
PRATINA SILVER

Finish

Matt Carving & Also Available in Rustic Matt





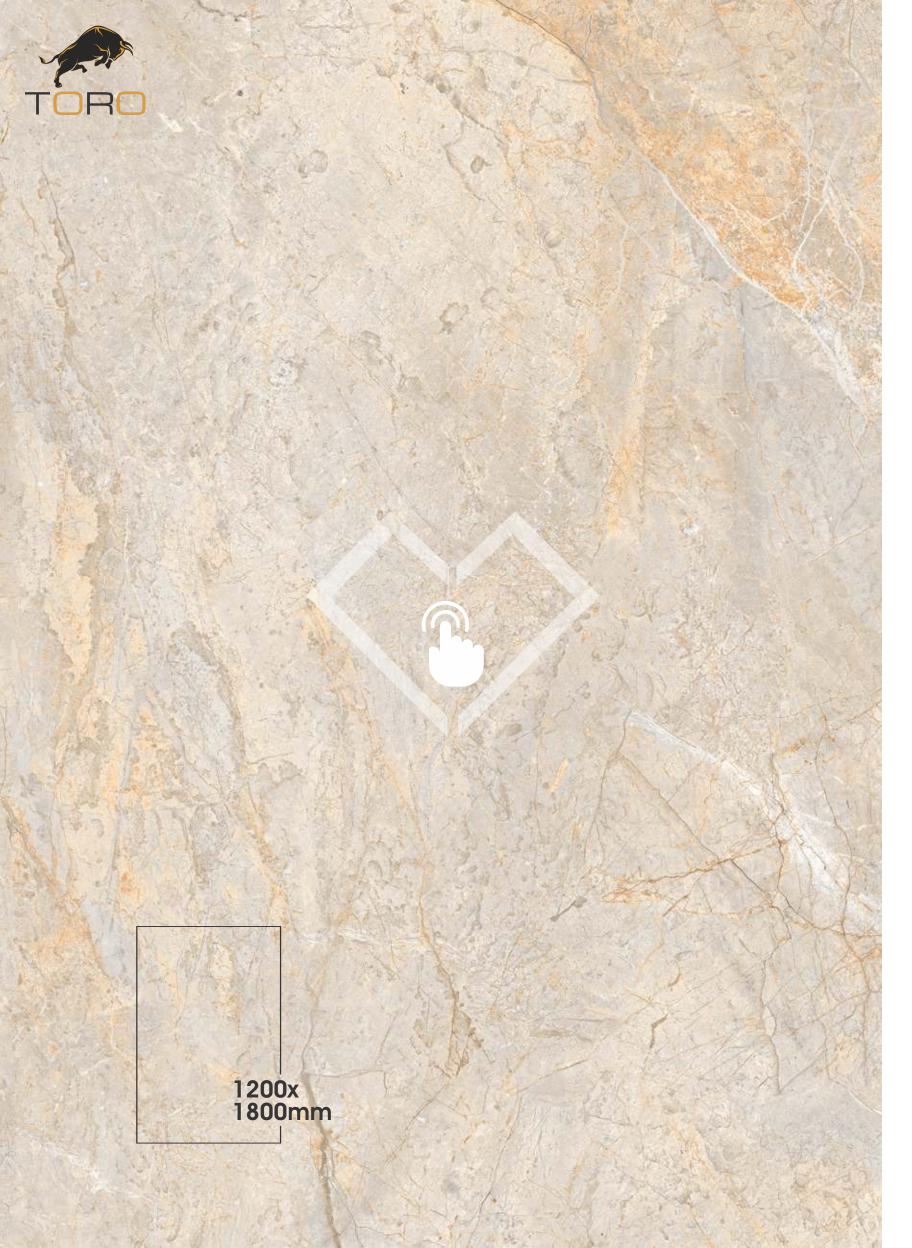


REGATO BRONZE

Finish

Matt Carving & Also Available in Rustic Matt





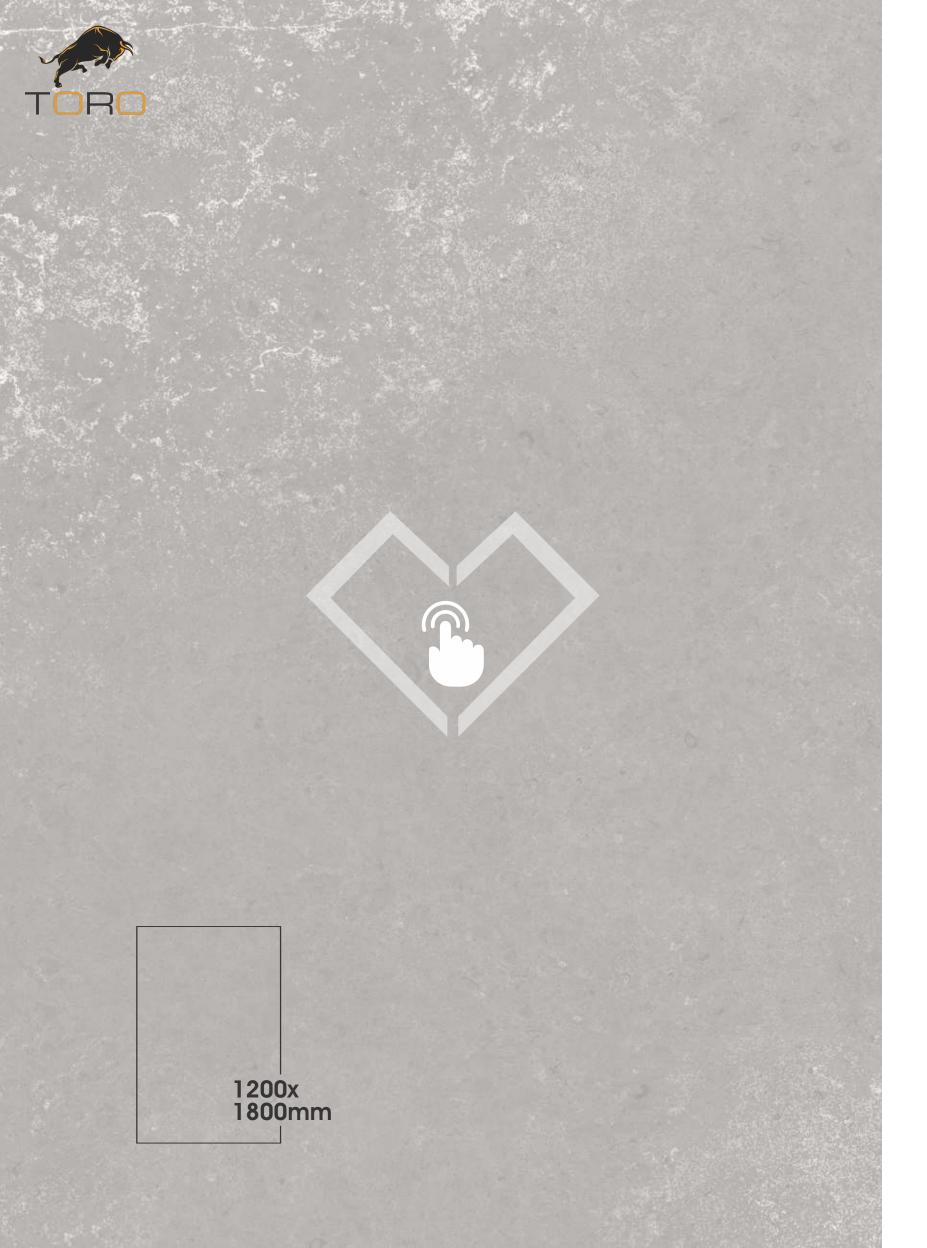
RIVER STONE NATURAL

Finish

Matt Carving & Also Available in Rustic Matt



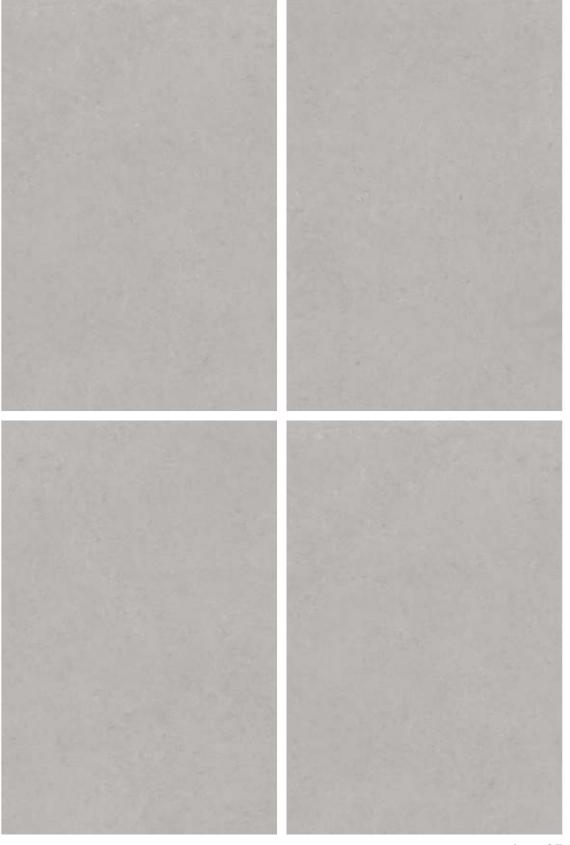




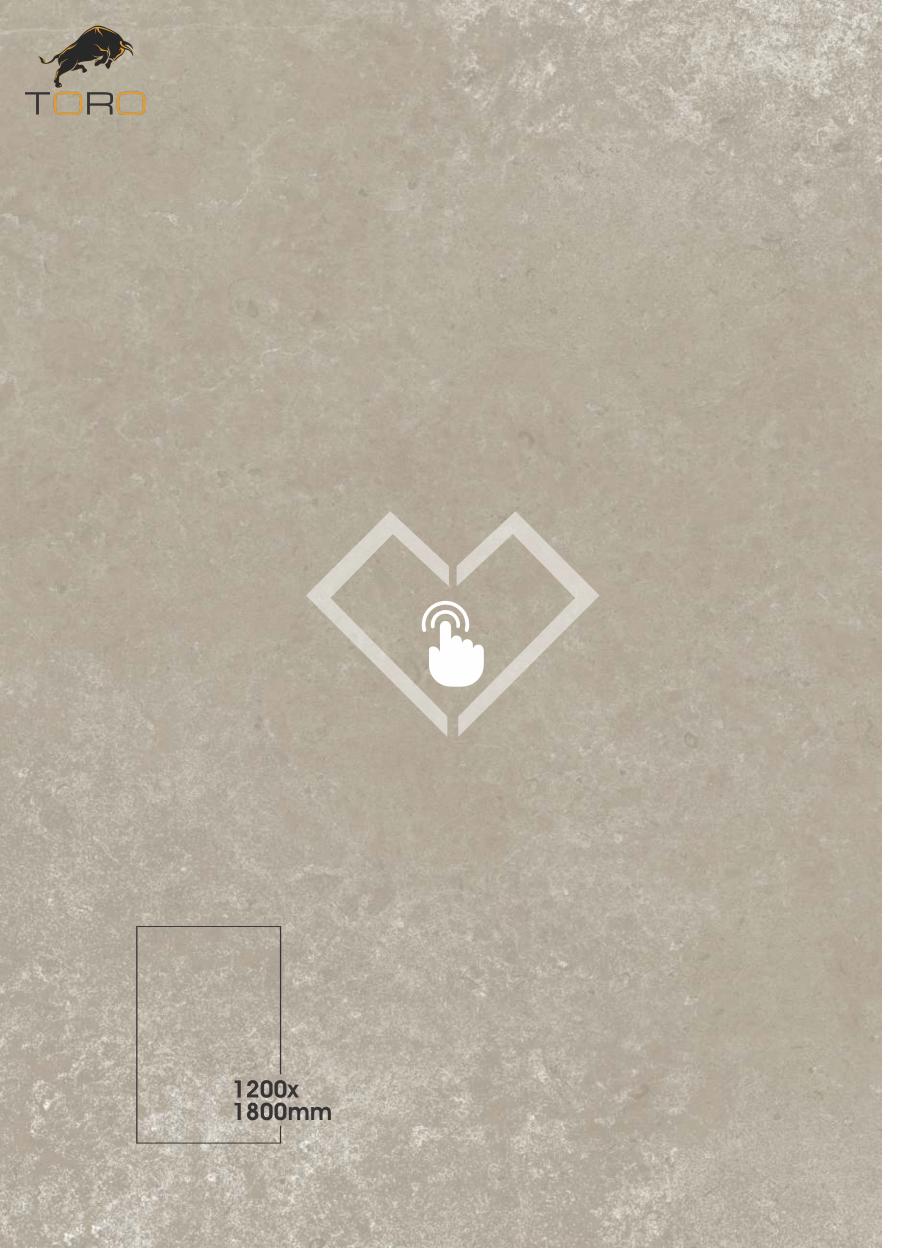
SIERRA COIN

Finish

Matt Carving & Also Available in Rustic Matt



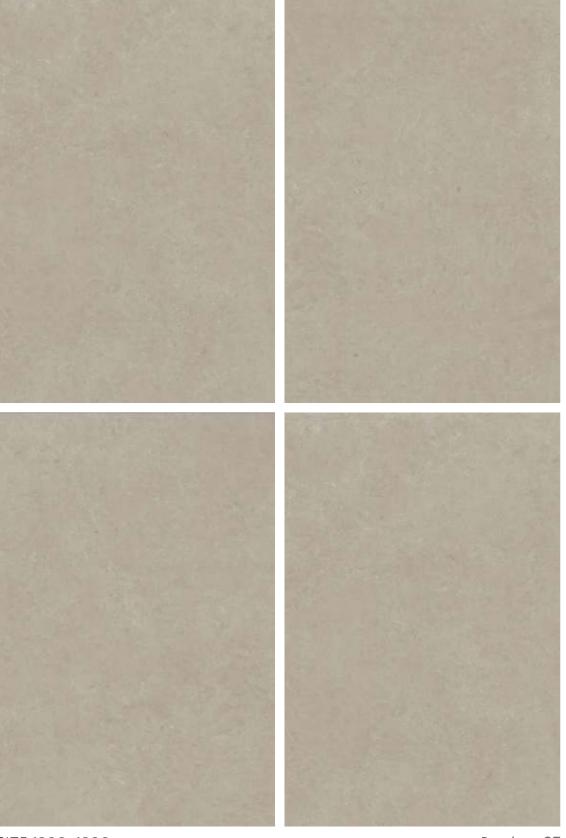


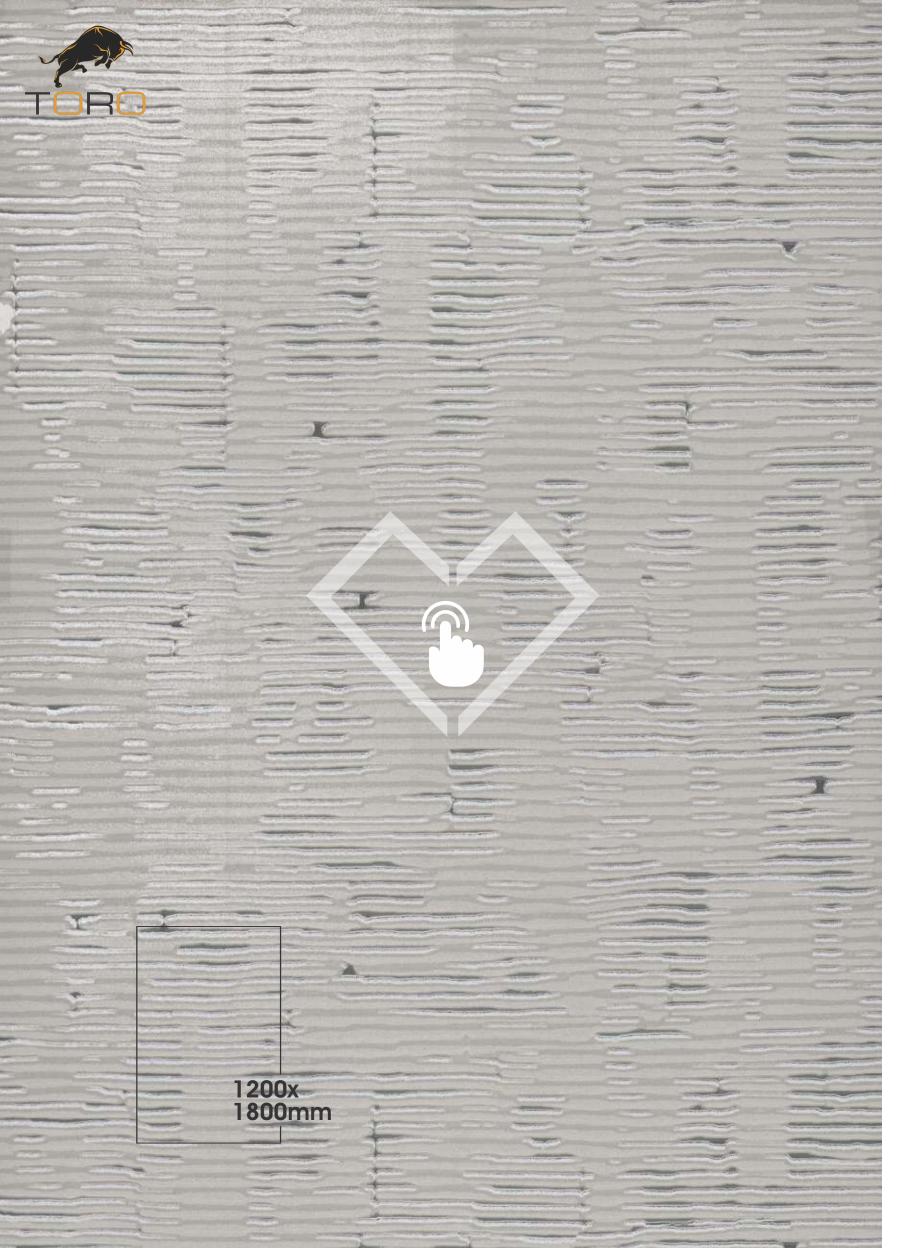


SIERRA SAND

Finish

Matt Carving & Also Available in Rustic Matt

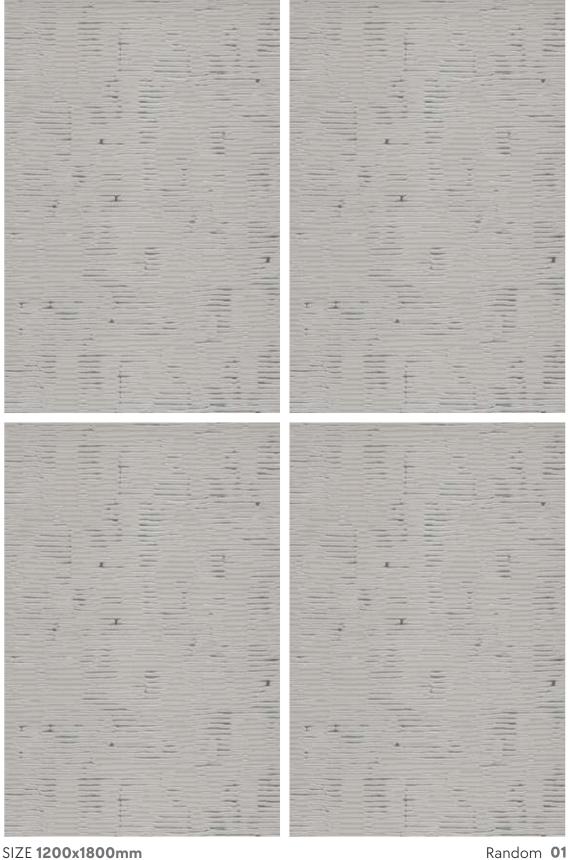




TOUSK PEARL

Finish

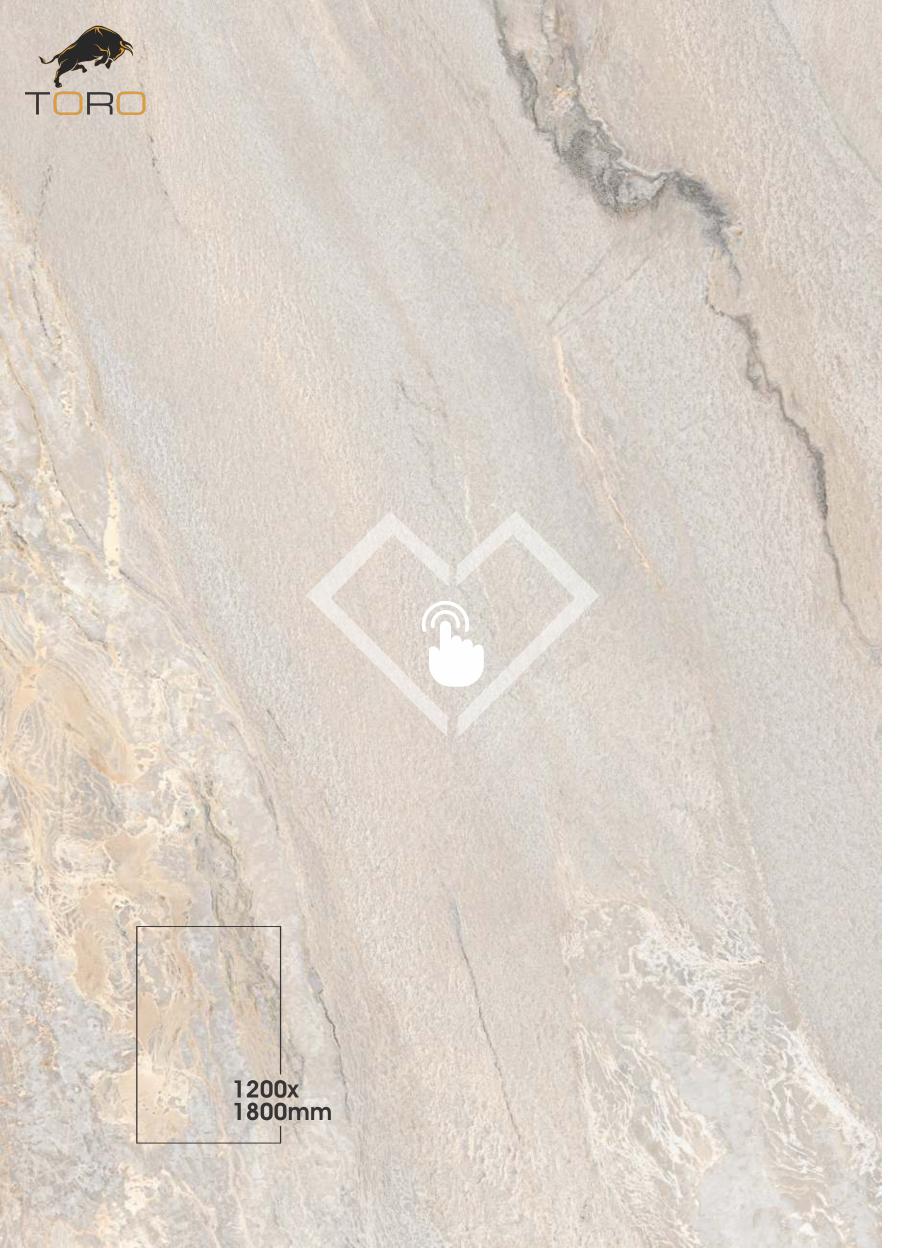
Matt Carving & Also Available in Rustic Matt



SIZE **1200x1800mm**



VARZINIA CREMA



VARZINIA CREMA

Finish

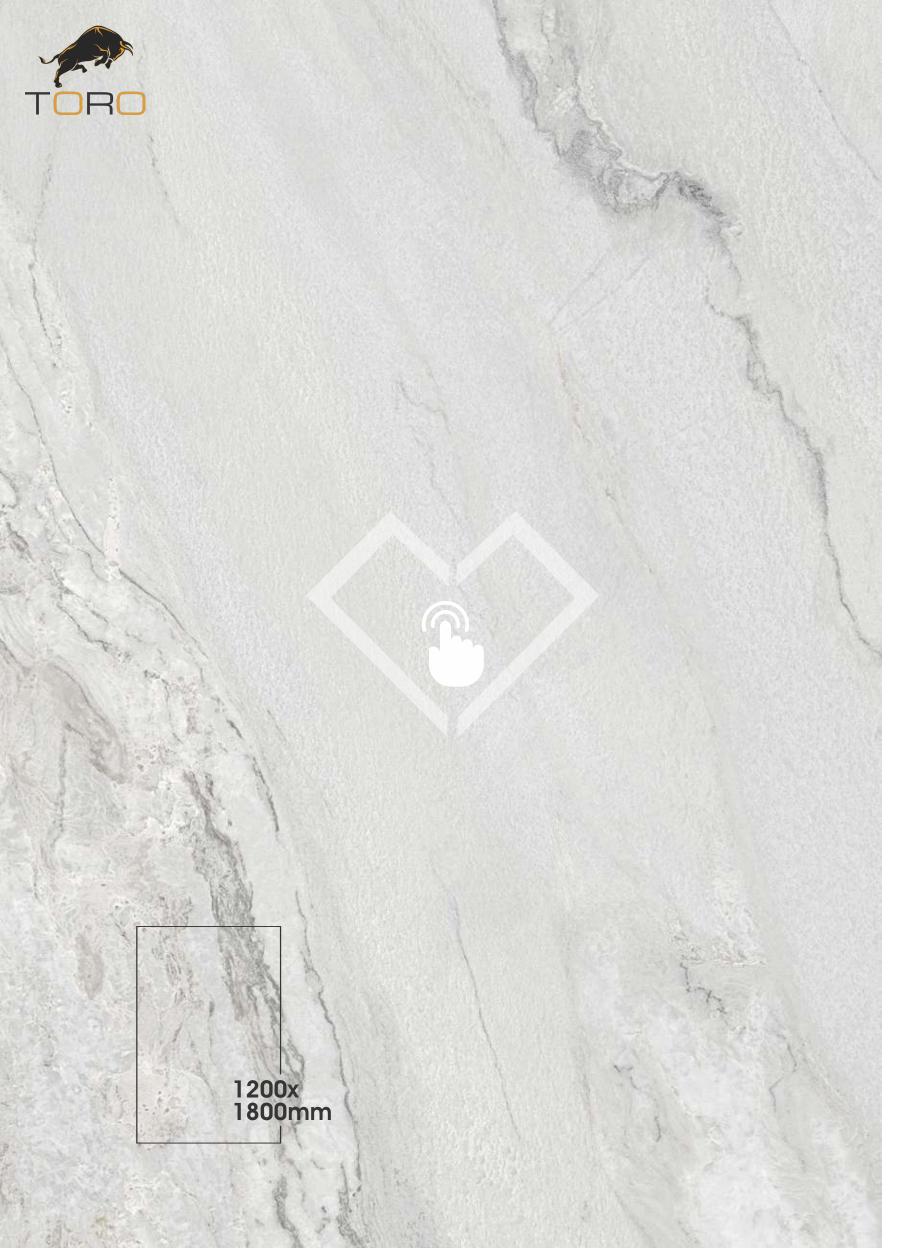
Matt Carving & Also Available in Rustic Matt



Random **03** SIZE **1200x1800mm**



VARZINIA GREY



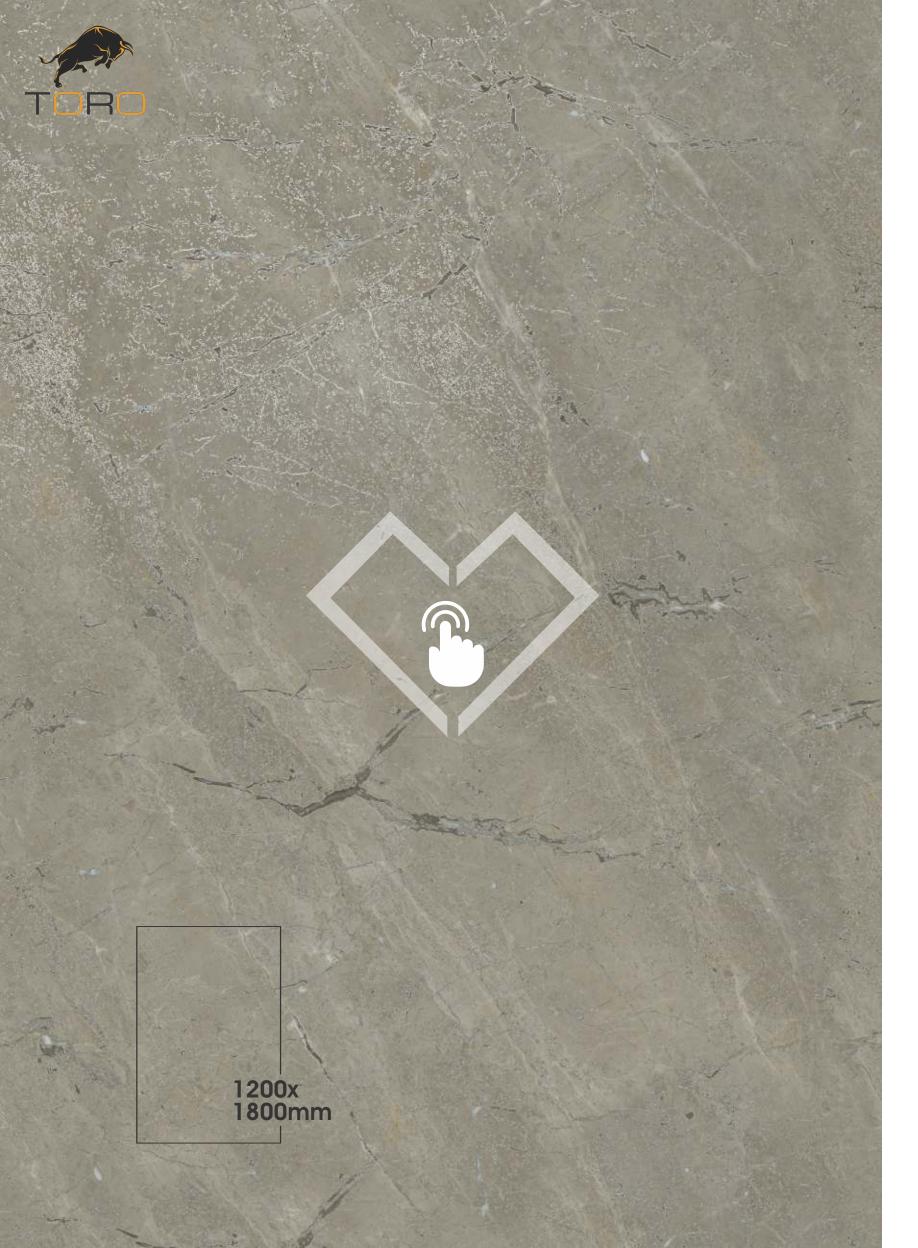
VARZINIA GREY

Finish

Matt Carving & Also Available in Rustic Matt



Random **03** SIZE **1200x1800mm**

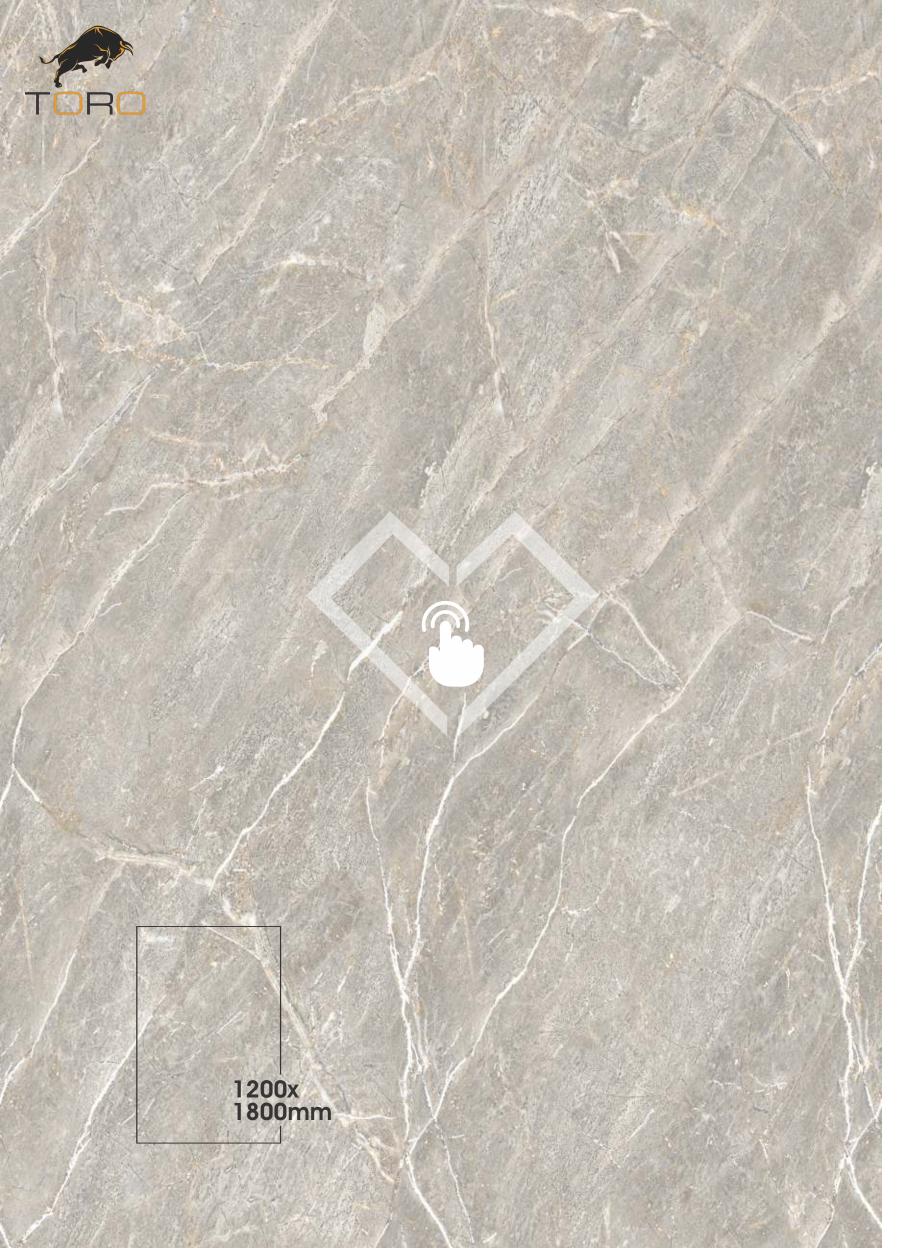


FENIX DARK

Finish

Matt Carving - End Match & Also Available in Rustic Matt



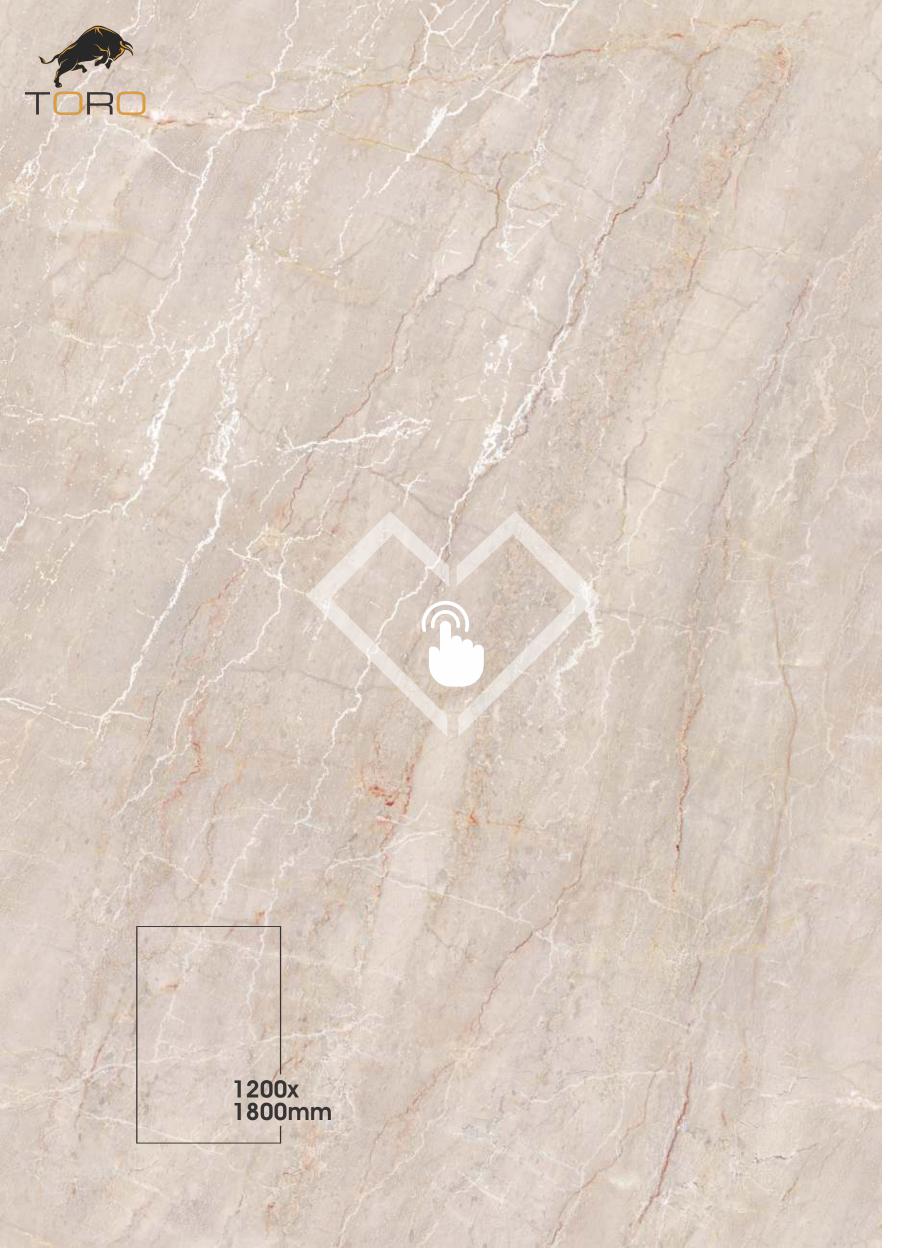


IMPIRO NATURAL

Finish

Matt Carving - End Match & Also Available in Rustic Matt



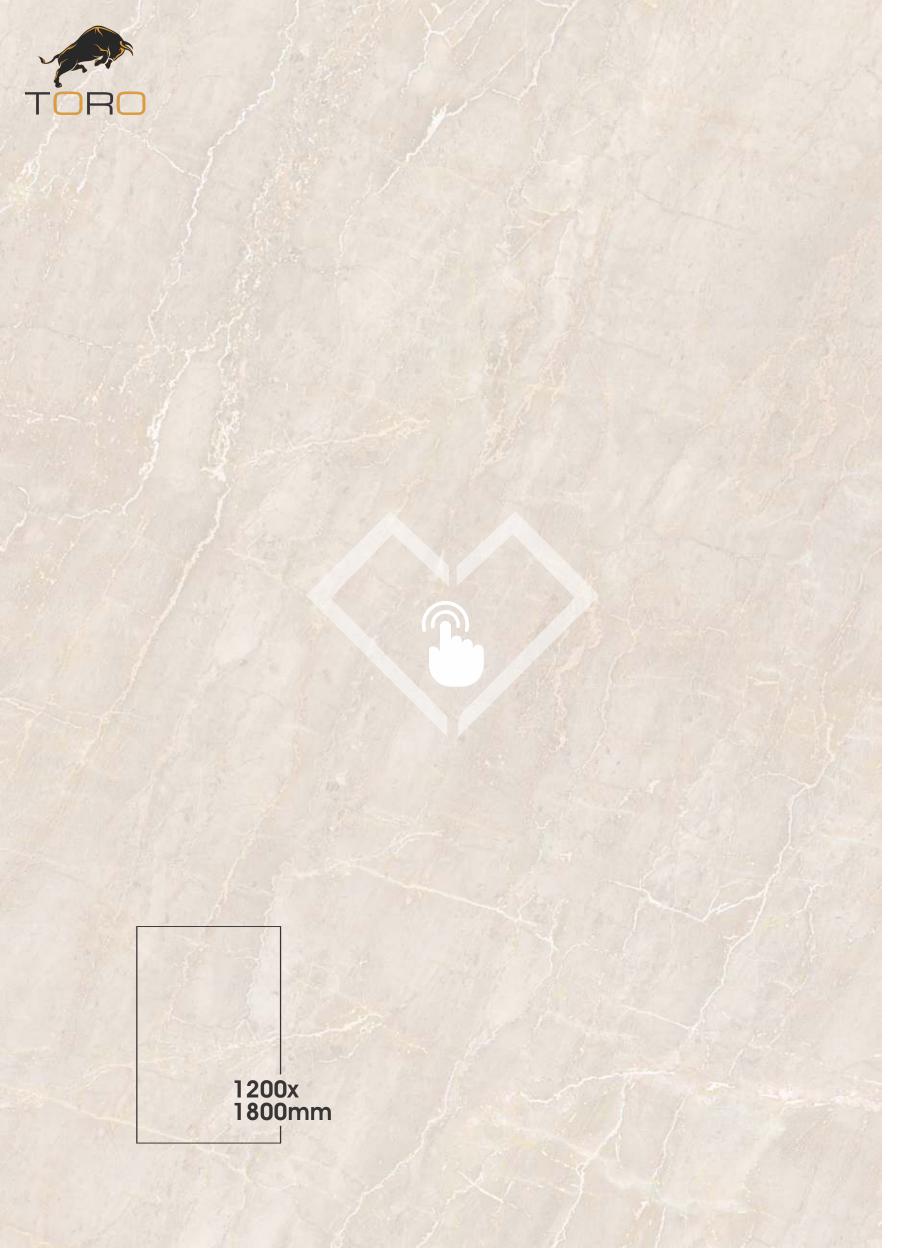


LAVEZZI BROWN

Finish

Matt Carving - End Match & Also Available in Rustic Matt



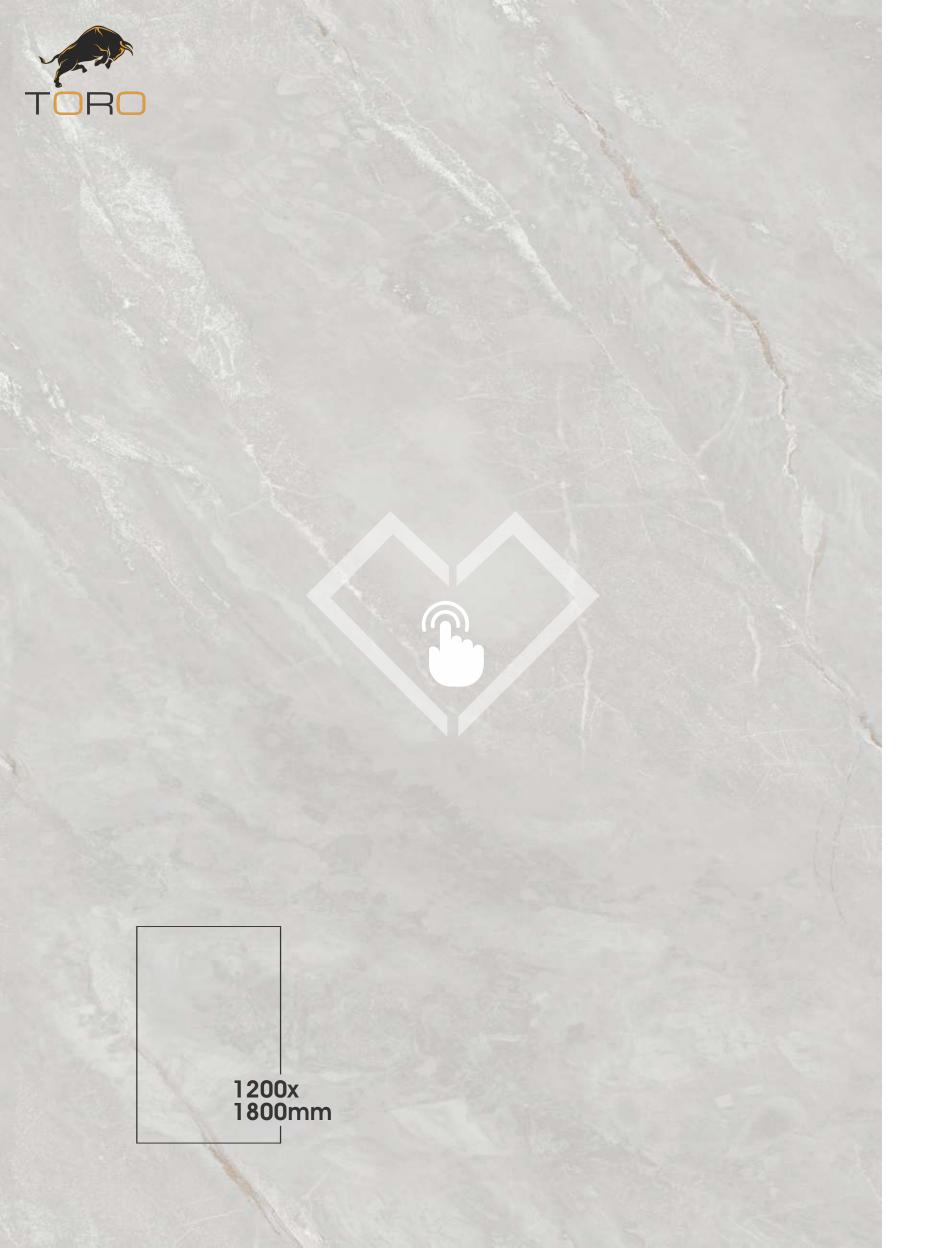


LAVEZZI CREMA

Finish







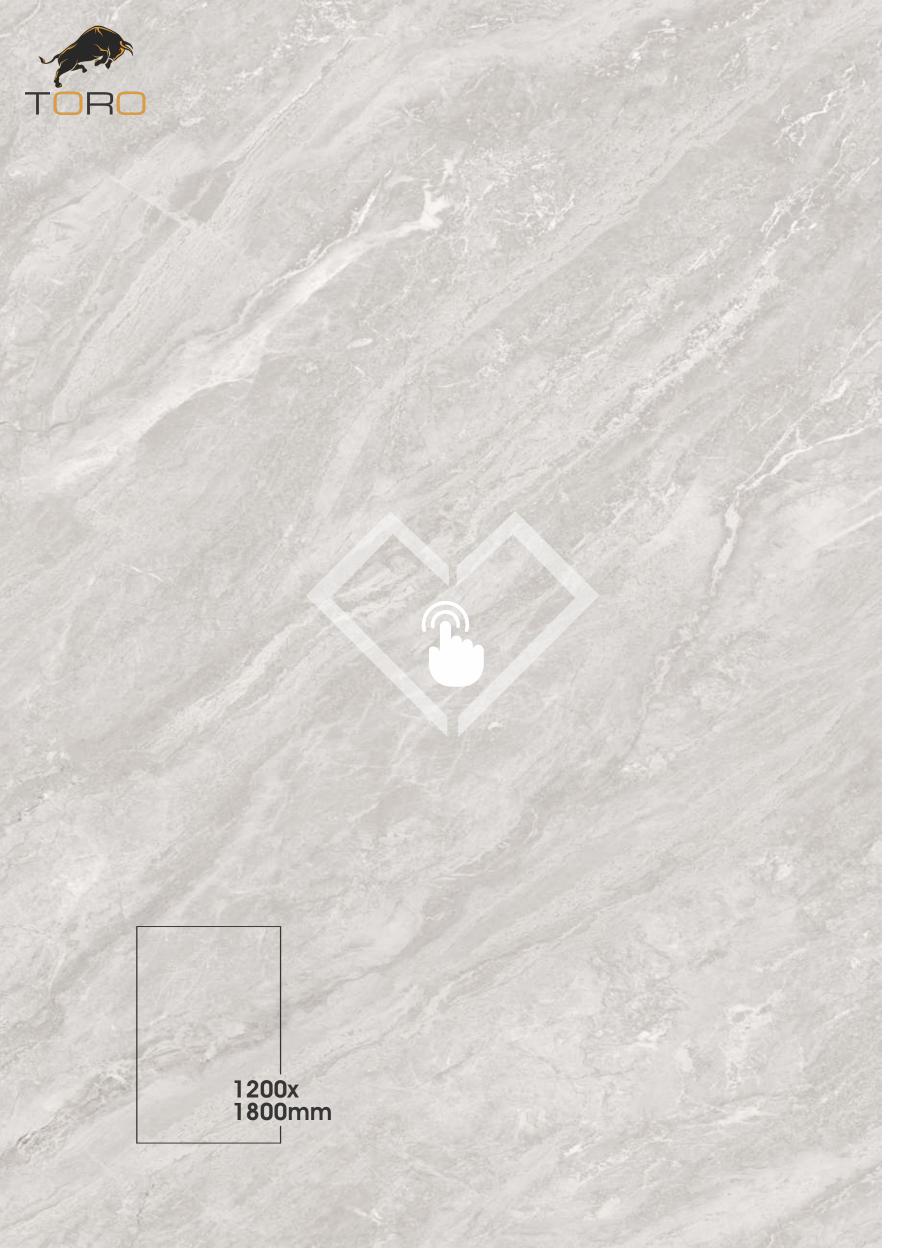
LAYON CHIARO

Finish

Matt Carving - End Match & Also Available in Rustic Matt







METRA SANDY

Finish





METRA SOOTY

Finish

Matt Carving - End Match & Also Available in Rustic Matt

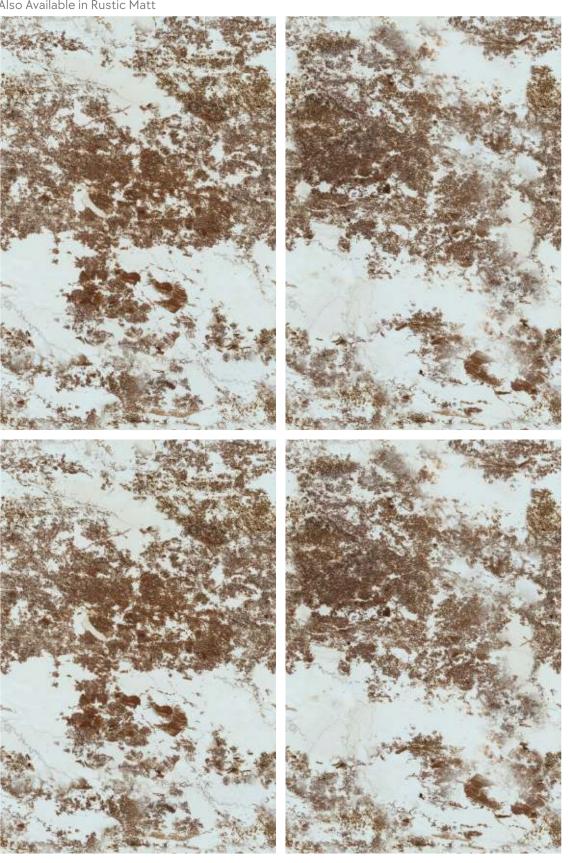


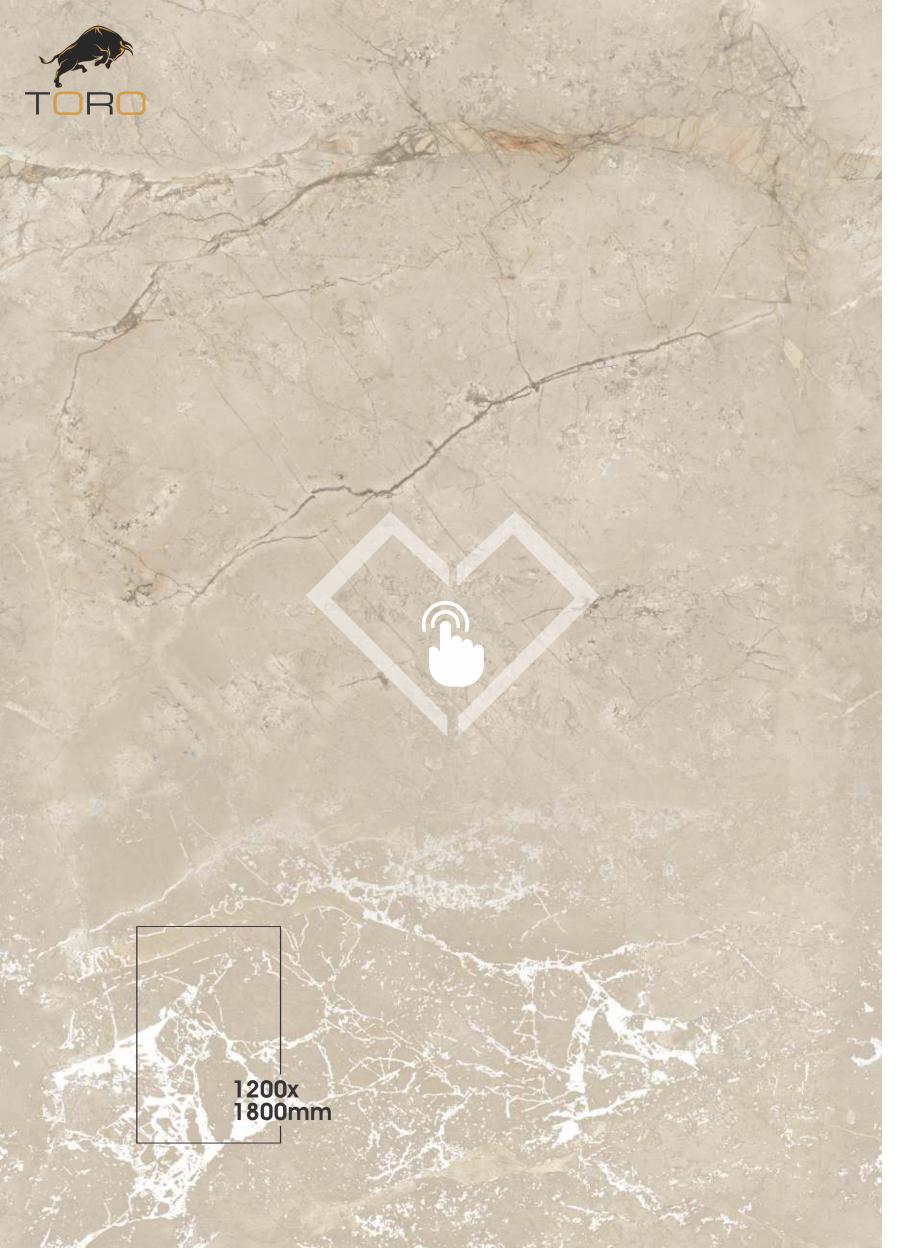


RUSTED BROWN

Finish

Matt Carving - End Match & Also Available in Rustic Matt

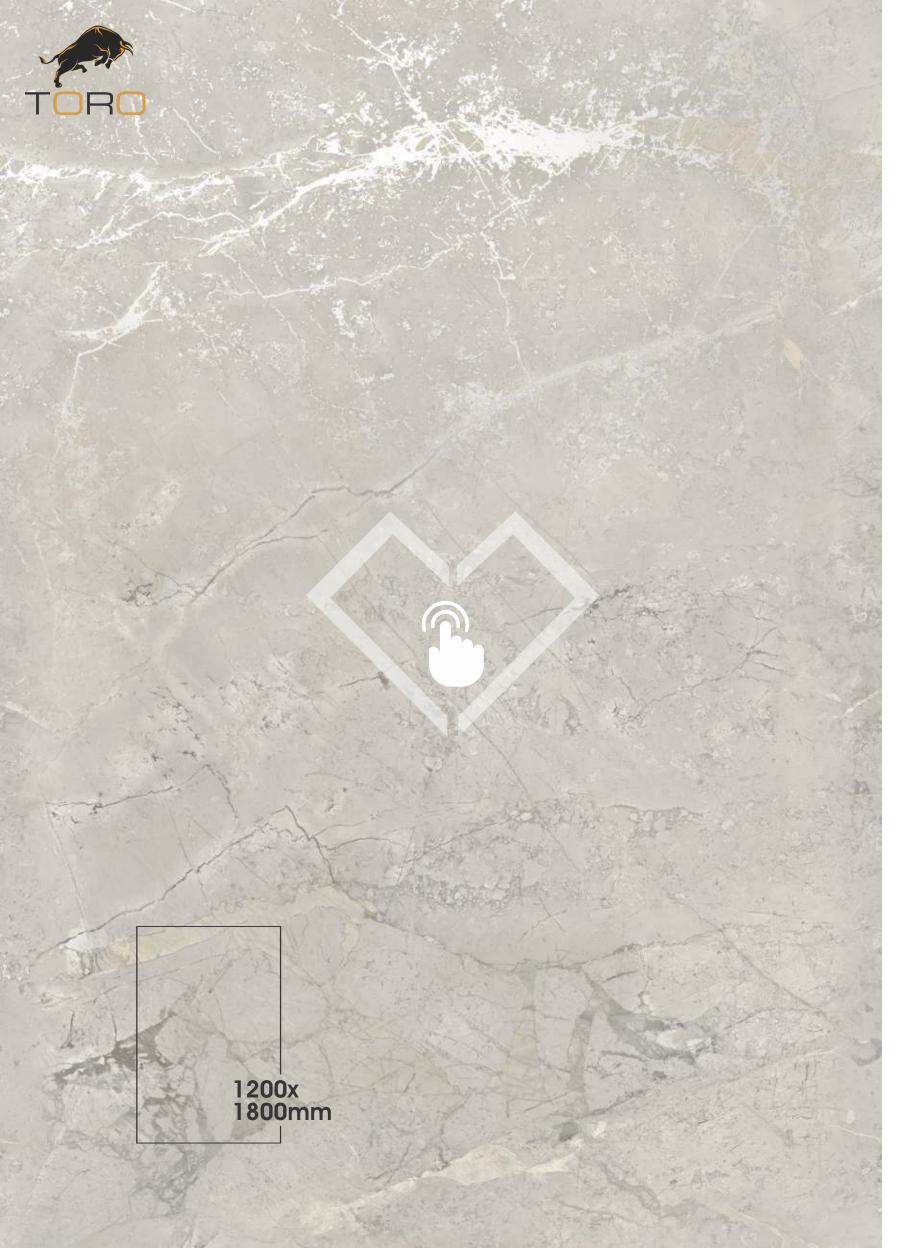




SIDRA BEIGE

Finish





SIDRA GREY

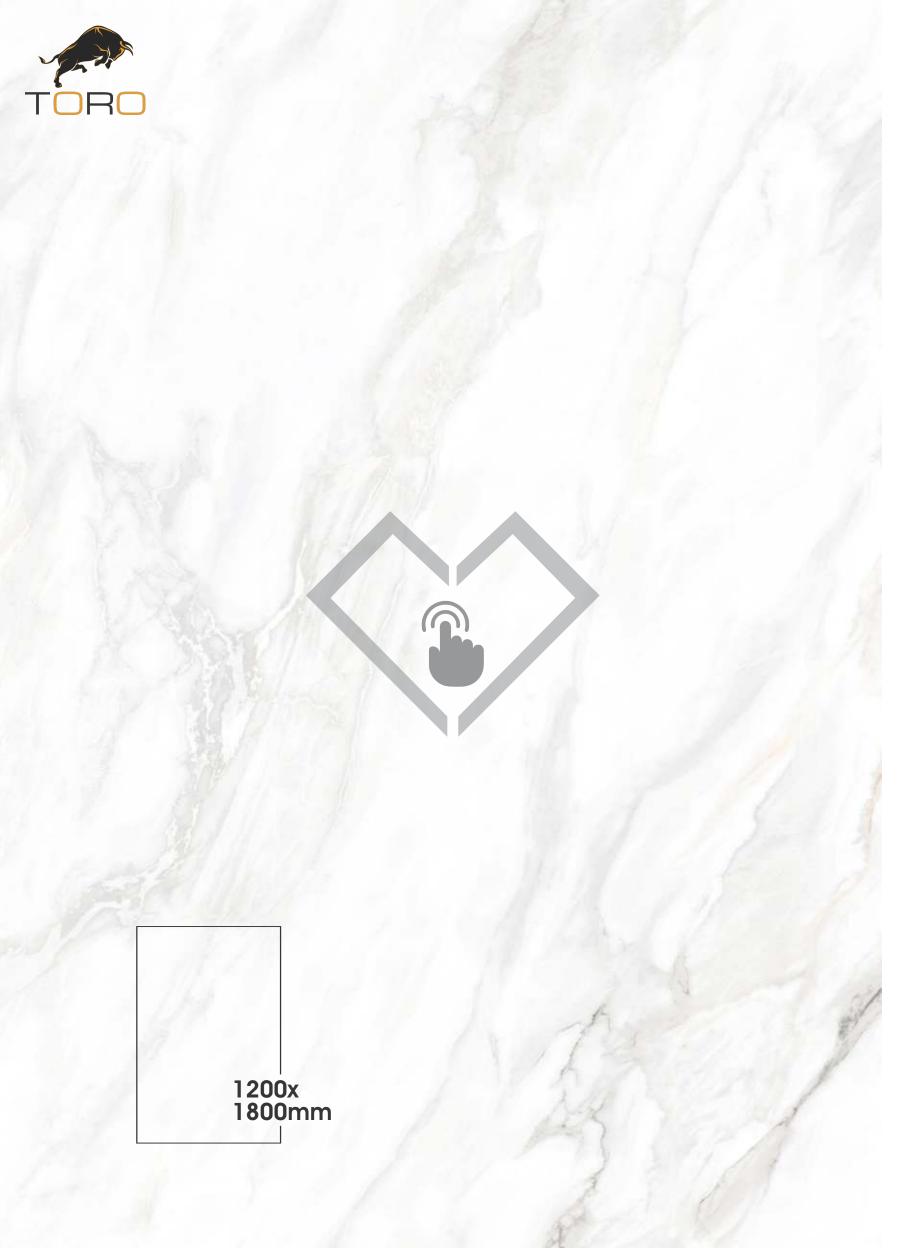
Finish

Matt Carving - End Match & Also Available in Rustic Matt



Random **02**

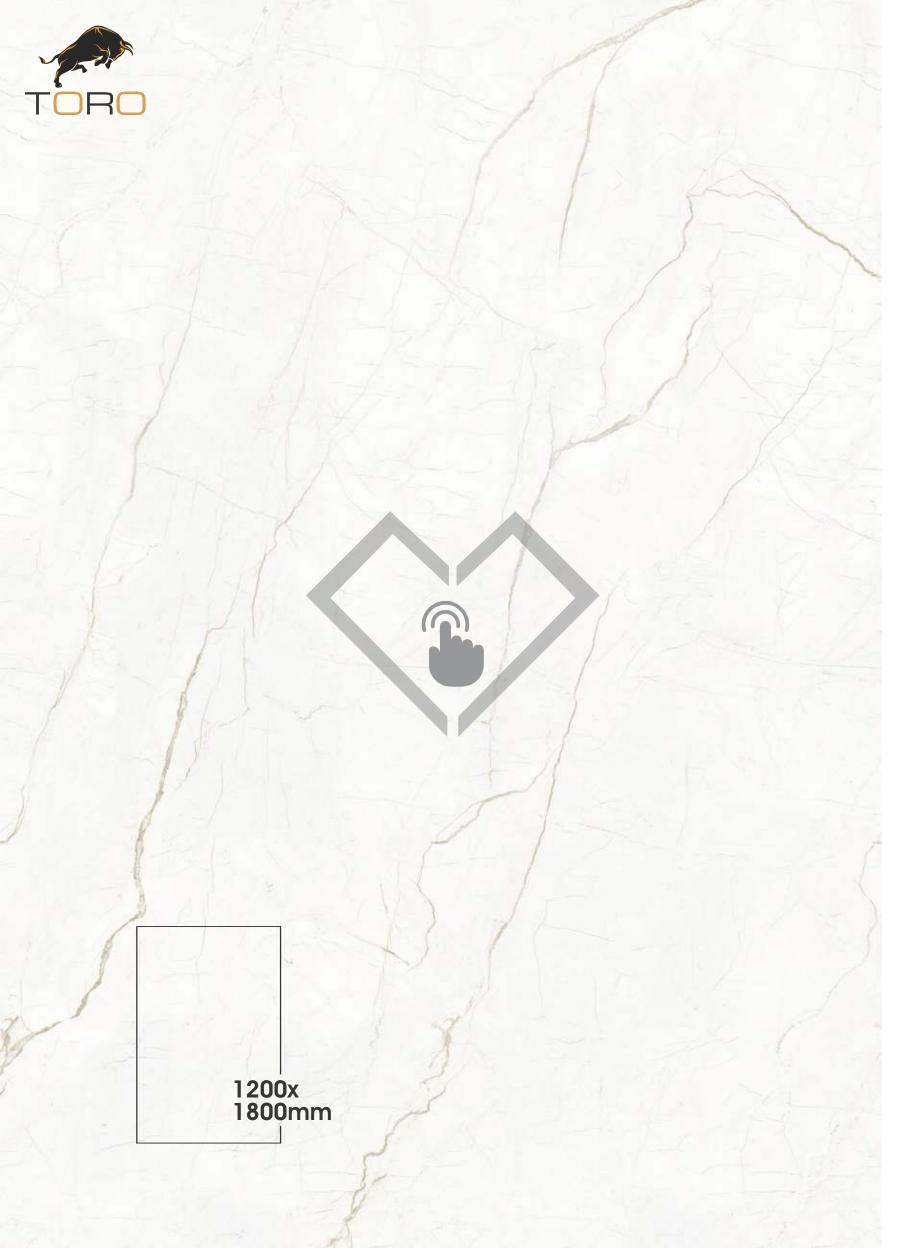




STATUARIO BOSTON

Finish

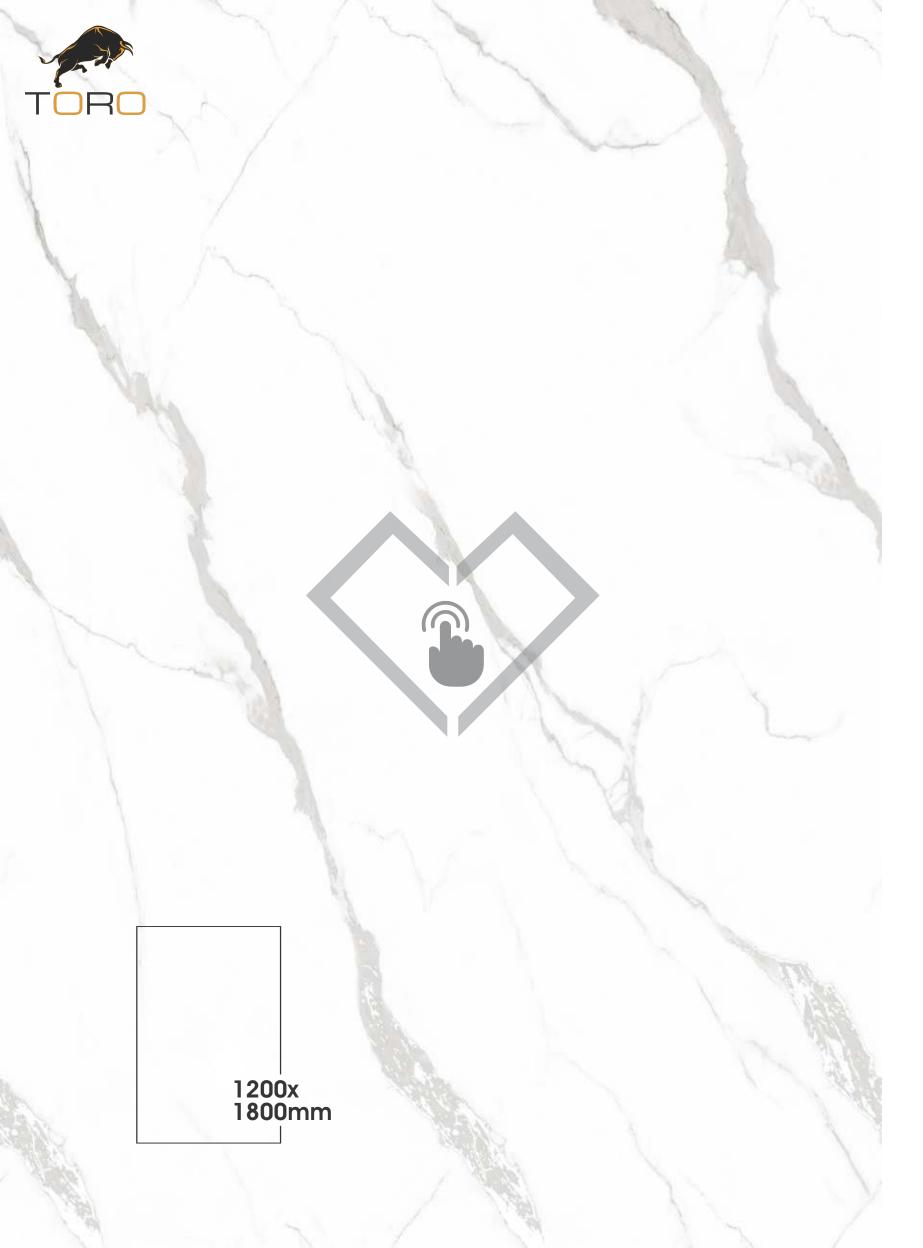




STATUARIO GRID

Finish





STATUARIO VISCO

Finish



Technical Specifications

CHARACTERISTICS	STANDARD AS PER ISO-13006/EN14411	MEAN VALUE OF PGVT	MEAN VALUE OF GVT	TEST METHOD	
	GROUP BIA	MEAN VALUE OF FOUR	MEXITY VICES OF SVI	TECT 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	Min. 40 N/mm ₂	Min. 40 N/mm ₂	ISO-10545-4	
Breaking strength	Min. 1300 N	in. 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			ISO-10545-10	
Thermal expansion (COE)	ax. 9.0x10₅	Max. 6.5x10₅	Max. 6.5x10₅	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	Resisant	Resistant	Resistant	ISO-10545-14	
SAFETY PROPERTIES					
Slip resistance	as per mfg.	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	

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

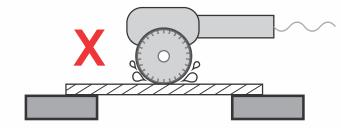
As long as the technical capacity of the cutting machine allows it, it is advisable to finish all the cuts towards the edge of the slab and avoid all the endings at the central area of the slab.

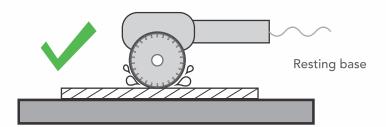
Cutting stresses

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

