

THALAM™
A brand of GIO



EXTREMA

15MM | 18MM

800X2400MM

EXTREMA

It's **AMALGAMATION** of
PURE SOUL, MAGICAL BODY, FINEST SKIN

In Extrema, we have created homogeneous
construct of tiles that fit heterogeneous surfaces.

In order to create such a tile, we invented new
process which we call

HEP (Homogeneous Construct Process)

In this process, all dimensions of tiles are covered
instead of just the top.



15mm & 18mm



OUTSTANDING COMBINATION OF
STRENGTH & BEAUTY

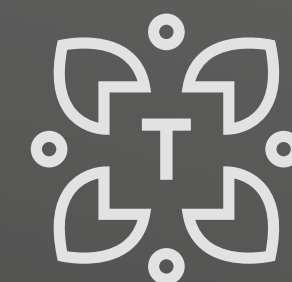


THICKNESS
15mm & 18mm

MAXIMIZE YOUR ASPIRATION

Classic slabs for classic applications.

800 x 2400 MM



THALAM™
A brand of GIO

The great selection for finishes and shades, which provide the amalgamation of extraordinary surface and designs which enhance your home and work ambience. Excellent, versatile raw materials create a new form to surfaces, offering versatile solutions to those who wish to live in naturally elegant environments and feel urban luxury.

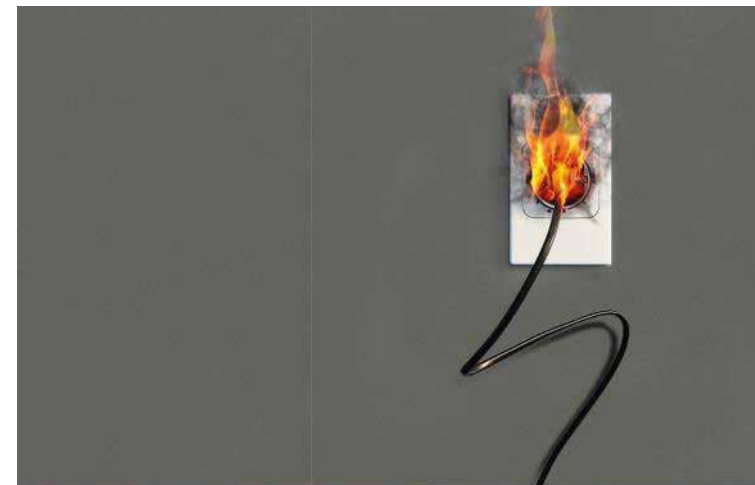
FEATURES

THAT MAKE US AWESOME

SCRATCH RESISTANT



FIRE RESISTANT



STAIN RESISTANT



FROST RESISTANT



GERM PROOF



WATER RESISTANT

APPLICATIONS

THAT MAKE YOU EXCLAIM 'WOW'



KITCHEN TOPS
COUNTER TOPS



WORK DESK



STAIR CASES



TABLE TOP
FURNITURE



WINDOW
DOOR SILL



HEAVY TRAFFIC AREA

EXTREMA

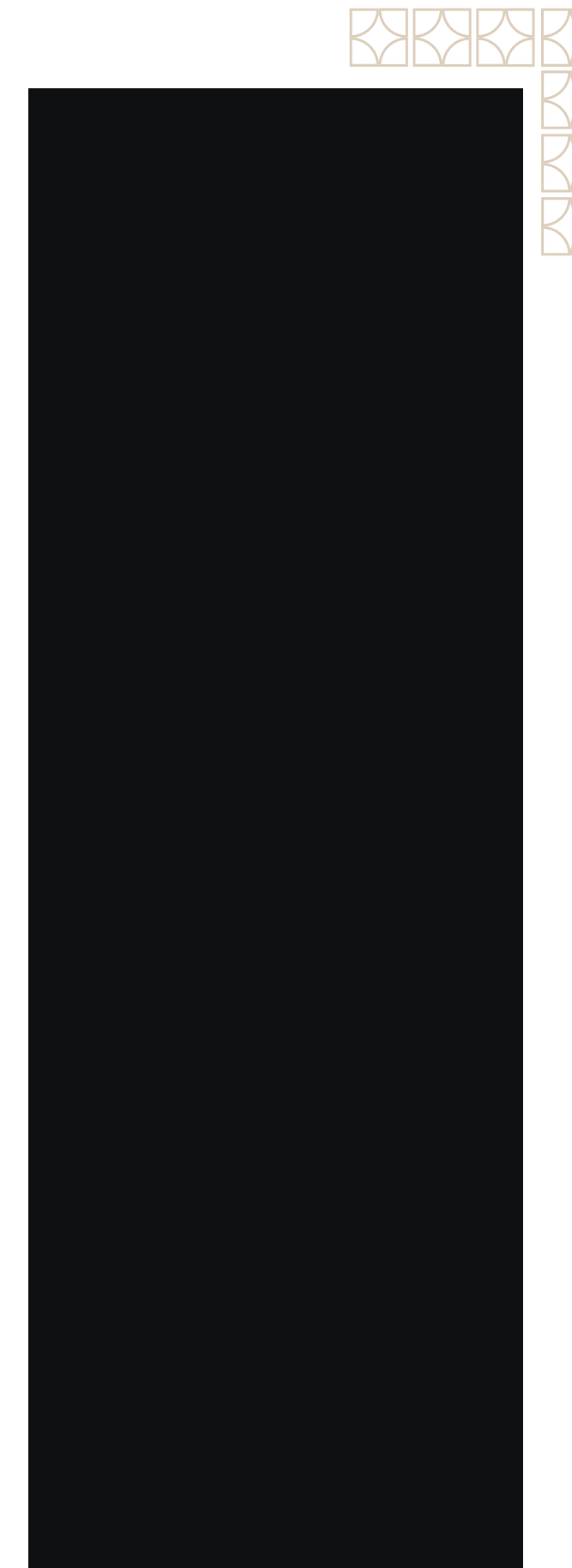
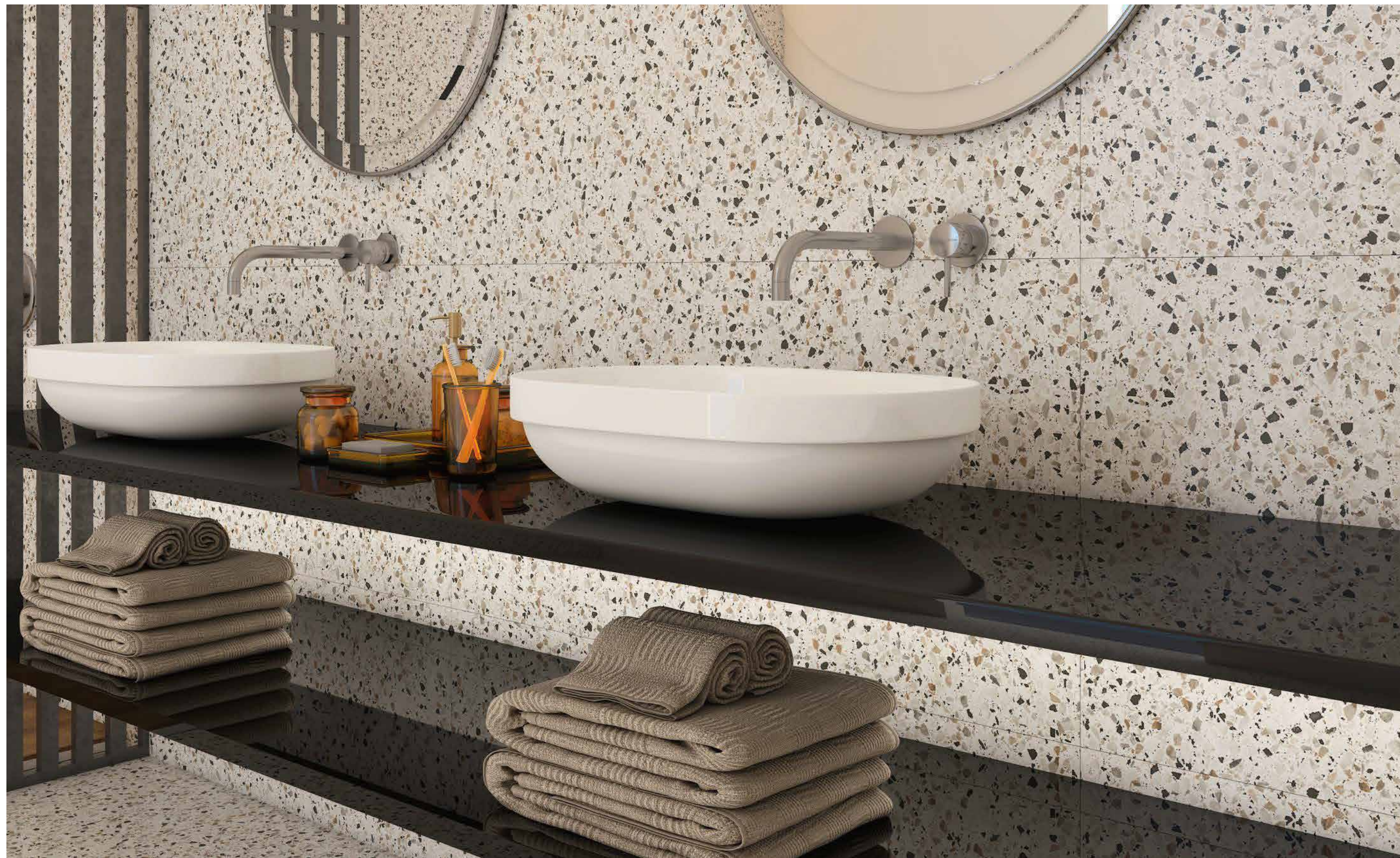
CRYSTAL
S E R I E S

— 800X2400MM —

POLISHED MATT



800X2400MM | **CRYSTAL**



CRYSTAL NANO BLACK

THICKNESS 15mm | 18mm FINISH Polished

800X2400MM | CRYSTAL



CRYSTAL NANO WHITE

THICKNESS 15mm | 18mm FINISH Polished

800X2400MM | **CRYSTAL**



CRYSTAL NANO BLACK

THICKNESS 15mm FINISH Polished

800X2400MM | **CRYSTAL**



CRYSTAL NANO IVORY

THICKNESS 15mm FINISH Polished

800X2400MM | **CRYSTAL**



CRYSTAL NANO JAISALMER



THICKNESS 15mm **FINISH Polished**

800X2400MM | **CRYSTAL**



CRYSTAL NANO WALNUT

THICKNESS 15mm FINISH Polished

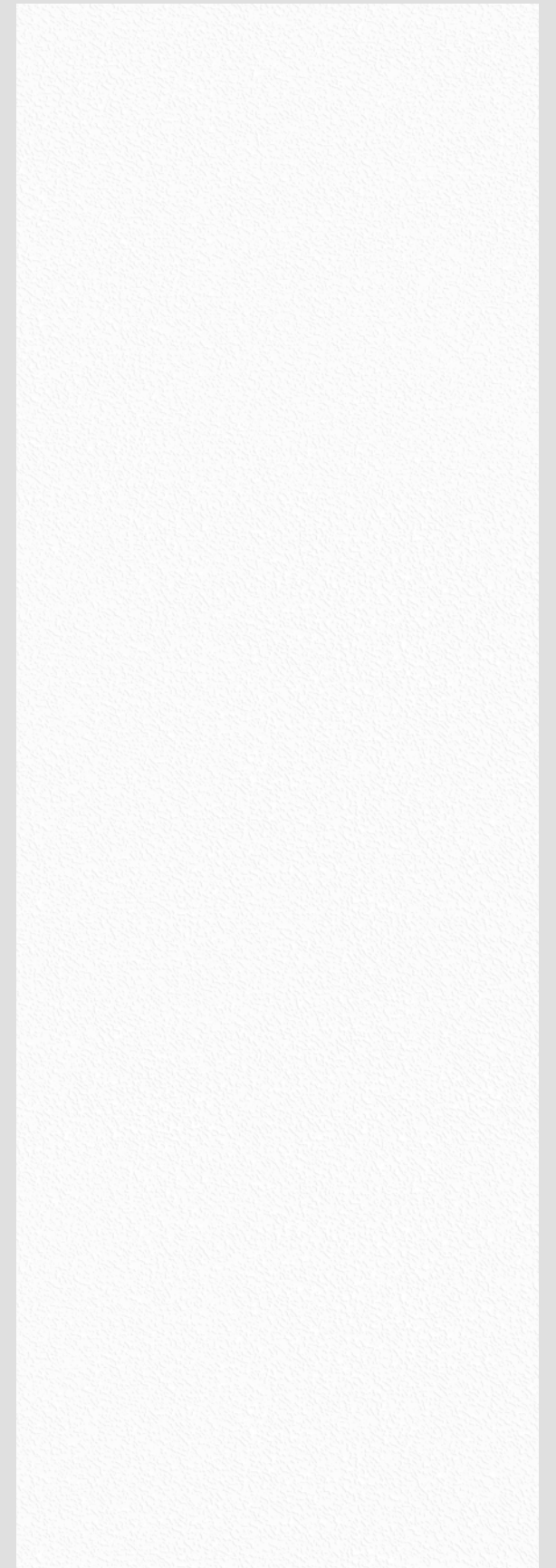
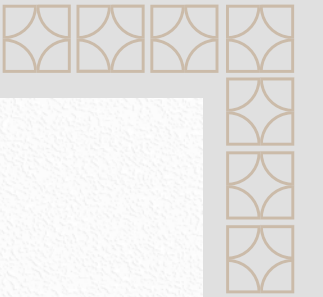
800X2400MM | **CRYSTAL**



CRYSTAL NANO BROWN

THICKNESS 15mm FINISH Polished

800X2400MM | **CRYSTAL**



CRYSTAL MATT WHITE

THICKNESS **15mm** FINISH **Matt**

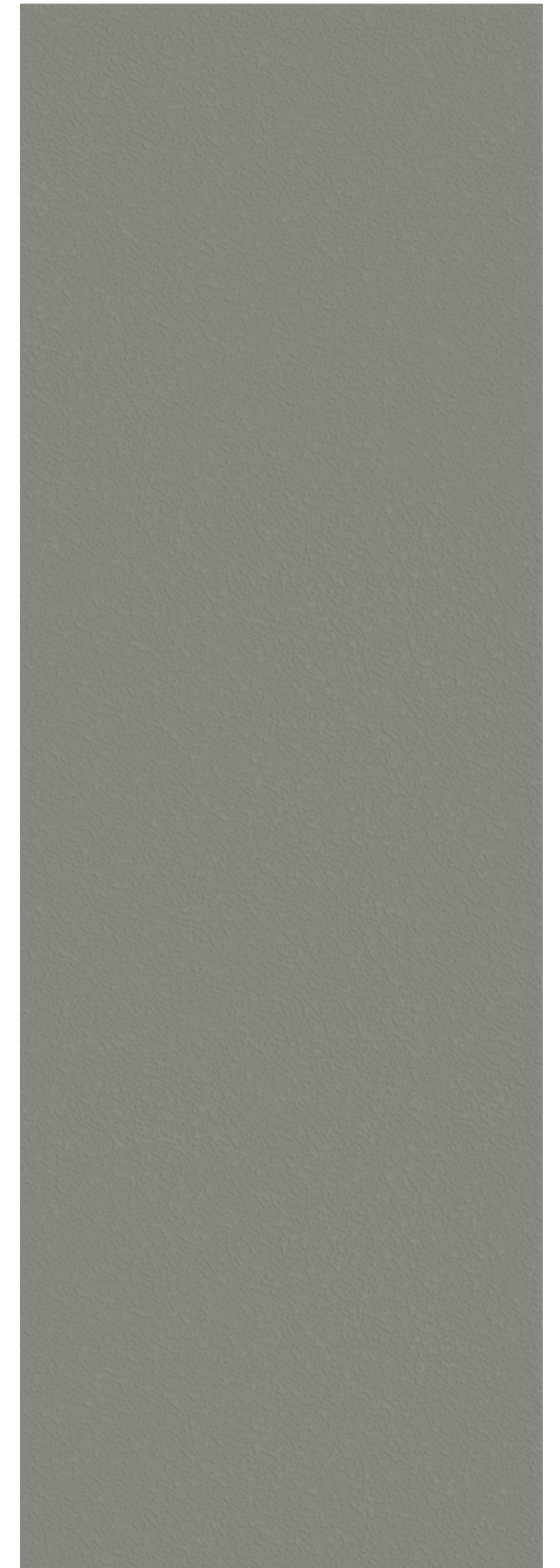
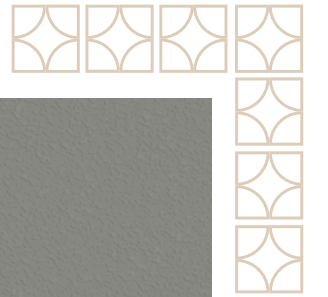
800X2400MM | CRYSTAL



CRYSTAL MATT BLACK

THICKNESS 15mm FINISH Matt

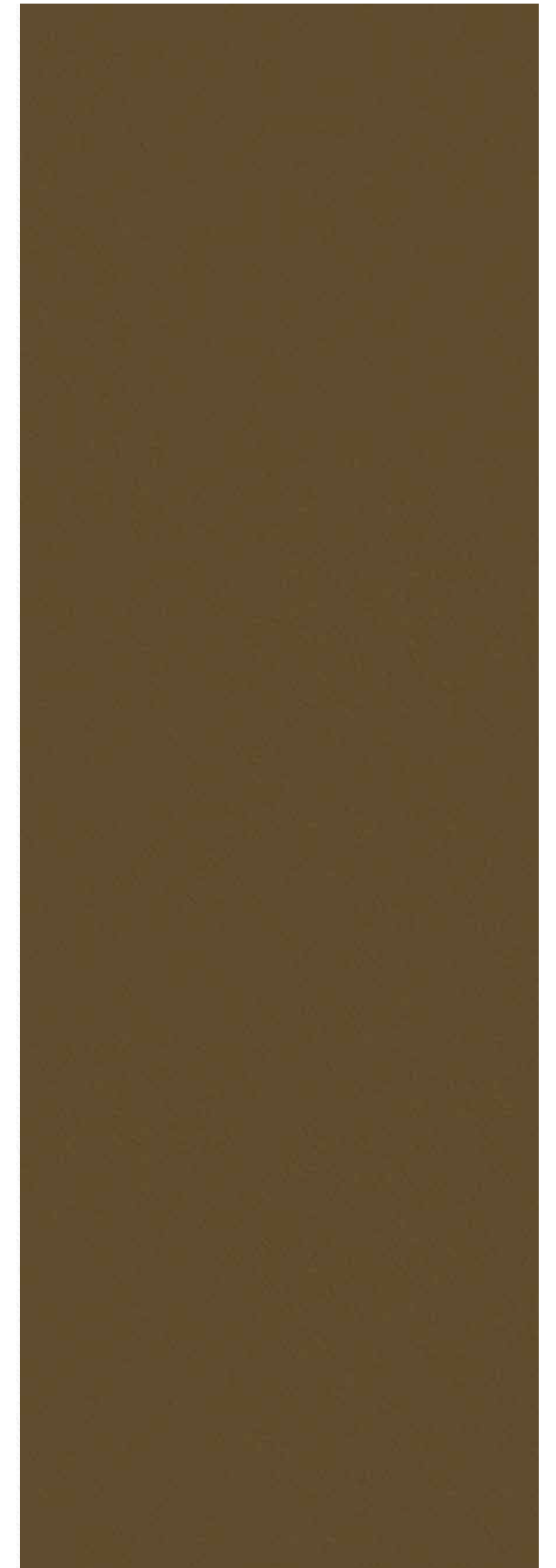
800X2400MM | **CRYSTAL**



CRYSTAL MATT GREY

THICKNESS 15mm FINISH Matt

800X2400MM | **CRYSTAL**



CRYSTAL MATT BROWN

THICKNESS 15mm FINISH Matt

800X2400MM | **CRYSTAL**



CRYSTAL CLASSIC WHITE

THICKNESS 15mm FINISH Polished

EXTREMA

STONE
SERIES

— 800X2400MM —

POLISHED MATT



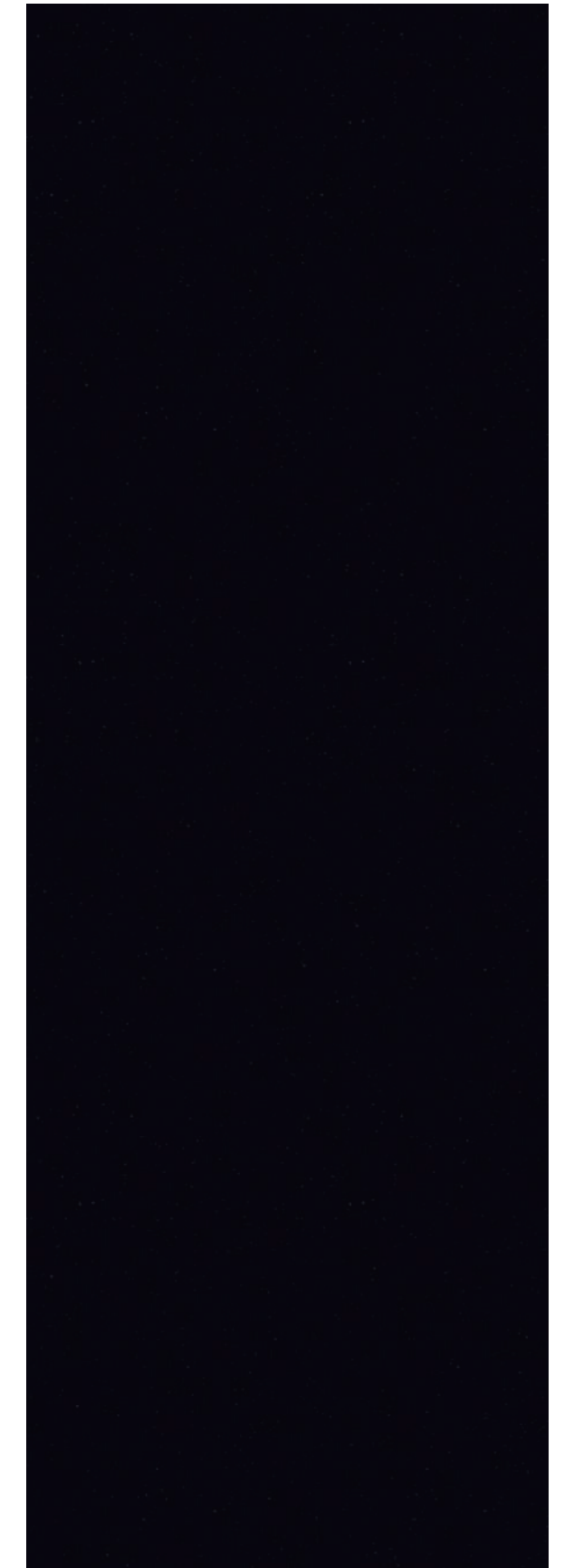
800X2400MM | **STONE**



CRYSTAL STONE BIANCO

THICKNESS 15mm FINISH Polished

800X2400MM | **STONE**



CRYSTAL STONE NERO

THICKNESS 15mm FINISH Polished

800X2400MM | **STONE**



CRYSTAL STONE GRIS

THICKNESS 15mm FINISH Polished

EXTREMA

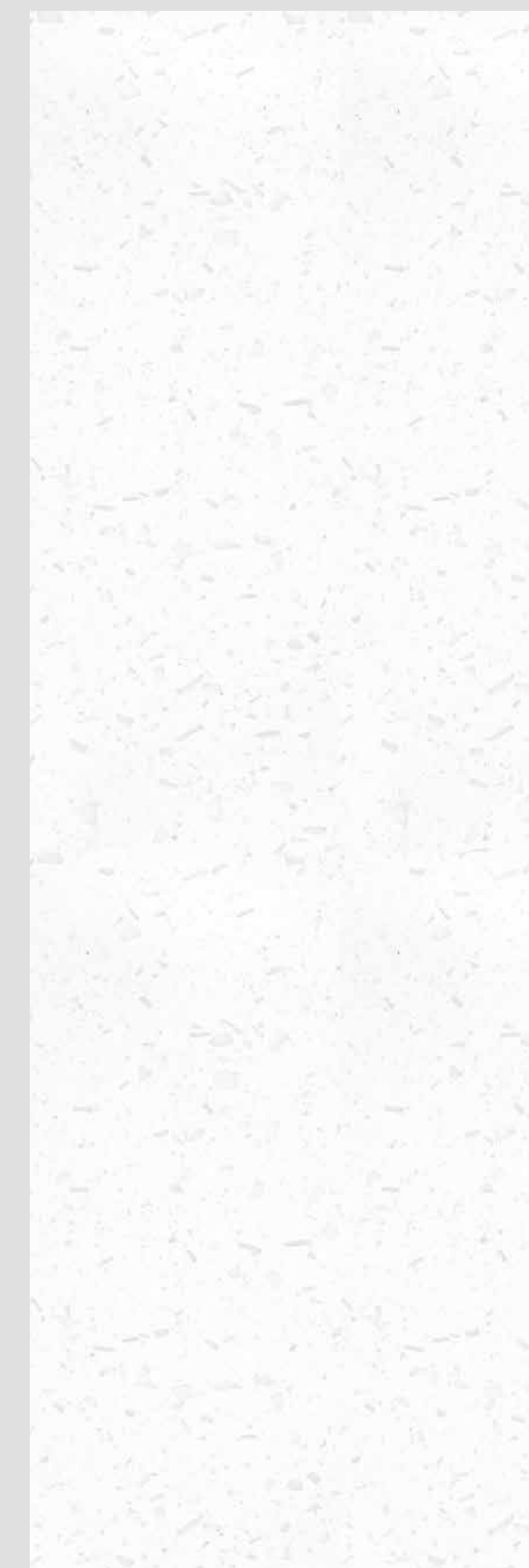
ICE
SERIES

— 800X2400MM —

POLISHED MATT



800X2400MM | **ICE**



ICE WHITE

THICKNESS 15mm | 18mm **FINISH** Polished

EX TREMA

**COSMIC
S E R I E S**

— 800X2400MM —

POLISHED MATT



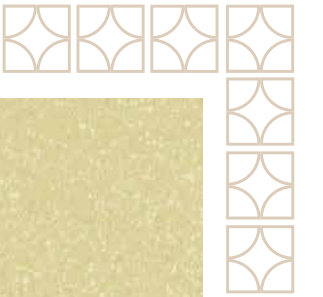
800X2400MM | COSMIC



COSMIC GREY

THICKNESS 15mm FINISH Polished

800X2400MM | **COSMIC**



COSMIC CREMA

THICKNESS 15mm FINISH Polished

800X2400MM | **COSMIC**



COSMIC BROWN

THICKNESS 15mm FINISH Polished

800X2400MM | **COSMIC**



COSMIC ALMOND

THICKNESS 15mm FINISH Polished

800X2400MM | **COSMIC**

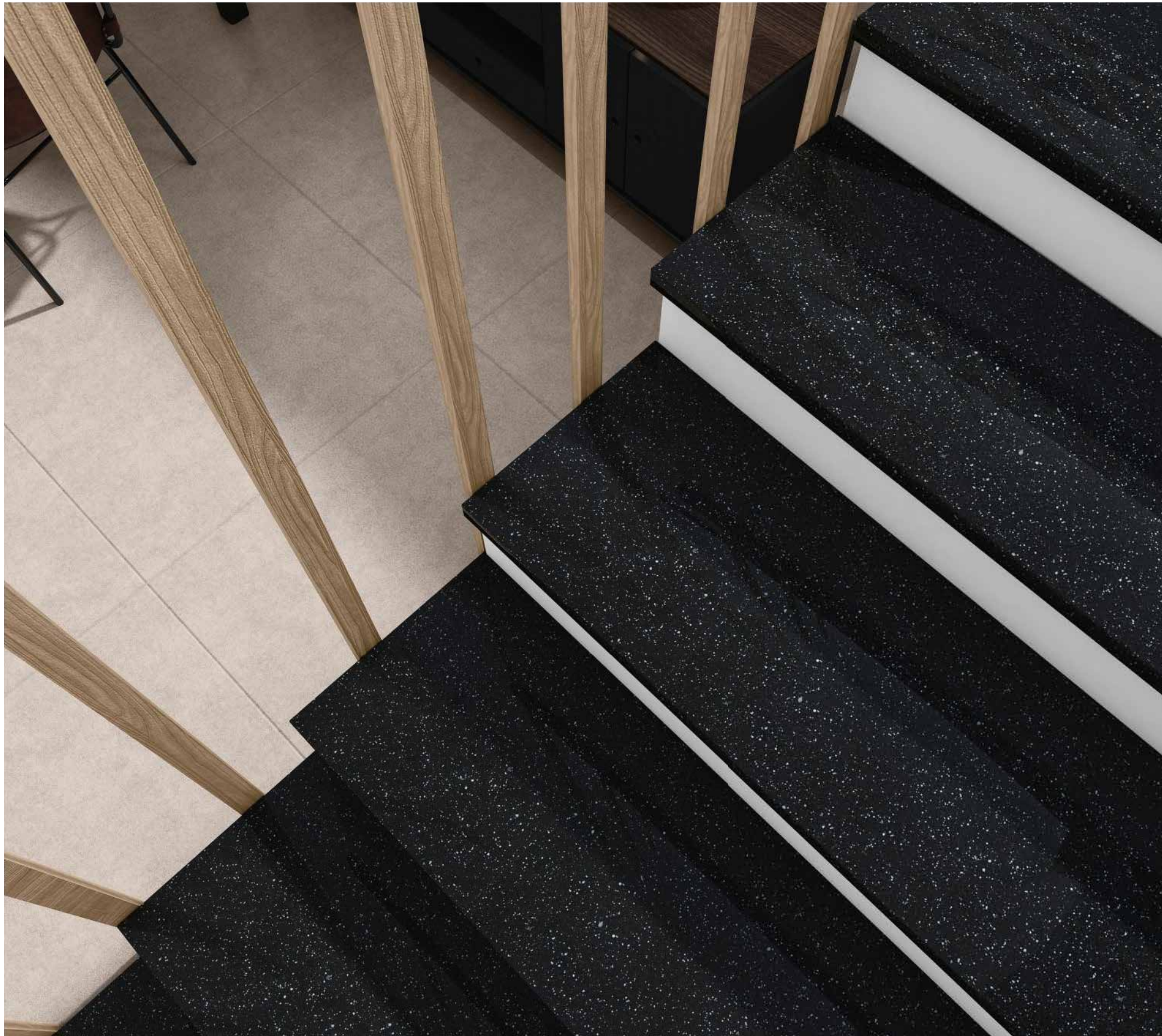


COSMIC WALNUT

THICKNESS 15mm FINISH Polished



800X2400MM | **COSMIC**



COSMIC BLACK

THICKNESS 15mm **FINISH Polished**

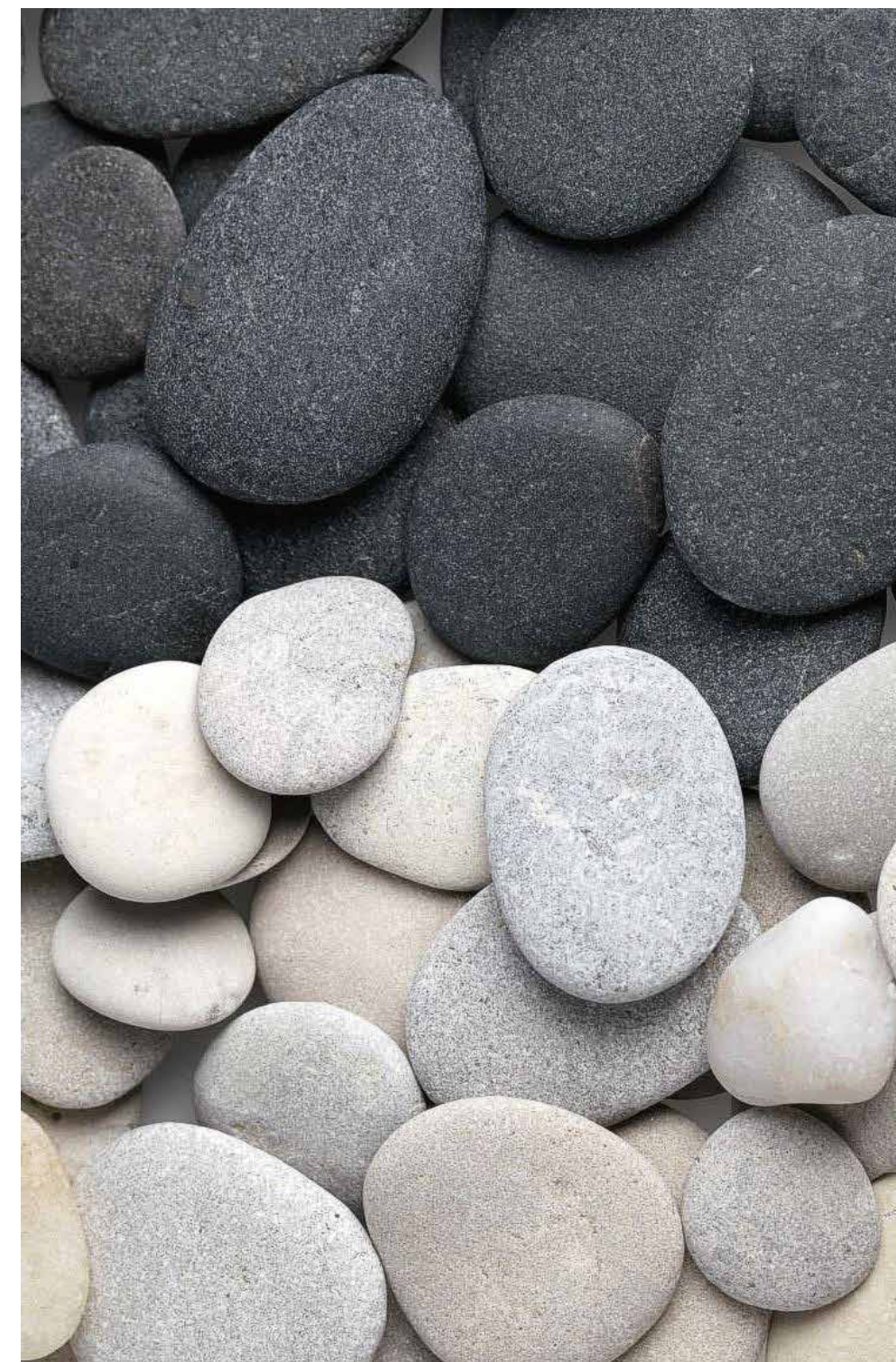


EXTREMA

PEBBLE
SERIES

— 800X2400MM —

CARVING



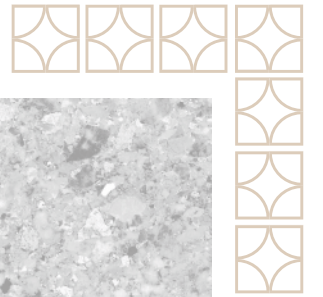
800X2400MM | **PEBBLE**



PEBBLE BLACK

THICKNESS 15mm FINISH Carving

800X2400MM | **PEBBLE**



PEBBLE GREY

THICKNESS 15mm **FINISH Carving**

THICKNESS 15mm **FINISH** Carving

EXTREMA

**SPARKLE
S E R I E S**

— 800X2400MM —

MATT-GLOSS EFFECT



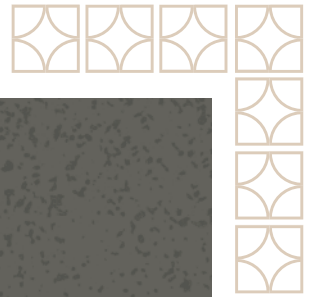
800X2400MM | **SPARKLE**



SPARKLE WHITE

THICKNESS 15mm FINISH Gloss Effect

800X2400MM | **SPARKLE**



SPARKLE GREY

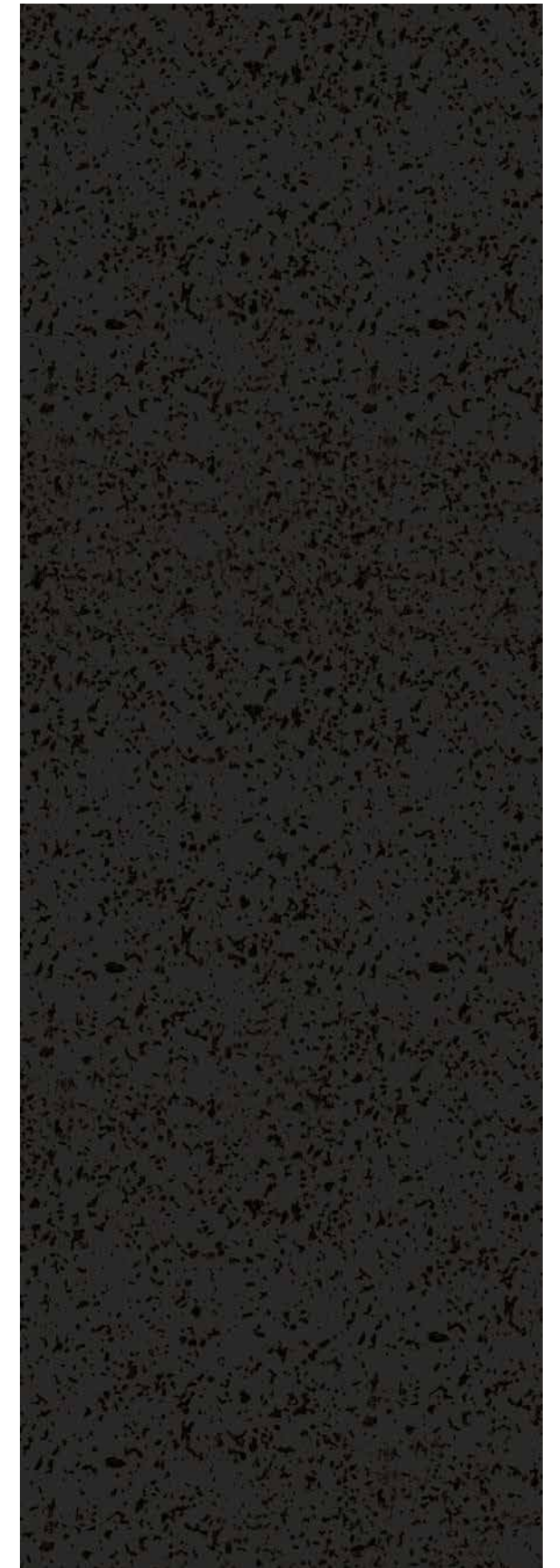
THICKNESS 15mm **FINISH** Gloss Effect

800X2400MM | **SPARKLE**



SPARKLE BLACK

THICKNESS 15mm **FINISH Gloss Effect**



800X2400MM | **SPARKLE**



SPARKLE BROWN

THICKNESS 15mm **FINISH Gloss Effect**

EXTREMA

**MARBLE
S E R I E S**

— 800X2400MM —

POLISHED



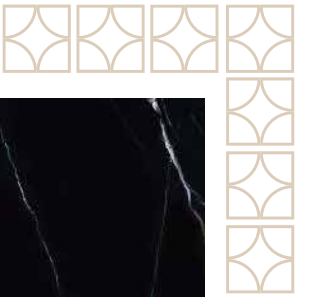
800X2400MM | **MARBLE**



AUSTRAL GOLD

THICKNESS 15mm FINISH Polished

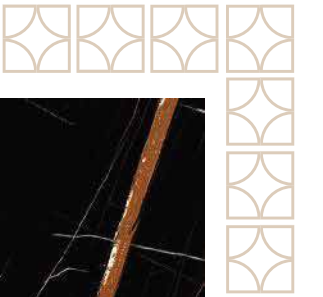
800X2400MM | **MARBLE**



BLACK MARQUINA

THICKNESS 15mm FINISH Polished

800X2400MM | **MARBLE**



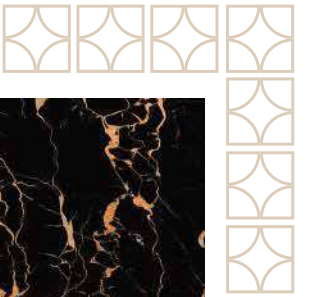
NSL BLACK

THICKNESS 15mm FINISH Polished

800X2400MM | **MARBLE**

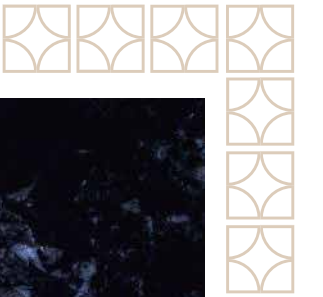


GOLDEN PORTORO



THICKNESS 15mm FINISH Polished

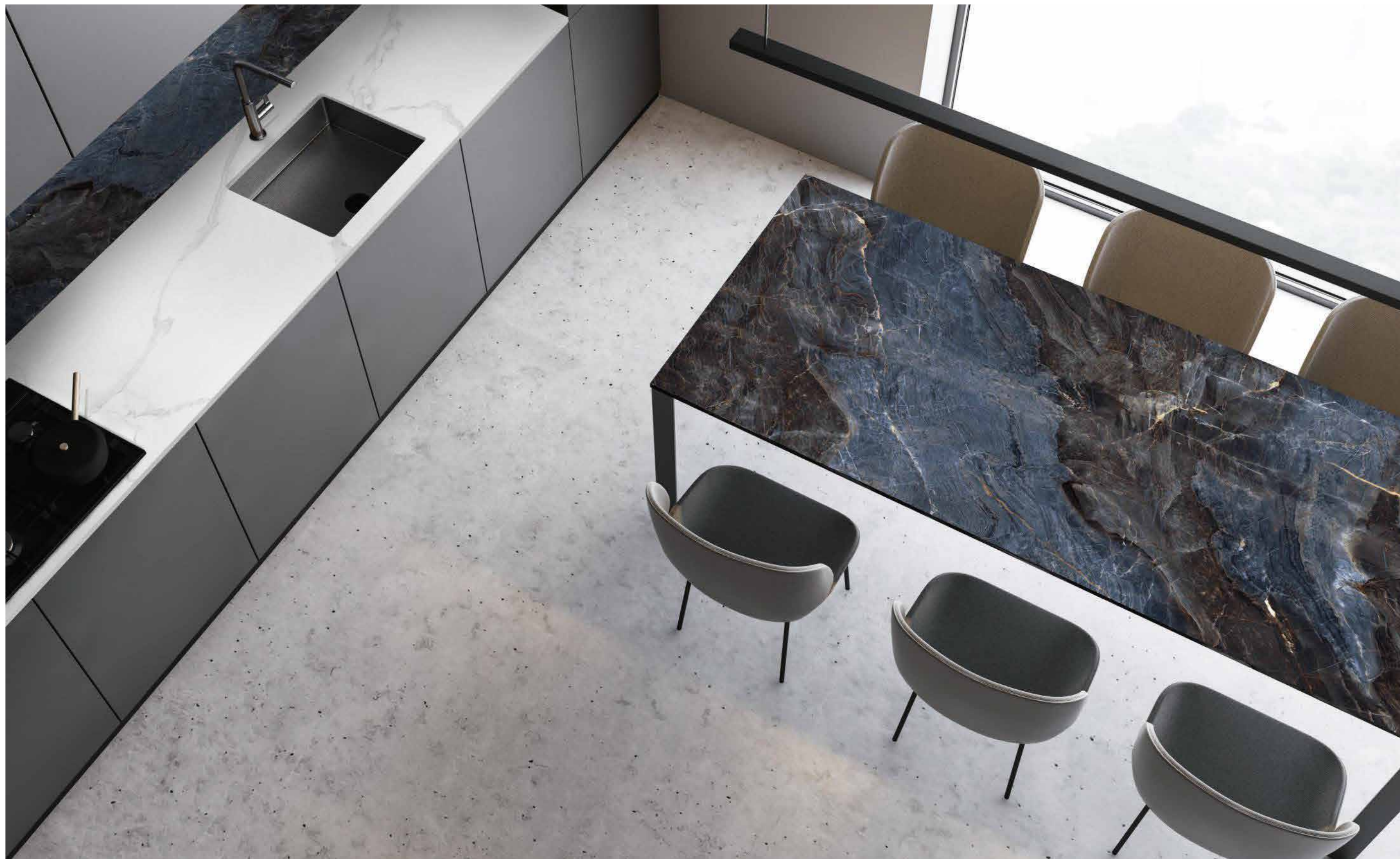
800X2400MM | **MARBLE**



VOLGA BLUE

THICKNESS 15mm FINISH Polished

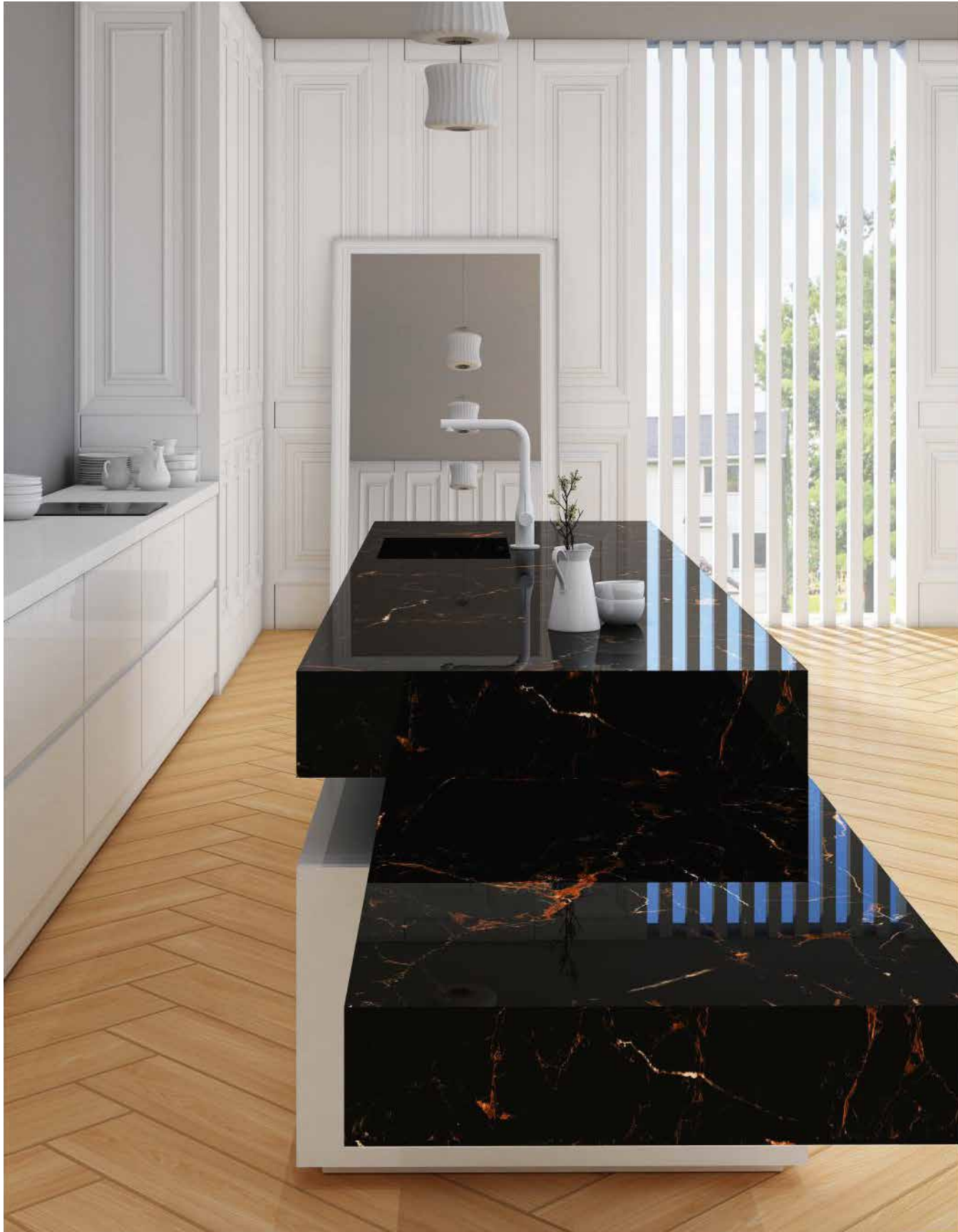
800X2400MM | **MARBLE**



AMAZON BLUE

THICKNESS 15mm FINISH Polished

800X2400MM | **MARBLE**



EMPERADOR GOLD



THICKNESS 15mm **FINISH Polished**

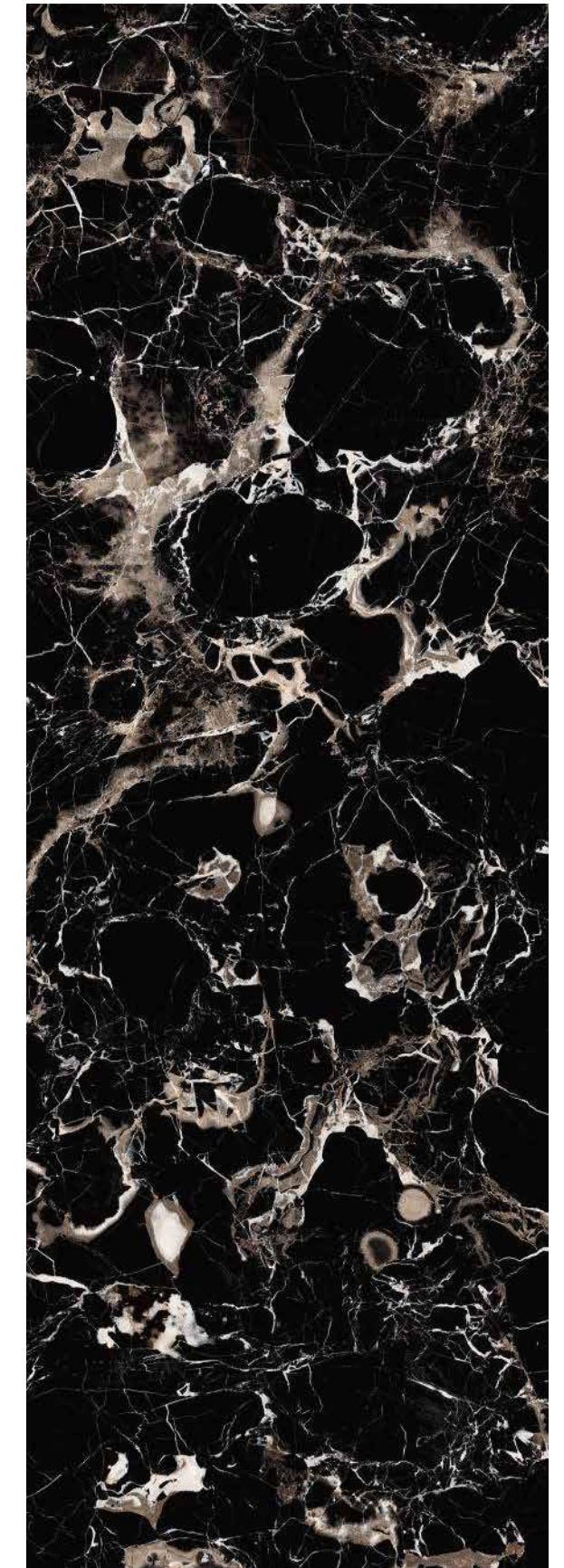
800X2400MM | **MARBLE**



SILVER PORTORO

THICKNESS 15mm **FINISH Polished**

800X2400MM | **MARBLE**



PORTORO ARGENTO

THICKNESS 15mm FINISH Polished

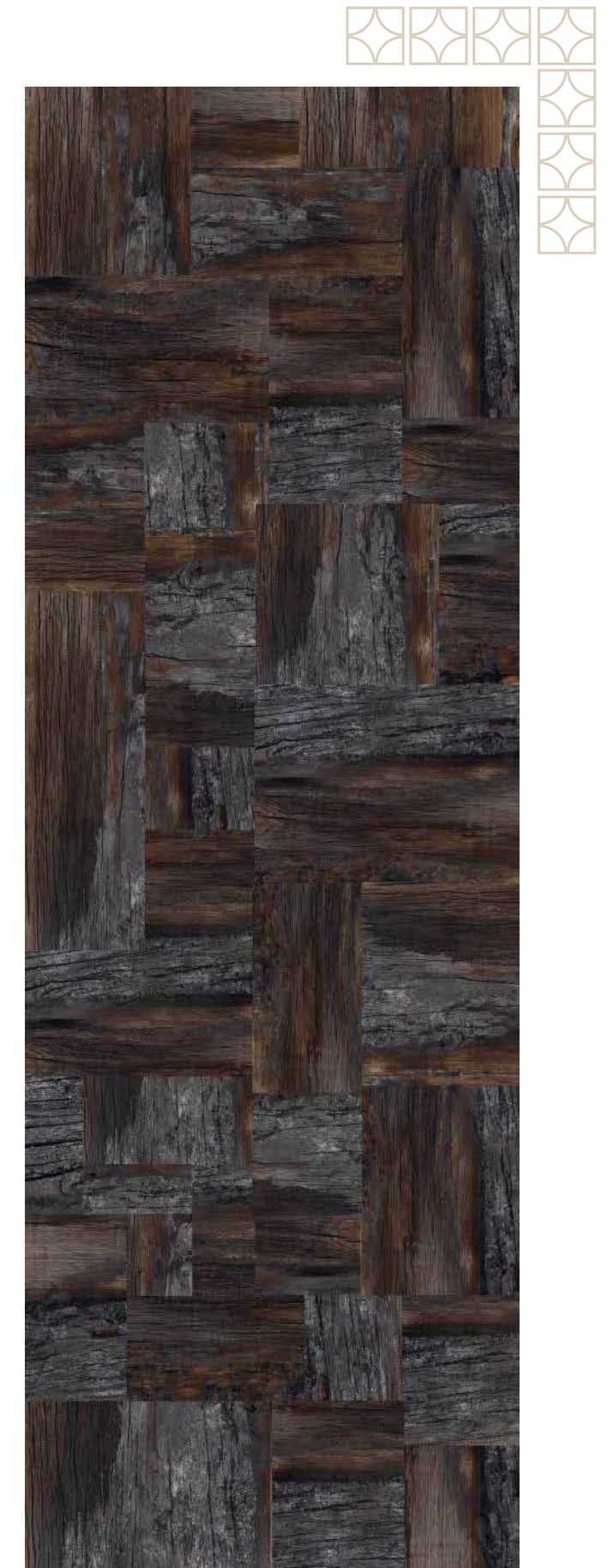
800X2400MM | **MARBLE**



BLACK PEARL

THICKNESS 15mm **FINISH Polished**

800X2400MM | **MARBLE**



BLACK WOOD

THICKNESS 15mm FINISH Polished

800X2400MM | **MARBLE**



BLUE PEARL

THICKNESS 15mm FINISH Polished

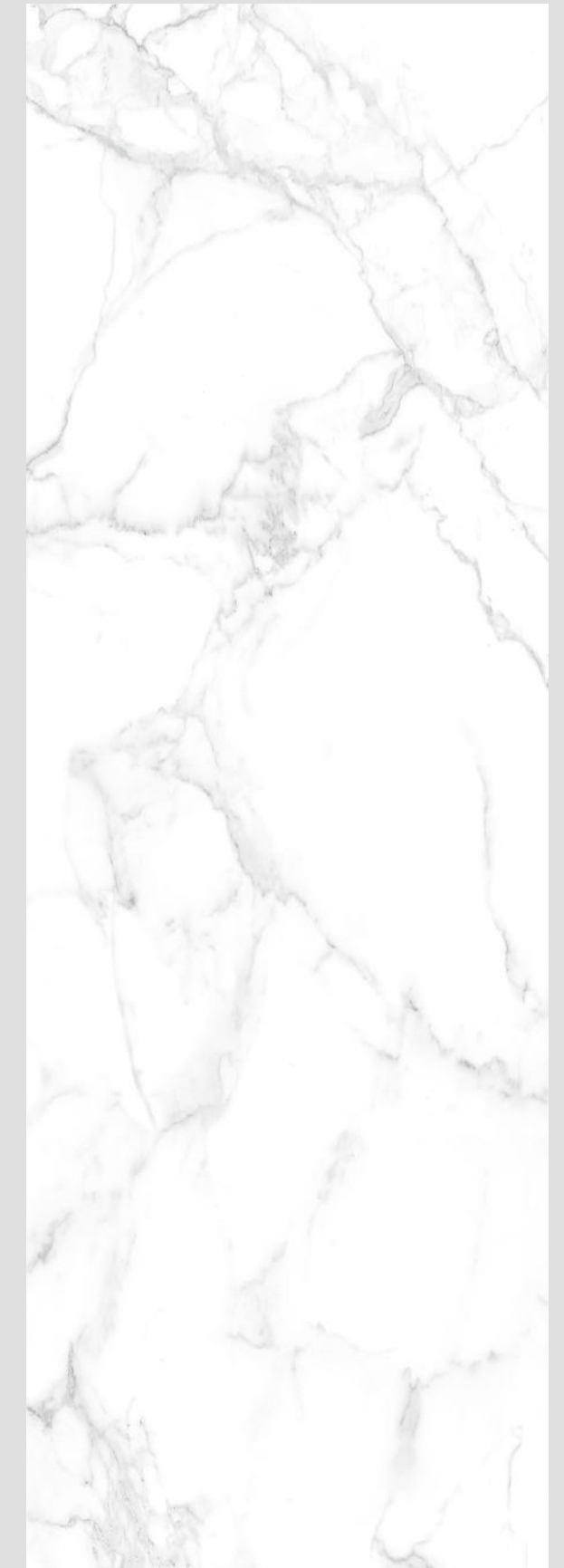
800X2400MM | **MARBLE**



GRAPHITE BLUE

THICKNESS 15mm **FINISH Polished**

800X2400MM | **MARBLE**



ABSOLUTE WHITE

THICKNESS 15mm FINISH Polished

800X2400MM | **MARBLE**



BIANCO PEARL

THICKNESS 15mm **FINISH Polished**

800X2400MM | **MARBLE**



CALACATTA BIANCO

THICKNESS 15mm FINISH Polished

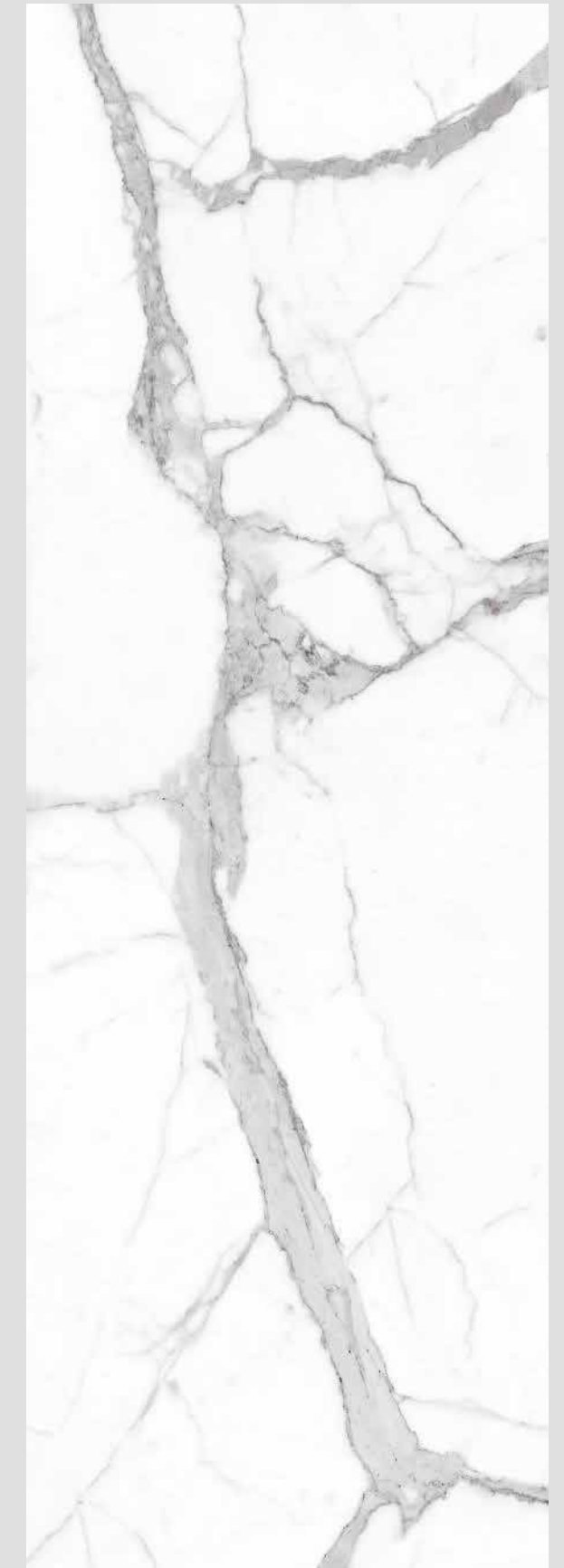
800X2400MM | **MARBLE**



CALACATTA BORGINI

THICKNESS 15mm **FINISH Polished**

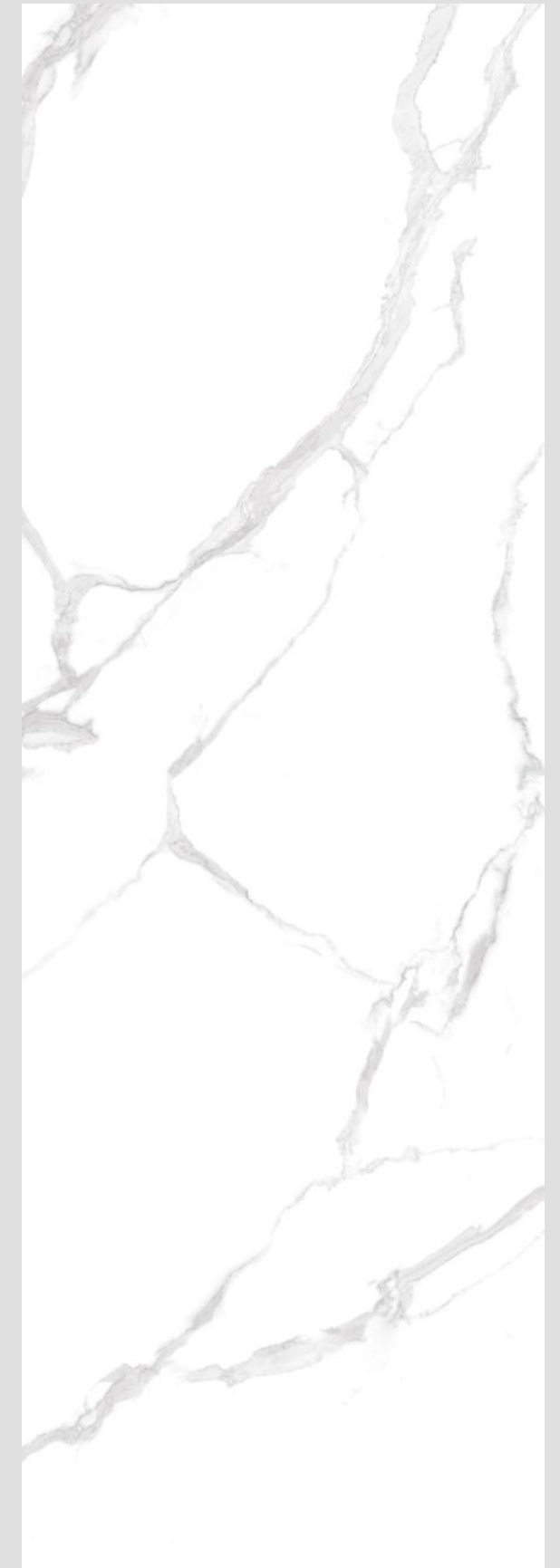
800X2400MM | **MARBLE**



ALPS STATUARIO

THICKNESS 15mm **FINISH Polished**

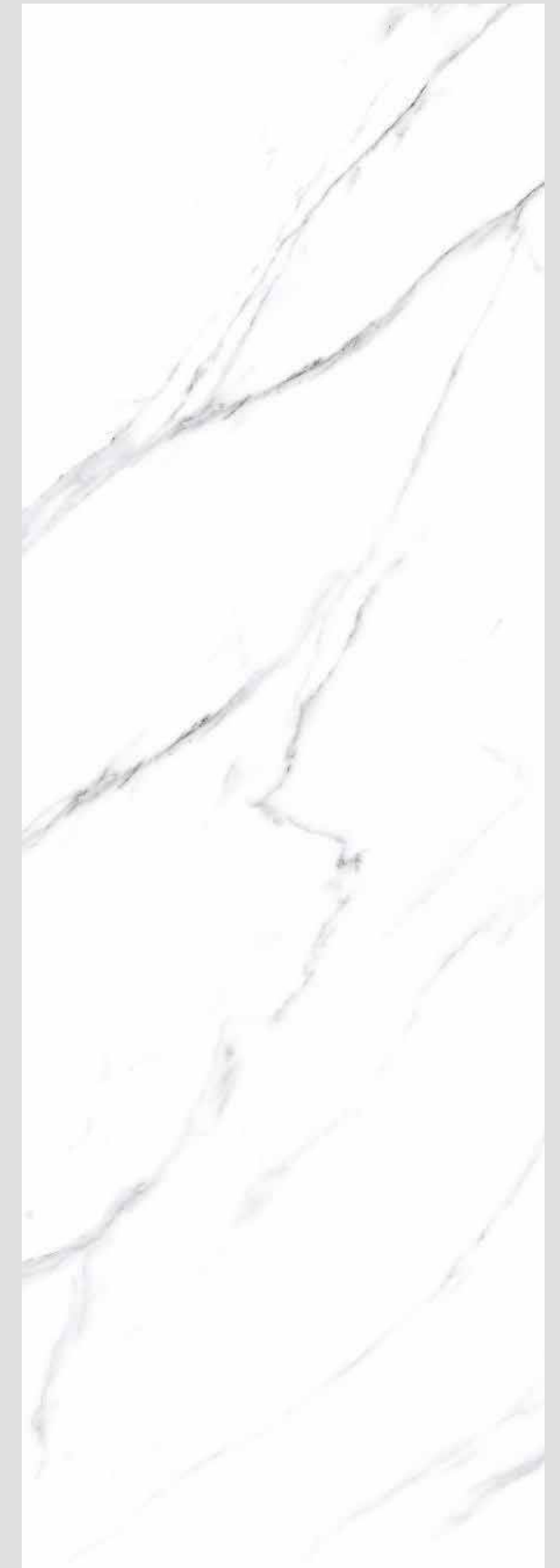
800X2400MM | **MARBLE**



CALACATTA CLASSICO

THICKNESS 15mm **FINISH Polished**

800X2400MM | **MARBLE**



CALACATTA PEARL

THICKNESS 15mm FINISH Polished

800X2400MM | **MARBLE**

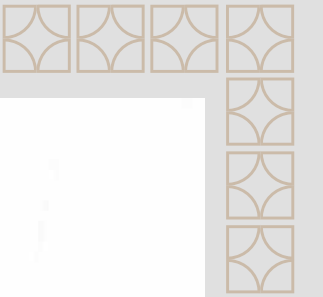


CALACATTA VENATO



THICKNESS 15mm **FINISH Polished**


800X2400MM | **MARBLE**




ROMAN STATUARIO

THICKNESS 15mm FINISH Polished

APPLICATION AREA



WORK DESK



DINING TABLE







TABLE TOP




KITCHEN UNIT TOP




FURNITURES




WASH BASIN



STEP & RISER




WINDOW/
DOOR SILL




FLOORING HEAVY
TRAFFIC AREA


EDGE PROFILES




FULL BULLNOSE



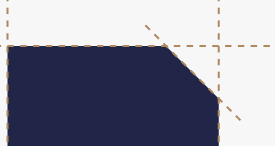
DEMI BULLNOSE




1/2" BEVEL T&B




1/2" ROUND T&B



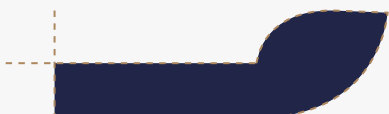
1/2" BEVEL



1/2" BULLNOSE



FULL BULLNOSE
WITH ACRYLIC LINING



SPILL FREE EDGING

TECHNICAL SPECIFICATION

CHARACTERISTICS	STANDARD AS PER ISO-13006/En14411 GROUP	VALUES	TEST METHOD
REGULATORY PROPERTIES			
Deviation in Length & Width	0.50%	0.20%	ISO - 10545-2
Deviation in Thickness	0.50%	0.50%	ISO - 10545-2
Straightness of Sides	0.50%	0.20%	ISO - 10545-2
Rectangularity	0.50%	0.20%	ISO - 10545-2
Surface Flatness	0.50%	0.20%	ISO - 10545-2
Color Difference	Unaltered	No Change	ISO - 10545-16
Glossiness	As per Mfg.	>90%	Glossmeter
STRUCTURAL PROPERTIES			
Water Absorption	<0.05%	<0.05%	ISO - 10545-3
Apparent Density	>2.00 g/cc	>2.10 g/cc	DIN 51082
MASSIVE MECHANICAL PROPERTIES			
Modulus of Repture	Min 35N/MM2	Min 42N/MM2	ISO - 10545-4
Breaking Strength	Min. 1300 N	Min. 2800 N	ISO - 10545-4
Impact Resistance	As per Mfg.	Min. 0.75	ISO - 10545-5
SURFACE MECHANICAL PROPERTIES			
Surface Abrasion Resistance	As per Mfg.	Min. class 3	ISO - 10545-7
Moh's Hardness	As per Mfg.	Min. class 4	EN 101
THERMO HYGROMETRIC PROPERTIES			
Frost Resistance	No Damage	No Damage	ISO - 10545-12
Thermal Shock Resistance	No Damage	No Damage	ISO - 10545-09
Moisture Expansion	Nil	Nil	ISO - 10545-10
Thermal Expansion	Max 9.0x10 -6	Max 6.5x10 -6	ISO - 10545-08
Crazing Resistance	As per Mfg.	Min 10 Cycle	ISO - 10545-11
CHEMICAL PROPERTIES			
Chemical Resistance	No Damage	No Damage	ISO - 10545-13
Stain Resistance	Resistant	Resistant	ISO - 10545-14
SAFETY PROPERTIES			
Slip Resistance	As per Mfg.	>0.40	ISO - 10545-17
Fire Resistance	As per Mfg.	Fire Proof	N.A.

TILE SIZE	THICKNESS (approx.)	NO. OF TILES/BOX	WEIGHT/BOX (approx.)	COVERAGE AREA
800 X 2400	15 MM	1 Pc	70 Kg.	20.67 Sq.Ft
	18 MM	1 Pc	81 Kg.	20.67 Sq.Ft



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