

20
24
COLLECTION



SOUTHINDIATILES

SLAB TILE

1200X2400 MM

N A T U R E

ethereal

palette unveiled.

Welcome to a world where artistry and nature intertwine, where beauty is captured in its purest form. Our latest catalogue showcases a breathtaking collection of 1200x2400mm big format tile that pay homage to the everlasting allure of marble, while drawing inspiration from the mesmerizing wonders of the natural world.

1200 ×
2400 mm

9 mm
thickness

Introducing our impressive large-format tile, measuring an expansive 1200x2400mm with a slimline thickness of 9mm. This tile is designed to redefine the aesthetics of any space with its grand dimensions, offering a seamless and elegant surface that exudes modernity and sophistication.

polished

LIGHT COLLECTION



Illuminate your surroundings with our Polished Light Collection, a tribute to the purity and grace of light marble. These tiles boast a mirror finish that radiates brilliance, infusing your spaces with a sense of openness and serenity. As light dances across the surface, experience the magic of reflections that create an aura of tranquility. Elevate your interiors with the Polished Light Collection and let your spaces breathe with luminosity.



Bathroom

Wall

Classic Carrara
1200x2400mm

Floor

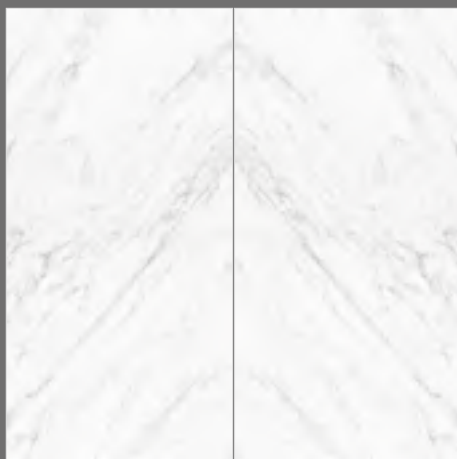
Classic Carrara
1200x2400mm



Bathroom



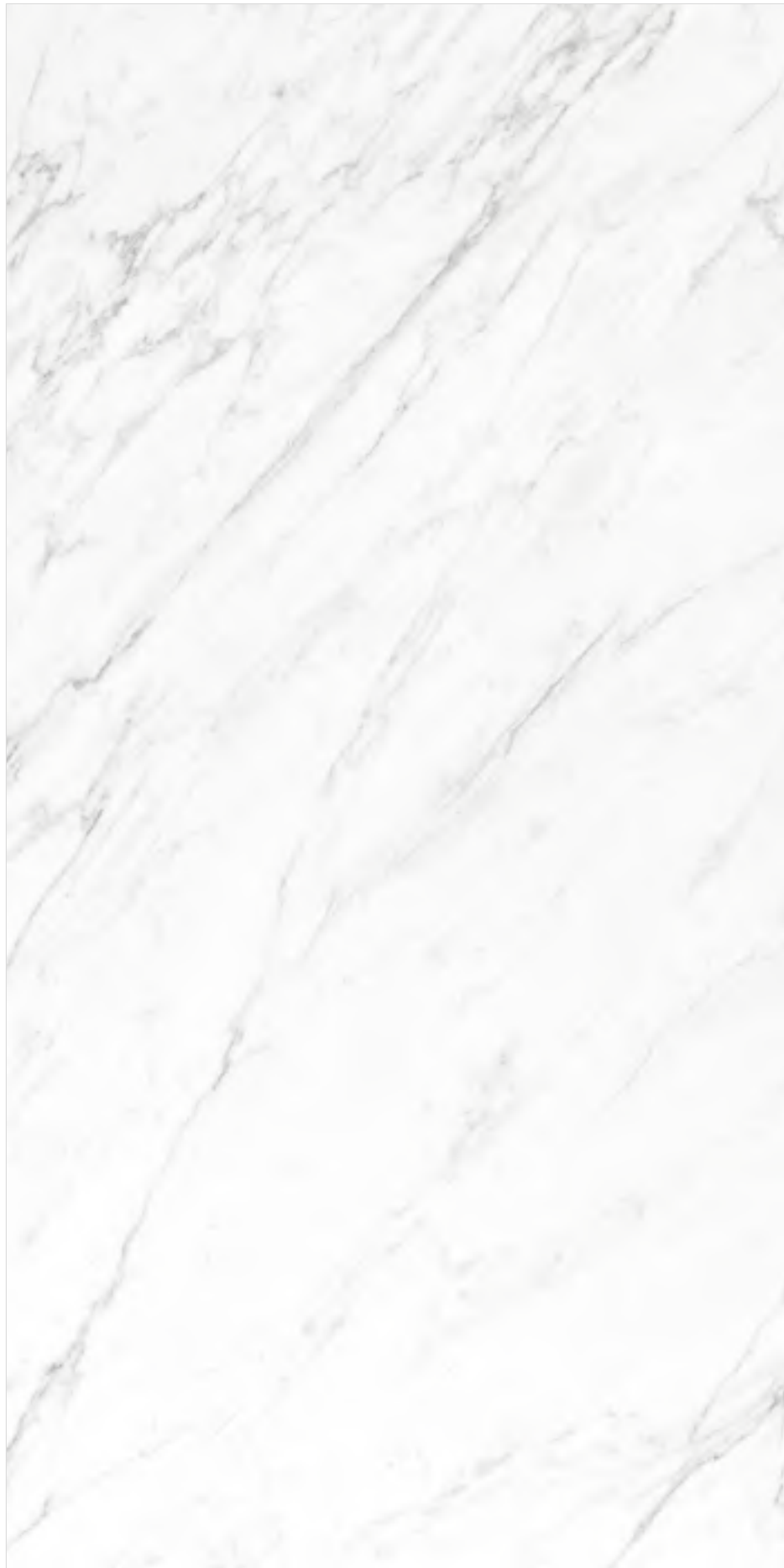
Bookmatch



Floor

Classic Carrara
1200x2400mm

simon.it/stabile

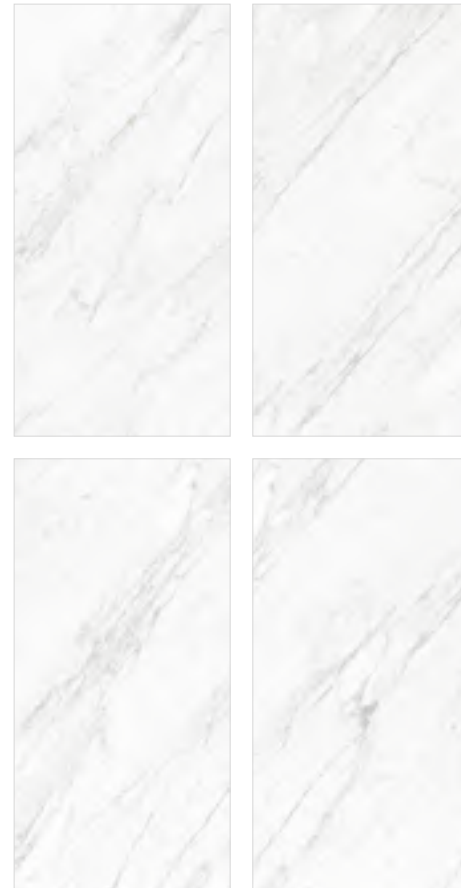


Classic Carrara

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 5

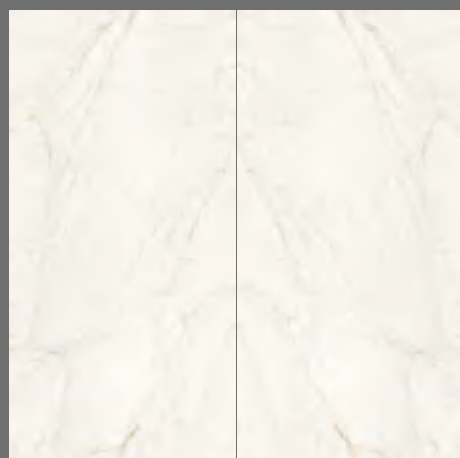


Classic Carrara



Reception

Bookmatch



Wall

Royal Carrara
1200x2400mm

Floor

Royal Carrara
1200x2400mm



Kitchen



Table Top

Royal Carrara
1200x2400mm

Floor

Royal Carrara
1200x2400mm

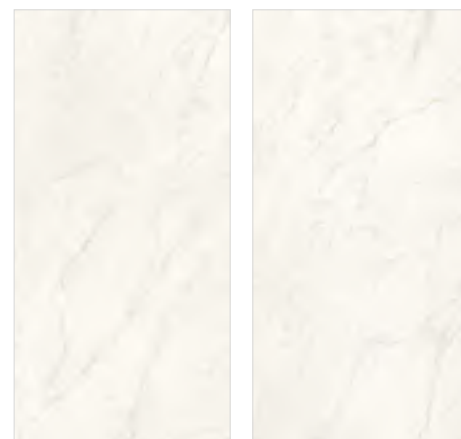


Royal Carrara

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



slabtile

Royal Carrara



Showroom



Wall

Carrara Gold
1200x2400mm

Floor

Carrara Gold
1200x2400mm

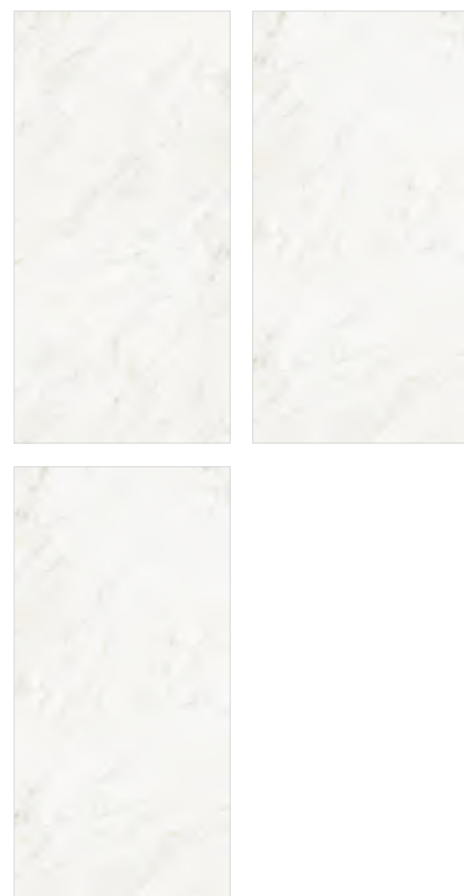


Carrara Gold

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 4



Carrara Gold





Restaurant

Wall
Royal Armani Ivory
1200x2400mm

Floor
Royal Armani Ivory
1200x2400mm



Reception

Wall
Royal Armani Bianco
1200x2400mm

Floor
Royal Armani Bianco
1200x2400mm

Office

Wall

Royal Armani Grey
1200x2400mm

Floor

??
1200x2400mm





Royal Armani **Ivory**

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



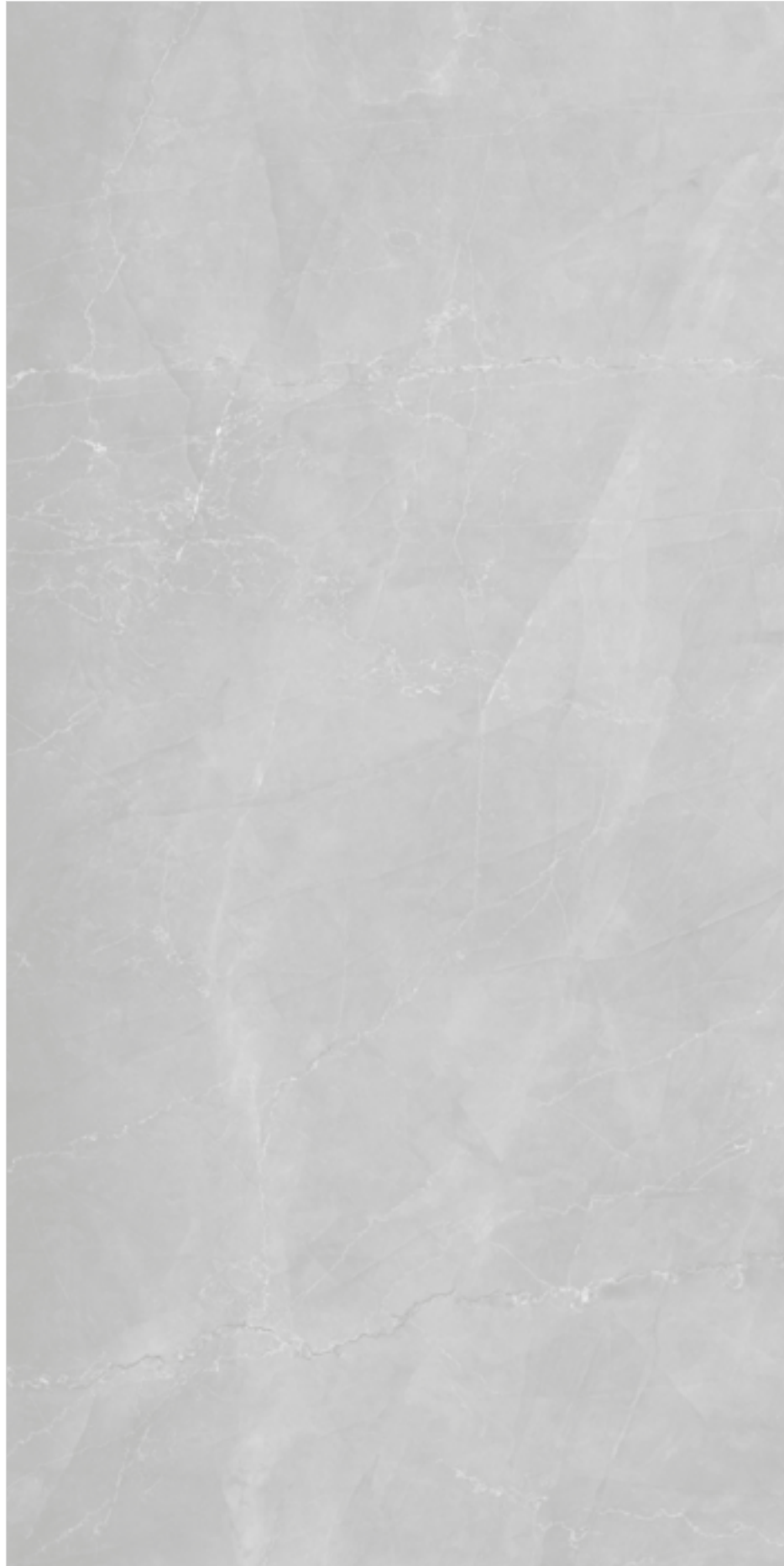
Royal Armani **Bianco**

Available Surface
Polished

1200x2400mm
9mm thickness

Total Faces | 3



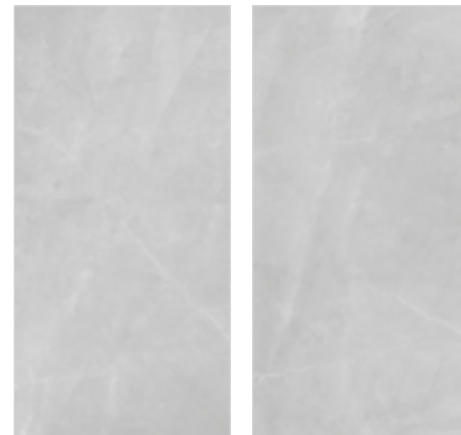


Royal Armani Grey

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



Royal Armani Grey



Reception

Bookmatch



Wall

Calcutta Raffallo
1200x2400mm

Floor

Calcutta Raffallo
1200x2400mm





Calcutta Raffallo

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



Calcutta Raffallo



Reception



Wall

Calcutta
1200x2400mm

Floor

??
1200x2400mm



Dining Area

Wall
Calcutta
1200x2400mm

Floor
Paradise Grey
1200x2400mm



Lift Area

Wall
Calcutta Gold
1200x2400mm

Floor
Pietra Gris
1200x2400mm

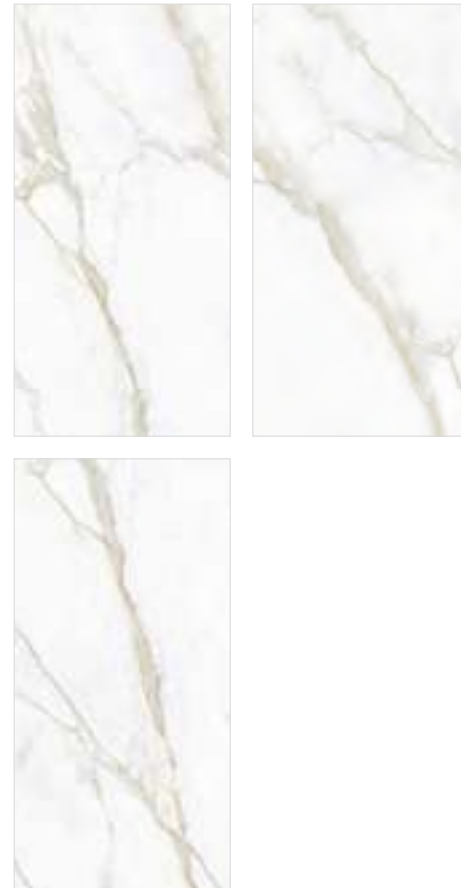


Calcutta

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 4



slabtile



Calcutta Gold

Available Surface
Polished

1200x2400mm
9mm thickness

Total Faces | 2



Reception

Bookmatch

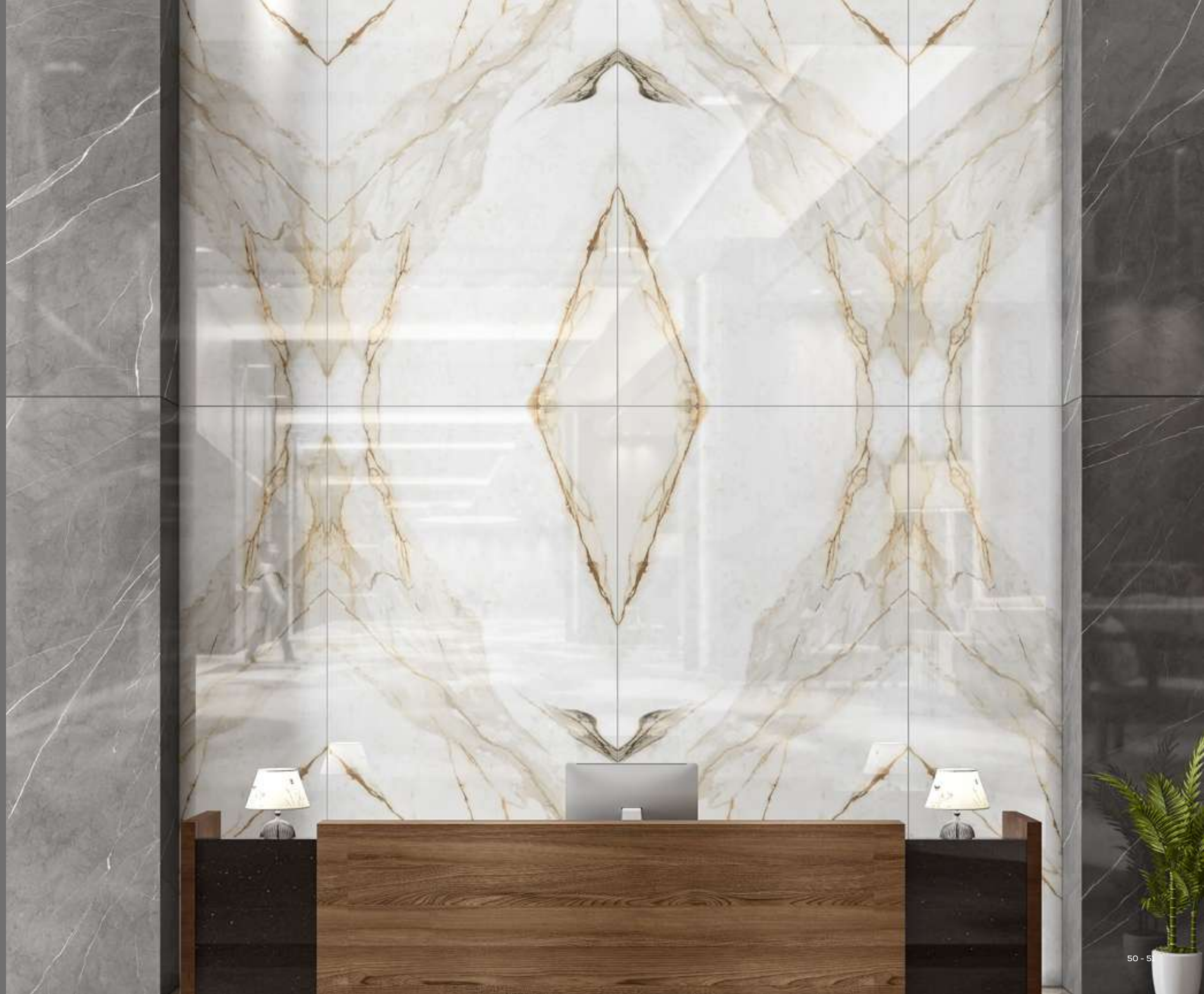


Wall

Atlantis Gold
1200x2400mm

Wall 2

??
1200x2400mm



Dining Area



Wall

Atlantis Gold
1200x2400mm

Floor

Atlantis Gold
1200x2400mm



Atlantis Gold

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Face | 1

Atlantis Gold





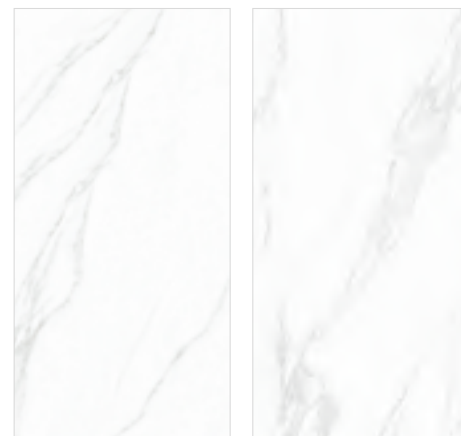
slabtile

Statuario Bianco Soft

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3

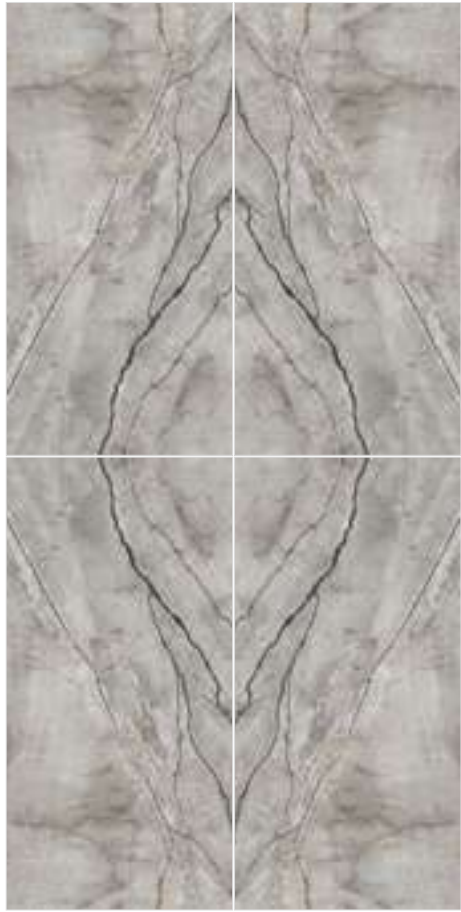


Living Room

Floor
Statuario Bianco Soft
1200x2400mm



Bookmatch



Living Room

Wall
River Stone Grey
1200x2400mm

Floor
River Stone
1200x2400mm



River Stone Grey

Available Surface

Polished

1200x2400mm
9mm thickness

Total Face | 1

slabtile

River Stone Grey



Living Room

Bookmatch



Wall

Statuario Nevo Extra
1200x2400mm

Floor

Statuario Nevo Extra
1200x2400mm



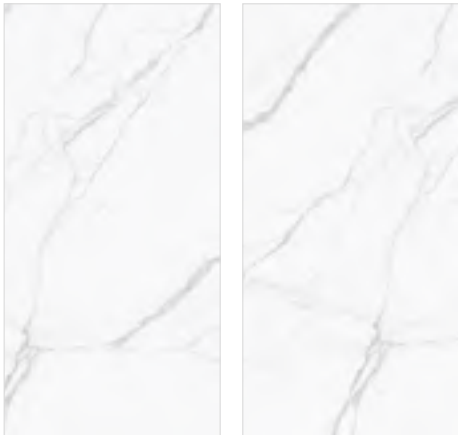


Statuario Nevo Extra

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



Living Room



Wall
Grigio Armani Natural
1200x2400mm



Living Room

Wall
Grigio Armani Natural
1200x2400mm

Floor
Grigio Armani Natural
1200x2400mm



Grigio Armani **Natural**

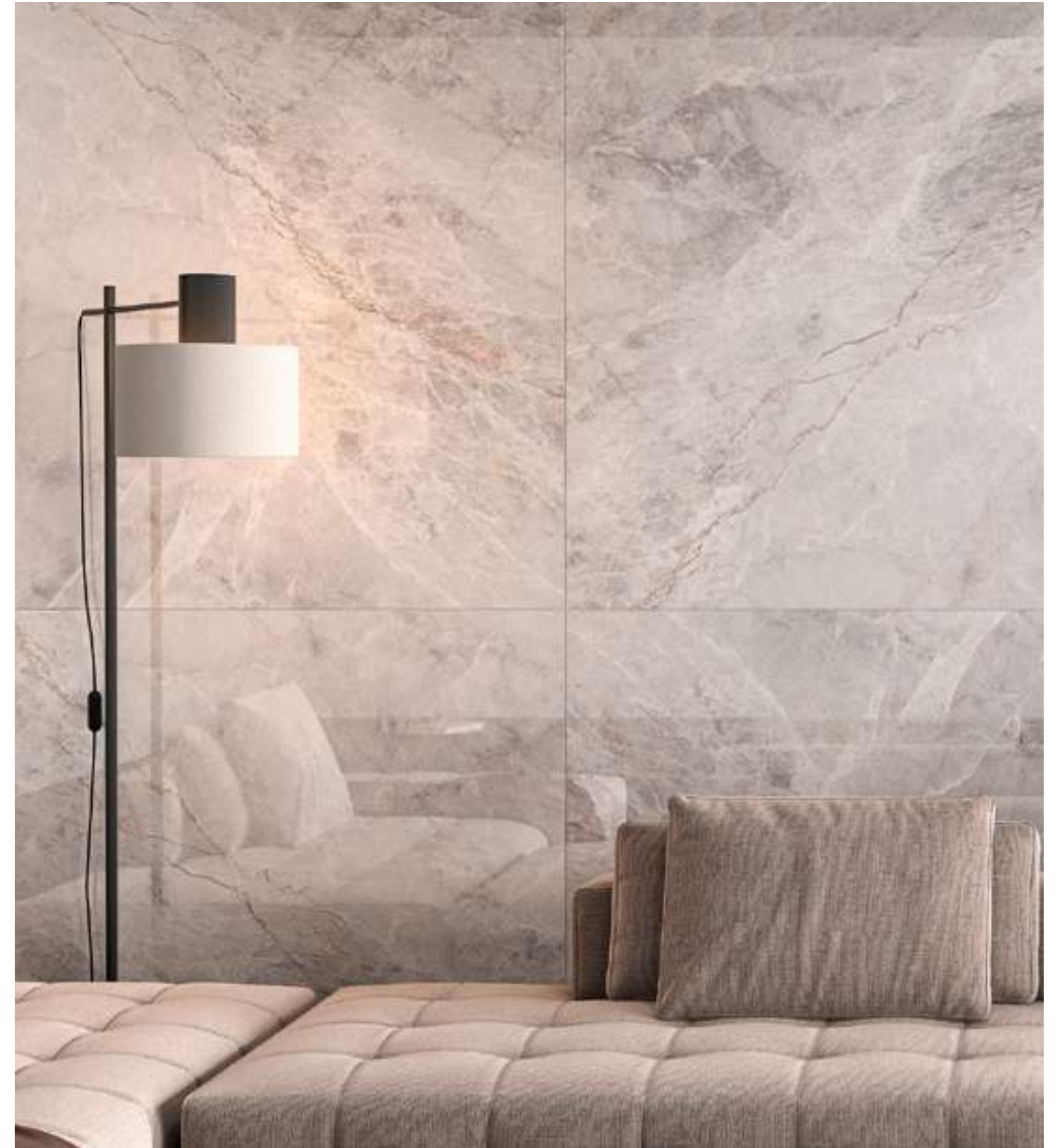
Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 2



Grigio Armani Natural





Reception

Wall
Paradise Crema
1200x2400mm

Floor
Paradise Crema
1200x2400mm

Reception

Wall

Paradise Grey
1200x2400mm

Floor

Paradise Grey
1200x2400mm





Paradise Crema

Available Surface
Polished / Digimatt / Carving

1200x2400mm
9mm thickness

Total Faces | 3



Paradise Grey

Available Surface
Polished / Digimatt / Carving

1200x2400mm
9mm thickness

Total Faces | 3



Living Room

Bookmatch



Wall

Grigio Carnico
1200x2400mm

Floor

Grigio Carnico
1200x2400mm





Grigio Carnico

Available Surface

Polished

1200x2400mm
9mm thickness

Total Face | 1

slabtile

Grigio Carnico





Living Room

Wall
Cineto Bianco
1200x2400mm

Floor
Cineto Bianco
1200x2400mm

Bathroom

Wall

Cineto Grey
1200x2400mm

Floor

Cineto Grey
1200x2400mm

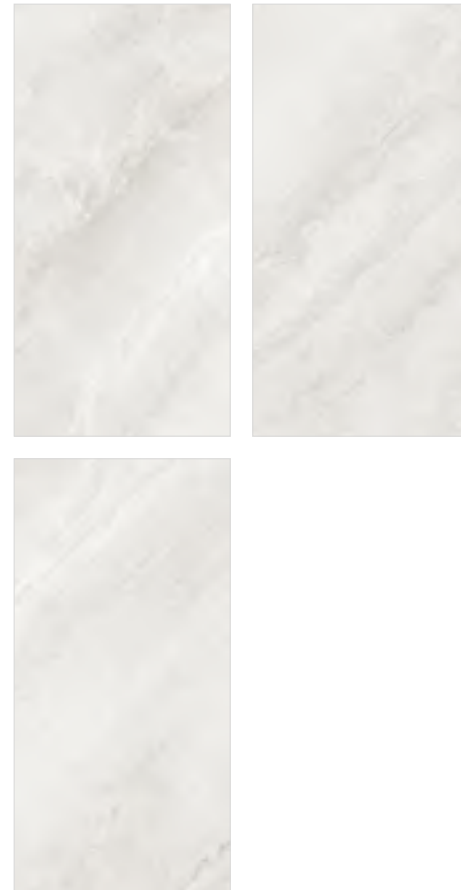


Cineto **Bianco**

Available Surface
Polished / Digimatt / Carving

1200x2400mm
9mm thickness

Total Faces | 4



Cineto **Grey**

Available Surface
Polished / Digimatt / Carving

1200x2400mm
9mm thickness

Total Faces | 4



Bathroom

Wall

Rosalina Brown
1200x2400mm

Floor

Rockland
1200x2400mm

Bath Tub | Wash Basin

Rosalina Brown
1200x2400mm



Restaurant



Wall

Rosalina Grey
1200x2400mm

Floor

Rosalina Grey
1200x2400mm



Rosalina Brown

Available Surface

Polished

1200x2400mm
9mm thickness

Total Faces | 2



Rosalina Grey

Available Surface

Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 2

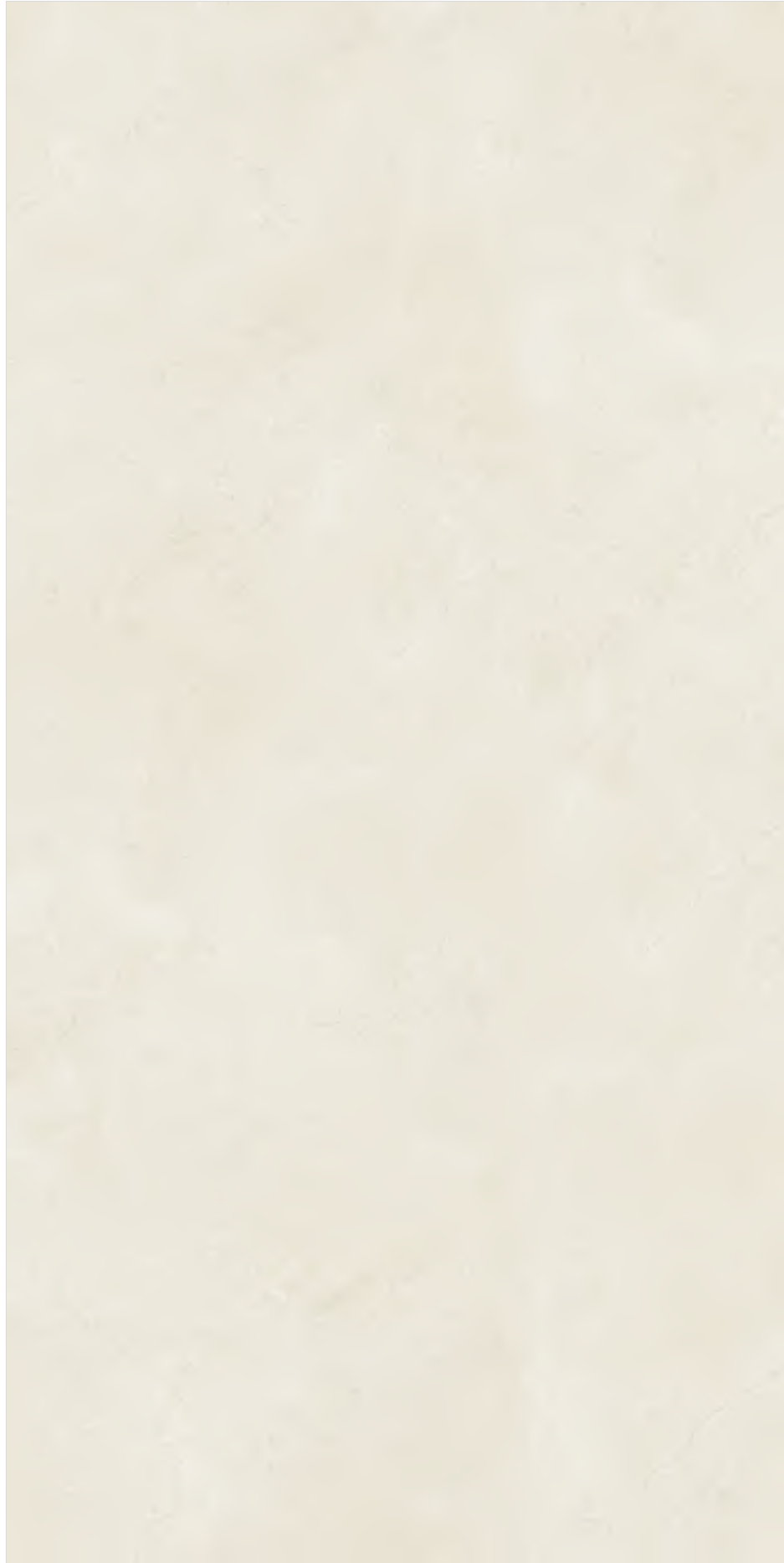




Living Room

Wall
Marfil Natural
1200x2400mm

Floor
Marfil Natural
1200x2400mm



Marfil Natural

Available Surface
Polished / Digimatt

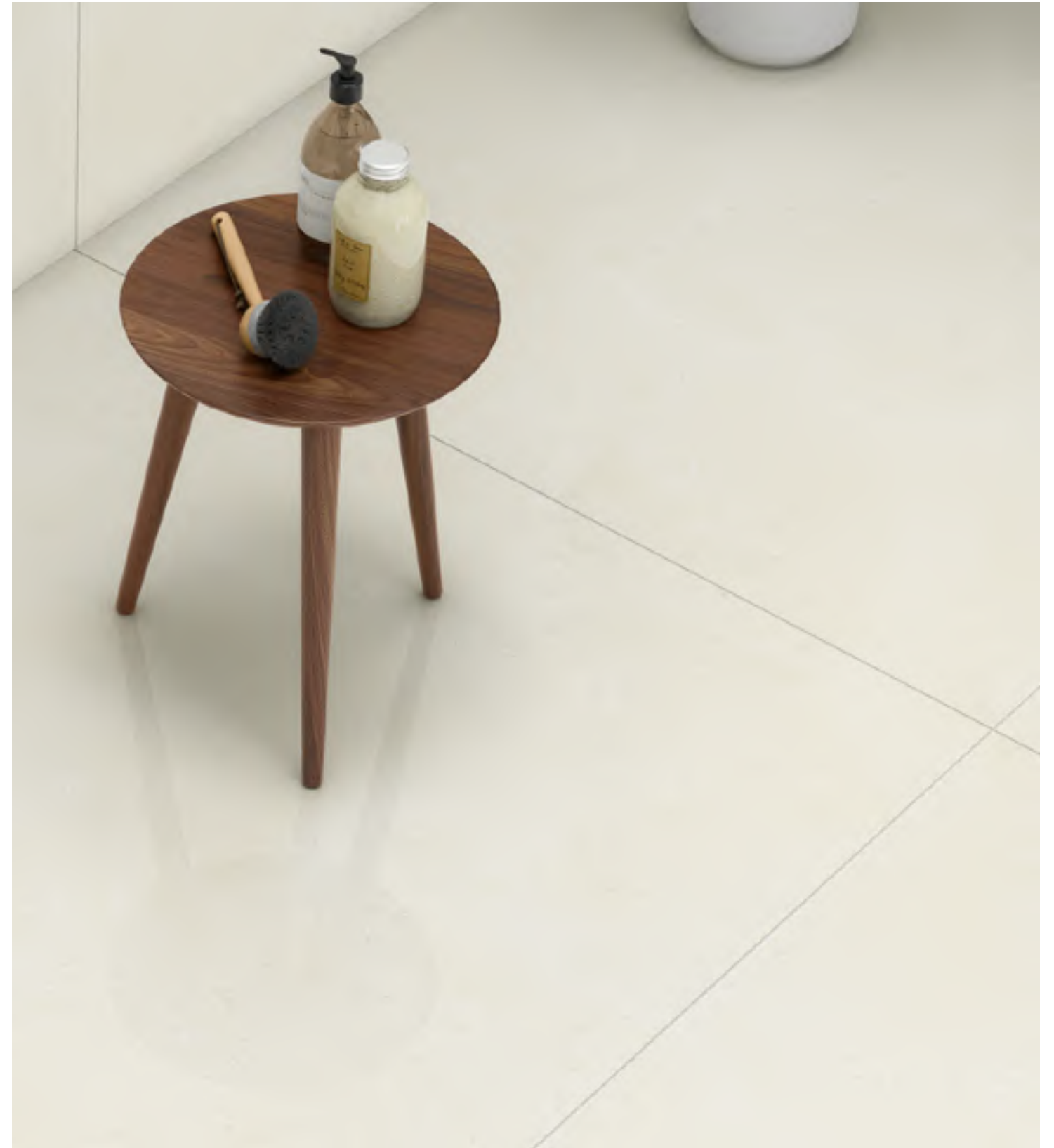
1200x2400mm
9mm thickness

Total Faces | 3



slabtile

Marfil Natural





Bookmatch



Living Room

Wall
Statuario Lux
1200x2400mm

Floor
Statuario Lux
1200x2400mm

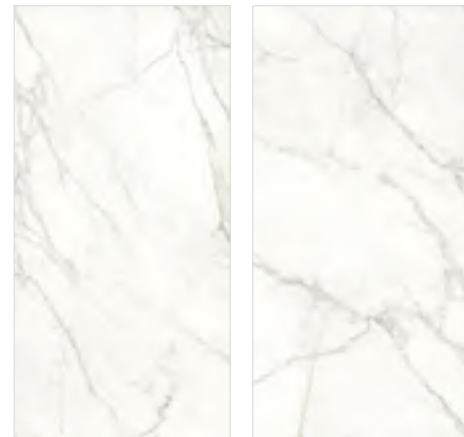


Statuario Lux

Available Surface
Polished / Digimatt

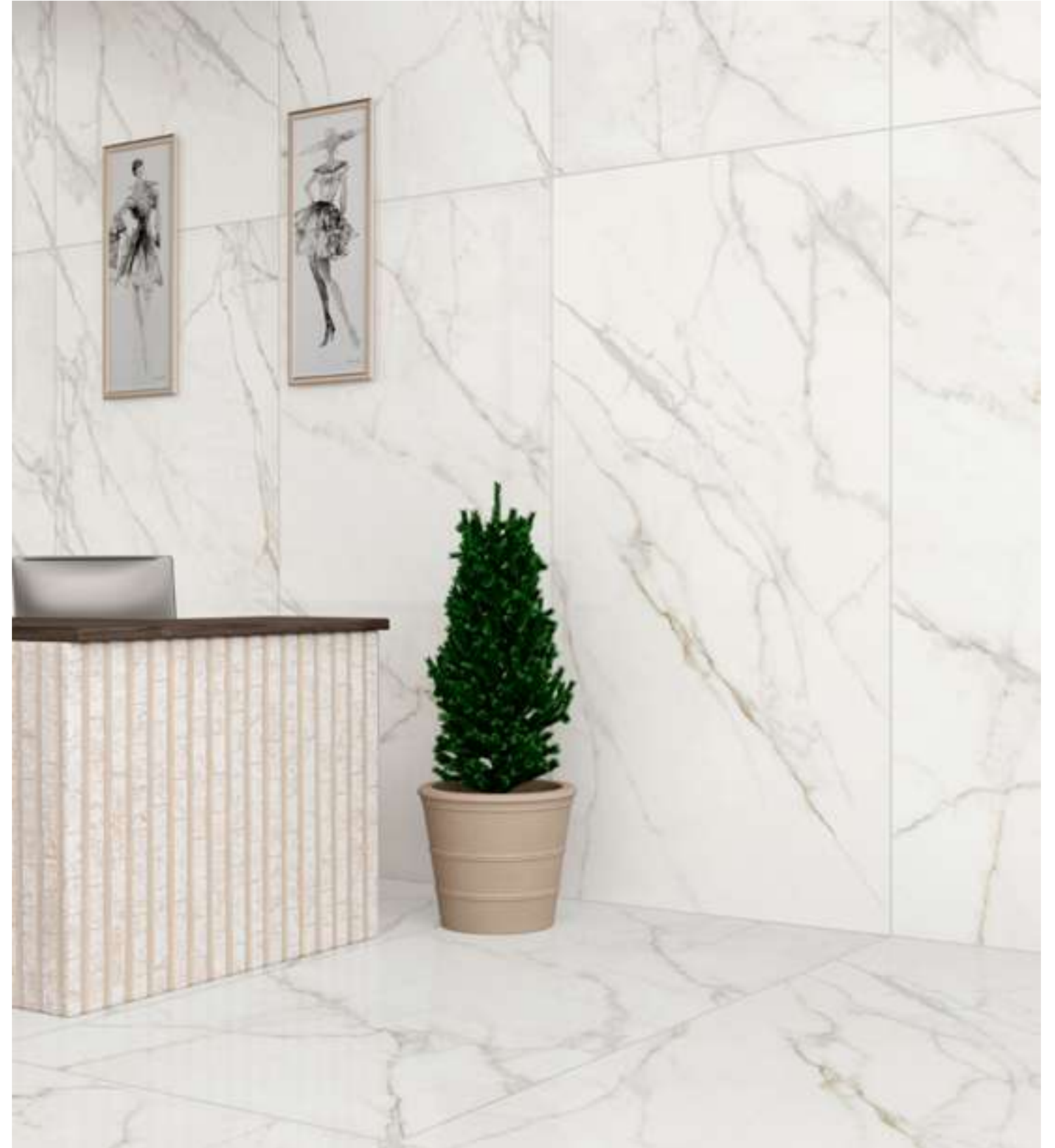
1200x2400mm
9mm thickness

Total Faces | 3



slabtile

Statuario Lux



Reception

Wall

Onyx Crema
1200x2400mm

Floor

Onyx Crema
1200x2400mm



Bathroom



Wall

Onyx Grey
1200x2400mm

Floor

Onyx Grey
1200x2400mm

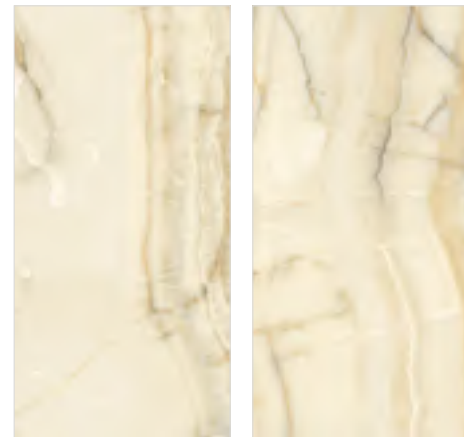


Onyx Crema

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



Onyx Grey

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



Bathroom



Wall

Silver River
1200x2400mm

Floor

Silver River
1200x2400mm



Siver River

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



slabtile

Siver River





Living Room

Wall
Capachino Ivory
1200x2400mm

Floor
Capachino Ivory
1200x2400mm

Women Dress

Showroom



Wall

Capachino Grey
1200x2400mm

Floor

Capachino Grey
1200x2400mm



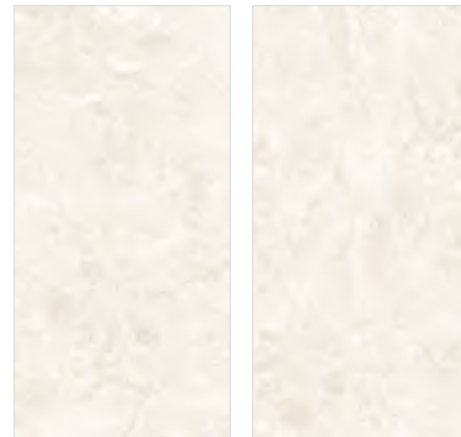


Capachino Ivory

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3

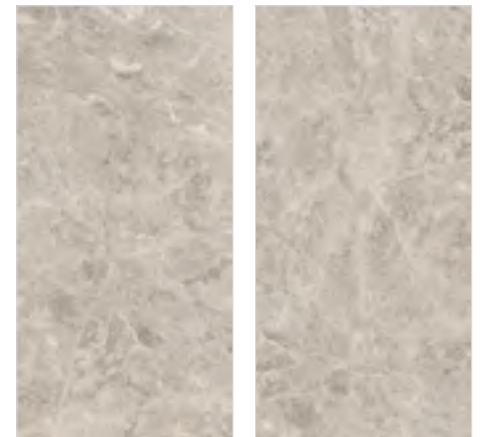


Capachino Grey

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



Bathroom

Bookmatch



Wall

Statuario Himalaya
1200x2400mm

Floor

Statuario Himalaya
1200x2400mm





Statuario Himalaya

Statuario Himalaya

Available Surface

Polished / Digimatt

1200x2400mm

9mm thickness

Total Face | 1



Hotel Reception



Wall

Mountain White
1200x2400mm

Floor

Unicorn Grey
1200x2400mm



Mountain **White**

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 4



Mountain White



Dining Area

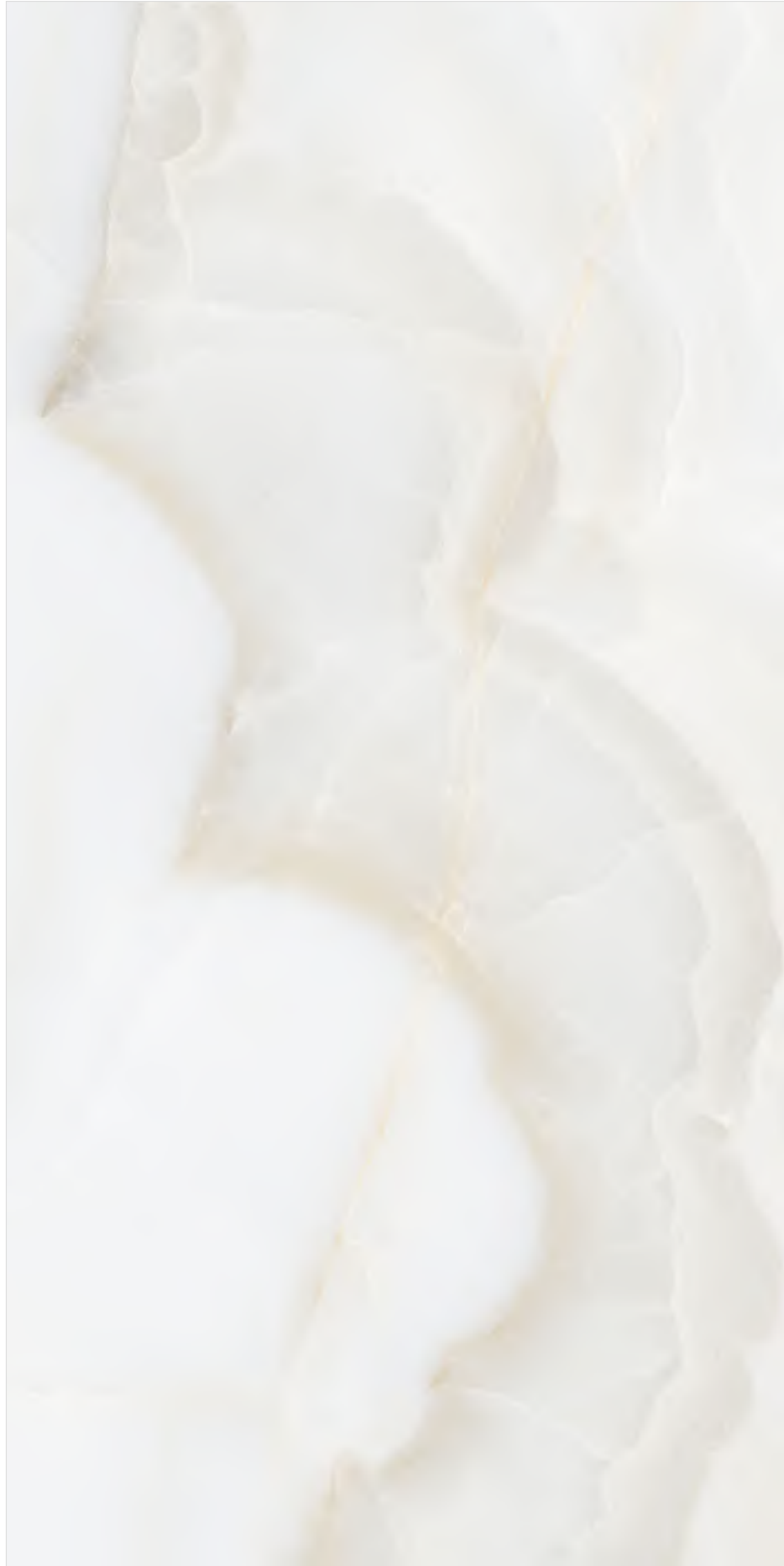


Wall

Onice Cream
1200x2400mm

Floor

Onice Cream
1200x2400mm

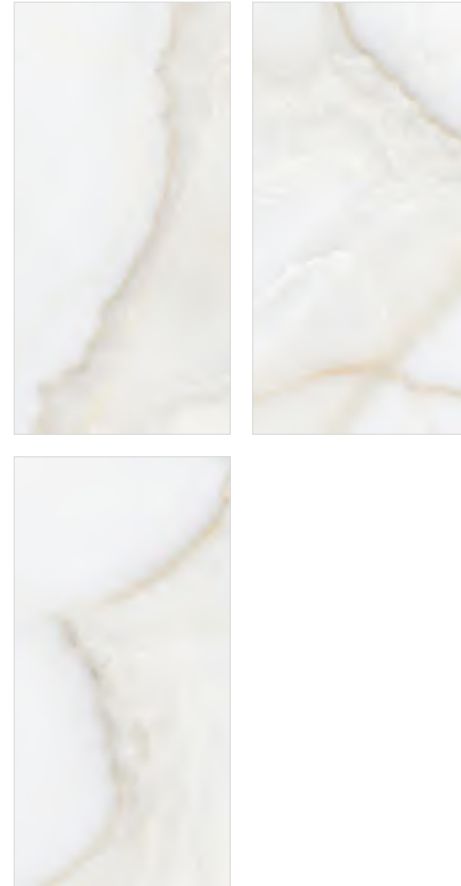


Onice Cream

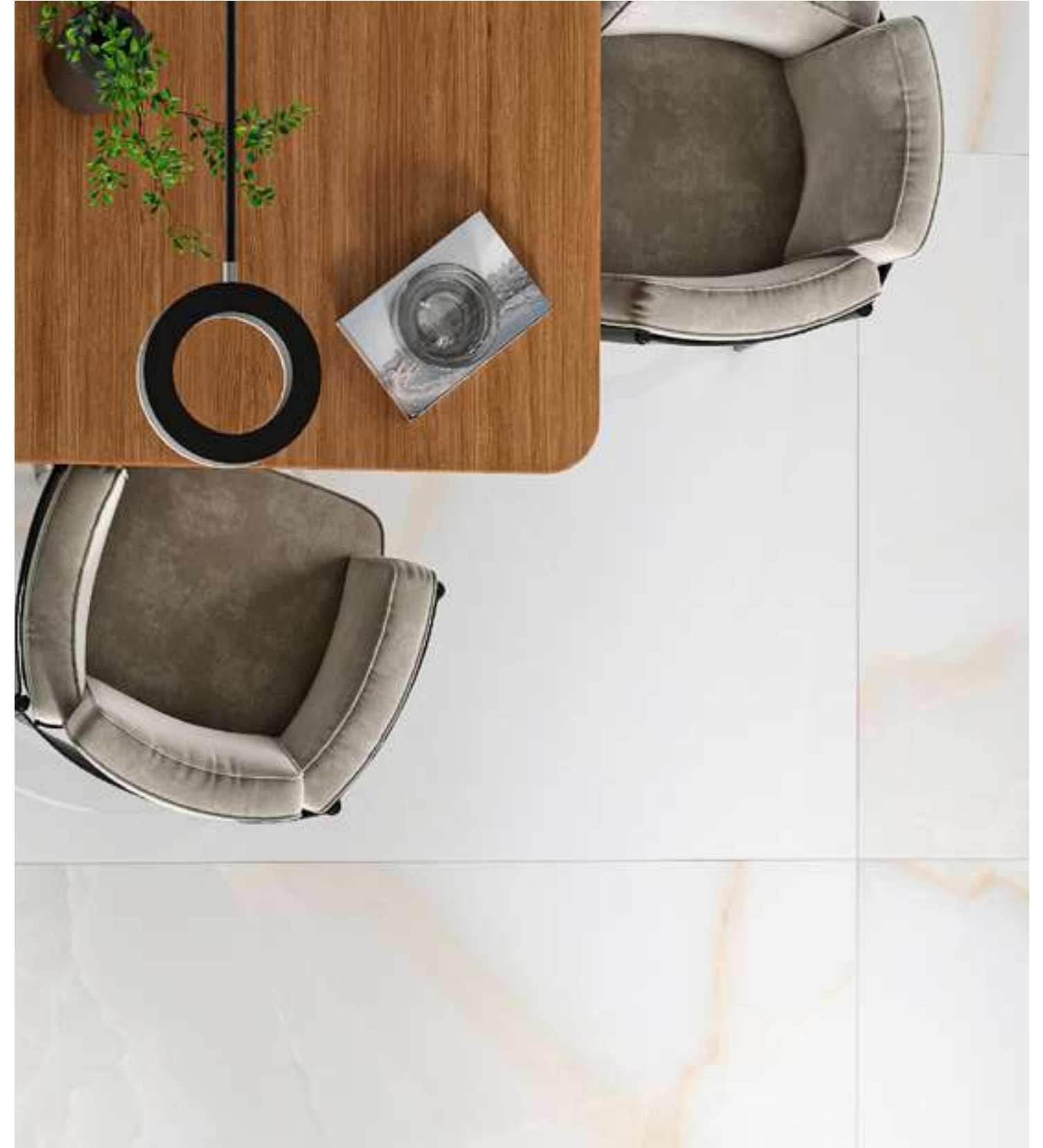
Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 4



slabtile



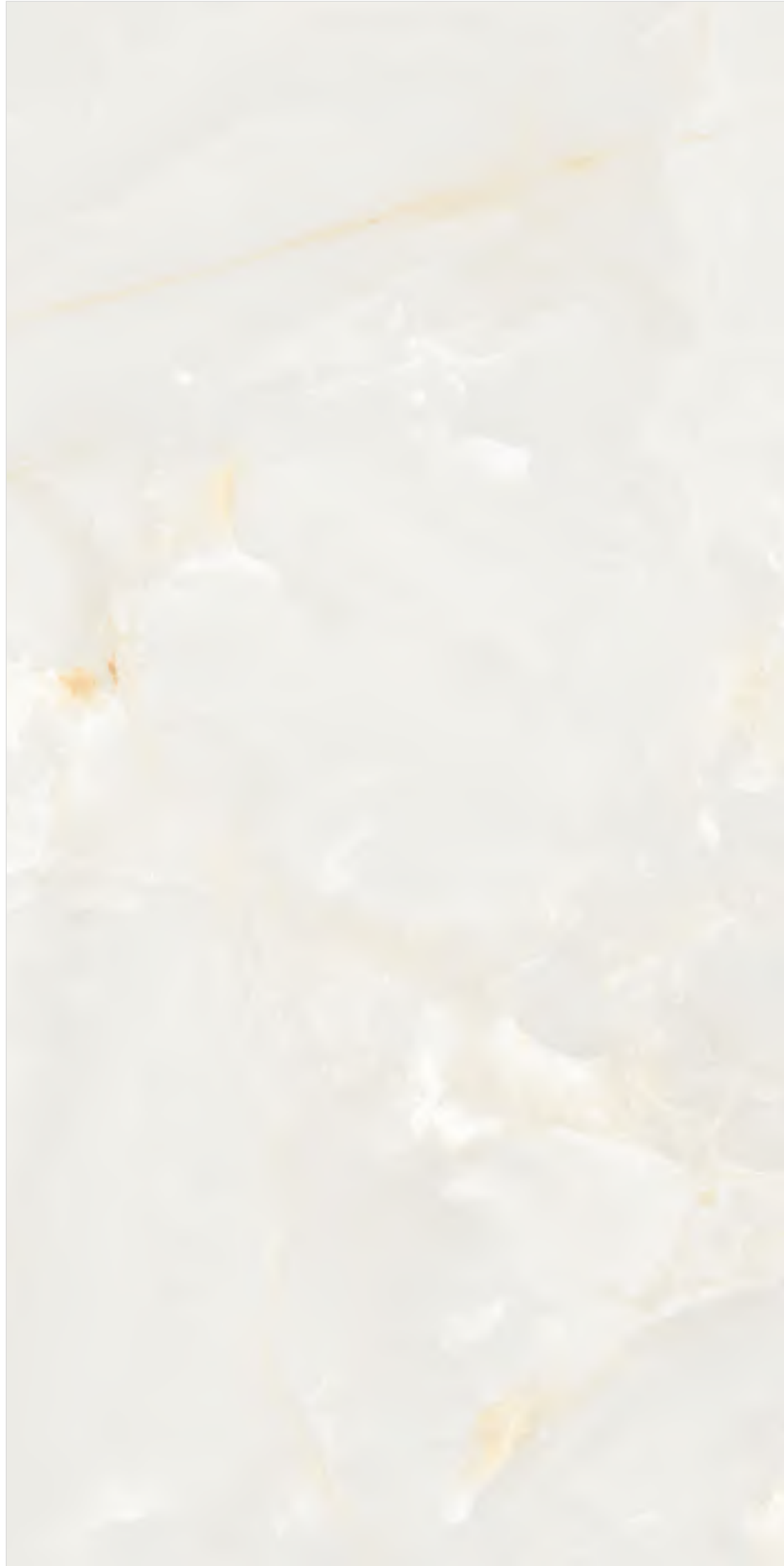
Onice Cream



Living Room

Wall
Onyx Natural Bianco
1200x2400mm

Floor
Onyx Natural Bianco
1200x2400mm



Onyx Natural Bianco

Onyx Natural **Bianco**

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 2



slabtile

Reception

Wall

Onyx Fantastic White
1200x2400mm

Floor

Armonia Grey
1200x2400mm

Table

Onyx Fantastic White
1200x2400mm





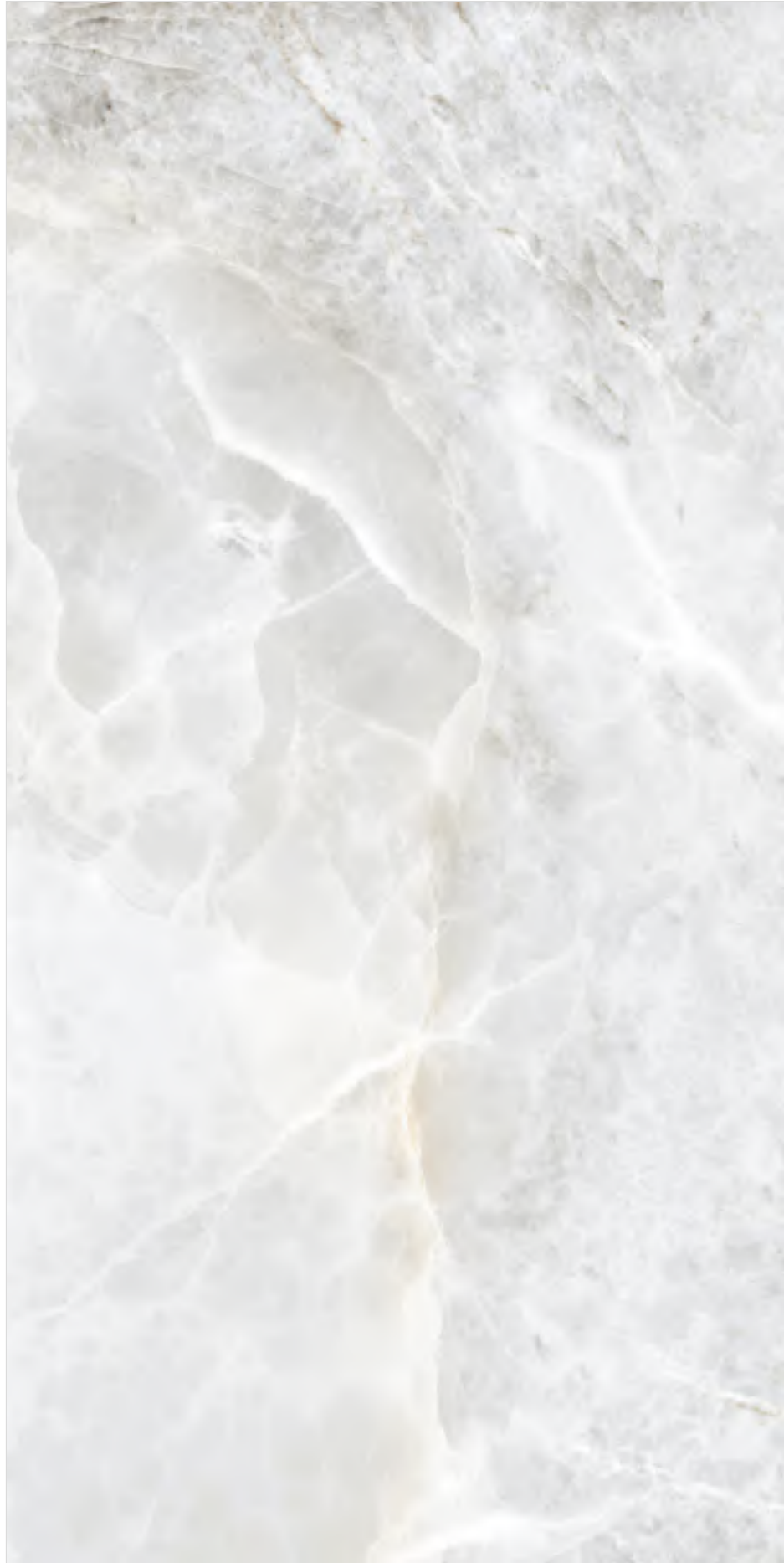
Bathroom

Wall

Onyx Fantastic Olive
1200x2400mm

Floor

Onyx Fantastic Olive
1200x2400mm

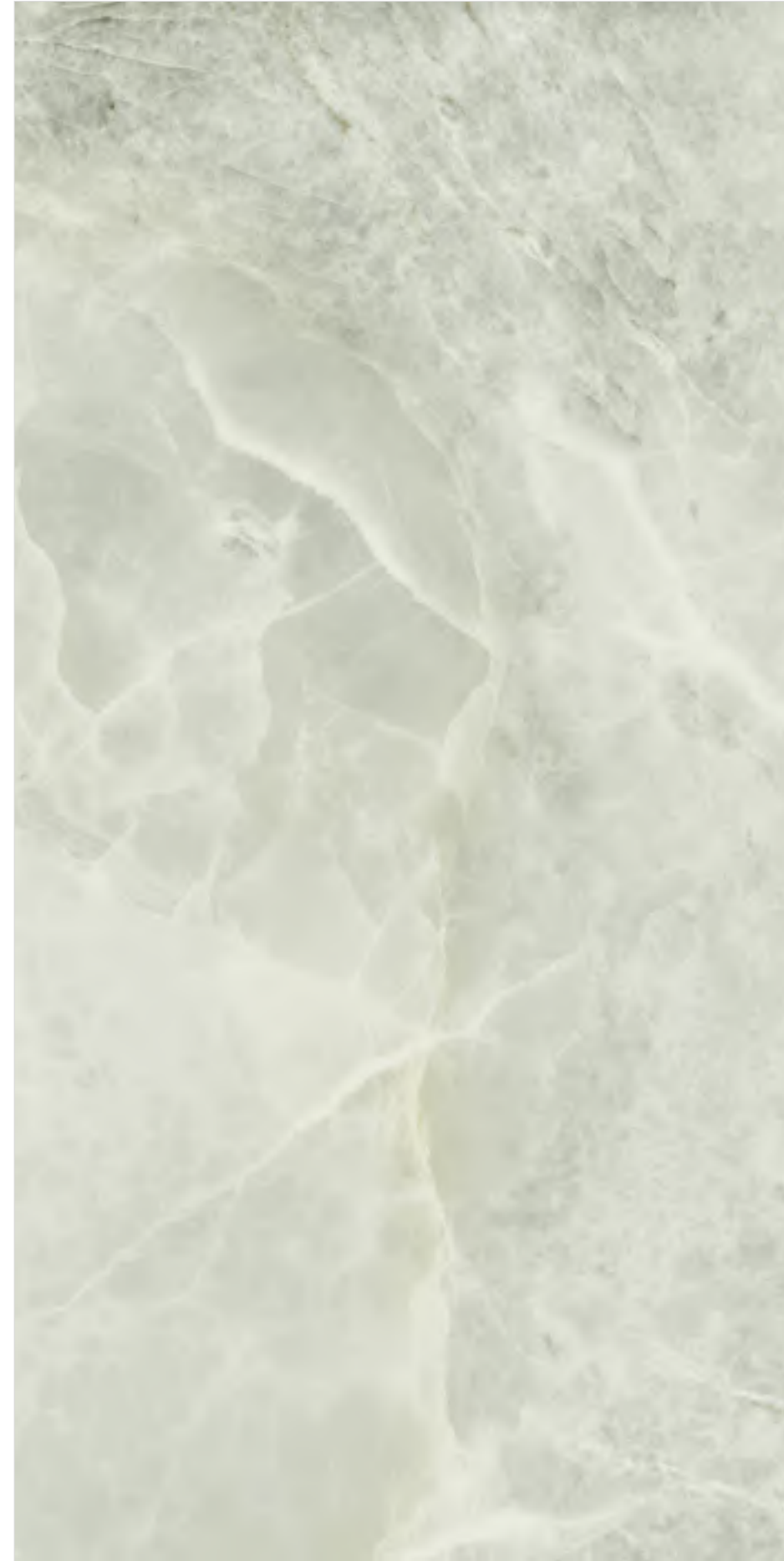
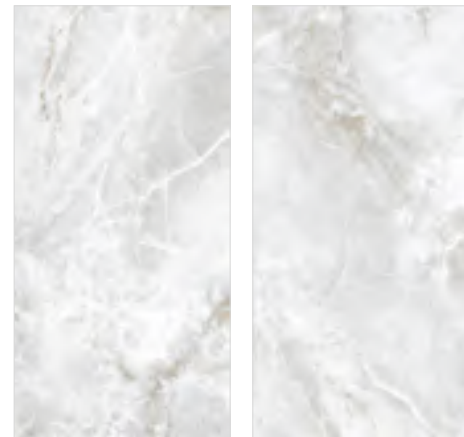


Onyx Fantastic **White**

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3

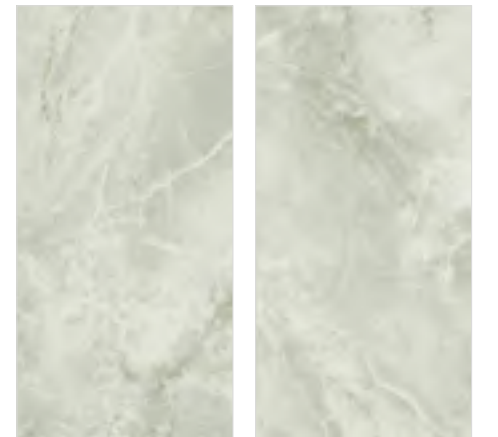


Onyx Fantastic **Olive**

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3





Living Room

Wall
Grand Onyx Bianco
1200x2400mm

Floor
Grand Onyx Bianco
1200x2400mm

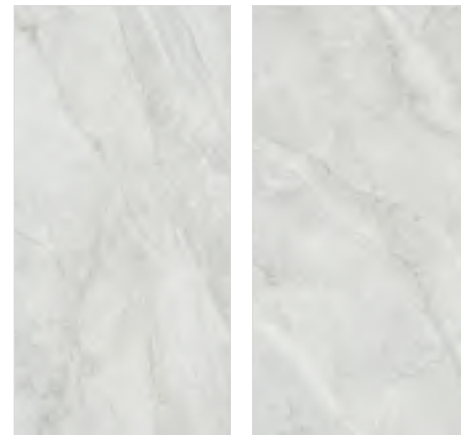


Grand Onyx **Bianco**

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



Grand Onyx Bianco



Dining Area

Wall

Quantum Pulpis Grey
1200x2400mm

Floor

Quantum Pulpis Grey
1200x2400mm





Quantum Pulpis Grey

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



Quantum Pulpis Grey

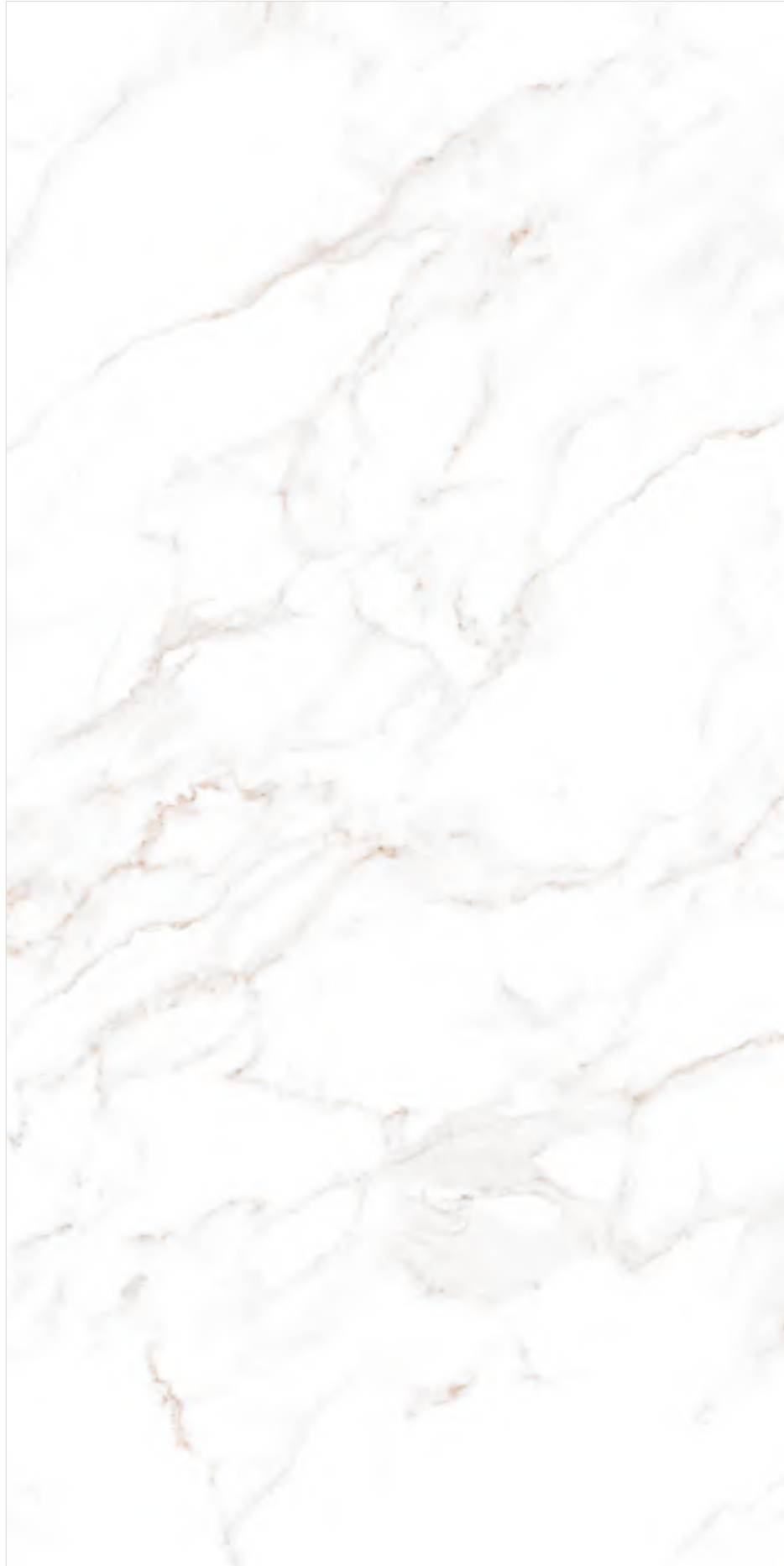




Bathroom

Wall
Carrara Natural
1200x2400mm

Floor
Carrara Natural
1200x2400mm



Carrara Natural

Available Surface

Polished / Digimatt

1200x2400mm

9mm thickness

Total Faces | 3



slabtile

Carrara Natural



Kitchen

Wall

Golden Calcutta
1200x2400mm

Floor

??
1200x2400mm

Table Top

Golden Calcutta
1200x2400mm





Golden Calcutta

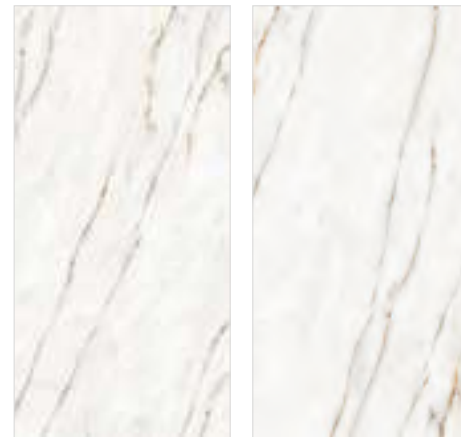
Available Surface

Polished

1200x2400mm

9mm thickness

Total Faces | 3



slabtile

Golden Calcutta





Reception

Floor
Vengtino Grey
1200x2400mm



Venatino Grey

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



slabtile

Venatino Grey



Living Room

Wall

Invisible Grey
1200x2400mm

Floor

Invisible Grey
1200x2400mm





Invisible Grey

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



slabtile

Invisible Grey



Living Room



Wall

Crystal Onyx
1200x2400mm

Floor

Crystal Onyx
1200x2400mm



Crystal Onyx

Available Surface
Digimatt

1200x2400mm
9mm thickness

Total Faces | 2



slabtile

Crystal Onyx



Living Room



Wall

Armonia Grey
1200x2400mm

Floor

Armonia Grey
1200x2400mm

Cafeteria

Wall

Armonia Beige
1200x2400mm

Floor

Armonia Beige
1200x2400mm



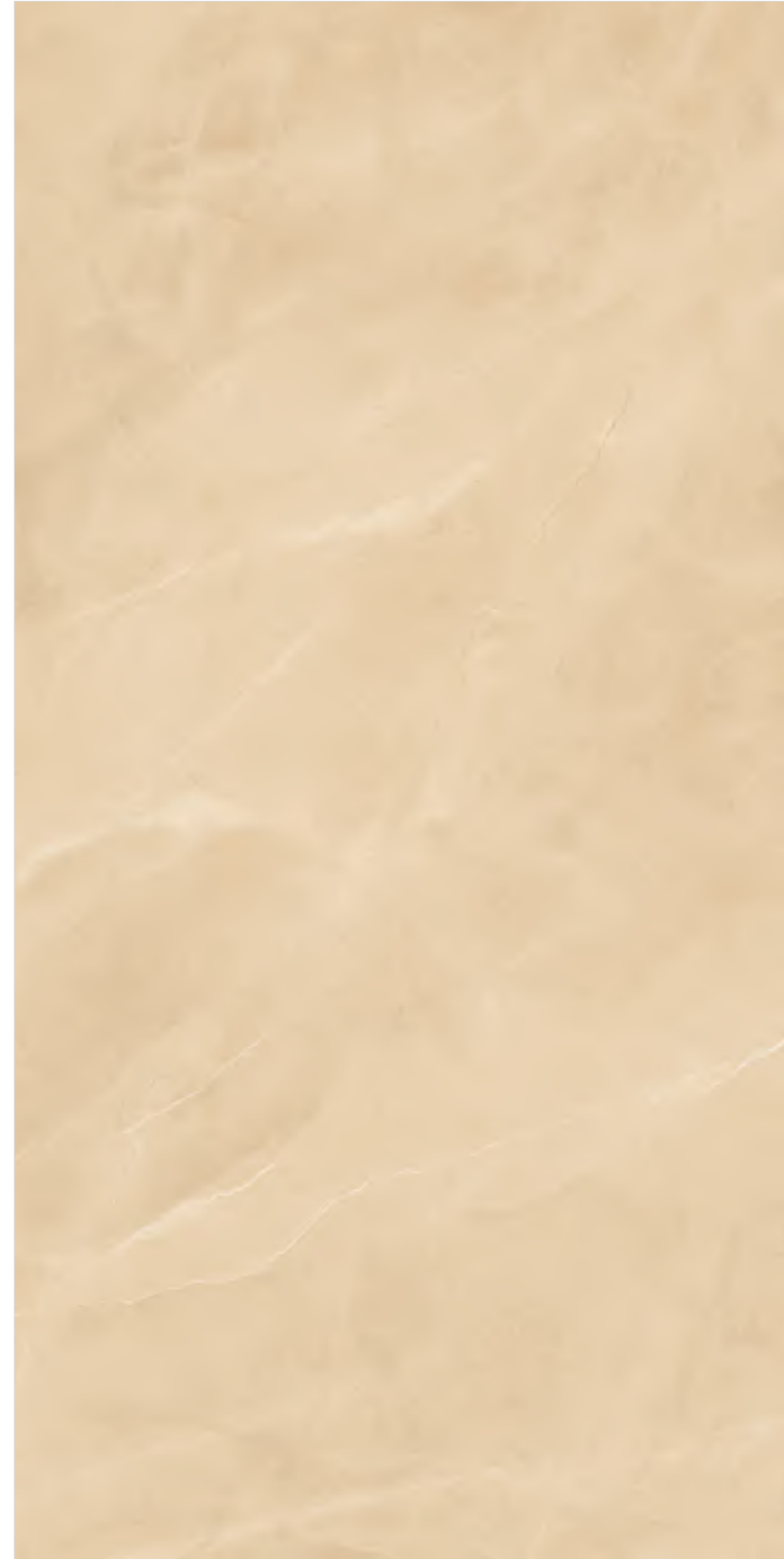
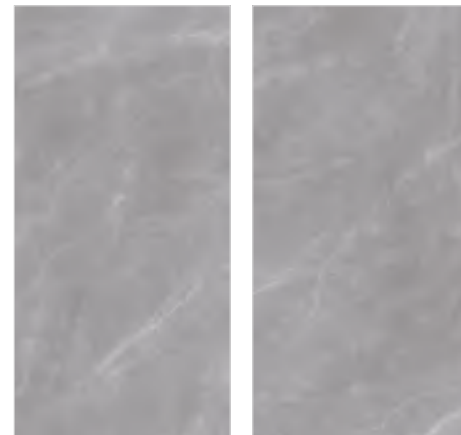


Armonia Grey

Available Surface
Polished

1200x2400mm
9mm thickness

Total Faces | 3

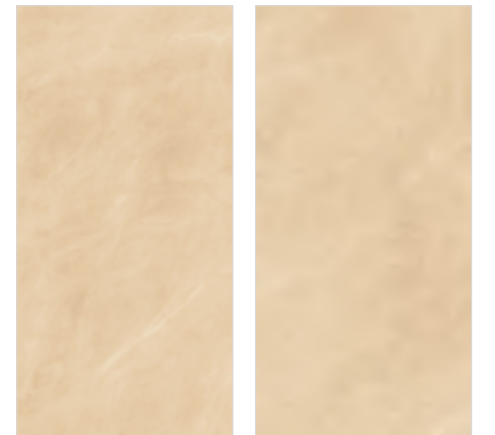


Armonia Beige

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



Spa Area

Wall

Himalaya Crystal
1200x2400mm

Floor

??
1200x2400mm



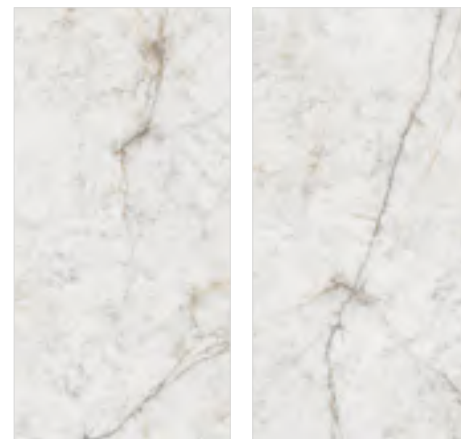


Himalaya Crystal

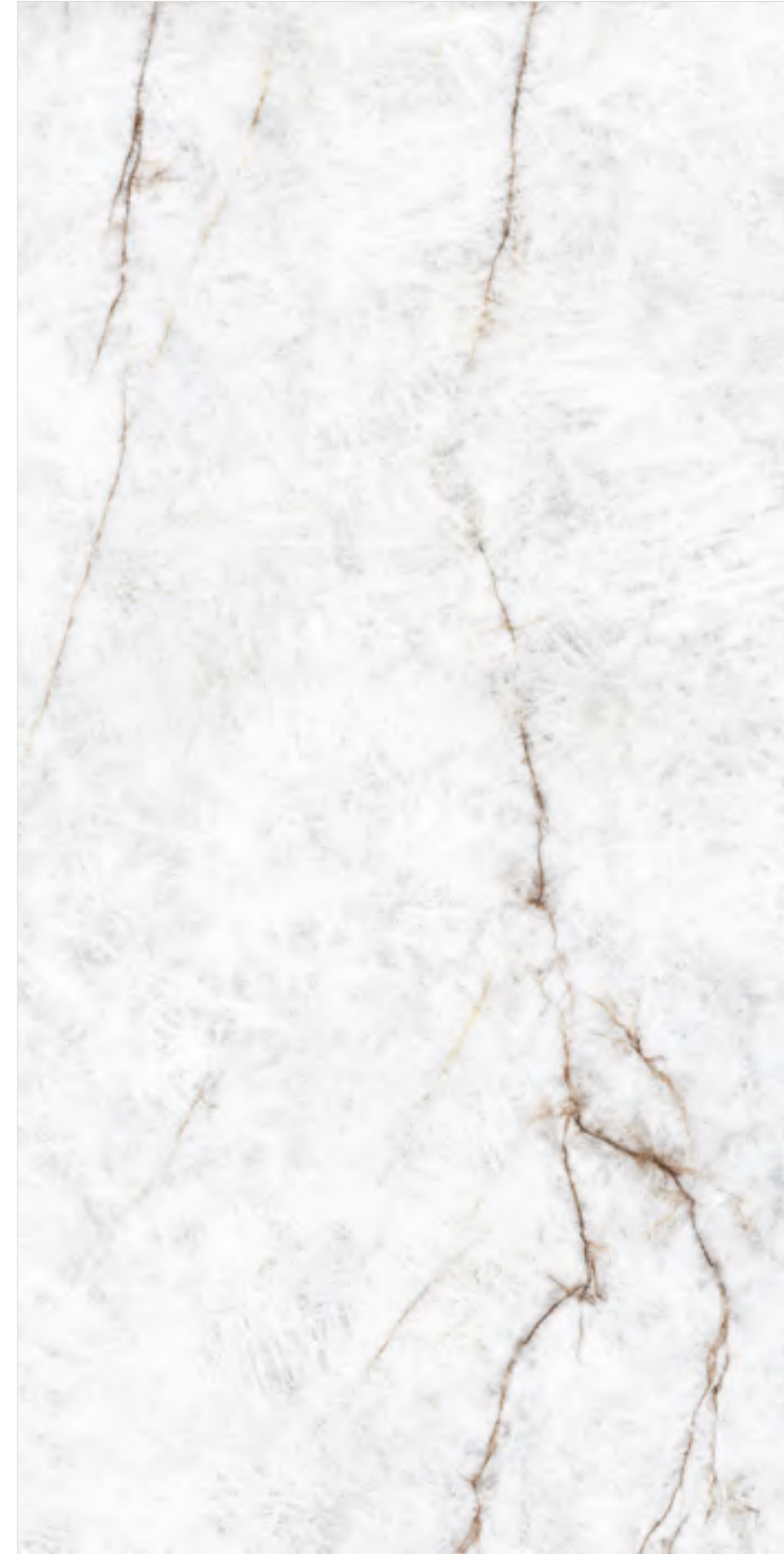
Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



slabtile

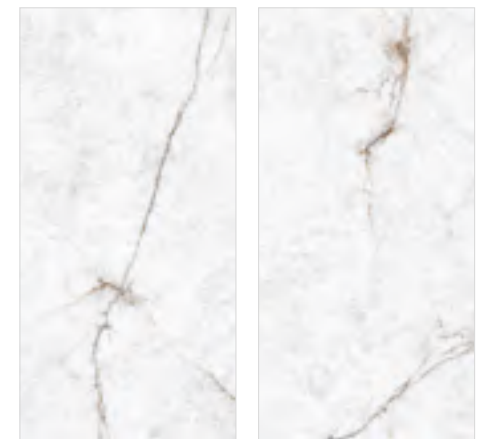


Himalaya Ice

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



Showroom

Wall

Columbia Grey
1200x2400mm

Floor

Columbia Grey
1200x2400mm





Columbia Grey

Available Surface

Polished

1200x2400mm
9mm thickness

Total Faces | 3



slabtile

Columbia Grey



Living Room



Wall

Soul White
1200x2400mm

Floor

Soul White
1200x2400mm

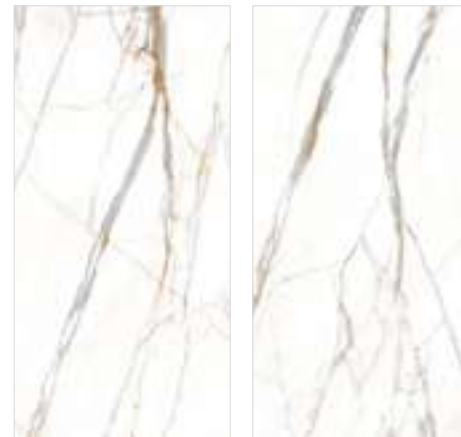


Soul White

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



slabtile

Soul White



Kitchen



Floor
Breccia Siena Silver
1200x2400mm

Restaurant

Wall

Brescia Bianco
1200x2400mm

Floor

Brescia Bianco
1200x2400mm





Breccia Siena **Silver**

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



slabtile



Breccia **Bianco**

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



Dining Area

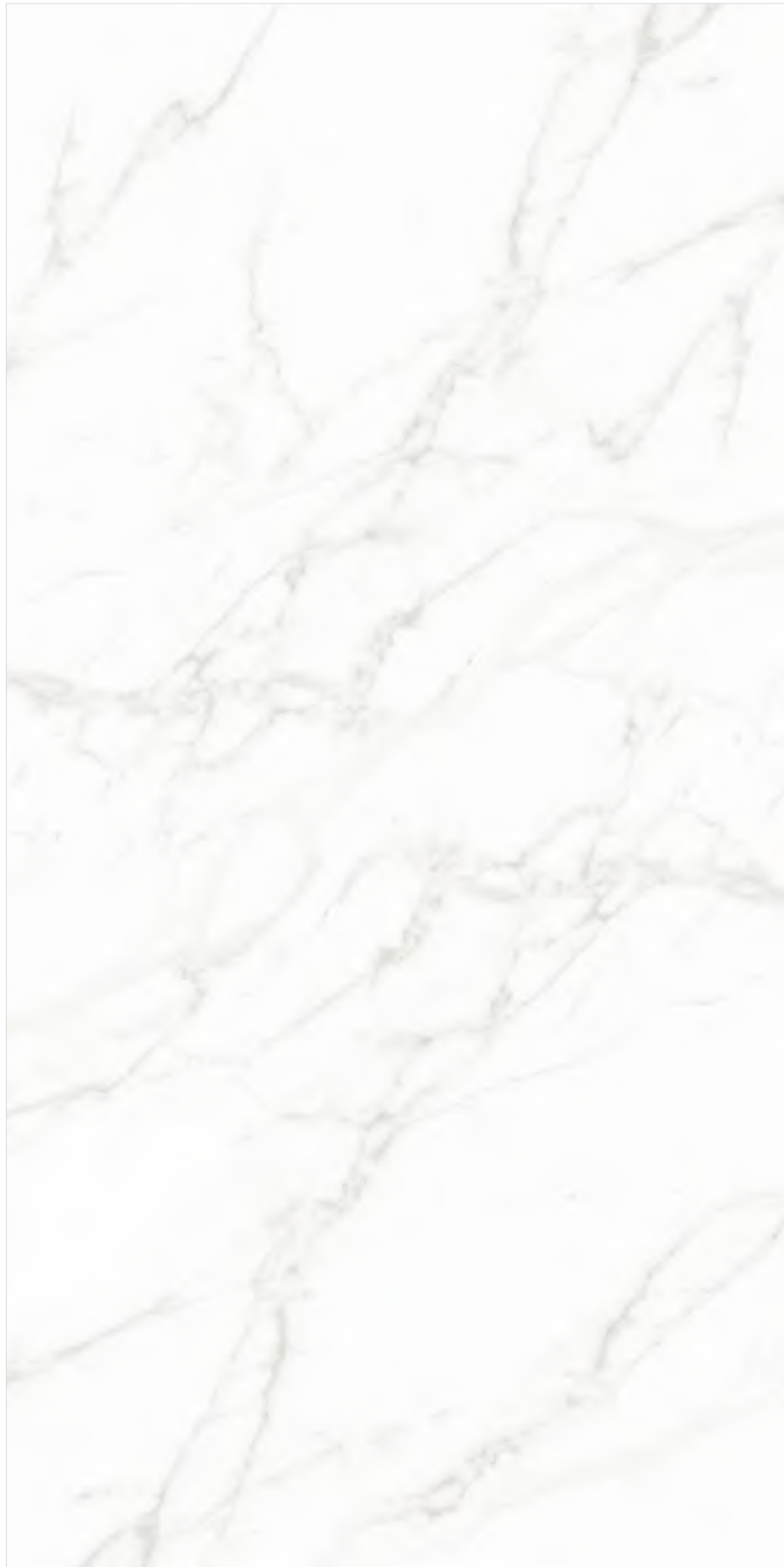
Wall

Kashmir White
1200x2400mm

Floor

Kashmir White
1200x2400mm



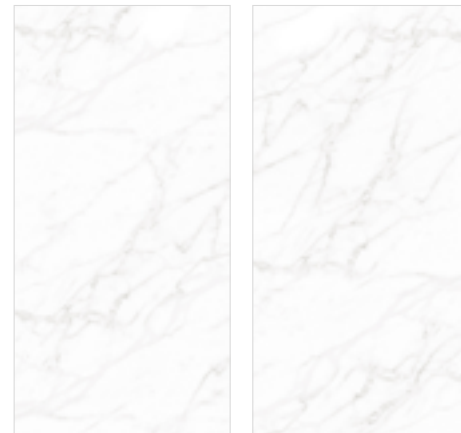


Kashmir White

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



slabtile

Kashmir White



Living Room



Floor
Marfil Bianco
1200x2400mm



Marfil Bianco

Available Surface

Polished

1200x2400mm
9mm thickness

Total Faces | 3



slabtile

Marfil Bianco





Living Room

Wall

Marfil Beige
1200x2400mm

Floor

Marfil Beige
1200x2400mm



Marfil Beige

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 4



Marfil Beige



Reception

Wall
Marseille Natural
1200x2400mm

Floor
Marseille Natural
1200x2400mm



Marseille Natural

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 2



slabtile

Marseille Natural



Reception



Wall

Berline Ivory
1200x2400mm

Floor

??
1200x2400mm



Berlin Ivory

Available Surface
Polished / Digimatt

1200x2400mm
9mm thickness

Total Faces | 3



slabtile

Soul White



polished

DARK COLLECTION

Step into the world of elegance and sophistication with our Polished Dark Collection. These exquisite tiles feature the timeless allure of dark marble, enhanced by a mirror finish that adds a touch of luxury to any space. The mirror-like surface creates captivating reflections, amplifying the beauty of your interiors. Elevate your design vision with the Polished Dark Collection and let your spaces shimmer with opulence.





Living Room

Wall
Pietra Real
1200x2400mm

Floor
Pietra Real
1200x2400mm



Bathroom

Wall

Pietra Gris
1200x2400 mm

Floor

Pietra Gris
1200x2400 mm

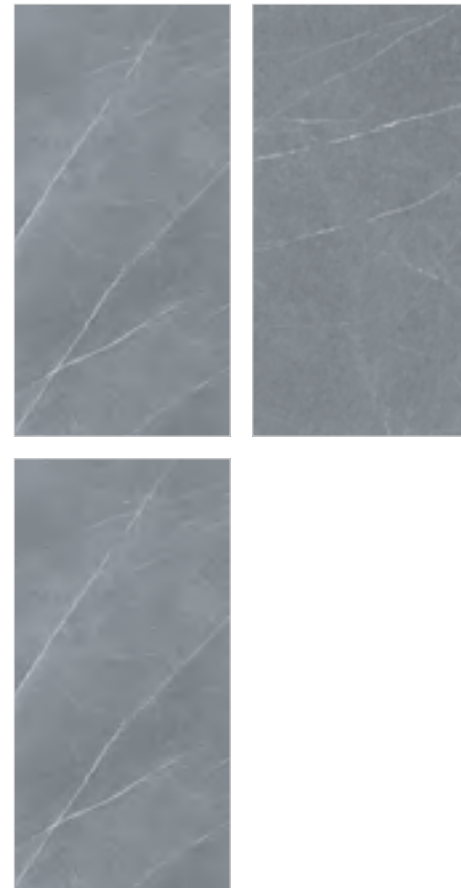


Pietra Gris

Available Surface
Polished

1200x2400mm
9mm thickness

Total Faces | 4

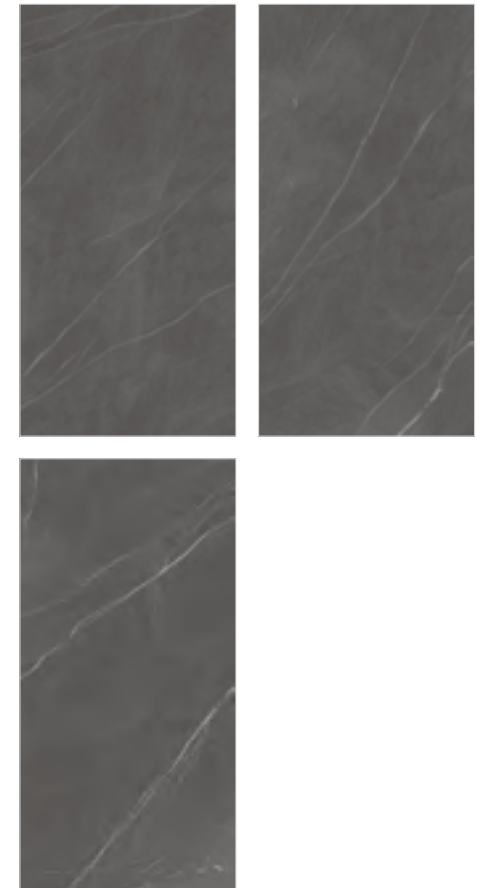


Pietra Real

Available Surface
Polished

1200x2400mm
9mm thickness

Total Faces | 4



Dining Area

Wall

Saint Laurent
1200x2400mm

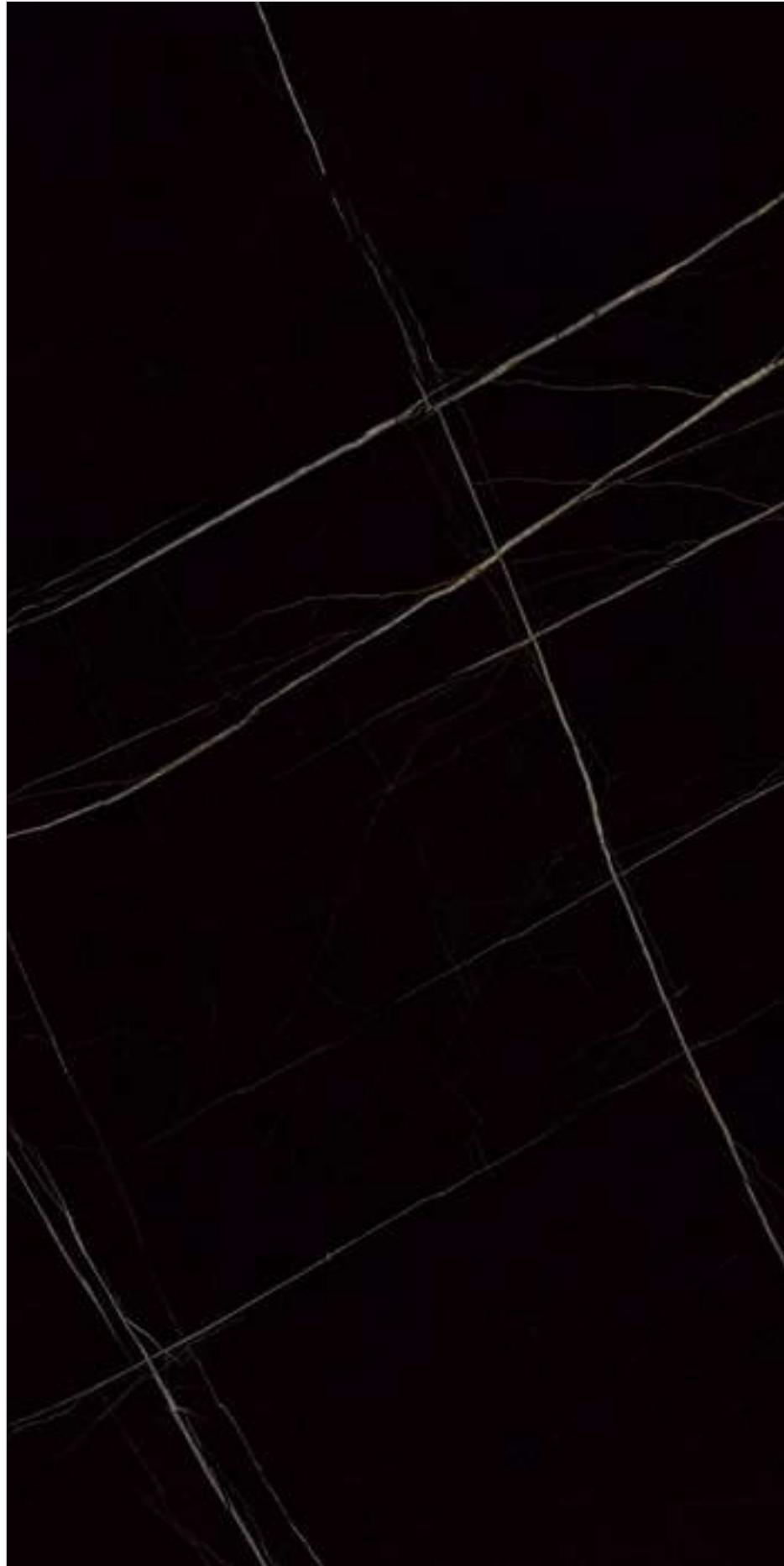
Floor

??
1200x2400mm

Table Top

Saint Laurent
1200x2400mm





Saint Laurent

Available Surface

Polished

1200x2400mm

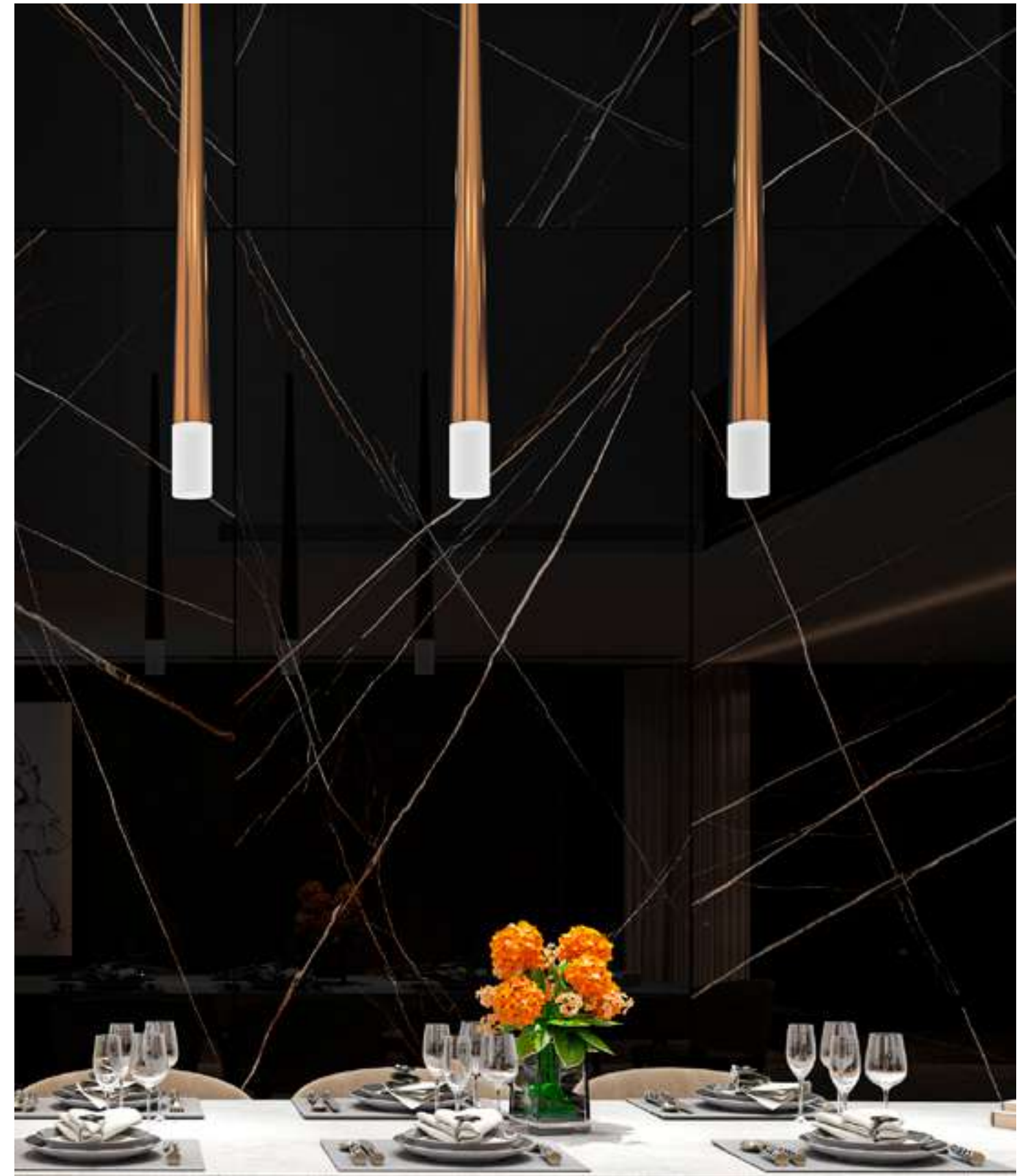
9mm thickness

Total Faces | 3



slabtile

Saint Laurent





Argos Nero

Available Surface
Polished

1200x2400mm
9mm thickness

Total Faces | 2



slabtile



Dining Area

Wall
Argos Nero
1200x2400mm

Living Room



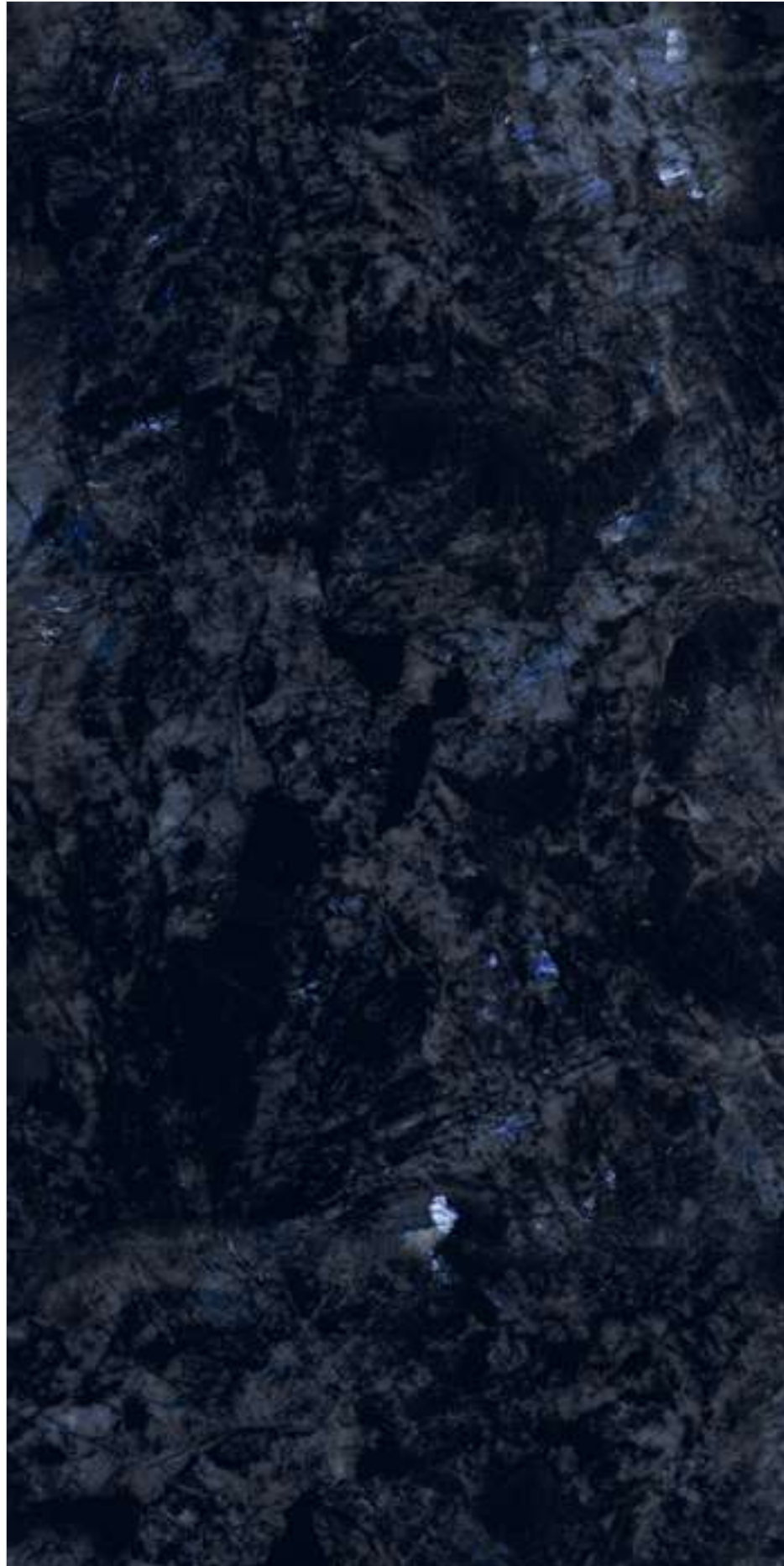
Wall
Madagascar Blue
1200x2400mm



Bathroom

Wall
Volcano Blue
1200x2400mm

Floor
??
1200x2400mm



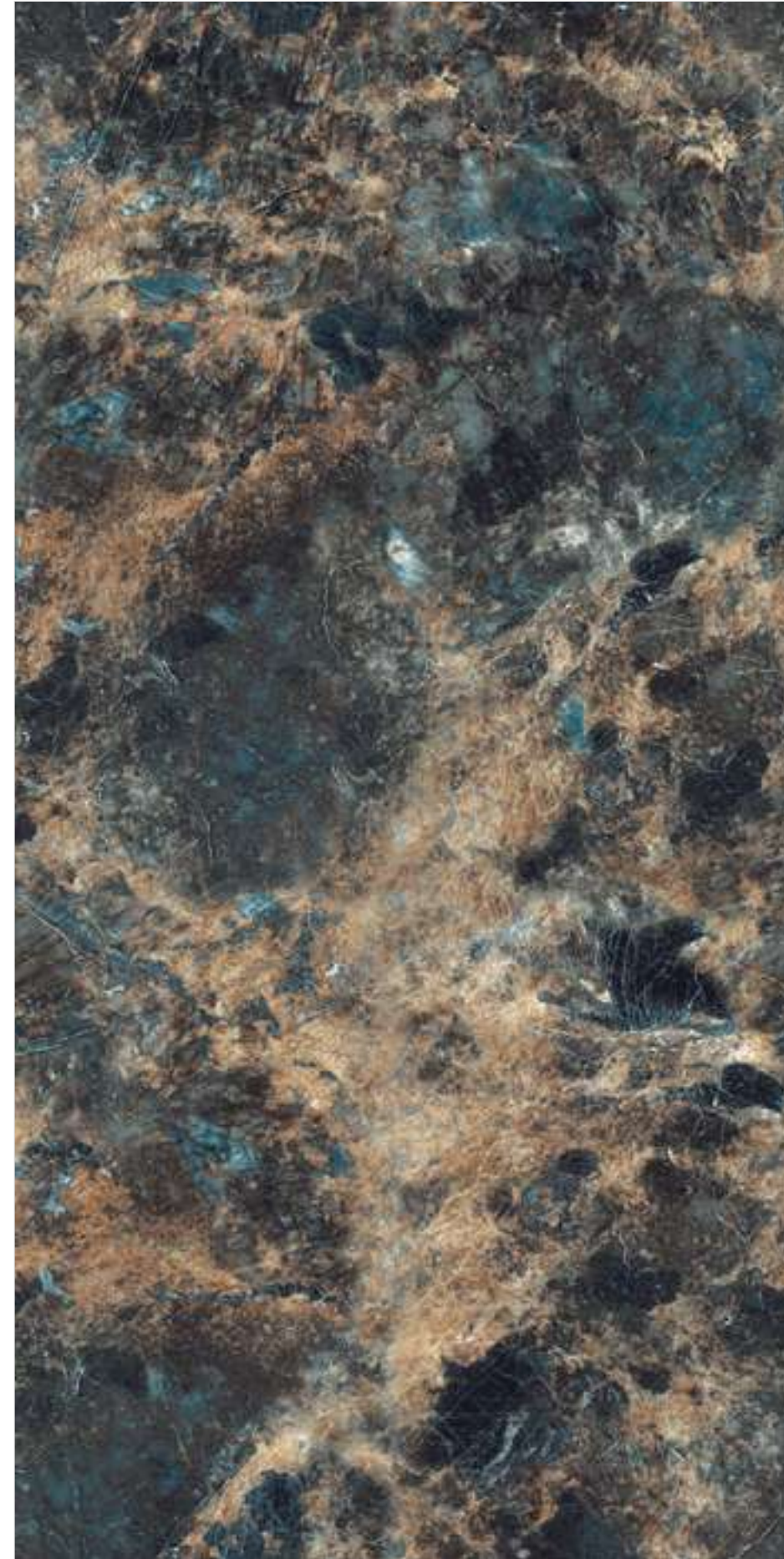
Volcano Blue

Available Surface

Polished

1200x2400mm
9mm thickness

Total Faces | 3



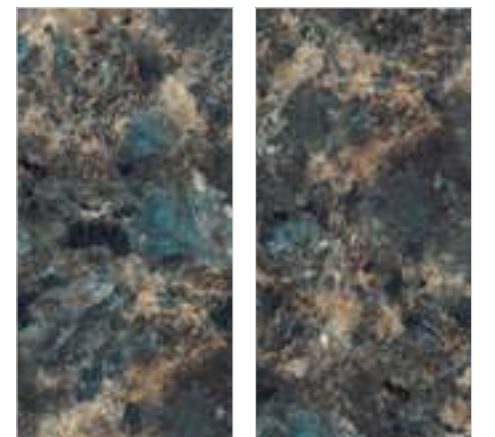
Madagascar Blue

Available Surface

Polished

1200x2400mm
9mm thickness

Total Faces | 3



Showroom



Wall

Sant Luc Azul
1200x2400mm

Floor

Grigio Armani Natural
1200x2400mm



Sant Luc Azul

Available Surface
Polished

1200x2400mm
9mm thickness

Total Faces | 4



Sant Luc Azul





Living Room

Wall
Pink Chianti
1200x2400mm

Floor
Pink Chianti
1200x2400mm



Pink Chiante

Available Surface
Polished

1200x2400mm
9mm thickness

Total Faces | 4



slabtile

Pink Chiante



Showroom

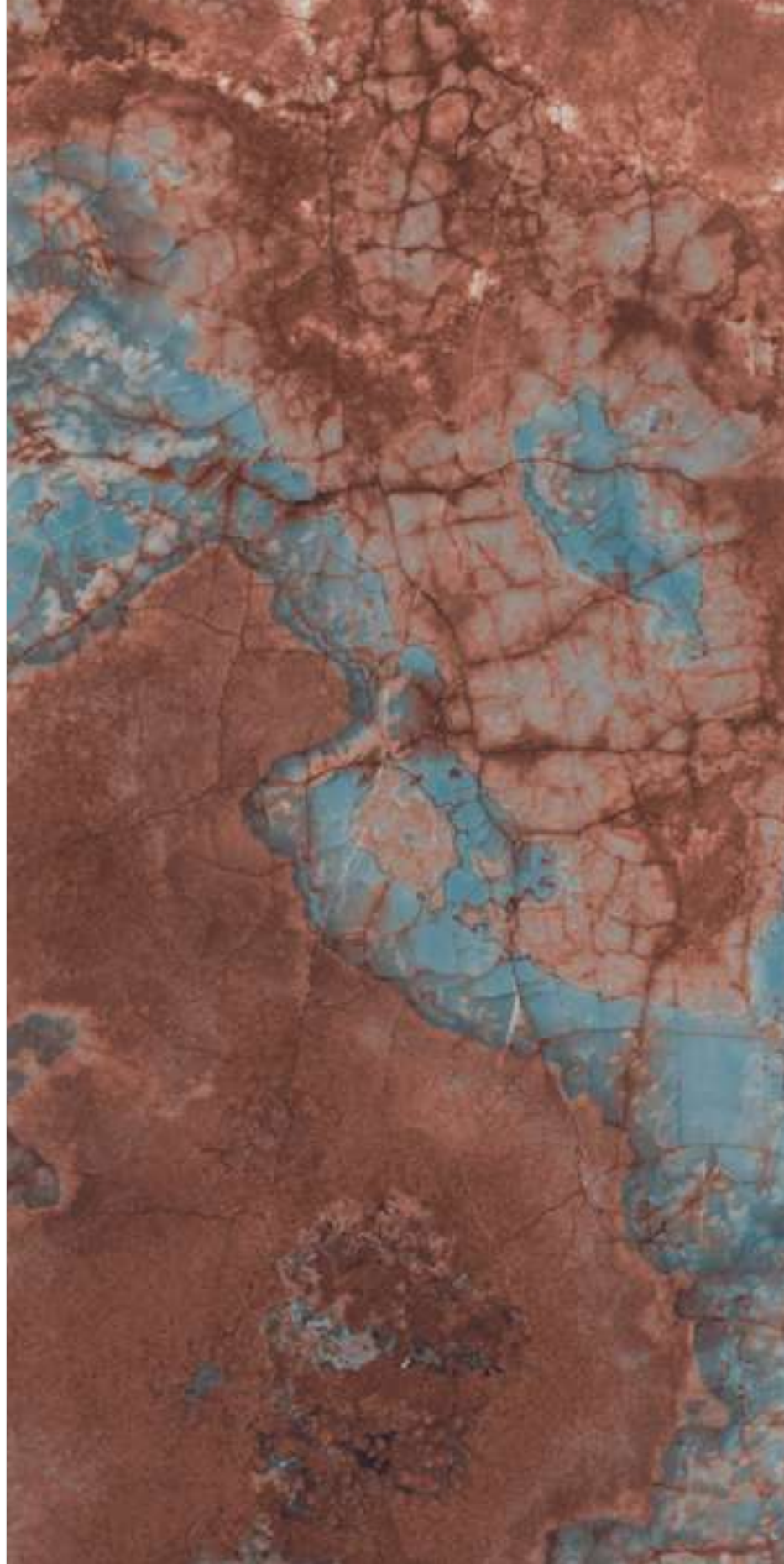


Wall

Lapis Red
1200x2400mm

Floor

??
1200x2400mm



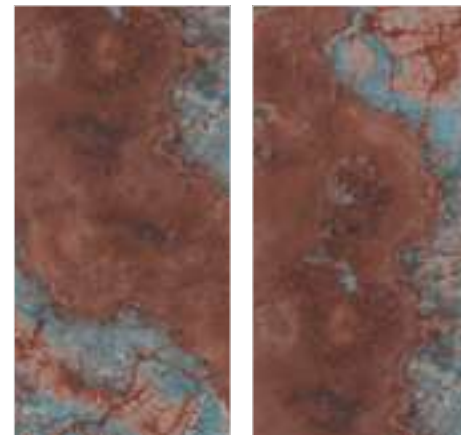
Lapis Red

Available Surface

Polished

1200x2400mm
9mm thickness

Total Faces | 3



Lapis Red



Living Room

Wall
Claros Greek
1200x2400mm

Floor
??
1200x2400mm



Claros Greek

Available Surface

Polished

1200x2400mm
9mm thickness

Total Faces | 3



slabtile

Claros Greek



Living Room

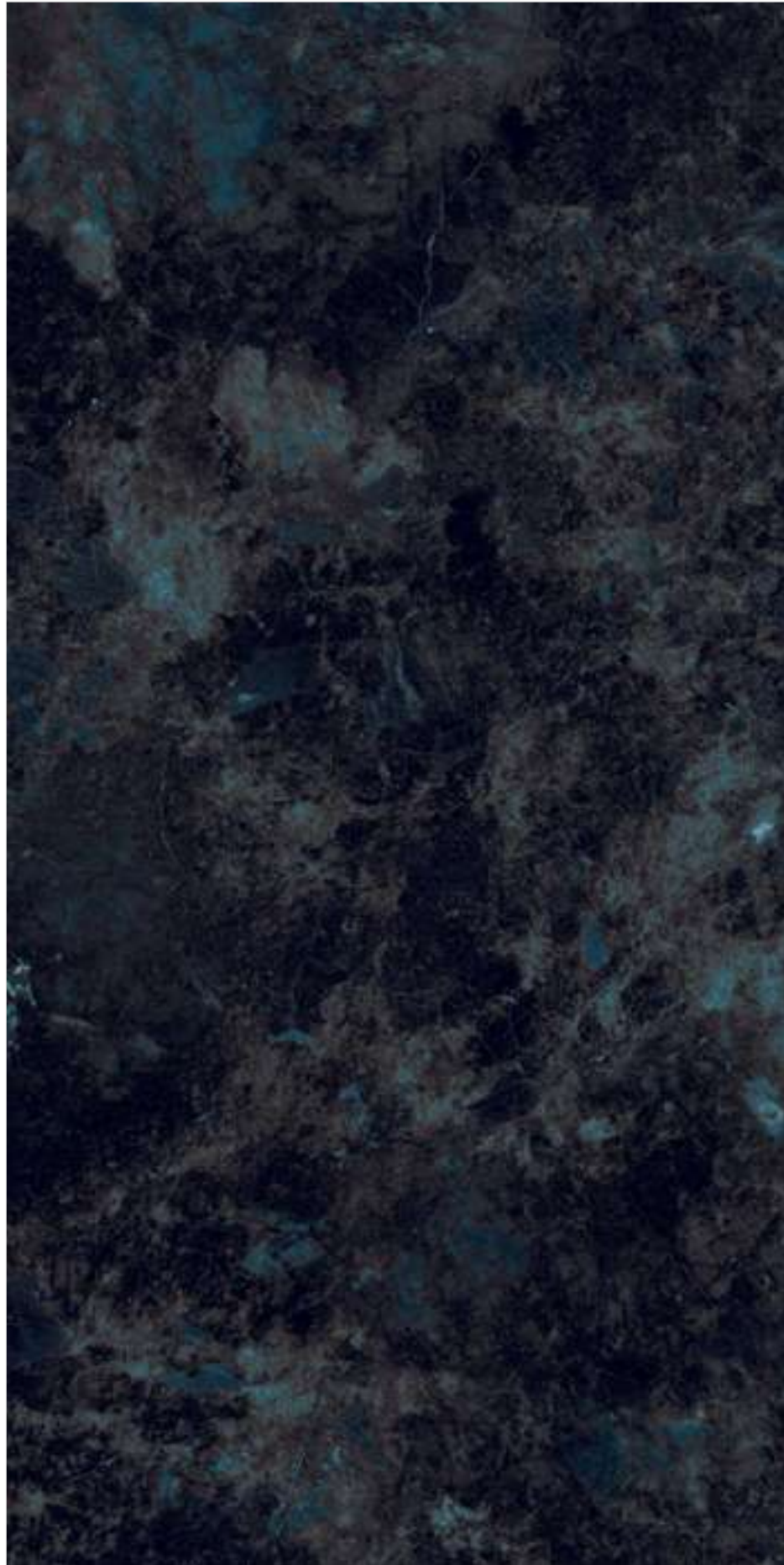
Wall

Lemurian Aqua
1200x2400mm

Floor

??
1200x2400mm





Lemurian Aqua

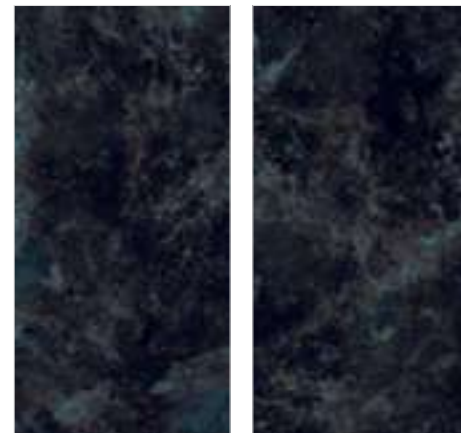
Available Surface

Polished

1200x2400mm

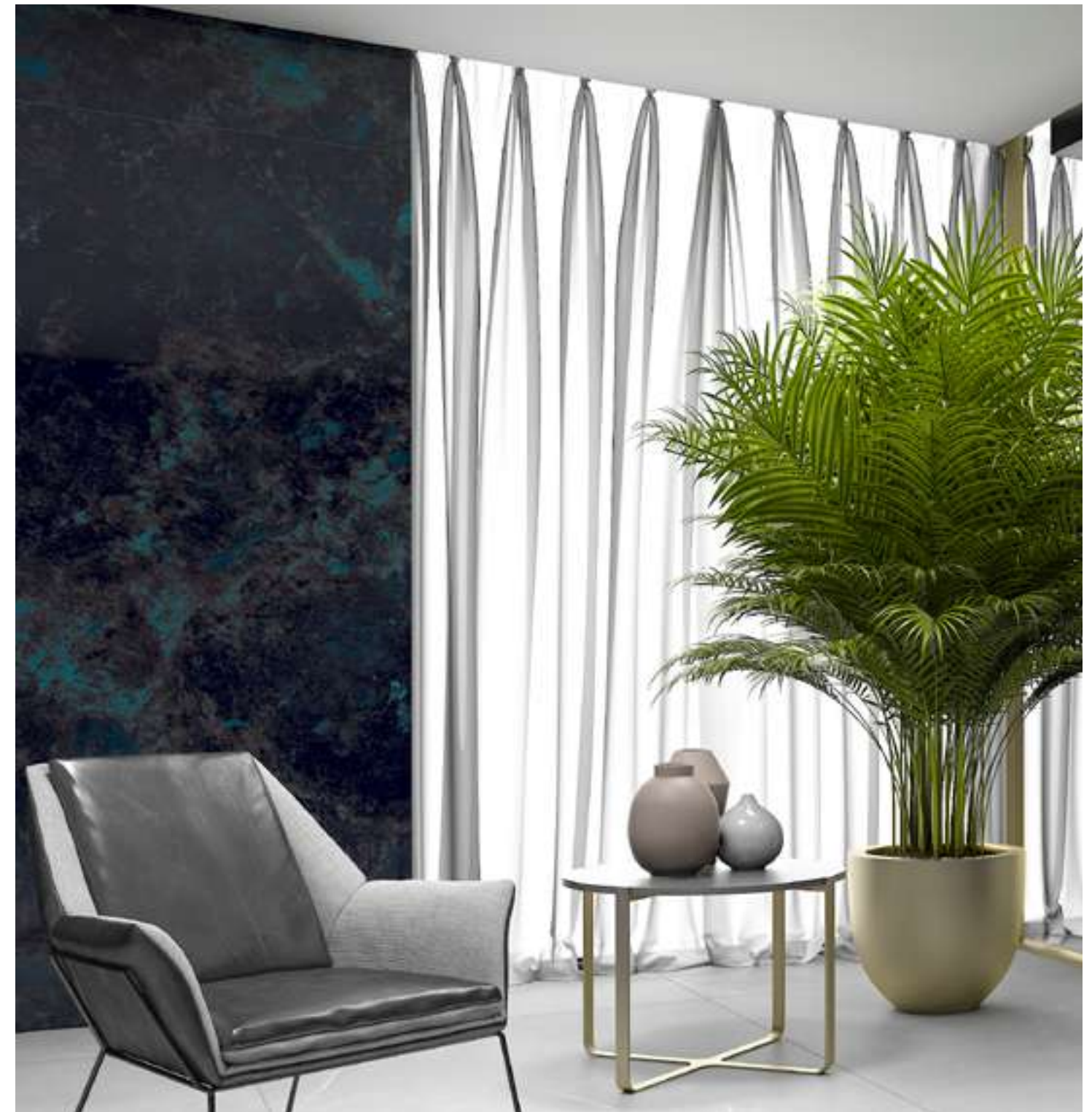
9mm thickness

Total Faces | 3



slabtile

Lemurian Aqua



Restaurant

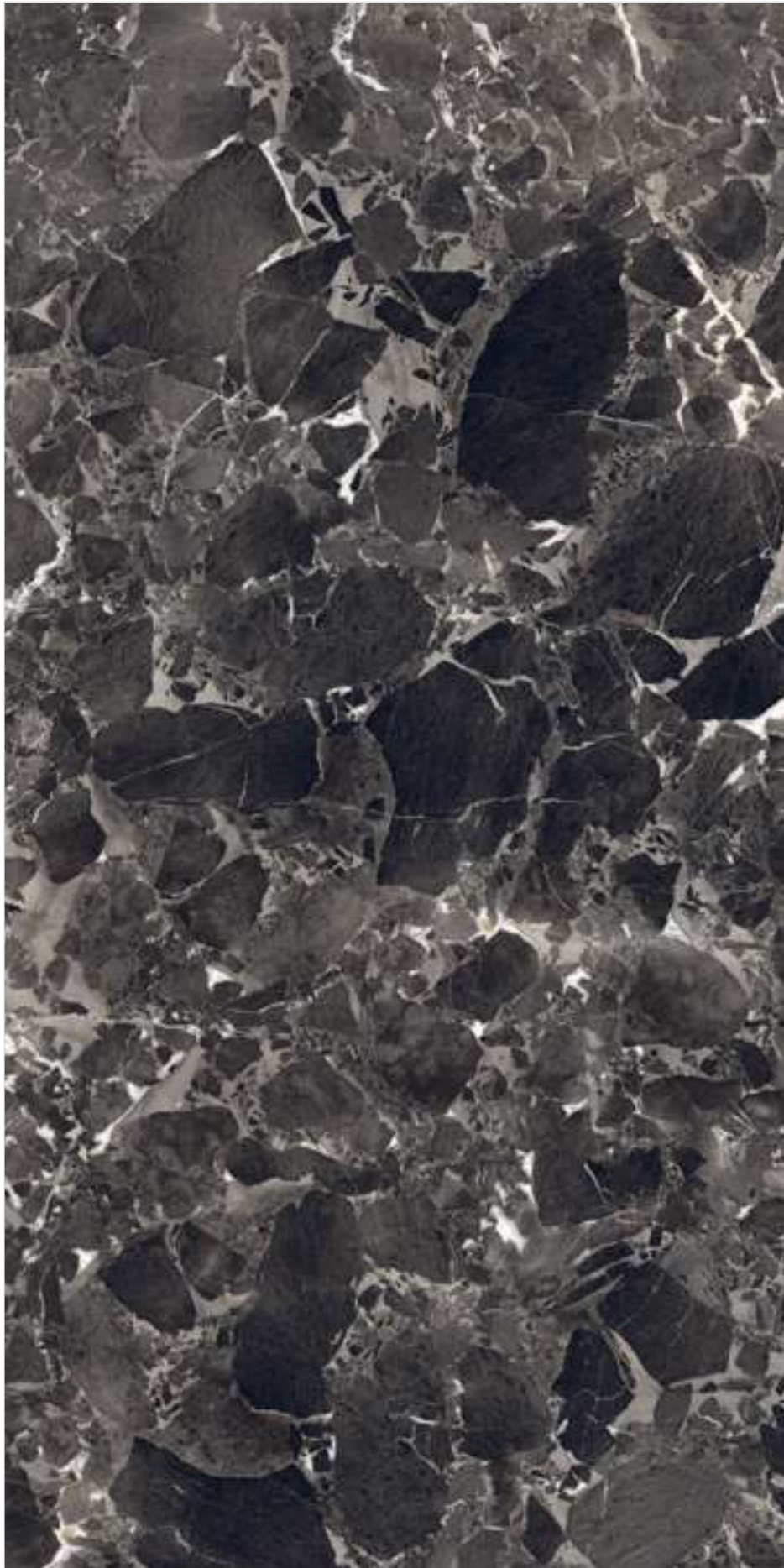
Wall

Zer Stone Black
1200x2400mm

Floor

??
1200x2400mm





Zer Stone Black

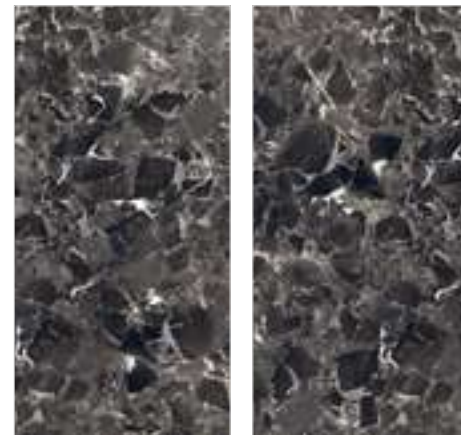
Available Surface

Polished

1200x2400mm

9mm thickness

Total Faces | 3



Zer Stone Black



Reception

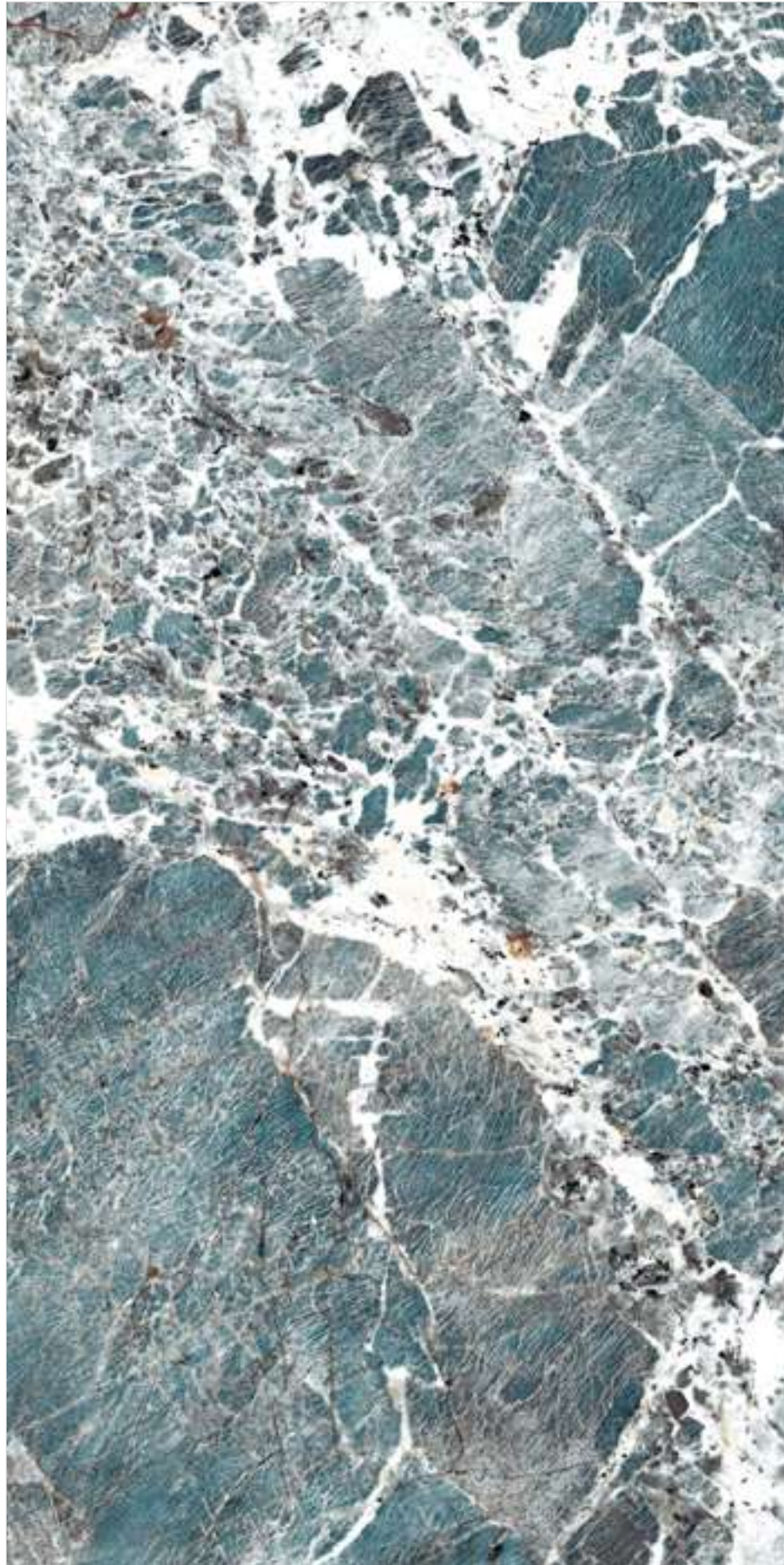


Wall

Amazonite
1200x2400mm

Floor

??
1200x2400mm

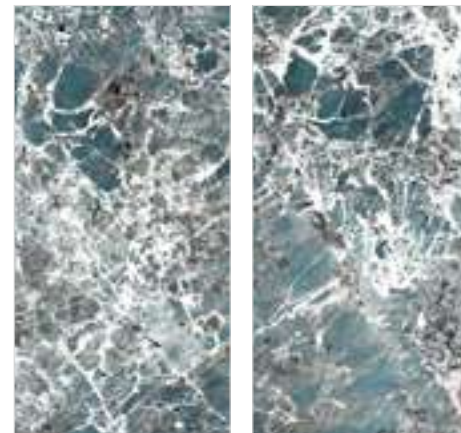


Amazonite

Available Surface
Polished

1200x2400mm
9mm thickness

Total Faces | 3



slabtile

Amazonite



matt & carving
COLLECTION



Explore the artistry of our Matt & Carving Collection, where marble meets creativity. This collection showcases the understated charm of matt and satin finishes, bringing a tactile dimension to your design. What truly sets it apart is the intricate carving effect that adds depth and character to each tile. Immerse yourself in a world of texture and subtlety with the Matt & Carving Collection, where every tile tells a unique story.

Cafeteria



Wall

Arceli Grey
1200x2400mm

Floor

Arceli Grey
1200x2400mm



Arceli Grey

Available Surface
Matt / Carving

1200x2400mm
9mm thickness

Total Faces | 2



Arceli Grey





Office

Wall
Arcelli Crema
1200x2400mm

Floor
Arcelli Crema
1200x2400mm

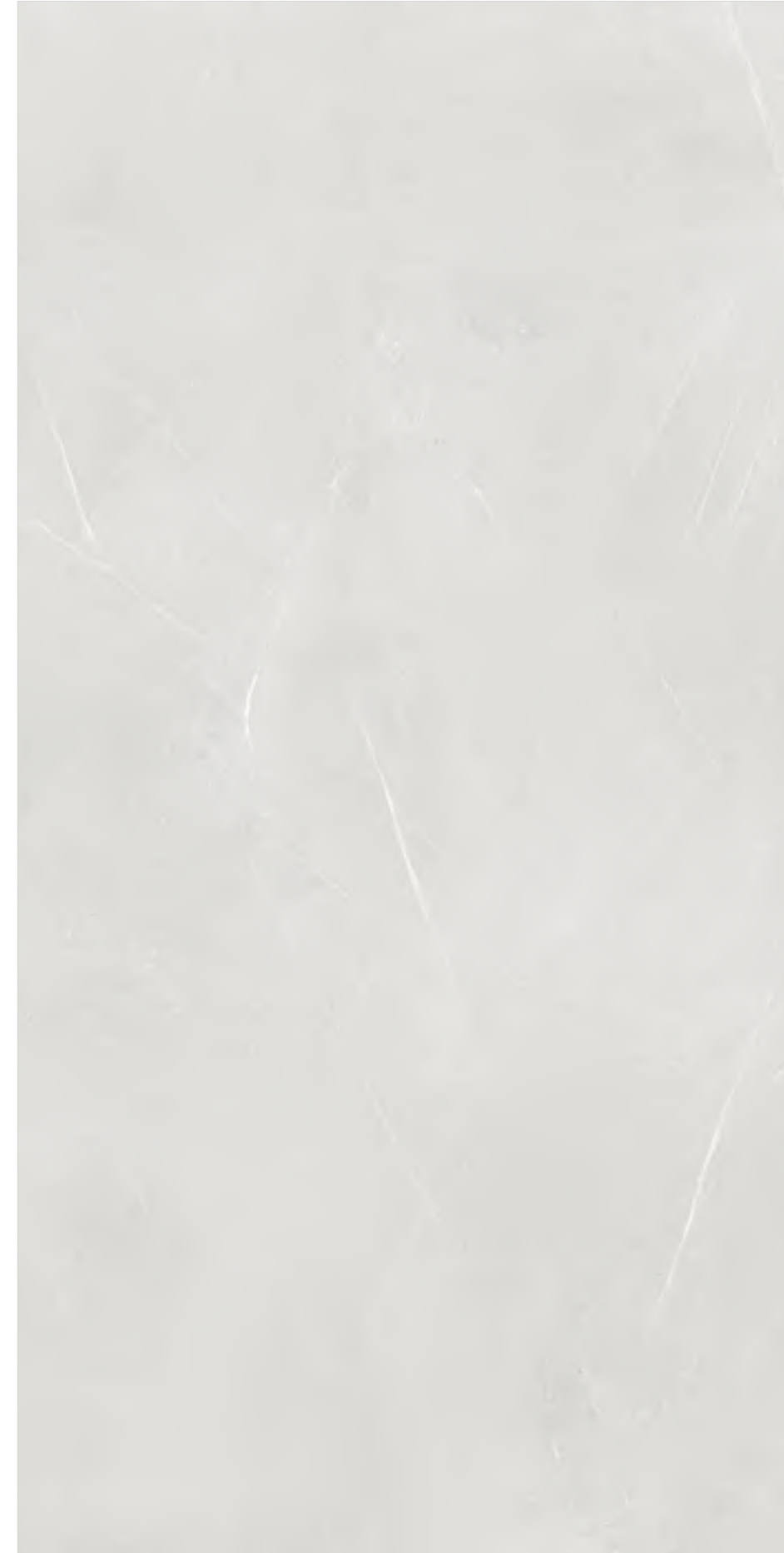


Arceli Crema

Available Surface
Matt / Carving

1200x2400mm
▨ 9mm thickness

Total Faces | 2



Arceli Bianco

Available Surface
Matt / Carving

1200x2400mm
▨ 9mm thickness

Total Faces | 2





Living Room

Wall
Satation Caffè
1200x2400mm

Floor
Satation Caffè
1200x2400mm



Living Room

Wall
Sation Grey
1200x2400mm

Floor
Sation Grey
1200x2400mm



Satation **Caffè**

Available Surface
Matt / Carving

1200x2400mm
9mm thickness

Total Faces | 3



slabtile



Satation **Grey**

Available Surface
Matt / Carving

1200x2400mm
9mm thickness

Total Faces | 3



Swimming Pool

Wall

Amron Steel Grey
1200x2400mm

Floor

??
1200x2400mm





Living Room

Wall
Amron Grefied
1200x2400mm

Floor
Amron Grefied
1200x2400mm

Swimming Pool



Wall

Amron Ligth Grey
1200x2400mm

Floor

Amron Ligth Grey
1200x2400mm



Amron Grefied

Available Surface
Matt

1200x2400mm
9mm thickness

Total Faces | 4

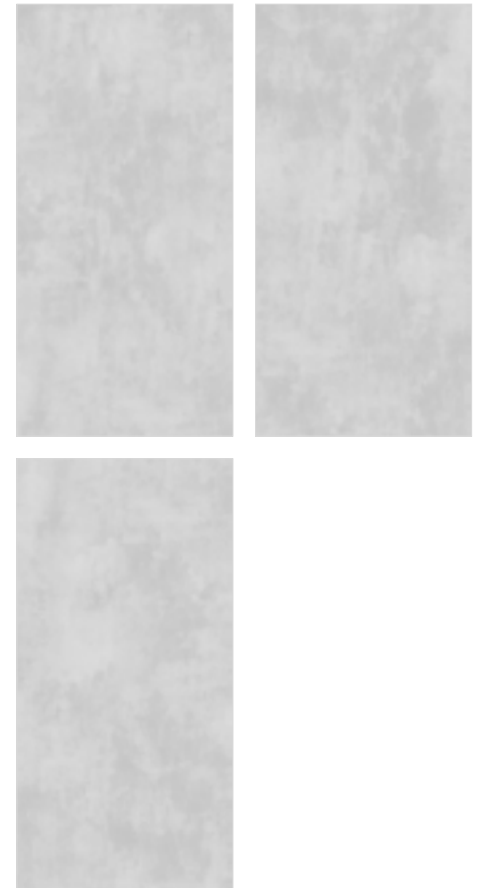


Amron Ligth Grey

Available Surface
Matt

1200x2400mm
9mm thickness

Total Faces | 4





slabtile

Amron Steel Grey

Available Surface
Matt

1200x2400mm
9mm thickness

Total Faces | 4



Amron Steel Grey





Reception

Wall
Cortina Gris
1200x2400mm

Floor
??
1200x2400mm

Bedroom



Wall

Cortina Verde
1200x2400mm

Floor


??
1200x2400mm



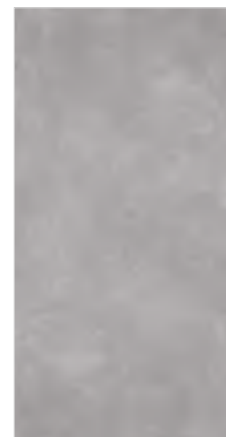
Cortina Verde

Available Surface

Matt

1200x2400mm
 9mm thickness

Total Faces | 2



Cortina Gris

Available Surface

Matt

1200x2400mm
 9mm thickness

Total Faces | 2



Bathroom

Wall

Rockland Caffee
1200x2400mm

Floor

Rockland Caffee
1200x2400mm





Rockland **Caffè**

Available Surface
Matt / Carving

1200x2400mm
▨ 9mm thickness

Total Faces | 2



Rockland **Choco**

Available Surface
Matt / Carving

1200x2400mm
▨ 9mm thickness

Total Faces | 2



Bathroom

Wall

Moon Stone Beige
1200x2400mm

Floor

Moon Stone Beige
1200x2400mm



Hotel Reception

Wall

Moon Stone Grey
1200x2400mm

Floor

Moon Stone Grey
1200x2400mm

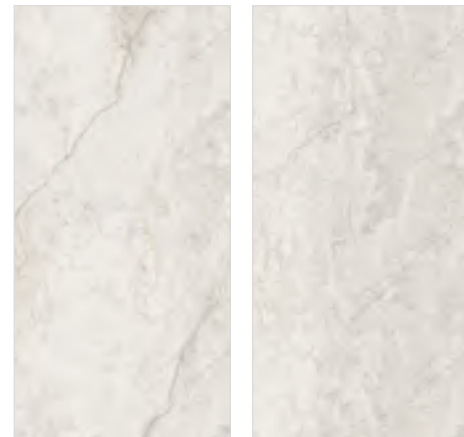


Moon Stone Mist

Available Surface
Carving

1200x2400mm
9mm thickness

Total Faces | 3



Moon Stone Grey

Available Surface
Carving

1200x2400mm
9mm thickness

Total Faces | 3



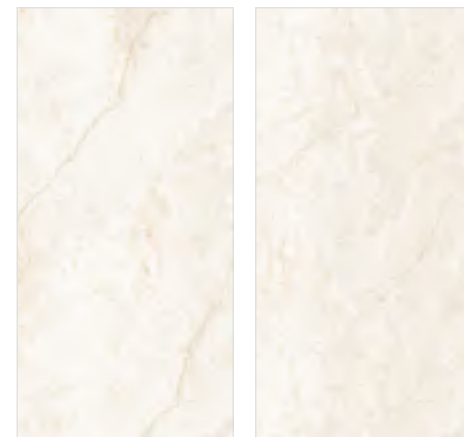


Moon Stone Beige

Available Surface
Carving

1200x2400mm
9mm thickness

Total Faces | 3



slabtile

Moon Stone Beige



Kitchen Area

Wall

Travertine Silver
1200x2400mm

Floor

Travertine Silver
1200x2400mm





Living Room

Wall
Travertine Ivory
1200x2400mm

Floor
Travertine Ivory
1200x2400mm



Travertine **Silver**

Available Surface
Matt / Carving

1200x2400mm
9mm thickness

Total Faces | 3



slabtile

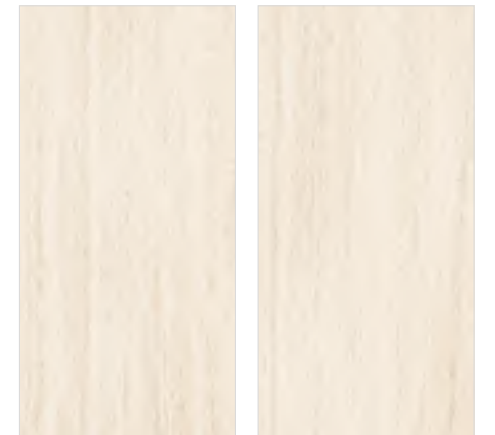


Travertine **Ivory**

Available Surface
Matt / Carving

1200x2400mm
9mm thickness

Total Faces | 3



Technical Specification

SR.NO	PHYSICAL PROPERTIE	TEST METHOD	TEST REQUIREMENT	SIMOLA'S PORCELAIN SLAB PERFORMANCE	REMARKS				
(1) DIMENSION AND SURFACE QUALITY									
1.1	Deviation in length (L) & width (W)								
	(a) The Deviation in percentage of the average size of each tile (2 or 4 sides) from the work size (w)	ISO10545-2	± 1MM	Avg + 0.20mm Avg -0.00mm	Complies				
(b) The deviation in percentage of the average size of each tile (2 or 4 sides) from the average size of the 10 test specimen (20 or 40 side)	Avg + 0.14mm Avg -0.00mm								
1.2	Thickness								
	The deviation in percent of the average thickness of each tile from the worksize thickness	ISO10545-2	± 1MM	Avg + 0.00mm Avg -0.15mm	Complies				
1.3	Straightness of sides								
	The maximum deveiation from rectangularity in percent related to corresponding work size	ISO10545-2	± 0.8MM	Max + 0.14mm Max - 0.16mm	Complies				
1.4	Rectangularity								
	The maximum deveiation from rectangularity in percent related to corresponding work size	ISO10545-2	± 0.8MM	Max + 0.16mm Max - 0.17mm	Complies				
1.5	Surface flatness								
	(a) Centre curvature Centre curvature related to diagonal calculated from the work size.	ISO10545-2	± 1.8 mm	Max + 0.12 mm Max - 0.00 mm	Complies				
	(b) Edge curvature Edge Curvature related to the corresponding work size			Max + 0.14 mm Max - 0.00 mm					
	(c) Warpage Warpage related to diagonal calculated from the work size.			Max + 0.12 mm Max - 0.00 mm					
	± 1.8 mm								
(2) PHYSICAL PROPERTIES									
2.1	Water absorption (%)								
	(a) 0.109 % (b) 0.111% (c) 0.118% (d) 0.105% (e) 0.108%	ISO10545-3	Require as per saso ISO 13006 e 0.50% Individual maximum 0.60%	Avg. 0.11%	Complies				
	Modulus of rupturee (MOR)								
	(a) 38.29 N/mm ² (b) 39.43 N/mm ² (c) 39.23 N/mm ² (d) 37.57 N/mm ² (e) 37.32 N/mm ² (f) 42.46 N/mm ² (g) 40.51 N/mm ² (h) 39.37 N/mm ²					ISO10545-4	Minimum 35 Individual maximum 32	Avg. 39.27 N/mm ²	Complies
	Breaking strength in (N)								
(a) 1716.48 N (b) 1795.95 N (c) 1788.15 N (d) 1692.60 N (e) 1787.15 N (f) 1959.75 N (g) 1887.60 N (h) 1816.91 N	ISO10545-4								
Crazing resistance									
	ISO10545-11	No crazing in two cycle one hour duration at a steam pressure of 750±20Kpa 6 Nos of tiles ware subjected to autoclaving at a steam pressure of 750±20Kpa of saturated steam for two hour consisting of two cycle. None of the tiles show any sign of the crazing on the glaze surface and the lot pass the test	PASSED THE TEST	Complies					
2.5	Thermal shock resistance	ISO10545-9	Require 10 Cycle min	15/145°c 10 cycle	Complies				

2.6	Co Efficient of linear thermal expantion				
	Expantion from ambient temperature to 100 C (K-1)	ISO10545-8	Require 9X10 ⁻⁶ Max	4.74X10 ⁻⁶	Complies
2.7	Resistance to surface abrasion	ISO10545-7	Visual failure was observed at 6000 revolution when the tiles ware subjected to abrasion stage of 150,600,750,1500,2100 upto 6000 revolution, 2100 revolution pass.	2100 revolution pass	Class IV
2.8	Moisture expansion mm/m	ISO10545-10	0.02 mm/m max	No expansion	Complies
2.9	Scratch Hardness of surface (MOH's Scale)	ISO13630-13	5 Moh's scal	5 Moh's	Complies
2.10	Bulk Density	ISO10545-3	2.2MIN	2.2764g/cc	Complies
2.11	Impact Resistance	ISO10545-5	0.55 Min	0.57	Complies
(3) CHEMICAL PROPERTIES					
3.1	"House hold chemical resistance Ammonium chlorine solution 100 G/L"	ISO10545-13	Min Class-GC	Class GA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
3.2	"Swimming Pool Salt Sodium hypochlorite solution, 20 mg/L"	ISO10545-13	Min Class-GC	Class GA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
3.3	Acid & alkalies				
3.3 (A)	Low concentration (L)				
	(a) Hydrochloric acid solution 3% (V/V)	ISO10545-13	Min Class-GLC	Class GLA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
	(b) Citric acid soln. 100gm/l	ISO10545-13	Min Class-GLC	Class GLA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
	(c) Potassium Hydroxide soln 30 gm/l	ISO10545-13	Min Class-GLC	Class GLA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
3.3 (B)	High concentration (H)				
	(a) Hydrochloric acid solution 18% (V/V)	ISO10545-13	Min Class-GHC	Class GLA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
	(b) Lactic Acid Soln. 5% (V/V)	ISO10545-13	Min Class-GHC	Class GLA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
	(c) Potassuim Hydroxide Soln. 200gm/l (V/V)	ISO10545-13	Min Class-GHC	Class GLA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
3.4	Resistance to satin		Stain put on tiles up to 24 hrs		
	Red past in light oil (Fe2O3)	Stain removed by hot water	Min Class - 3	Class -5	Complies
	Loding in alcohol 13g/l	Stain removed by hot weak cleaning agent	Min Class - 3	Class -4	
	Olive oil	Stain removed by hot water	Min Class - 3	Class -5	
Lead and cadium release in mg/dm ²					
3.5	Lead releases Test Solution Acietic acid solution 4% (V/V) (In 960 ml distilled water)	Digestion time -24 hrs (20±2°) Detected by ED XRF	0.1 mg/dm ²	0.00 mg/dm ²	Complies
	Cadmium Release Test Solution Acietic acid solution 4% (V/V) (In 960 ml distilled water)	Digestion time -24 hrs (20±2°) Detected by ED XRF	0.1 mg/dm ²	0.00 mg/dm ²	Complies
3.6	Small colour differences	ISO10545-9	Require 10 Cycle min	Δ E < 0.75	No Difference



SOUTHINDIATILES

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