

COLLECTION

2024

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Head Office : No.7, Bahar Dd.END
Molasadra ST, Vanak , Tehran, IRAN
Telefax : +9821 88069100-200

palermoceram.com

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PALERMO BOOK.24

Palermo
PORCELAIN CERAMIC

Palermo
PORCELAIN CERAMIC

COLLECTION

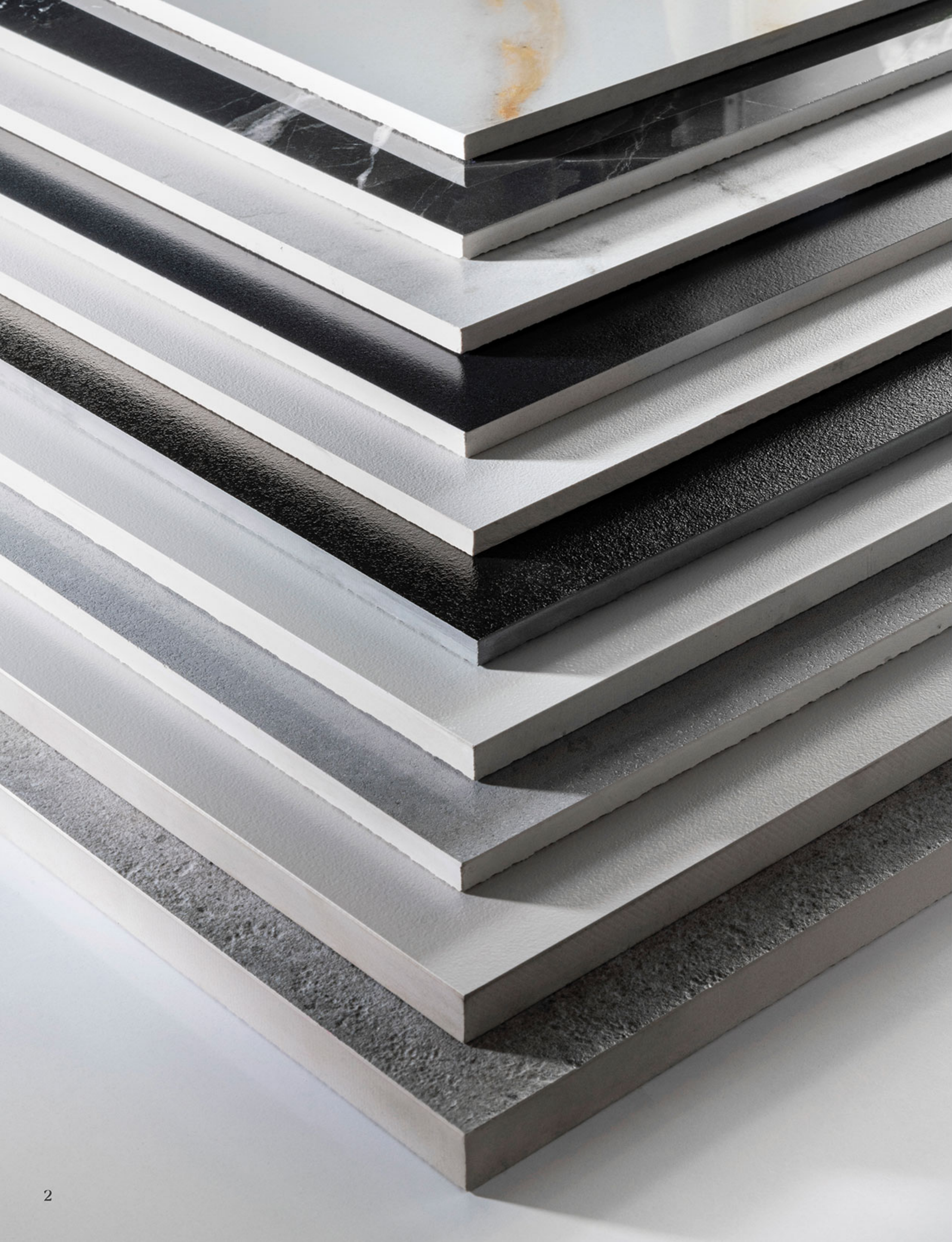
2024

ALPHABETICAL INDEX

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BOOK.24

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PORCELAIN CERAMIC



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THIS IS
Palermo
Turnkey Solutions
for **Architecture**

Palermo is an Iranian company created to offer the market, a high quality product with an original design with strong personality .

Palermo production philosophy based on this fact that nothing is impossible .Our team consists of a multidisciplinary of Iranian experts that efficiently combines creativity and experience, this is how we get a balance between innovation and quality . so we can serve what the market demands at all time .

Palermo company policy has always used advanced technology that is available in Italy whether in machinery or production . We try to meet all the requests of the various applicants .

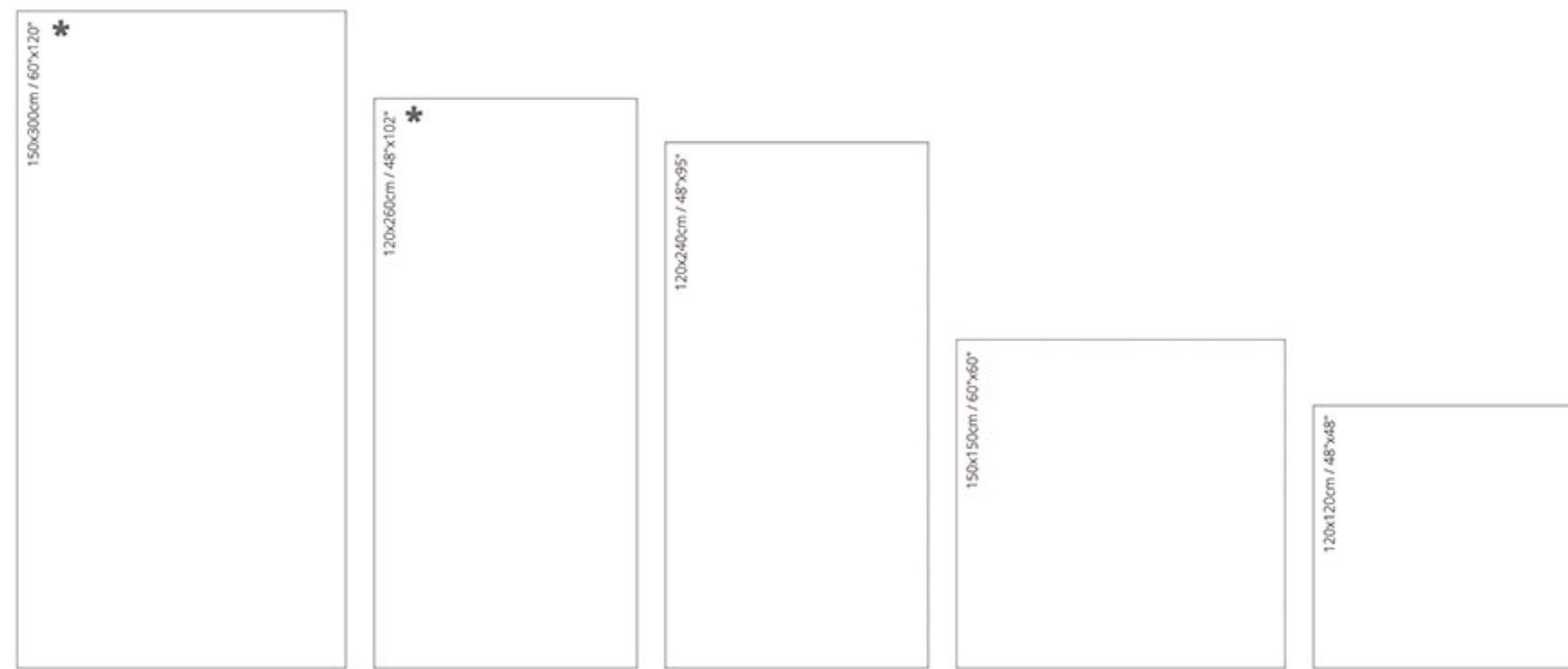
Palermo is the first company that produces 150X300cm slabs, We have this honor to say this size is one of its kind in the whole country .





IMPROVED SIZES FOR WALL AND FLOOR.

Palermo developed dedicated solutions for architecture and interior design, optimising modularity and surface dimensions. The convenient sizes ideal for wall installation and the large Format porcelain slabs provide beauty and functionality every day.



5 SIZE / 2 EXCLUSIVE SIZE *

EXCLUSIVE SURFACES.











The depth of ceramic culture is expressed through a range of unique processes, which create natural and silky effects, looks that resemble time-worn stones, and glossy and mirror surfaces; technological evolution is an unstoppable force, defining more and more exclusive products.



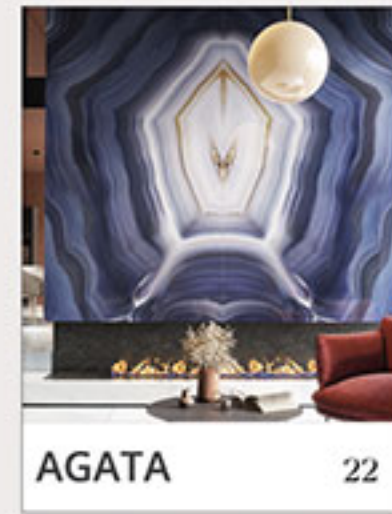
- | | | |
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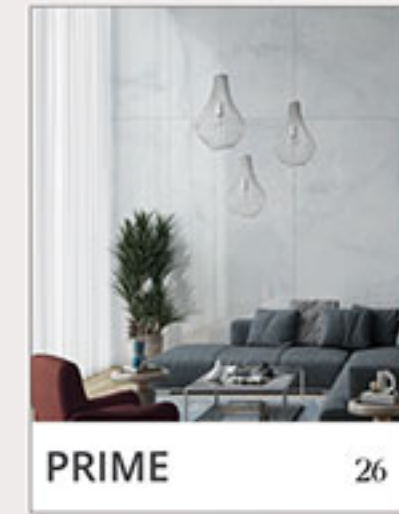
APPLICATIONS

-  Residential
-  Garden & pool
-  Hotels
-  Office
-  Restaurant
-  Shops
-  Malls
-  Public spaces
-  Airports
-  Train station

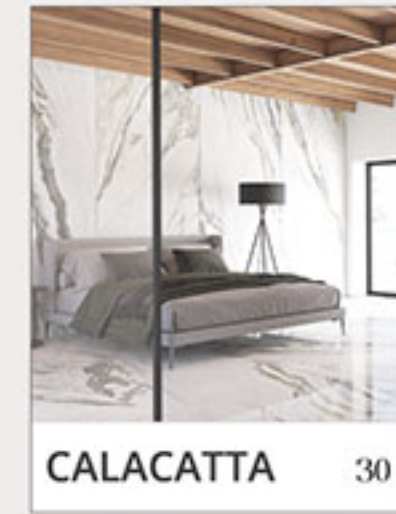
PALERMO[©] COLLECTIONS



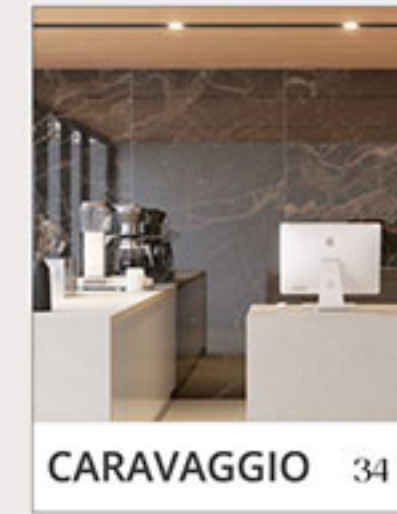
AGATA 22



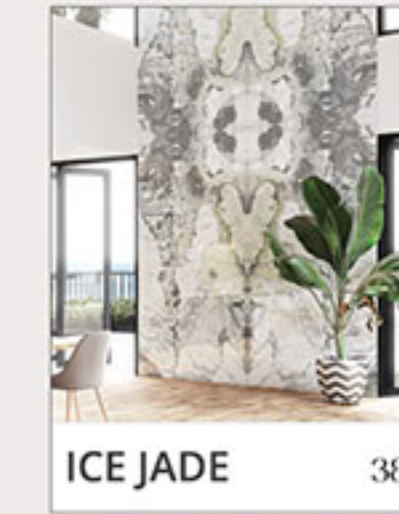
PRIME 26



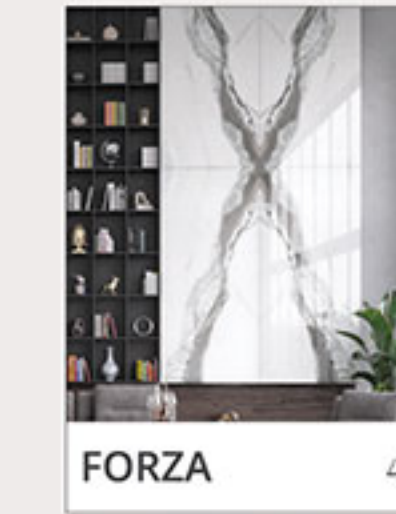
CALACATTA 30



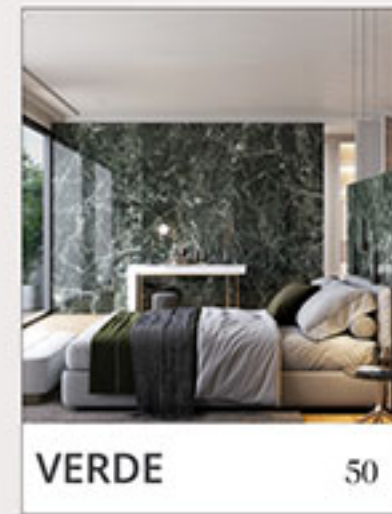
CARAVAGGIO 34



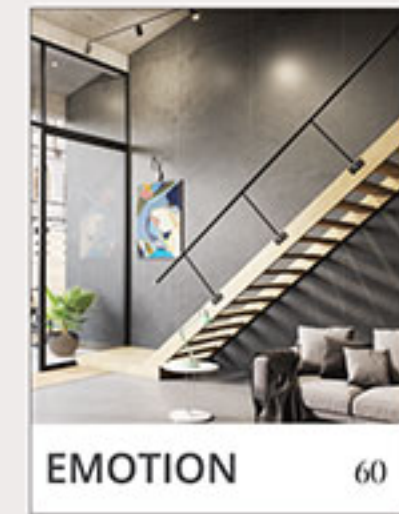
ICE JADE 38



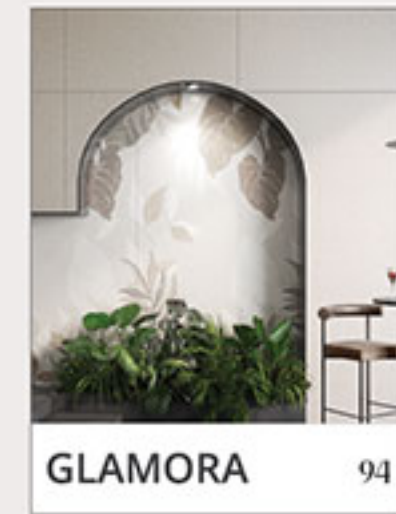
FORZA 42



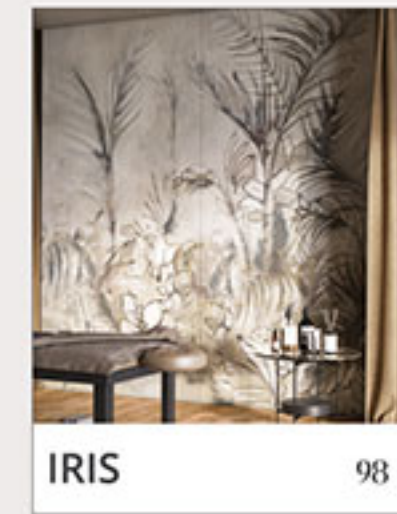
VERDE 50



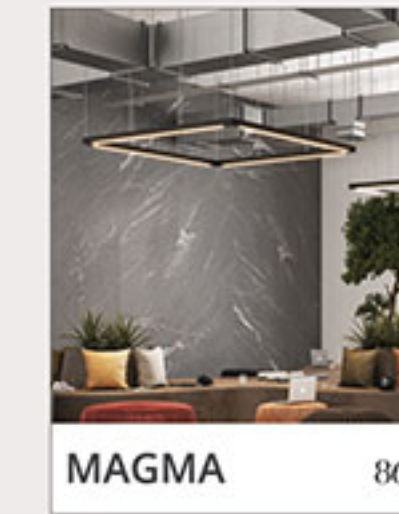
EMOTION 60



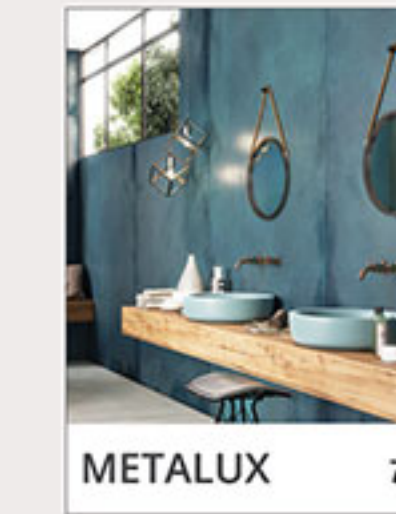
GLAMORA 94



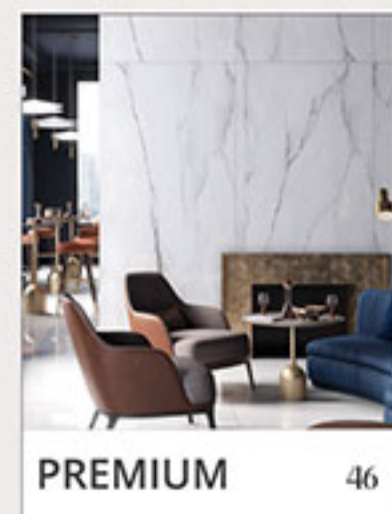
IRIS 98



MAGMA 86



METALUX 72



PREMIUM 46

INDEX BY SIZE & SURFACES

THICKNESS \approx 9 mm



120x120 cm
47^{1/4}"x47^{1/4}"



150x150 cm
59"x59"



120x240 cm
47^{1/4}"x94^{1/2}"



120x260 cm
47^{1/4}"x102^{1/2}"



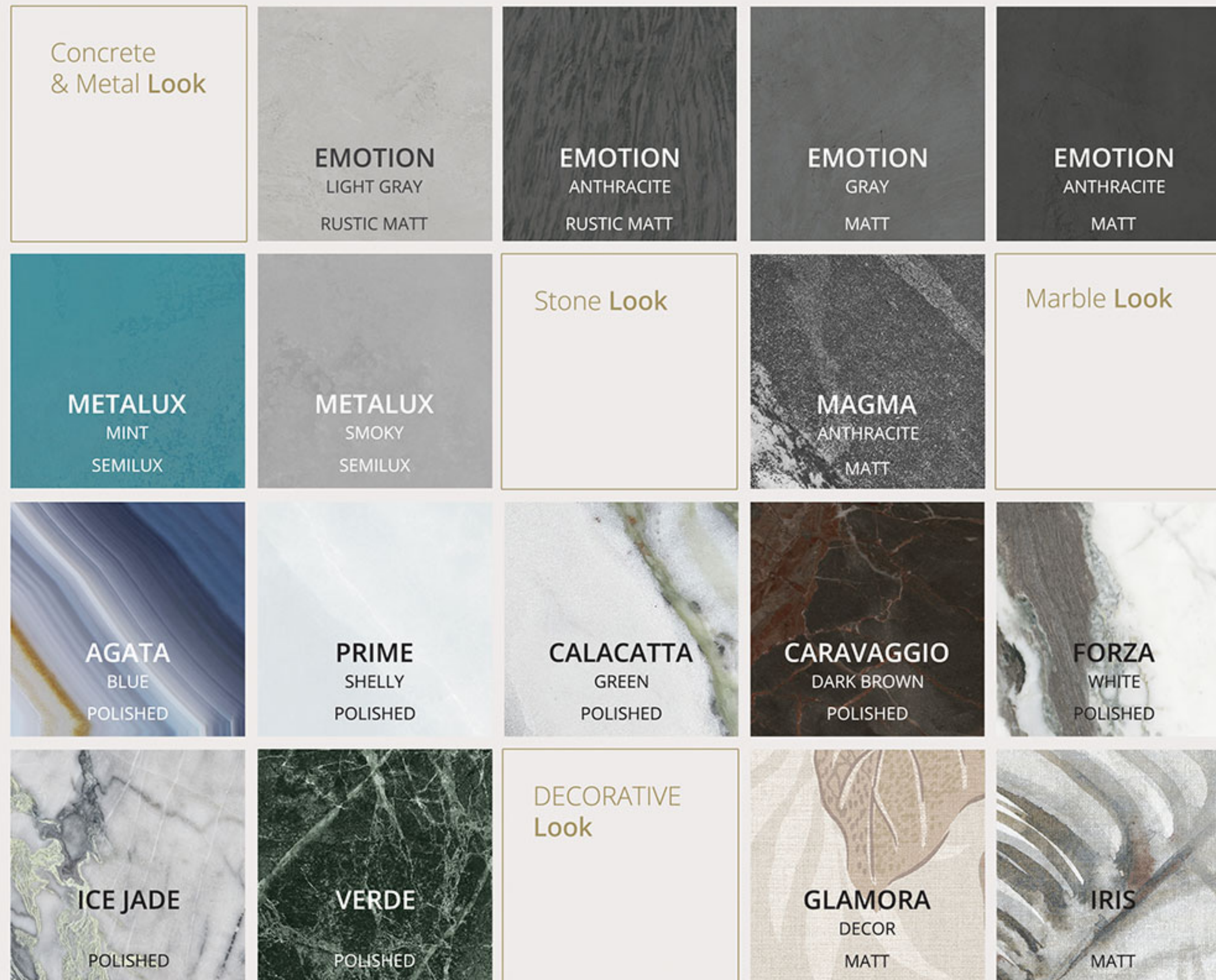
150x300 cm
59"x118"

	COLLECTIONS	PAGE	120x120 cm 47 ^{1/4} "x47 ^{1/4} "			150x150 cm 59"x59"			120x240 cm 47 ^{1/4} "x94 ^{1/2} "			120x260 cm 47 ^{1/4} "x102 ^{1/2} "			150x300 cm 59"x118"			
			POLISHED	MATT	SEMILUX	POLISHED	MATT	SEMILUX	POLISHED	MATT	SEMILUX	POLISHED	MATT	SEMILUX	POLISHED	MATT	SEMILUX	
MARBLE LOOK	AGATA Blue	20-23																
	CALACATTA Green	28-31																
	CARAVAGGIO D.Brown	32-35																
	FORZA White	40-43																
	ICE JADE	36-39																
	PREMIUM White	44-47																
	PRIME Shelly	24-27																
CONCRETE & METAL LOOK	VERDE	48-51																
	EMOTION	58-71																
STONE LOOK	METALUX	72-79																
	MAGMA	84-87																
DECORATIVE	GLAMORA	92-95																
	IRIS	96-99																

The samples photographed are intended to give an approximate idea of the product; the colours and textures shown are not binding.

COLLECTION 2024

ALPHABETICAL INDEX



AGATA	20-23
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LOOK INDEX

Concrete
& Metal Look

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Stone Look

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-------	-------

Marble Look

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VERDE	48-51

DECORATIVE

GLAMORA	92-95
IRIS	96-99

The samples photographed are intended to give an approximate idea of the product; the colours and textures shown are not binding.

COLLECTION
2024

SLAB
BOOK.24

O Marble

20-23	Agata
28-31	Calacatta Green
32-35	Caravaggio
39-42	Forza
35-38	Ice Jade
43-46	Premium
24-27	Prime
47-50	Verde
51-54	Marble Collection

AGATA

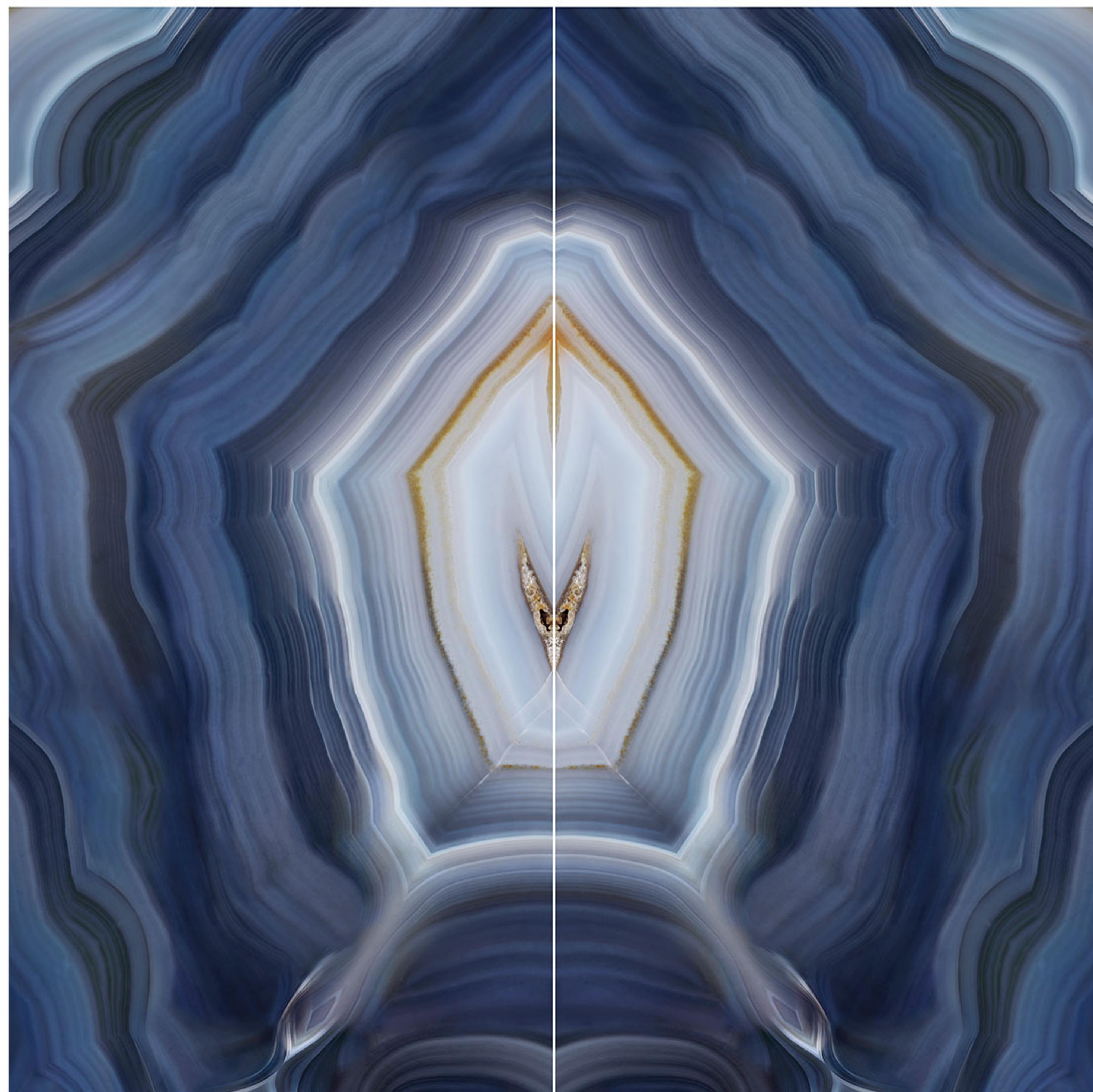
COLLECTION



BOOKMATCH : AGATA 150x300x0,9
FLOOR : PRIME SHELLY 120x120x0,9

AGATA

POLISHED SURFACE CODE 5450 - 5455
1500x3000 / 59"x118"

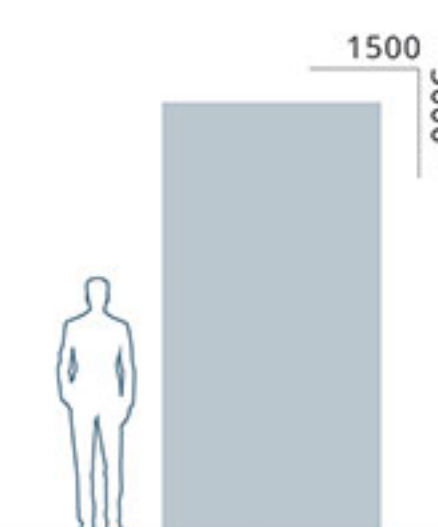
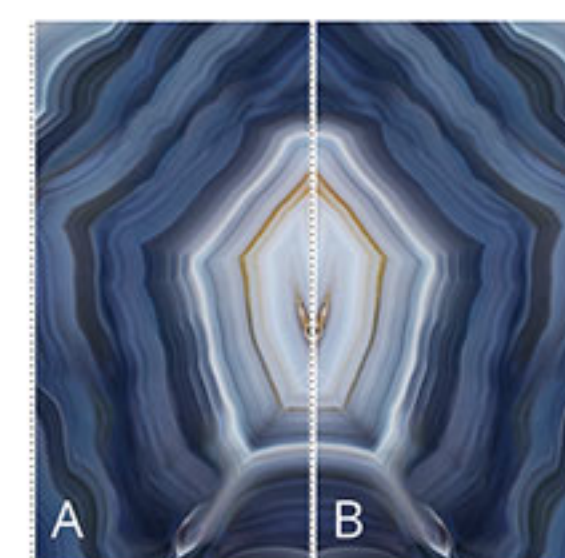


PORCELAIN STONEWARE - NORMAL BODY

A B

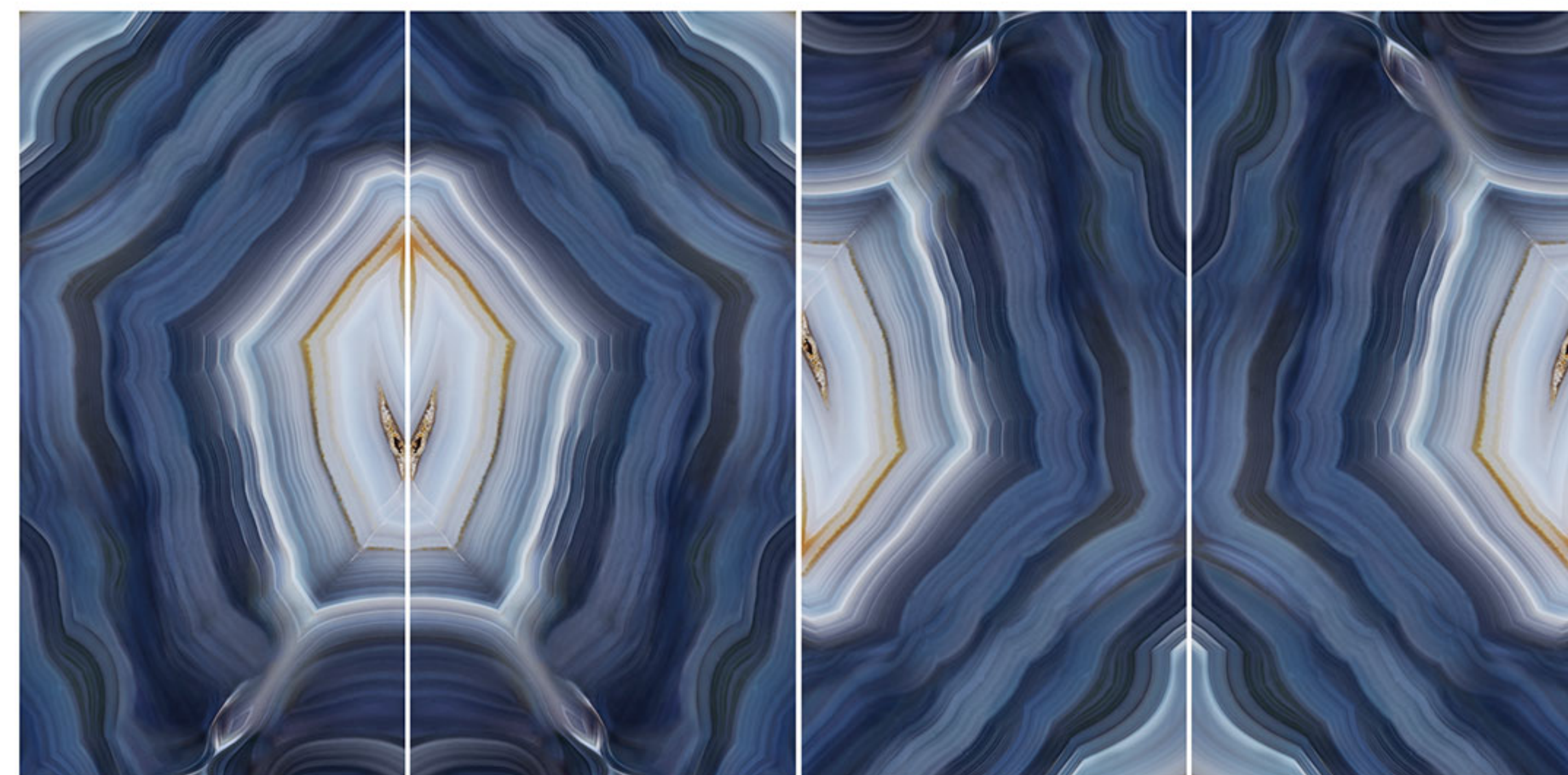
100% DESIGN AND
PRODUCTION PROCESS
OF ITALIAN

BOOK MATCHING



The production process does not guarantee continuity in the design of the veining among the various pieces provided. Any misalignment between the continuous veining is to be considered an intrinsic characteristic of the product. The image shown is merely indicative; the shades and veinings of the product may be subject to variations.

Sizes	Thickness	Surface Finish	Number of Faces
150x300 cm - 59"x118"	9 mm	POLISHED	2 Faces



A ▲Layout 1 B ▼Layout 2 B

COLOR RANGE & CODES

AGATA Book Match Face 1	5450	AGATA Book Match Face 2	5455
-------------------------	------	-------------------------	------

- The various graphics of the product are distributed randomly in the boxes, without the possibility of choosing between the available patterns.
- Inside the pallet foam is placed between the slabs.



WALL: PRIME SHELLY 150x300x0.9

PRIME SHELLY

POLISHED SURFACE CODE 5510
1500x3000 / 59"x118"

SHADE SPECTRUM



V1

EVEN



V2

LIGHT



V3

MEDIUM



V4

STRONG



2

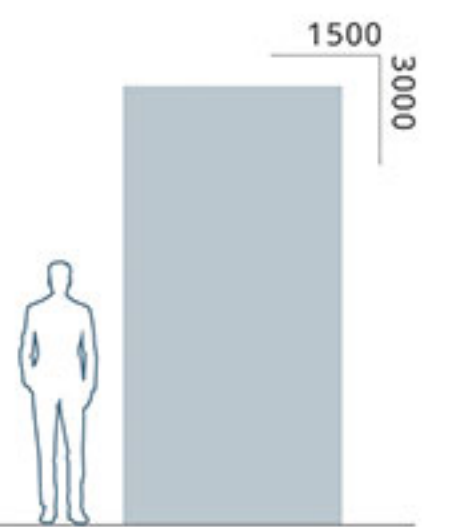
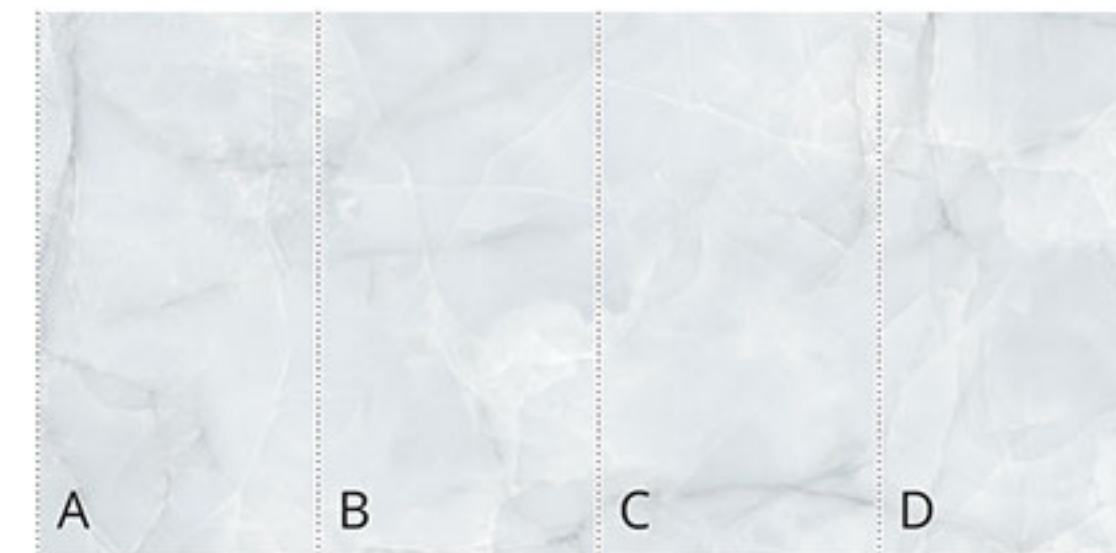


100% DESIGN AND
PRODUCTION PROCESS
OF ITALIAN

SIZE VARIETY

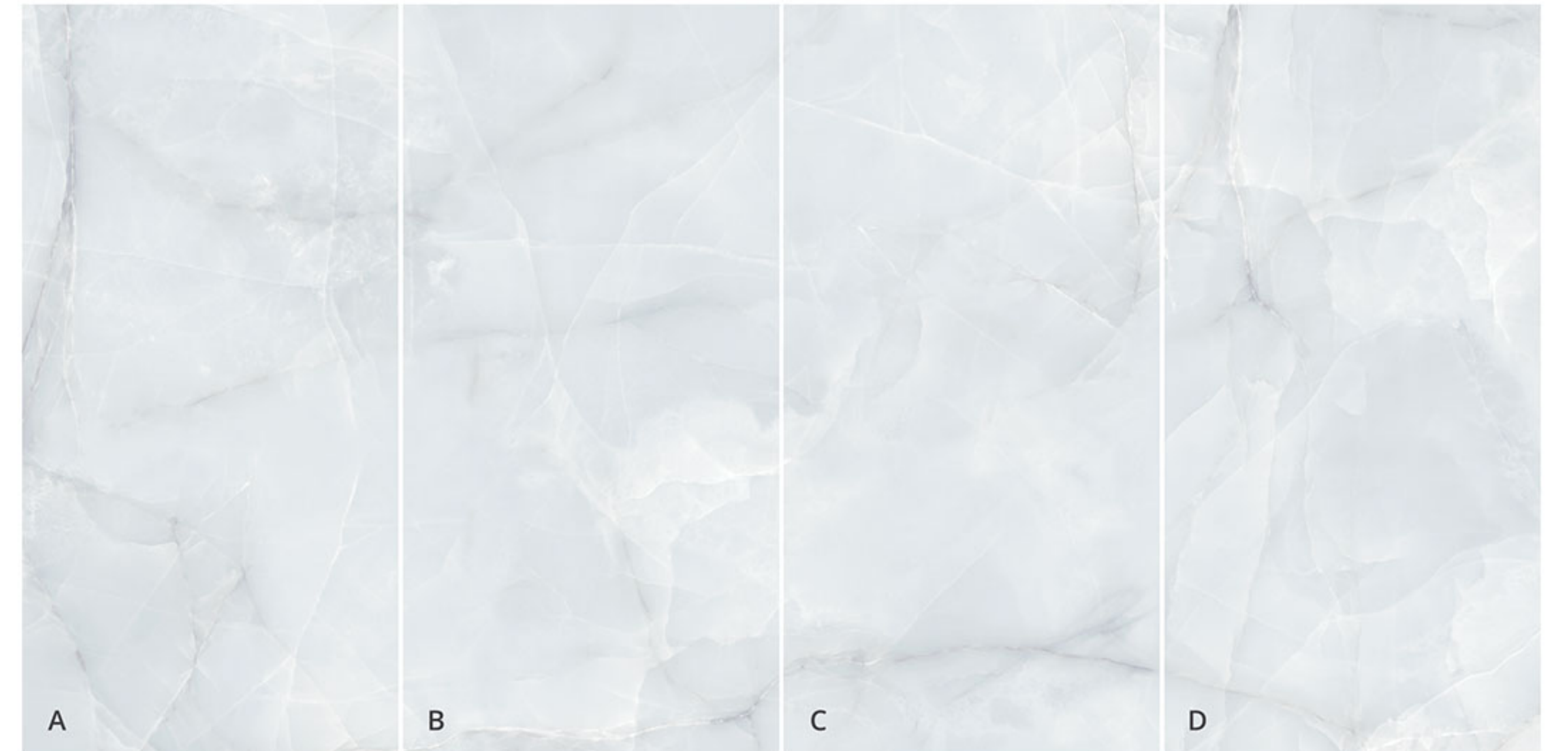
1500x3000 mm POLISHED 9mm 4

REGULAR PATTERN 150x300 cm - 59"x118"



The production process does not guarantee continuity in the design of the veining among the various pieces provided. Any misalignment between the continuous veining is to be considered an intrinsic characteristic of the product. The image shown is merely indicative; the shades and veinings of the product may be subject to variations.

Sizes	Thickness	Surface Finish	Number of Faces
150x300 cm - 59"x118"	9 mm	POLISHED	4 Faces



COLOR RANGE & CODE

PRIME SHELLY

5510

PRIME IVORY

5305

- The various graphics of the product are distributed randomly in the boxes, without the possibility of choosing between the available patterns.
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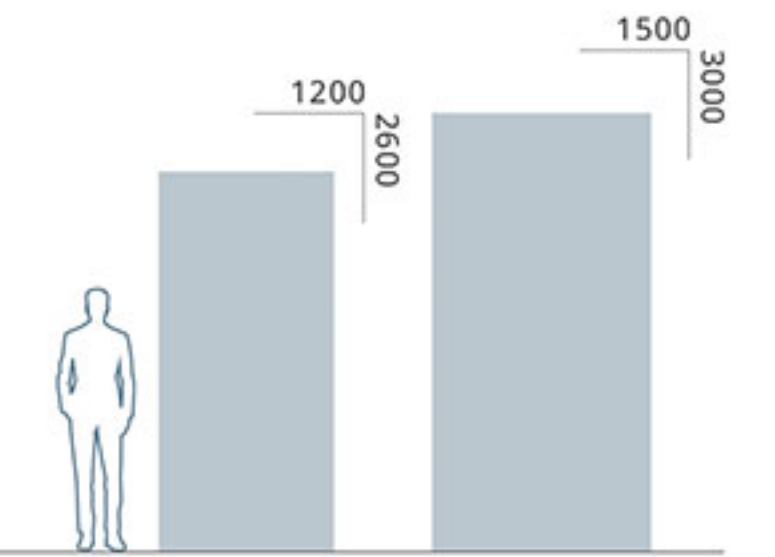
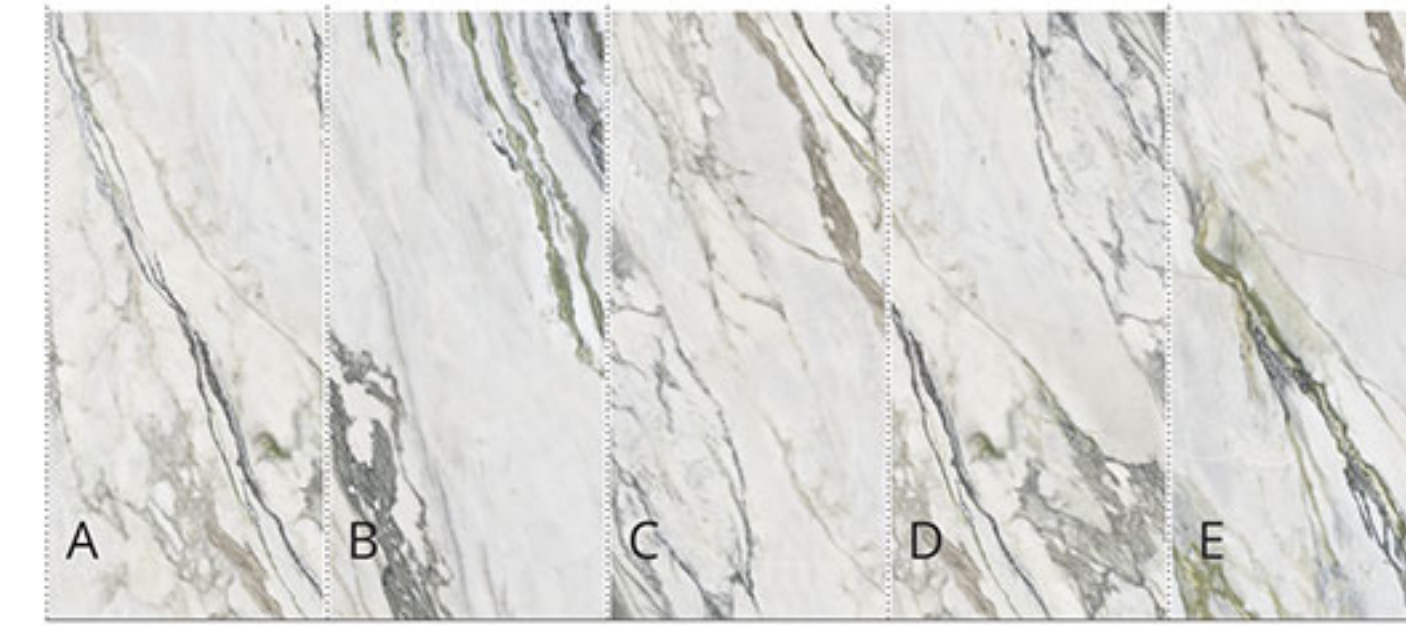


WALL : CALACATTA GREEN 120x260x0,9
FLOOR : CALACATTA GREEN 120x260x0,9
BATH WALL : VERDE GREEN 120x260x0,9
WASHBASIN : MONOCOLOR ROYAL GREEN 80x120x1,2

CALACATTA GREEN

POLISHED SURFACE CODE 5550
1200x2600 / 47"x102"

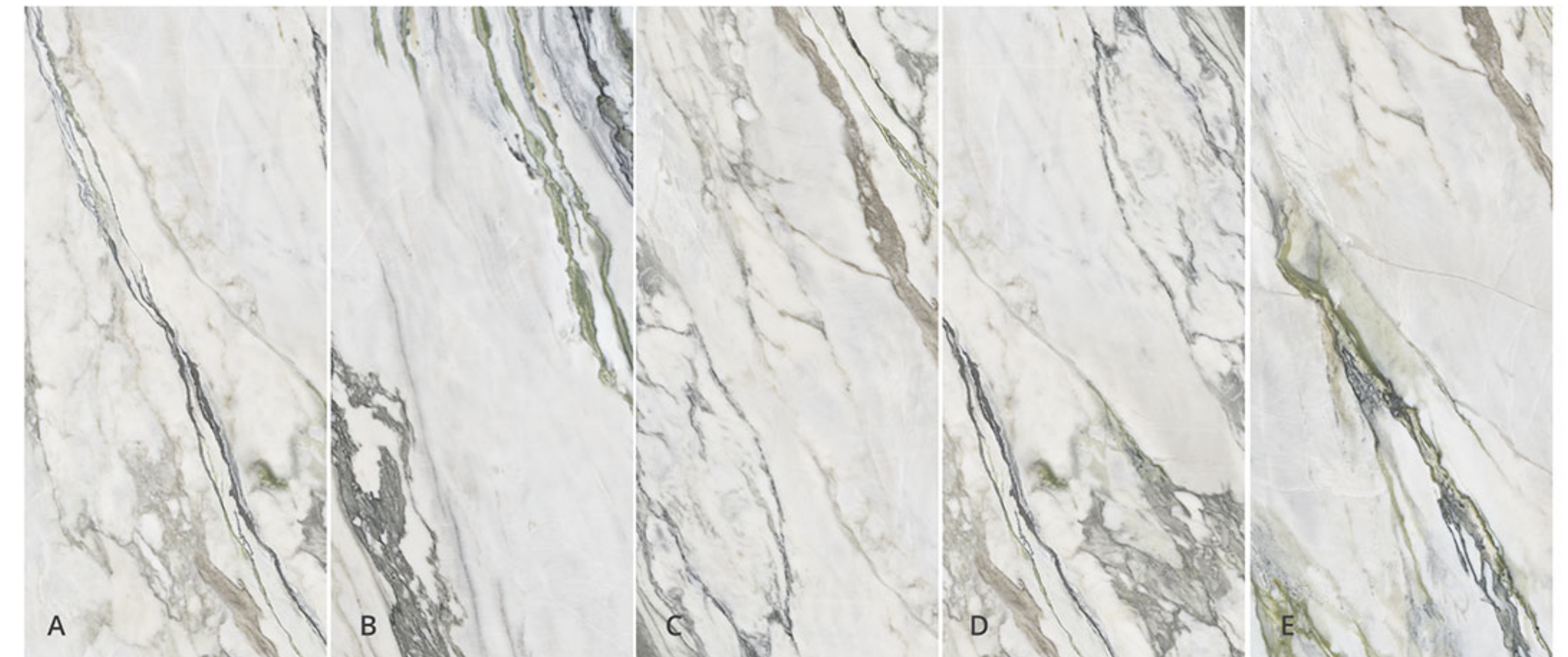
REGULAR PATTERN 120x260 cm - 47"x102" / 150x300 cm - 59"x118"



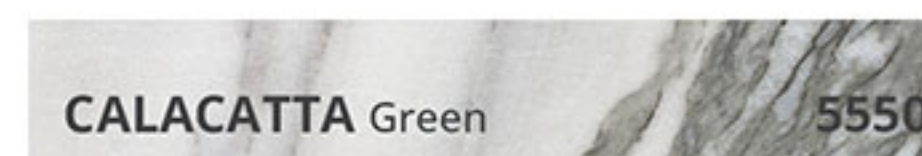
The production process does not guarantee continuity in the design of the veining among the various pieces provided. Any misalignment between the continuous veining is to be considered an intrinsic characteristic of the product. The image shown is merely indicative; the shades and veinings of the product may be subject to variations.

Sizes	Thickness	Surface Finish	Number of Faces
150x300 cm - 59"x118"	9 mm	POLISHED	5 Faces
120x260 cm - 47"x102"	9 mm	POLISHED	5 Faces

REGULAR PATTERN 120x260 cm - 47"x102"



COLOR RANGE & CODE



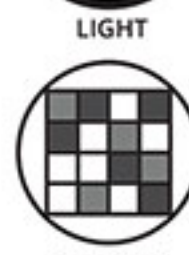
SHADE SPECTRUM



V1



V2



V3



V4

STRONG



1



5

SIZE VARIETY

1200x3000 mm	POLISHED	9mm	5
1200x2600 mm	POLISHED	9mm	5

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- The various graphics of the product are distributed randomly in the boxes, without the possibility of choosing between the available patterns.
- Inside the pallet foam is placed between the slabs.



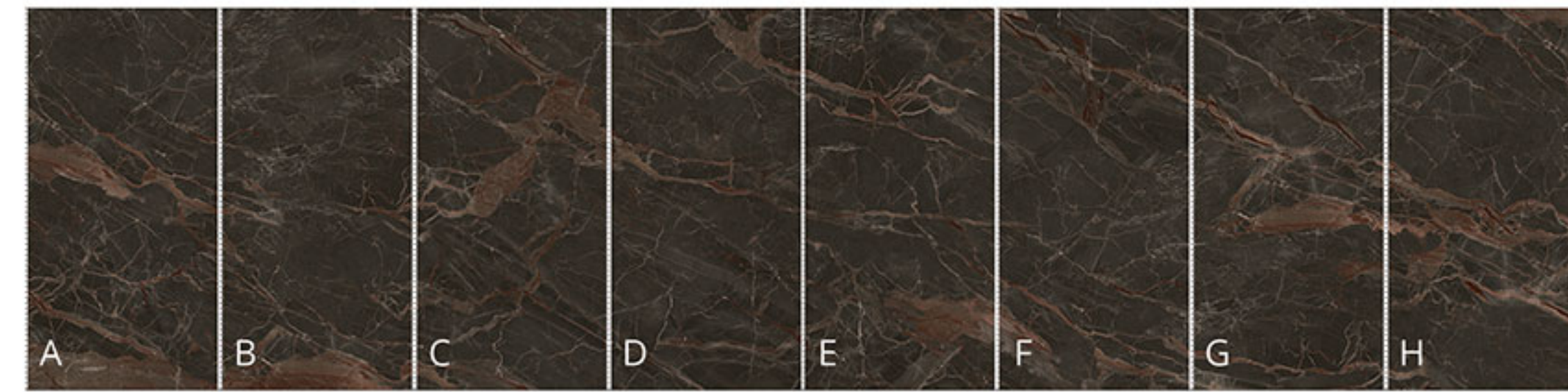
WALL: CARAVAGGIO DARK BROWN 120x260x0,9
FLOOR : EMOTION CREAM 120x260x0,9
COUNTER : EMOTION CREAM RUSTIC 120x260x0.9

CARAVAGGIO

DARK BROWN

POLISHED SURFACE CODE 5165
1200x2600 / 47"x102"

REGULAR PATTERN 120x260 cm - 47"x102"



The production process does not guarantee continuity in the design of the veining among the various pieces provided. Any misalignment between the continuous veining is to be considered an intrinsic characteristic of the product. The image shown is merely indicative; the shades and veinings of the product may be subject to variations.

Sizes	Thickness	Surface Finish	Number of Faces
120x260 cm - 47"x102"	9 mm	POLISHED	8 Faces

COLOR RANGE & CODES

CARAVAGGIO DARK BROWN 5165

SHADE SPECTRUM



V1

EVEN



V2

LIGHT



V3

MEDIUM



V4

STRONG



2



8

SIZE VARIETY

1200x2600 mm POLISHED 9mm 8

800x1600 mm POLISHED 10mm 8

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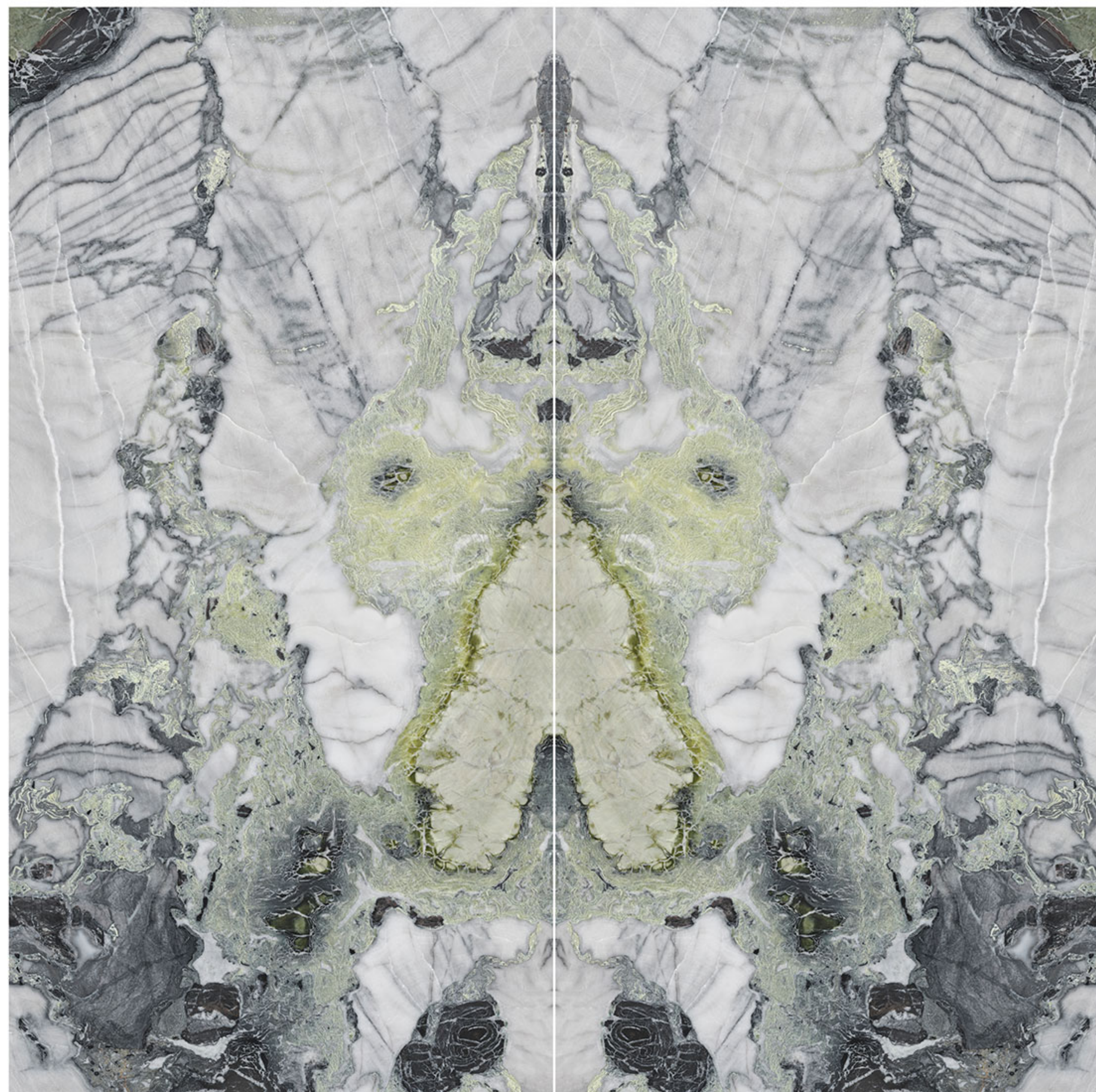
- The various graphics of the product are distributed randomly in the boxes, without the possibility of choosing between the available patterns.
- Inside the pallet foam is placed between the slabs .



WALL: ICE JADE BOOKMATCH 150x300x0,9
FLOOR : EVOKE SPECIAL WALNUT 20x120x1,2
COUNTER : CALACATTA GREEN 120x260x0.9

ICE JADE

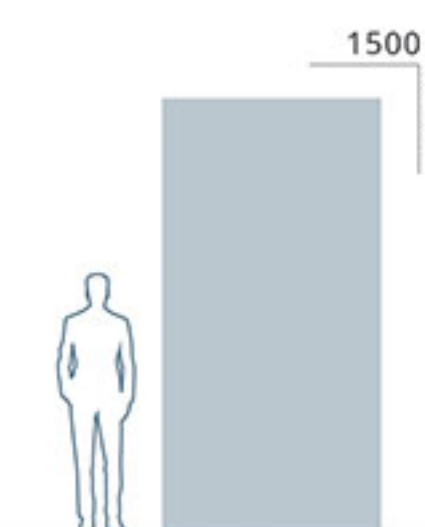
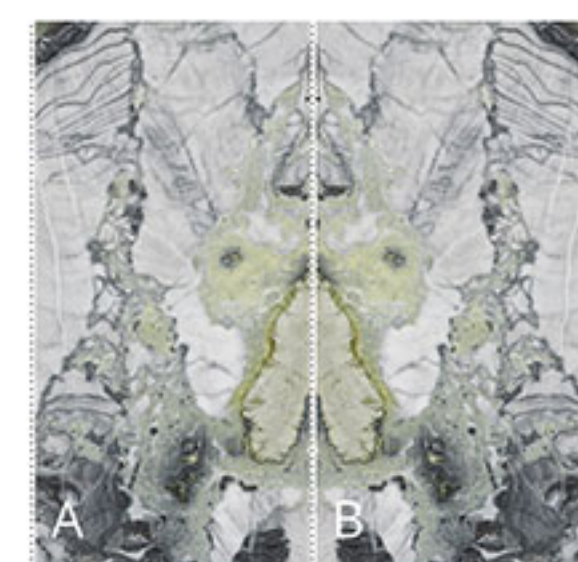
POLISHED SURFACE CODE 5560-5565
1500x3000 / 59"x118"



PORCELAIN STONEWARE - NORMAL BODY

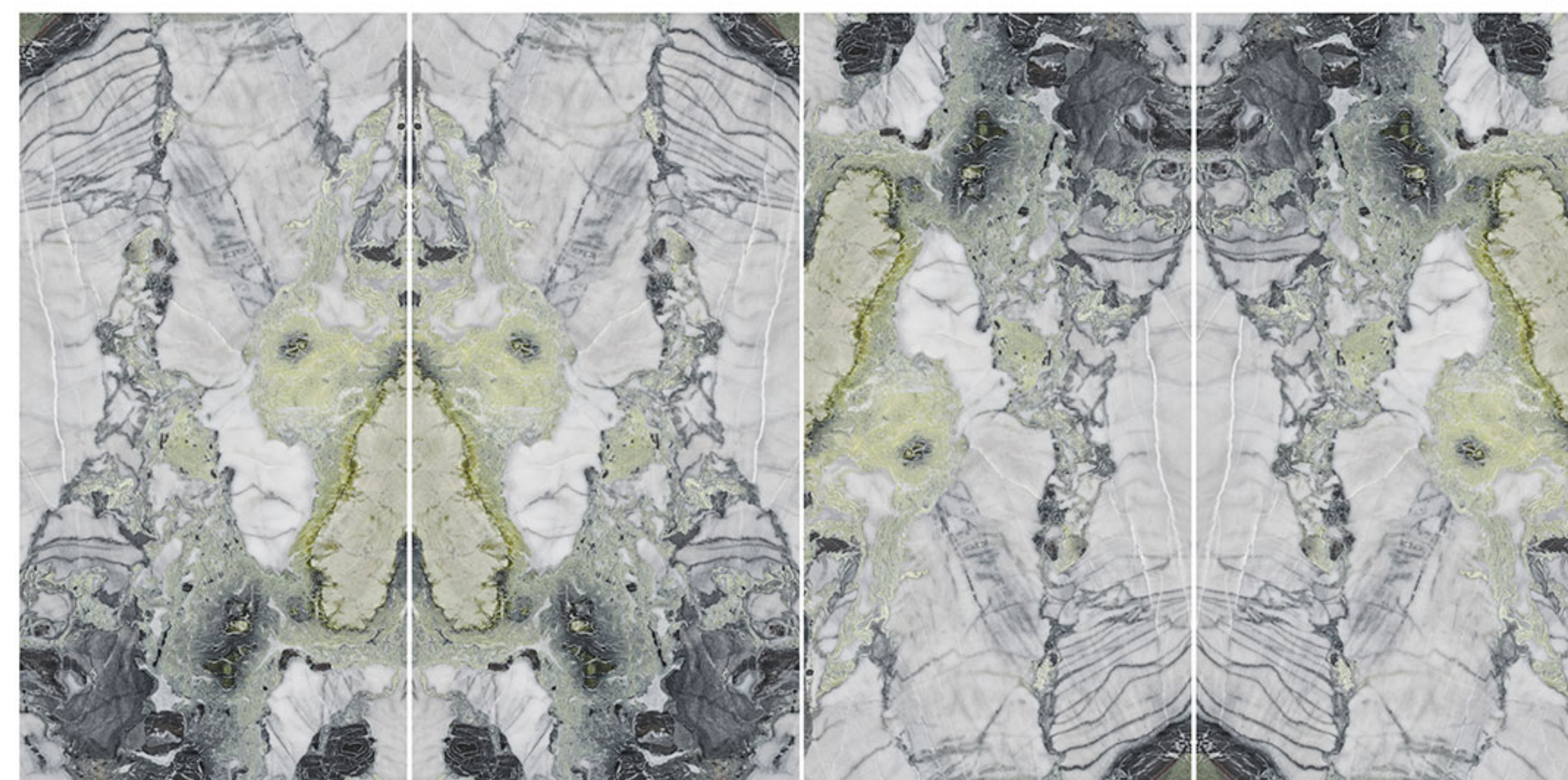
A B

BOOK MATCHING



The production process does not guarantee continuity in the design of the veining among the various pieces provided. Any misalignment between the continuous veining is to be considered an intrinsic characteristic of the product. The image shown is merely indicative; the shades and veinings of the product may be subject to variations.

Sizes	Thickness	Surface Finish	Number of Faces
150x300 cm - 59"x118"	9 mm	POLISHED	2 Faces



A B ▲Layout 1 ▼Layout 2 B

COLOR RANGE & CODES



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OF ITALIAN

- The various graphics of the product are distributed randomly in the boxes, without the possibility of choosing between the available patterns.
- Inside the pallet foam is placed between the slabs.



WALL : FORZA WHITE REGULAR / BOOKMATCH 120x260x0,9
FLOOR : PIER IRON 120x120x0.9

FORZA

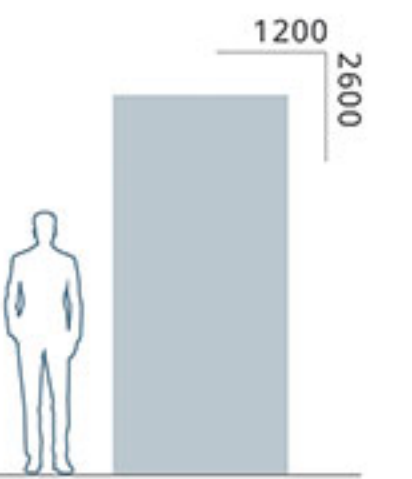
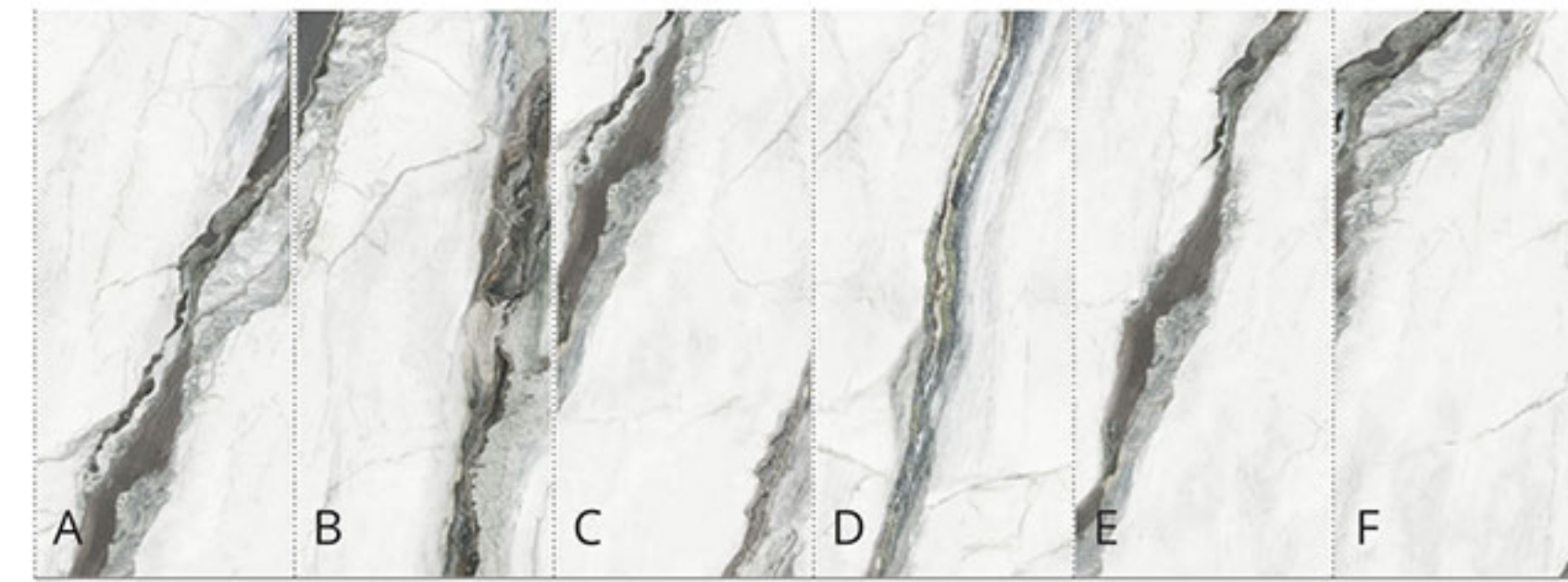
POLISHED / MATT SURFACE CODE 5635 - 5720 - 5725
1200x2600 / 47"x102"



PORCELAIN STONEWARE - NORMAL BODY



REGULAR PATTERN 120x260 cm - 47"x102"



The production process does not guarantee continuity in the design of the veining among the various pieces provided. Any misalignment between the continuous veining is to be considered an intrinsic characteristic of the product. The image shown is merely indicative; the shades and veinings of the product may be subject to variations.

Sizes	Thickness	Surface Finish	Number of Faces
120x260 cm - 47"x102"	9 mm	POLISHED	6 Faces



▲Layout 1



▼Layout 2

COLOR RANGE & CODES

FORZA WHITE	5635	FORZA Book Match Face 1	5270	FORZA Book Match Face 2	5275
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- The various graphics of the product are distributed randomly in the boxes, without the possibility of choosing between the available patterns.
- Inside the pallet foam is placed between the slabs .

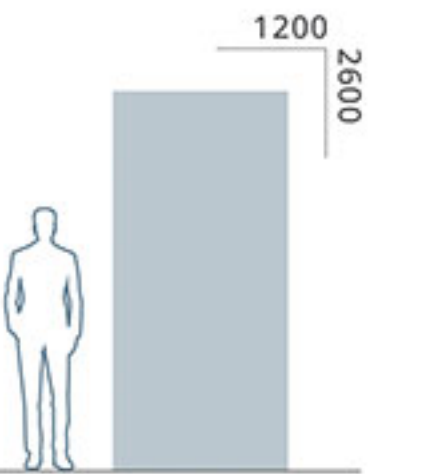


WALL : PREMIUM WHITE 120x260x0,9
FLOOR : PREMIUM WHITE 80x160x1.0

PREMIUM

POLISHED / MATT SURFACE CODE 5615
1200x2600 / 47"x102"

REGULAR PATTERN 120x260 cm - 47"x102"



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Sizes	Thickness	Surface Finish	Number of Faces
120x260 cm - 47"x102"	9 mm	POLISHED - MATT	6 Faces

COLOR RANGE & CODE

PREMIUM White 5615

SHADE SPECTRUM



V1

EVEN



V2

LIGHT



V3

MEDIUM



V4

STRONG



1



SIZE VARIETY

1200x2600 mm POLISHED / MATT 9mm 6

1200x2400 mm POLISHED / MATT 9mm 6

1200x1200 mm POLISHED / MATT 9mm 16

800x1200 mm POLISHED / MATT 12mm 12

800x1600 mm POLISHED / MATT 10mm 10

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- The various graphics of the product are distributed randomly in the boxes, without the possibility of choosing between the available patterns.
- Inside the pallet foam is placed between the slabs.

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VERDE

COLLECTION



WALL : VERDE 120x260x0,9
FLOOR : AMAZON MAPLE 20x120x1,2

VERDE

POLISHED SURFACE CODE 5315
1200x2600 / 47"x102"

SHADE SPECTRUM



V1

EVEN



V2

LIGHT



V3

MEDIUM



V4

STRONG



1



4

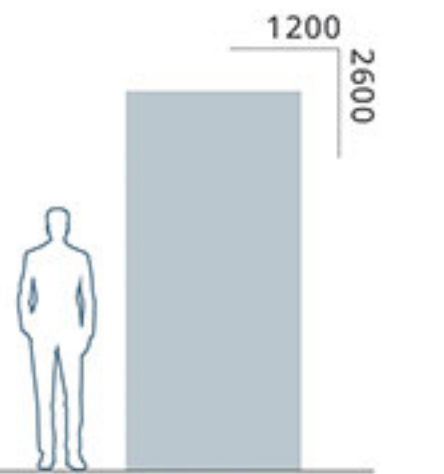
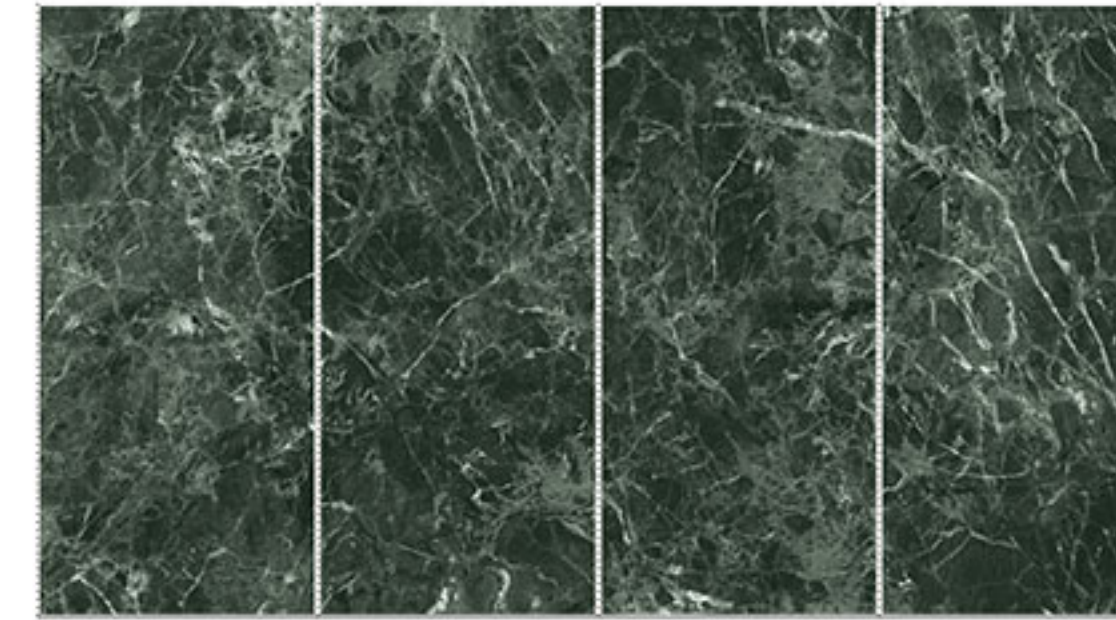
NUMBER OF FACES

SIZE VARIETY

1200x2600 mm POLISHED 9mm 4

100% DESIGN AND
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OF ITALIAN

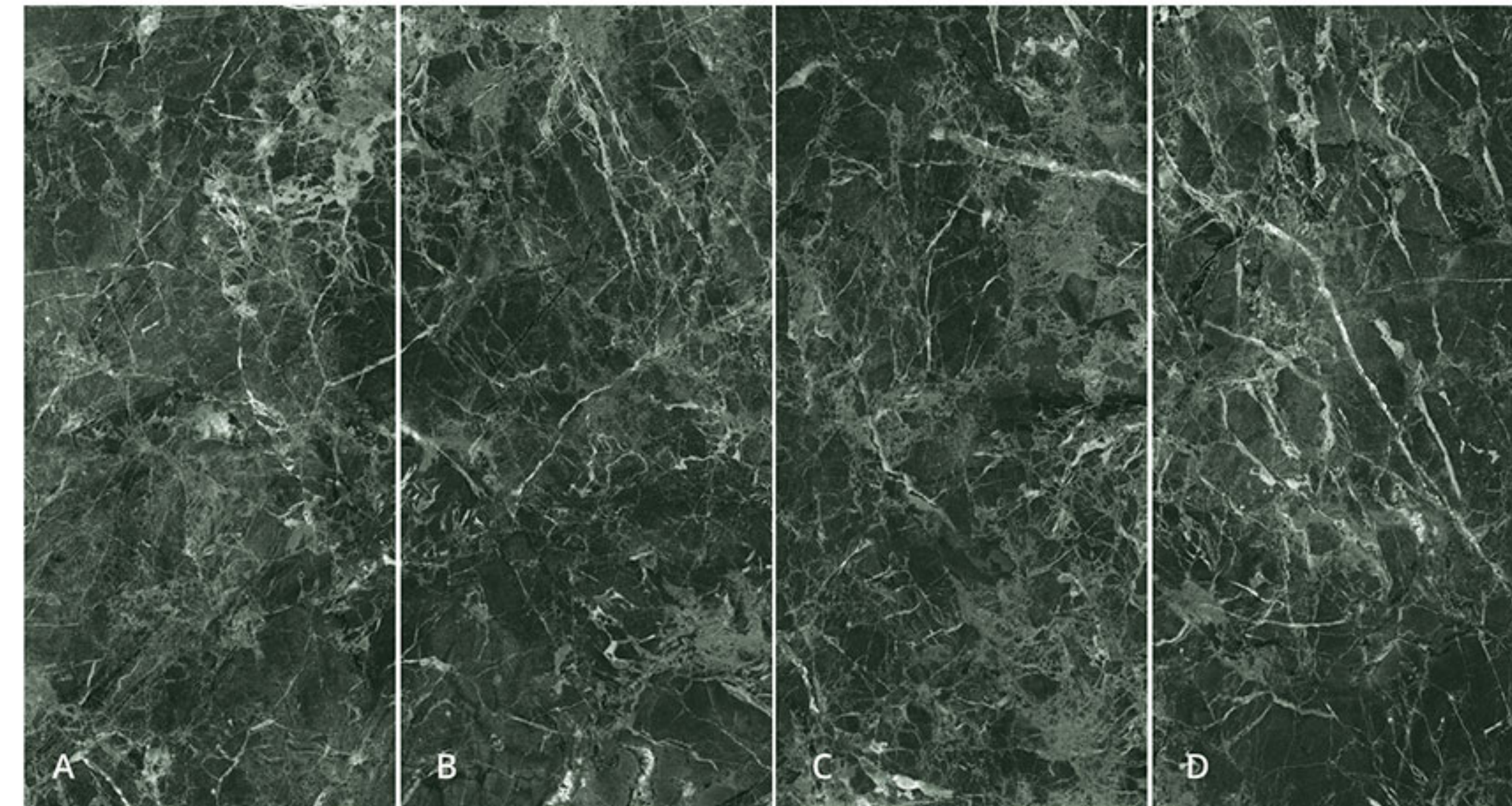
REGULAR PATTERN 120x260 cm - 47"x102"



The production process does not guarantee continuity in the design of the veining among the various pieces provided. Any misalignment between the continuous veining is to be considered an intrinsic characteristic of the product. The image shown is merely indicative; the shades and veinings of the product may be subject to variations.

Sizes	Thickness	Surface Finish	Number of Faces
120x260 cm - 47"x102"	9 mm	POLISHED	4 Faces

REGULAR PATTERN 120x260 cm - 47"x102"



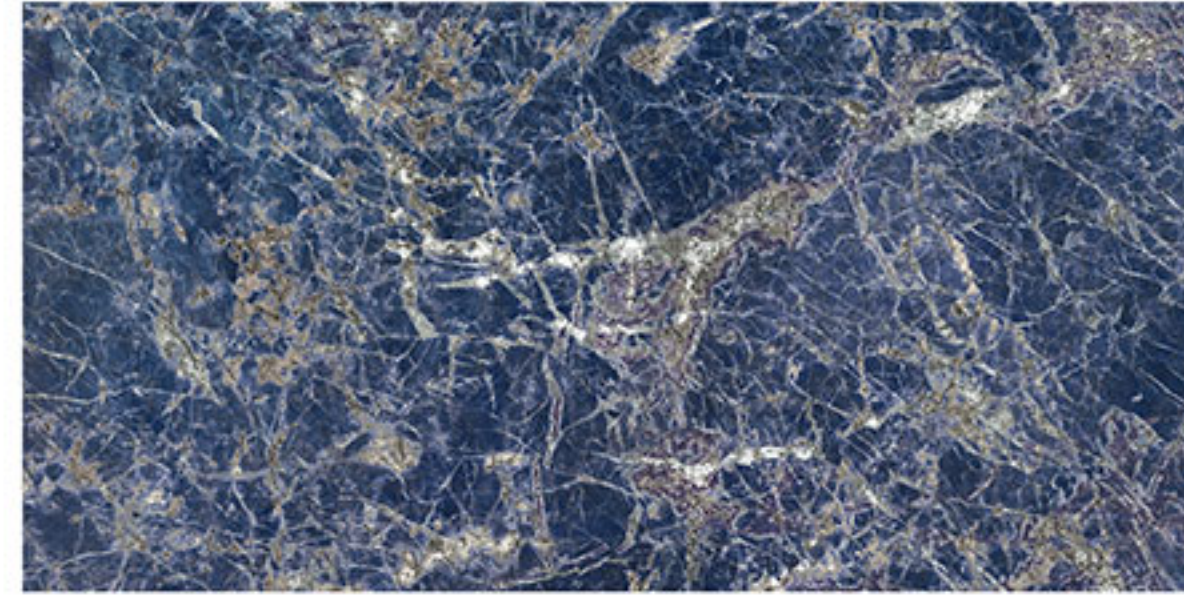
COLOR RANGE & CODE

VERDE 5315

- The various graphics of the product are distributed randomly in the boxes, without the possibility of choosing between the available patterns.
- Inside the pallet foam is placed between the slabs.

Amazonite

120x240 cm - 47"x94" 9 mm POLISHED 8 Faces 5215
120x260 cm - 47"x102" 9 mm POLISHED 8 Faces 5215



Amazonite

120x240 cm - 47"x94" 9 mm POLISHED 8 Faces 5155
120x260 cm - 47"x102" 9 mm POLISHED 8 Faces 5155



Butterfly

120x260 cm - 47"x102" 9 mm POLISHED 2 Faces 5360-5365



Calacatta Gold

120x240 cm - 47"x94" 9 mm POLISHED 8 Faces 5105 - 5110 - 5115
120x260 cm - 47"x102" 9 mm POLISHED 8 Faces 5105 - 5110 - 5115



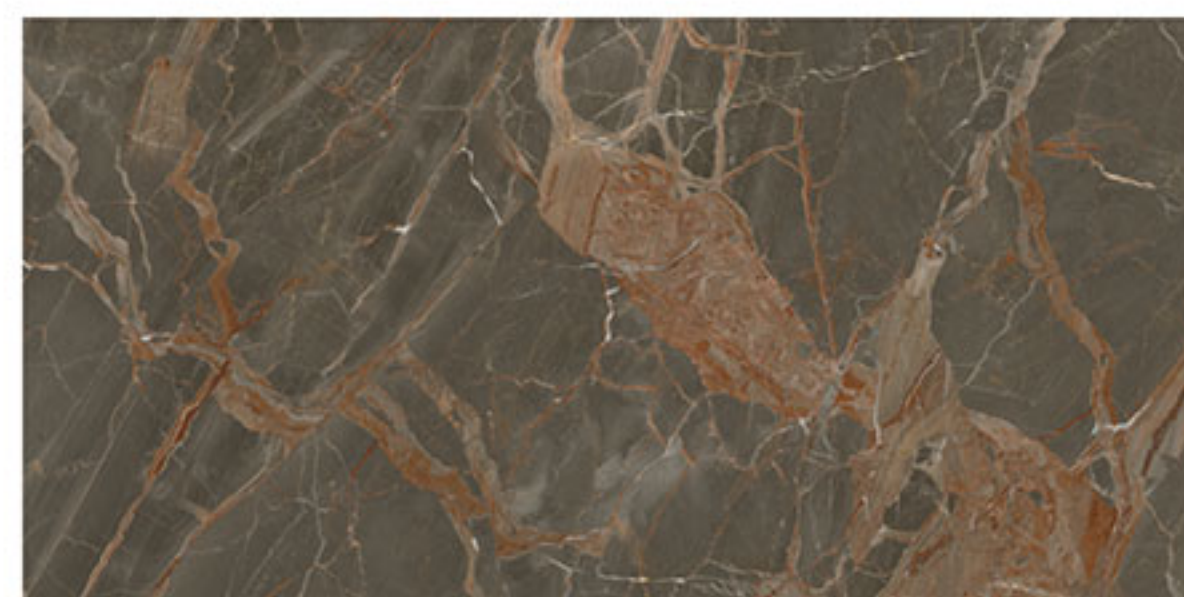
Calacatta Velvet

120x120 cm - 47"x47" 9 mm POLISHED 16 Faces 5035
120x240 cm - 47"x94" 9 mm POLISHED 8 Faces 5035
120x260 cm - 47"x102" 9 mm POLISHED 8 Faces 5035
150x300 cm - 59"x118" 9 mm POLISHED 4 Faces 5035



Caravaggio

120x260 cm - 47"x102" 9 mm POLISHED 8 Faces 5165



Cerrara

120x240 cm - 47"x94" 9 mm POLISHED 8 Faces 5240 - 5245 - 5250



Crystal

120x240 cm - 47"x94" 9 mm POLISHED 8 Faces 5090



Giga Gray

120x240 cm - 47"x94" 9 mm POLISHED 8 Faces 5045 - 5070 - 5075 - 5055
120x260 cm - 47"x102" 9 mm POLISHED 8 Faces 5045 - 5070 - 5075 - 5055



Giga Gold

120x240 cm - 47"x94" 9 mm POLISHED 8 Faces 5040 - 5050
120x260 cm - 47"x102" 9 mm POLISHED 8 Faces 5040 - 5050



Legend

120x240 cm - 47"x94" 9 mm POLISHED 16 Faces 5335 - 5340



Marvel

120x260 cm - 47"x102" 9 mm POLISHED 8 Faces 5345 - 5350 - 5355

Midnight

120x240 cm - 47"x94"	9 mm	POLISHED - MATT	8 Faces	5085
120x260 cm - 47"x102"	9 mm	POLISHED - MATT	8 Faces	5085
150x300 cm - 59"x118"	9 mm	POLISHED - MATT	4 Faces	5085



Onyx

120x240 cm - 47"x94"	9 mm	POLISHED	8 Faces	5135
120x260 cm - 47"x102"	9 mm	POLISHED	8 Faces	5135
150x300 cm - 59"x118"	9 mm	POLISHED	4 Faces	5135



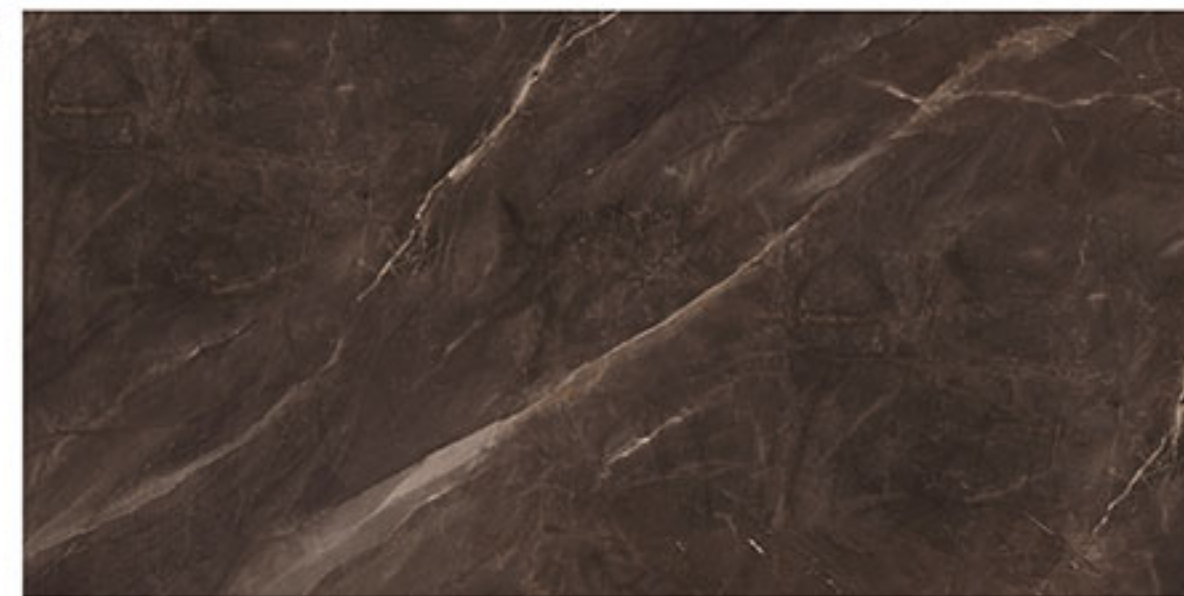
Prime

120x120 cm - 47"x47"	9 mm	POLISHED	16 Faces	5305
120x240 cm - 47"x94"	9 mm	POLISHED	8 Faces	5305
120x260 cm - 47"x102"	9 mm	POLISHED	8 Faces	5305
150x300 cm - 59"x118"	9 mm	POLISHED	4 Faces	5305



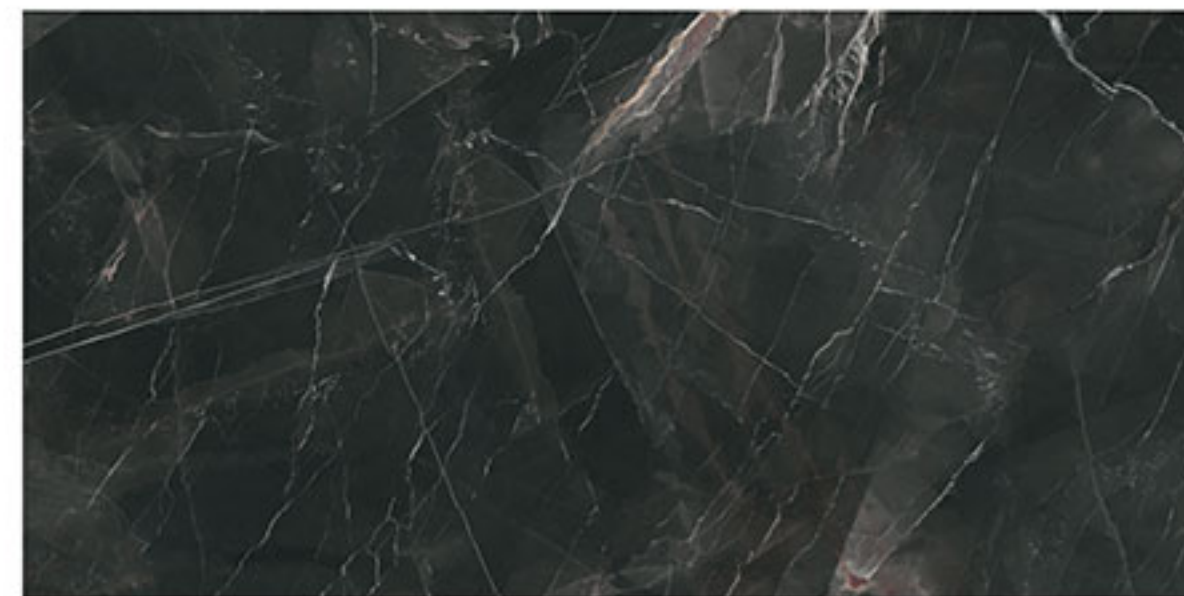
Pulpis

120x260 cm - 47"x102"	9 mm	POLISHED	8 Faces	5320 - 5325 - 5330
-----------------------	------	----------	---------	--------------------



Thunder

120x120 cm - 47"x47"	9 mm	POLISHED	16 Faces	5080
120x240 cm - 47"x94"	9 mm	POLISHED	8 Faces	5080
120x260 cm - 47"x102"	9 mm	POLISHED	8 Faces	5080
150x300 cm - 59"x118"	9 mm	POLISHED	4 Faces	5080



Venice

120x120 cm - 47"x47"	9 mm	POLISHED - MATT	16 Faces	5025
120x240 cm - 47"x94"	9 mm	POLISHED - MATT	8 Faces	5025
120x260 cm - 47"x102"	9 mm	POLISHED - MATT	8 Faces	5025
150x300 cm - 59"x118"	9 mm	POLISHED - MATT	4 Faces	5025



Volcano

120x240 cm - 47"x94"	9 mm	POLISHED	8 Faces	5380 - 5385 - 5390
120x260 cm - 47"x102"	9 mm	POLISHED	8 Faces	5380 - 5385 - 5390
150x300 cm - 59"x118"	9 mm	POLISHED	4 Faces	5380 - 5385 - 5390





**Concrete
& Metal**

57-70 Emotion

71-78 Metalux

79-80 Concrete & Metal Collection

EMOTION

COLLECTION



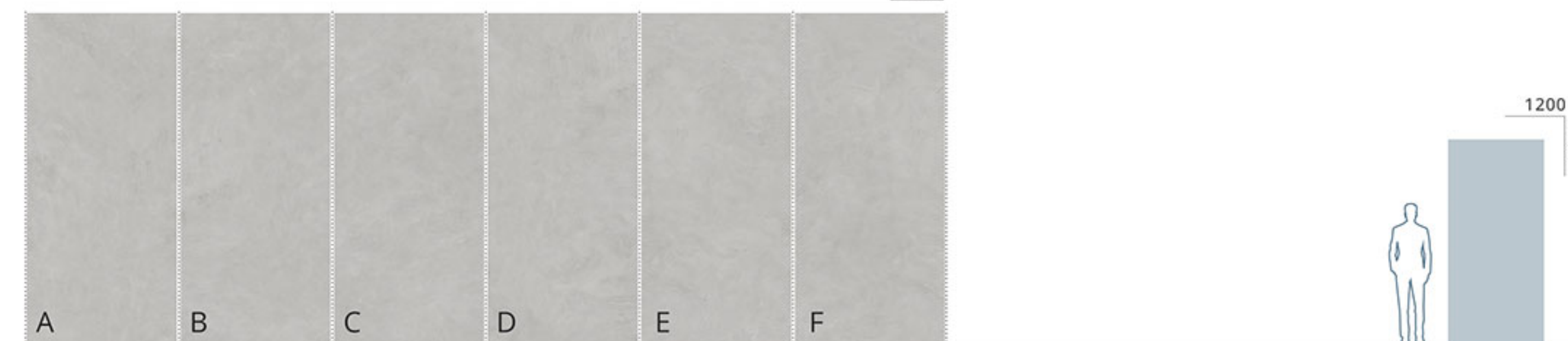
WALL : EMOTION ANTHRACITE 120x260x0,9
FLOOR : EMOTION GRAY 120x260x0,9

EMOTION LIGHT GRAY

MATT RUSTIC SURFACE CODE 5695
1200x2600 / 47"x102"

REGULAR PATTERN / EMOTION LIGHT GRAY 120x260 cm - 47"x102"

6
NUMBER OF
FACES



The production process does not guarantee continuity in the design of the veining among the various pieces provided. Any misalignment between the continuous veining is to be considered an intrinsic characteristic of the product. The image shown is merely indicative; the shades and veinings of the product may be subject to variations.

Sizes	Thickness	Surface Finish	Number of Faces
120x260 cm - 47"x102"	± 9 mm	RUSTIC MATT	6 Faces

COLOR RANGE & CODE

EMOTION Light Gray	5695	EMOTION Cream	5710	EMOTION Gray	5700
EMOTION Anthracite	5705				

SHADE SPECTRUM



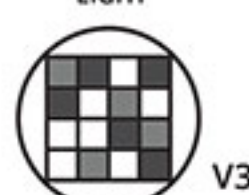
V1

EVEN



V2

LIGHT



V3

MEDIUM



V4

STRONG



4



6
NUMBER OF
FACES

SIZE VARIETY

1200x2600 mm	RUSTIC / MATT	9mm	6
1200x1200 mm	RUSTIC	9mm	12

100% DESIGN AND
PRODUCTION PROCESS
OF ITALIAN

- The various graphics of the product are distributed randomly in the boxes, without the possibility of choosing between the available patterns.
- Inside the pallet foam is placed between the slabs.



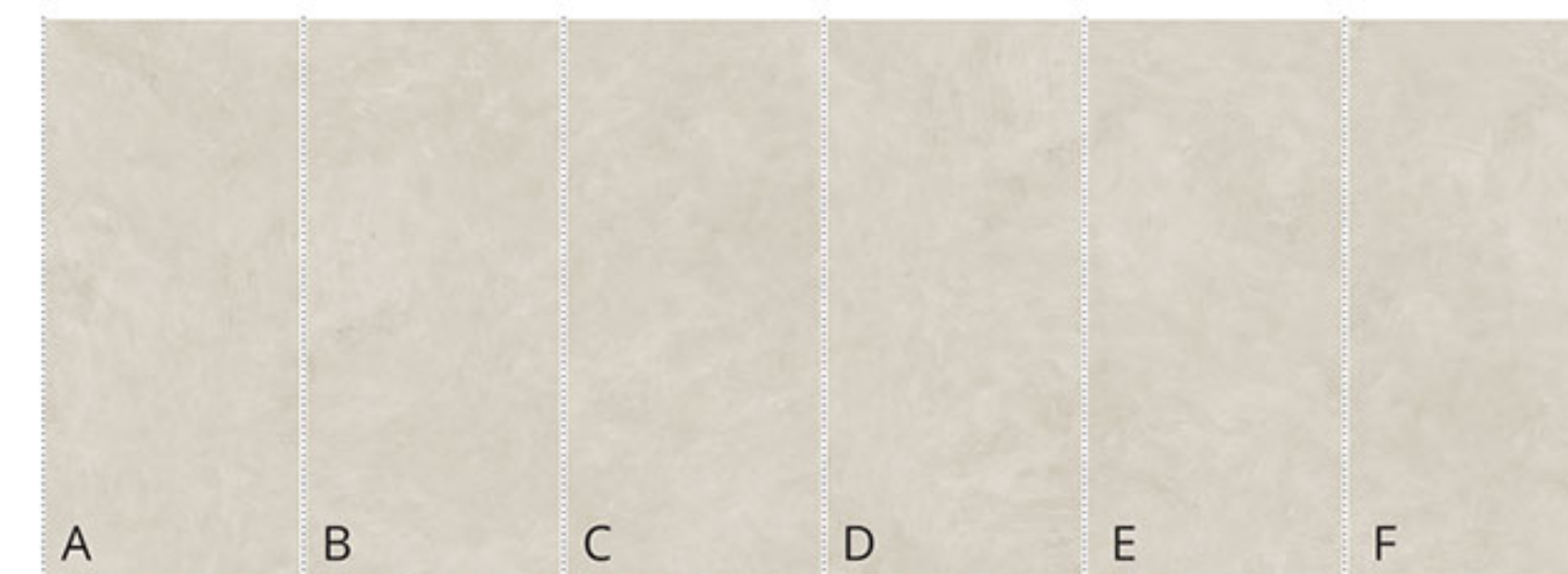
WALL : EMOTION CREAM RUSTIC 120x260x0,9
FLOOR : EMOTION CREAM 120x260x0,9

EMOTION CREAM

MATT RUSTIC SURFACE CODE 5710
1200x2600 / 47"x102"

REGULAR PATTERN / EMOTION LIGHT GRAY 120x260 cm - 47"x102"

6
NUMBER OF
FACES



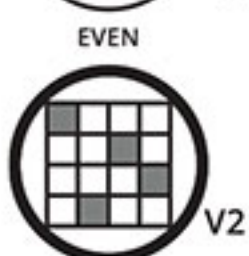
The production process does not guarantee continuity in the design of the veining among the various pieces provided. Any misalignment between the continuous veining is to be considered an intrinsic characteristic of the product. The image shown is merely indicative; the shades and veinings of the product may be subject to variations.

Sizes	Thickness	Surface Finish	Number of Faces
120x260 cm - 47"x102"	9 mm	MATT RUSTIC	6 Faces

SHADE SPECTRUM



V1



V2



V3



V4

STRONG



4

6
NUMBER OF
FACES

COLOR RANGE & CODE

EMOTION Light Gray

5695

EMOTION Cream

5710

EMOTION Gray

5700

EMOTION Anthracite

5705

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100% DESIGN AND
PRODUCTION PROCESS
OF ITALIAN

PORCELAIN STONEWARE - NORMAL BODY

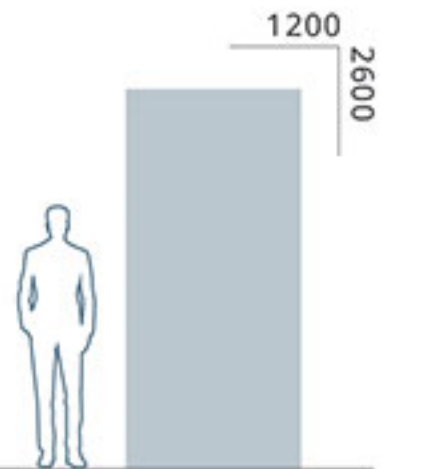
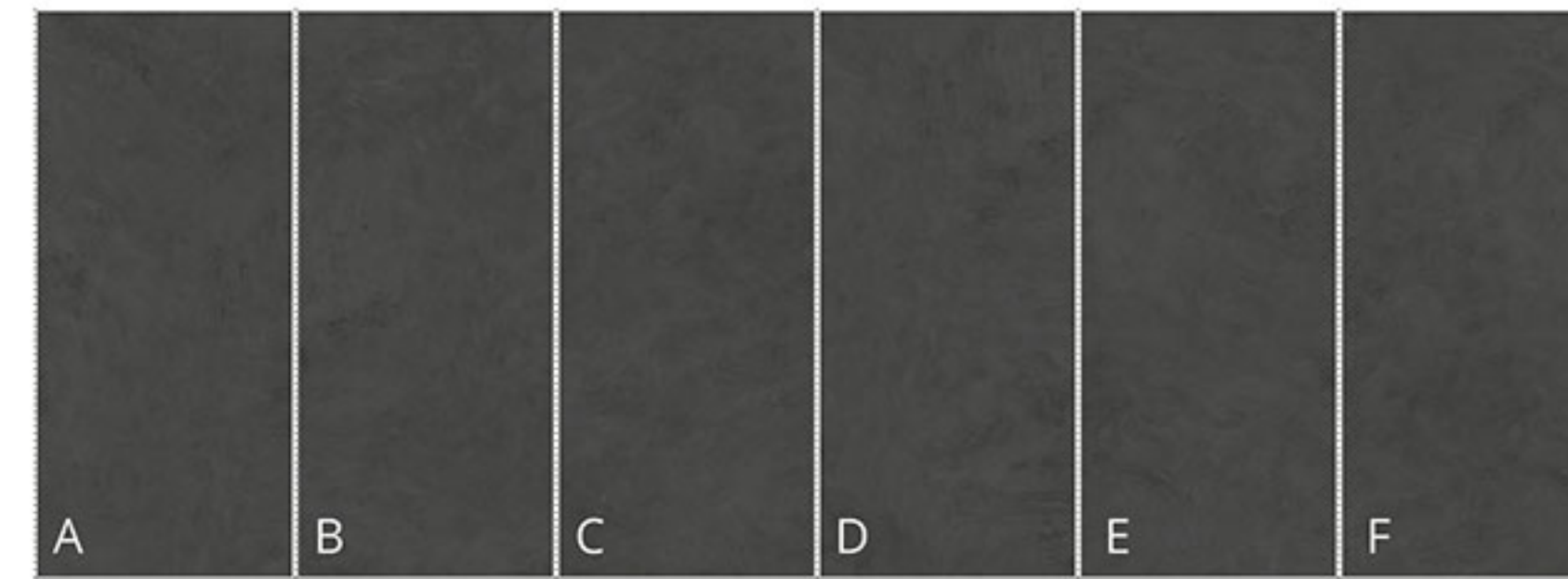


WALL: EMOTION ANTHRACITE RUSTIC 120x260x0,9
FLOOR : EMOTION CREAM 100x100x0,9

EMOTION ANTHRACITE

MATT RUSTIC SURFACE CODE 5705
1200x2600 / 47"x102"

REGULAR PATTERN / EMOTION ANTHRACITE 120x260 cm - 47"x102"



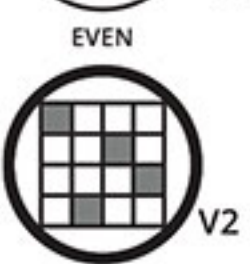
The production process does not guarantee continuity in the design of the veining among the various pieces provided. Any misalignment between the continuous veining is to be considered an intrinsic characteristic of the product. The image shown is merely indicative; the shades and veinings of the product may be subject to variations.

Sizes	Thickness	Surface Finish	Number of Faces
120x260 cm - 47"x102"	9 mm	MATT RUSTIC	6 Faces

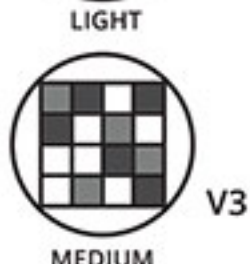
SHADE SPECTRUM



V1



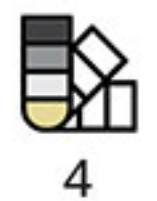
V2



V3



V4



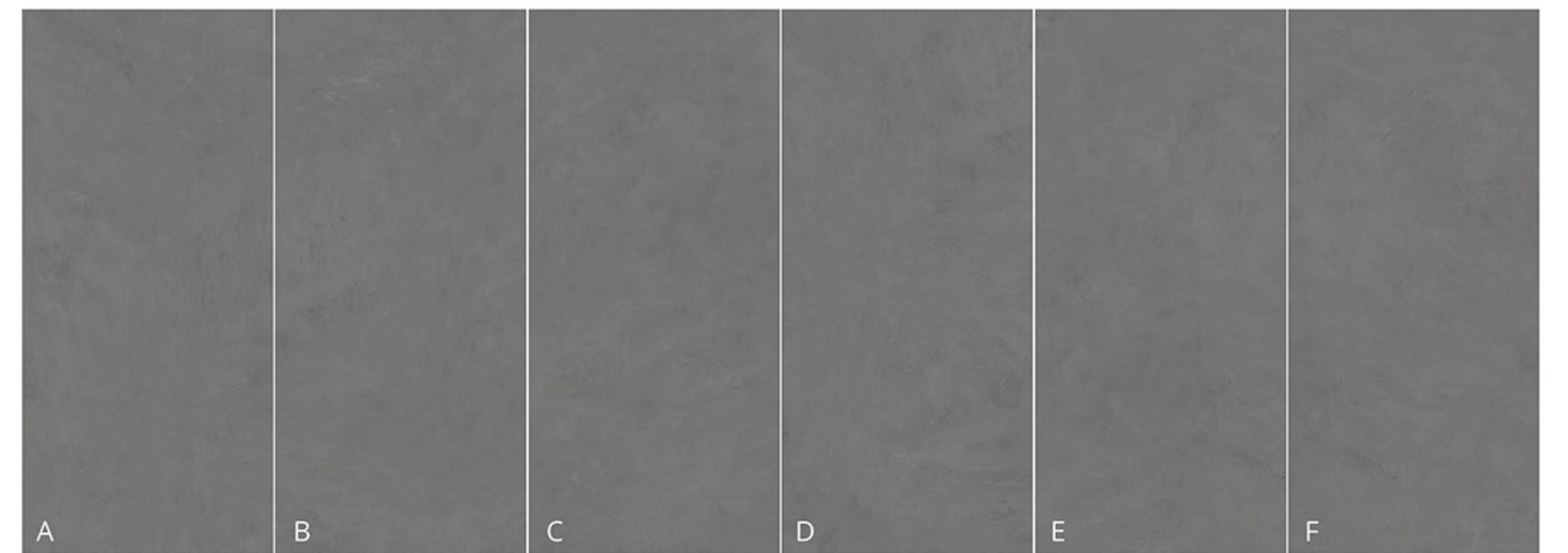
4



SIZE VARIETY

1200x2600 mm	RUSTIC / MATT	9mm	6
1200x1200 mm	RUSTIC	9mm	12

REGULAR PATTERN / EMOTION GRAY 120x260 cm - 47"x102"



COLOR RANGE & CODE

EMOTION Light Gray	5695	EMOTION Cream	5710	EMOTION Gray	5700
EMOTION Anthracite	5705				

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WALL: EMOTION GRAY 120x260x0,9
FLOOR : AMAZON MAPLE 20x120x1,2
COUNTER : METALUX SMOKY 150x300x1,2

METALUX
NAVY



WALL : METALUX NAVY 120x260x0,9
FLOOR : METALUX SMOKY 120x120x0,9

METALUX NAVY

SEMILUX SURFACE CODE 5280
1200x2600 / 47"x102"

REGULAR PATTERN 120x260 cm - 47"x102"



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Sizes	Thickness	Surface Finish	Number of Faces
120x260 cm - 47"x102"	9 mm	SEMILUX	6 Faces

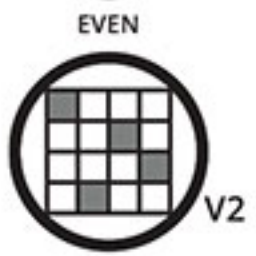
COLOR RANGE & CODES

METALUX Mint	5275	METALUX Navy	5280	METALUX Graphite	5285
Metalux Smoky	5290				

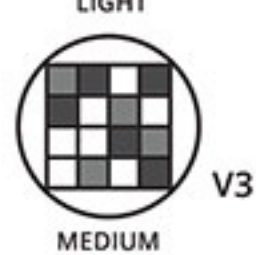
SHADE SPECTRUM



V1



V2



V3



V4



4



6

100% DESIGN AND
PRODUCTION PROCESS
OF ITALIAN

PORCELAIN STONEWARE - NORMAL BODY

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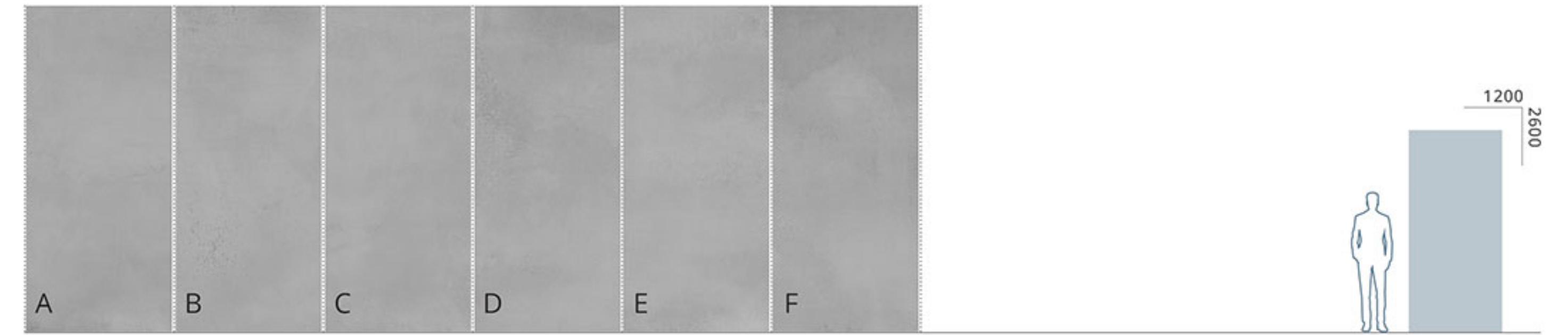


WALL : METALUX ANTHRACITE 120x260x0,9
FLOOR : METALUX SMOKY 120x260x0,9

METALUX^{SMOKY}

SEMILUX SURFACE CODE 5290
1200x2600 / 47"x102"

REGULAR PATTERN 120x260 cm - 47"x102"



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Sizes	Thickness	Surface Finish	Number of Faces
120x260 cm - 47"x102"	9 mm	SEMILUX	6 Faces

COLOR RANGE & CODES

METALUX Mint	5275	METALUX Navy	5280	METALUX Graphite	5285
Metalux Smoky	5290				

SHADE SPECTRUM



V1

EVEN



V2

LIGHT



V3

MEDIUM



V4

STRONG



4



SIZE VARIETY

1200x2600 mm	SEMILUX	9mm	6
1000x1000 mm	SEMILUX	10mm	12
800x1600 mm	SEMILUX	10mm	9

100% DESIGN AND
PRODUCTION PROCESS
OF ITALIAN

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Metalux

Anthracite

120x260 cm - 47"x102" 9 mm MATT - SEMILUX 8 Faces 5285



Metalux

Mint

120x260 cm - 47"x102" 9 mm MATT - SEMILUX 8 Faces 5275



Pier

Corten

150x300 cm - 59"x118" 9 mm Matt 4 Faces 5005
150x150 cm - 59"x59" 9 mm Matt 8 Faces 5005



Pier

Iron

120x120 cm - 47"x47" 9 mm MATT - SEMILUX 16 Faces 5000
150x150 cm - 59"x59" 9 mm MATT 8 Faces 5000
120x240 cm - 47"x94" 9 mm MATT - SEMILUX 8 Faces 5000
150x300 cm - 59"x118" 9 mm MATT 4 Faces 5000



Pier

Steel

120x120 cm - 47"x47" 9 mm MATT - SEMILUX 16 Faces 5015
150x150 cm - 59"x59" 9 mm MATT 8 Faces 5015
120x240 cm - 47"x94" 9 mm MATT - SEMILUX 8 Faces 5015
120x260 cm - 47"x102" 9 mm MATT - SEMILUX 4 Faces 5015
150x300 cm - 59"x118" 9 mm MATT 4 Faces 5015



Pier

Zinc

120x120 cm - 47"x47" 9 mm MATT - SEMILUX 16 Faces 5010
150x150 cm - 59"x59" 9 mm MATT 8 Faces 5010
120x240 cm - 47"x94" 9 mm MATT - SEMILUX 8 Faces 5010
120x260 cm - 47"x102" 9 mm MATT 4 Faces 5010
150x300 cm - 59"x118" 9 mm MATT 4 Faces 5010



1

Stone

83-86 Magma

87-88 Stone Collection



WALL: MAGMA ANTHRACITE EVO DRY 150x300x0,9
FLOOR : PREMIUM WHITE 80x120x1,0

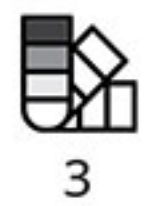
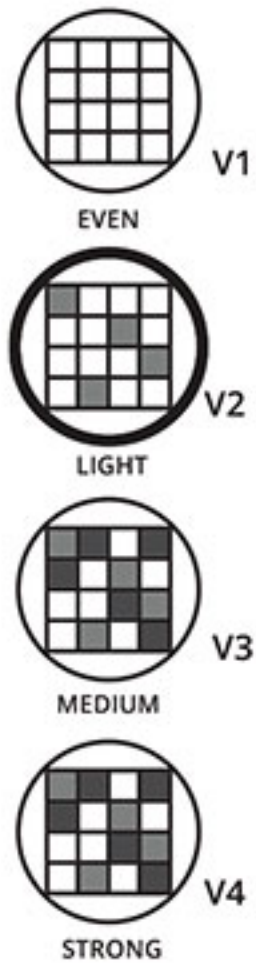
MAGMA ANTHRACITE

MATT SURFACE CODE 5260
1500x3000 / 59"x118"

DRY APPLICATION TECHNOLOGY

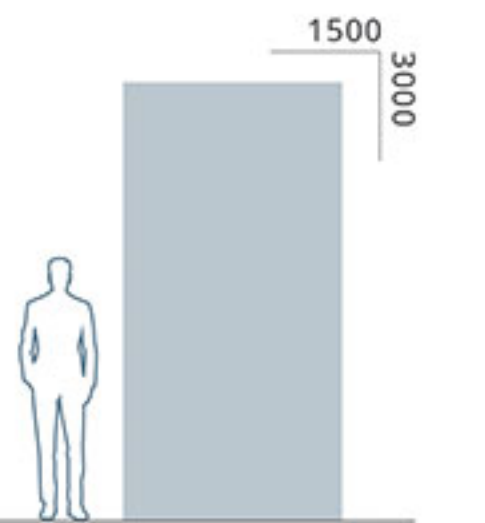
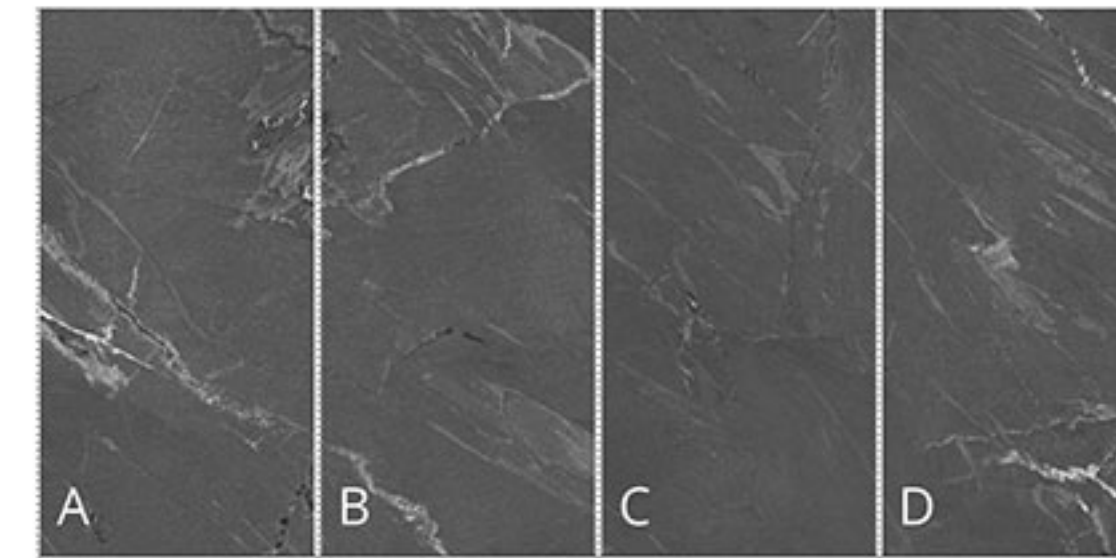


SHADE SPECTRUM



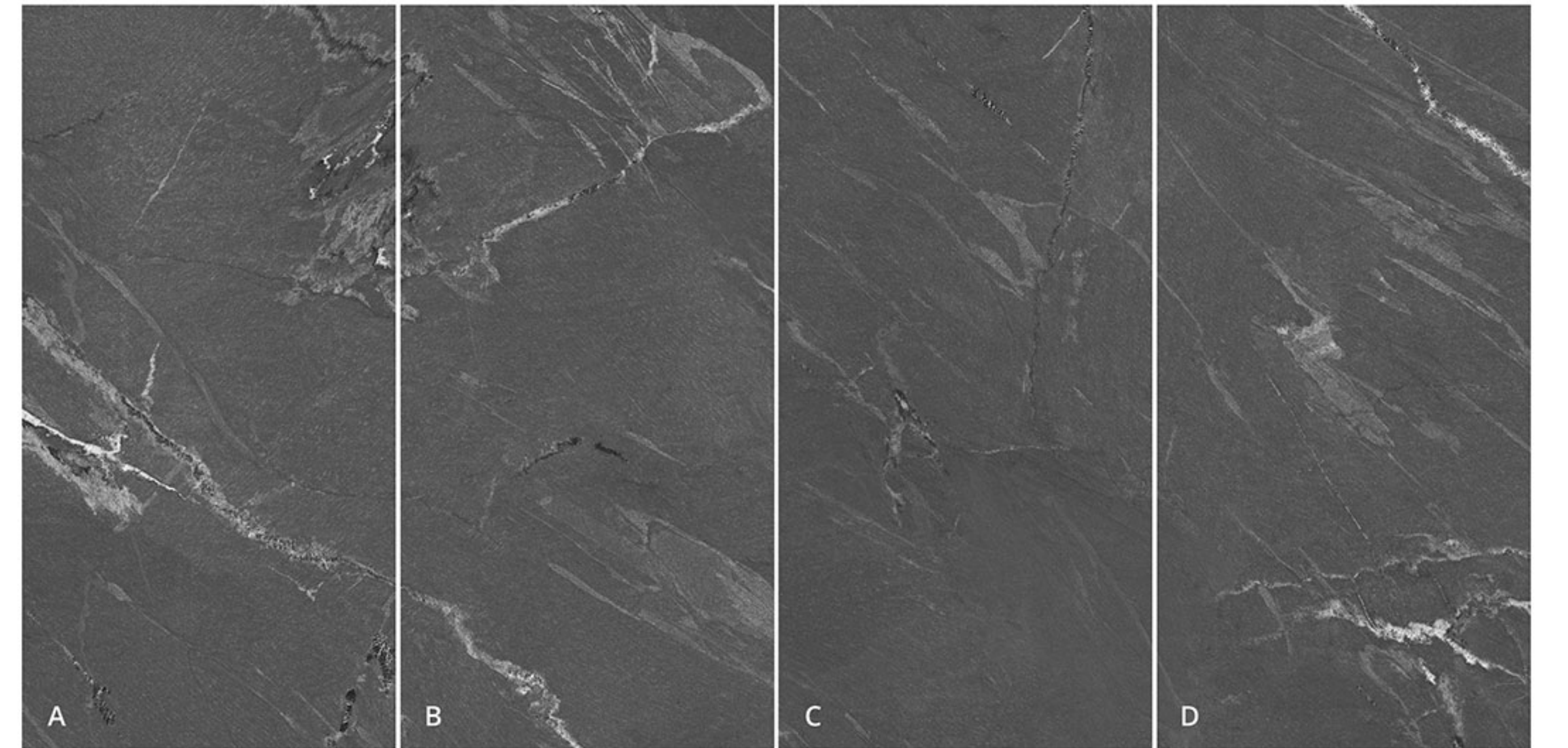
1500x3000 mm	Matt DRY APP	9mm	4
800x1200 mm	Matt Rustic	9mm	8

REGULAR PATTERN 150x300 cm - 59"x118"



The production process does not guarantee continuity in the design of the veining among the various pieces provided. Any misalignment between the continuous veining is to be considered an intrinsic characteristic of the product. The image shown is merely indicative; the shades and veinings of the product may be subject to variations.

Sizes	Thickness	Surface Finish	Number of Faces
150x300 cm - 59"x118"	9 mm	MATT EVO DRY	4 Faces



COLOR RANGE & CODE



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100% DESIGN AND PRODUCTION PROCESS OF ITALIAN



Magma

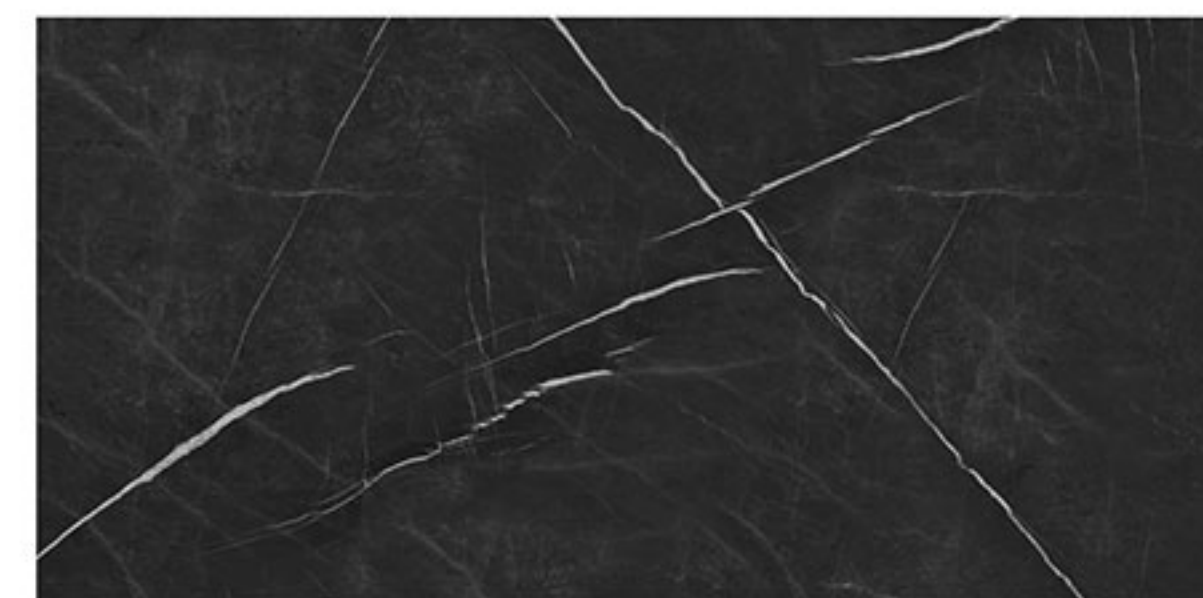
Gray

120x260 cm - 47"x102" 9 mm MATT 8 Faces 5255



Pietra

120x260 cm - 47"x102" 9 mm MATT 8 Faces 5430 - 5435



2

Decorative

92-95 Glamora
96-99 Iris

GLAMORA

COLLECTION



WALL : GLAMORA DECOR 150x300x0,9
WALL : GLAMORA BACKGROUND 150x300x0,9

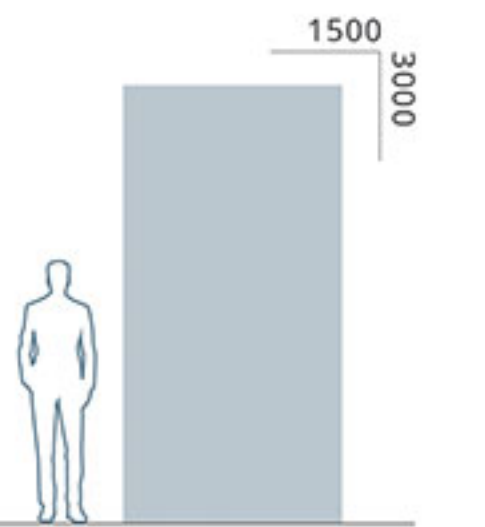
GLAMORA

MATT SURFACE CODE 5470 - 5475
1500x3000 / 59"x118"



PORCELAIN STONEWARE - NORMAL BODY

DECORATIVE



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Sizes	Thickness	Surface Finish	Number of Faces
150x300 cm - 59"x118"	9 mm	MATT EVO DRY	2 Faces

SPECIAL KITS CONTINUOUS

EVO DRY EFFECT



COLOR RANGE & CODES

GLAMORA Decor	5470	GLAMORA Background	5475
---------------	------	--------------------	------

100% DESIGN AND
PRODUCTION PROCESS
OF ITALIAN

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- Inside the pallet foam is placed between the slabs.



WALL: IRIS DECOR 150x300x0,9
FLOOR : MUGGO 22.5x180x0,9
WALL : MONOCOLOR MUSTARD 80x120x1.2

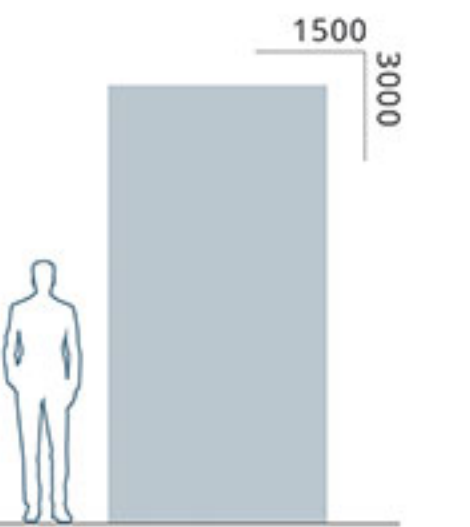
IRIS

MATT SURFACE CODE 5470-5475
1500x3000 / 59"x118"



PORCELAIN STONEWARE - NORMAL BODY

DECORATIVE



The production process does not guarantee continuity in the design of the veining among the various pieces provided. Any misalignment between the continuous veining is to be considered an intrinsic characteristic of the product. The image shown is merely indicative; the shades and veinings of the product may be subject to variations.

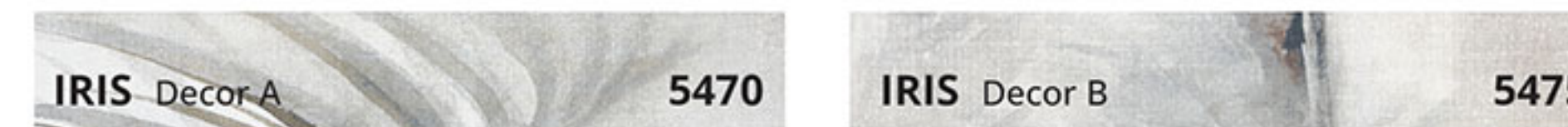
Sizes	Thickness	Surface Finish	Number of Faces
150x300 cm - 59"x118"	9 mm	MATT EVO DRY	2 Faces

SPECIAL KITS CONTINUOUS

EVO DRY EFFECT



COLOR RANGE & CODES



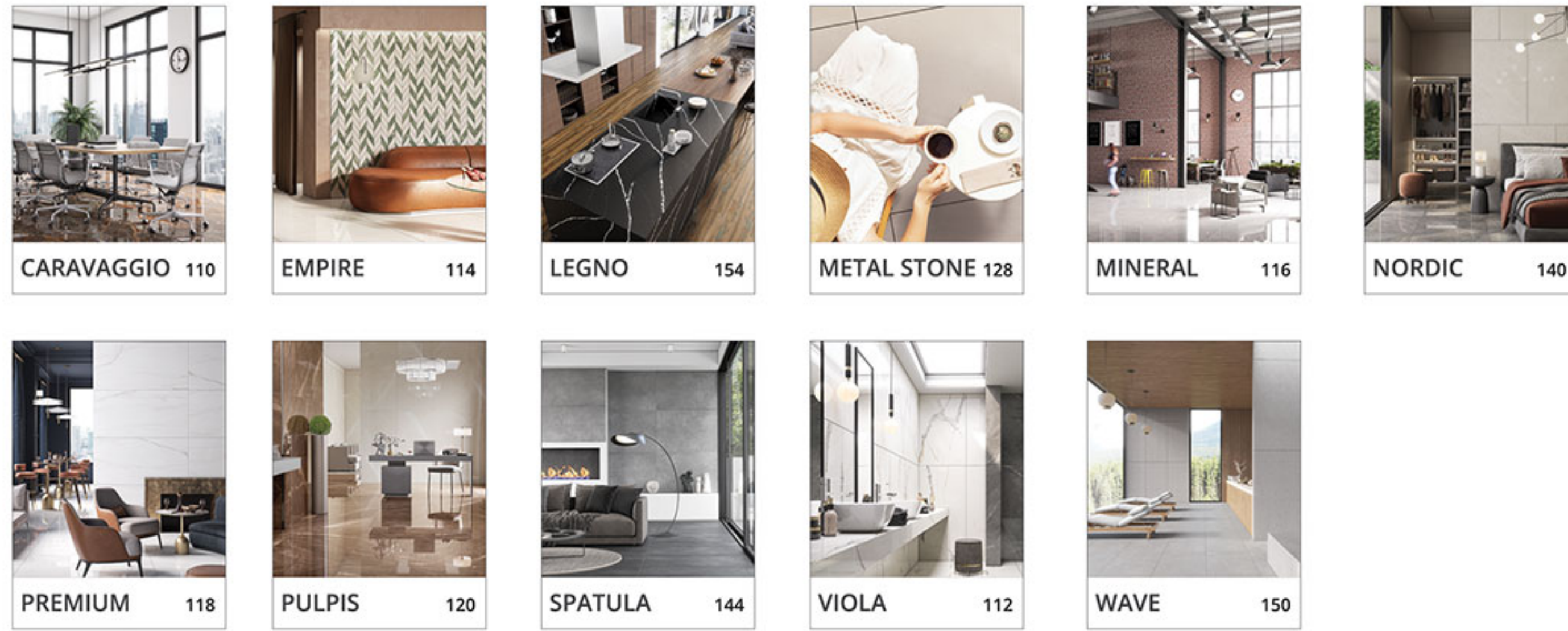
100% DESIGN AND PRODUCTION PROCESS
OF ITALIAN

- The various graphics of the product are distributed randomly in the boxes, without the possibility of choosing between the available patterns.
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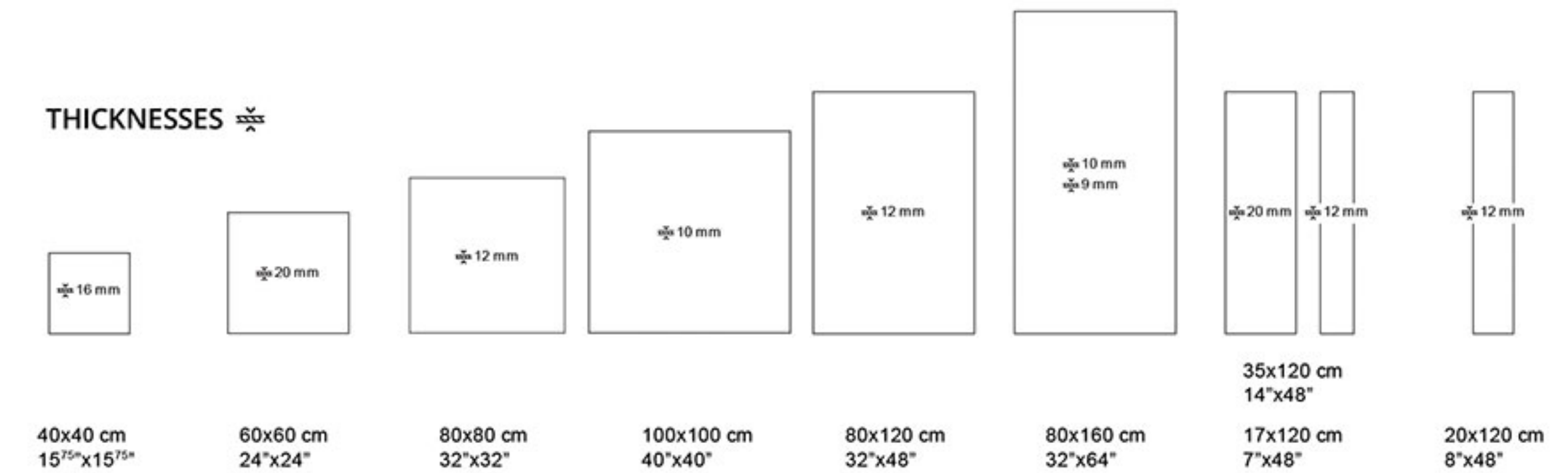
COLLECTION
2024

TILE
BOOK.24

PALERMO[®] COLLECTIONS



INDEX BY SIZE & SURFACES



COLLECTIONS	PG.	40x40 cm 15 ^{7/8} x15 ^{7/8} "			60x60 cm 24"x24"			80x80 cm 32"x32"			100x100 cm 40"x40"			80x120 cm 32"x48"			80x160 cm 32"x64"			17x120 cm 7"x48"			20x120 cm 8"x48"		
		POLISHED	MATT	SEMILUX	POLISHED	MATT	SEMILUX	POLISHED	MATT	SEMILUX	POLISHED	MATT	SEMILUX	POLISHED	MATT	SEMILUX	POLISHED	MATT	SEMILUX	POLISHED	MATT	SEMILUX			
CARAVAGGIO	110																								
EMPIRE	114													■											
METAL STONE ANTHRACITE	132													■	■		■	■							
METAL STONE GRAY	130													■	■		■	■							
METAL STONE IVORY	130													■	■		■	■							
MINERAL	116		■								■	■					■								
NORDIC	140													■	■										
PREMIUM	118													■	■		■	■							
PULPIS	120																■								
SPATULA	144																								
VIOLA	112																■								
WAVE	150																						■		

The samples photographed are intended to give an approximate idea of the product; the colours and textures shown are not binding.

LOOK INDEX**MARBLE LOOK**

CARAVAGGIO	110-111
EMPIRE	114-115
MINERAL	116-117
PREMIUM	118-119
PULPIS	120-121
VIOLA	112-113

METAL & CONCRETE LOOK

METAL STONE	128-133
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STONE LOOK

NORDIC	140-143
SPATULA	144-147

WOOD LOOK

LEGNO	156-157
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DECORATIVE

WAVE	152-153
------	---------

ALPHABETICAL INDEX

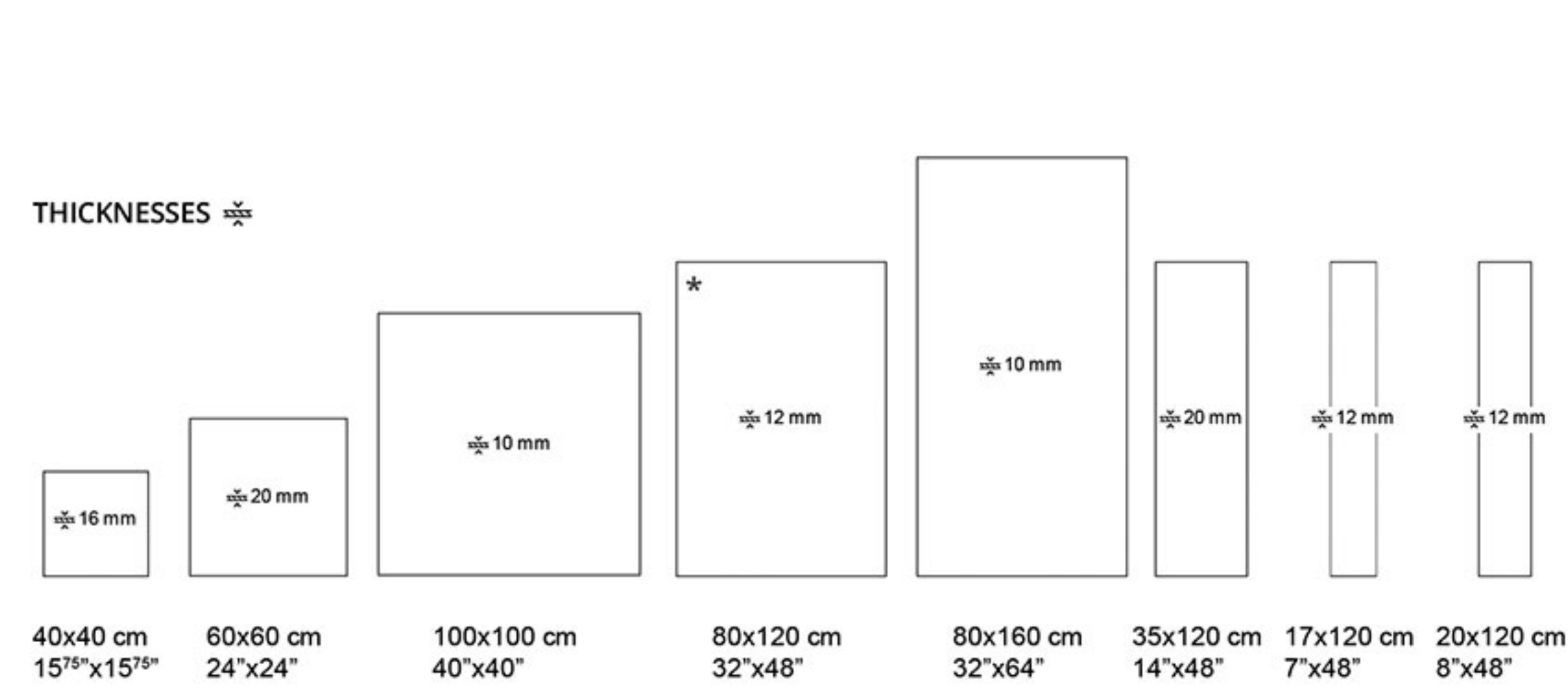
CARAVAGGIO	110-111
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NORDIC	140-143
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PULPIS	120-121
SPATULA	144-147
VIOLA	112-113
WAVE	152-153



IMPROVED SIZES FOR WALL AND FLOOR.

PAELERMO developed dedicated solutions for architecture and interior design, optimising modularity and surface dimensions.

The convenient sizes ideal for wall installation and the large Format porcelain slabs provide beauty and functionality every day.



8 SIZE / 1 EXCLUSIVE SIZE*

EXCLUSIVE SURFACES.






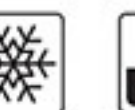







The depth of ceramic culture is expressed through a range of unique processes, which create natural and silky effects, looks that resemble time-worn stones, and glossy and mirror surfaces; technological evolution is an unstoppable force, defining more and more exclusive products.



01 Design's Name	05 Product Code	09 Ambient
02 Product's Detail	06 Available Sizes	10 Collection Tittle
03 Design's Texture	07 Ambient's Info	11 Collection Tagline
04 Color	08 Symbols	12 Page Number



08 — The meaning of the symbols and classifications used in this catalogue

-  Rustic Tile
-  Wall Tile
-  Floor Tile
-  Minimum Joint
-  Rectified
-  Frost Resistance
-  Heavy Traffic
-  Outdoor Usage
-  Polished Surface
-  Matt Surface
-  Semilux Surface
-  Full Body
-  Color Body



6 Marble

110-111	Caravaggio
112-113	Calacatta Viola
114-115	Empire
116-117	Mineral
118-119	Premium
120-121	Pulpis
122-125	Marble Collection

CARAVAGGIO

POLISHED SURFACE CODE 5160
800x1600 / 32"x64"



8



FLOOR ▾

CARAVAGGIO POLISHED CODE 5160
800x1600 / 32"x64"

CALACATA VIOLA

POLISHED SURFACE CODE 5625
800x1600 / 32"x64"



10

CALACATA VIOLA

5625

WALL / FLOOR ▶ | ≡

CALACATA VIOLA POLISHED CODE 5625
800x1600 / 32"x64"

SHOWER CLADDING ▶ |

PULPIS DARK GRAY POLISHED CODE 5440
800x1600 / 32"x64"



EMPIRE

POLISHED SURFACE CODE 2705
800x1200 / 32"x48"



EMPIRE

2705

WALL ▶

CUTTING PIECES EMPIRE / EMERALD
800x1200 / 32"x48"

FLOOR ▾

EMPIRE POLISHED CODE 2705
800x1200 / 32"x48"



MINERAL

POLISHED SURFACE CODE 2635
800x1600 / 32"x64"



6



FLOOR ▾
MINERAL POLISHED CODE 2635
800x1600 / 32"x64"

PREMIUM

POLISHED / MATT SURFACE CODE 2655
800x1200 / 32"x48"

PALERMO CERAMICS | PREMIUM COLLECTION



✂ 12

WALL ▶

PREMIUM MATT CODE 2655
800x1200 / 32"x48"

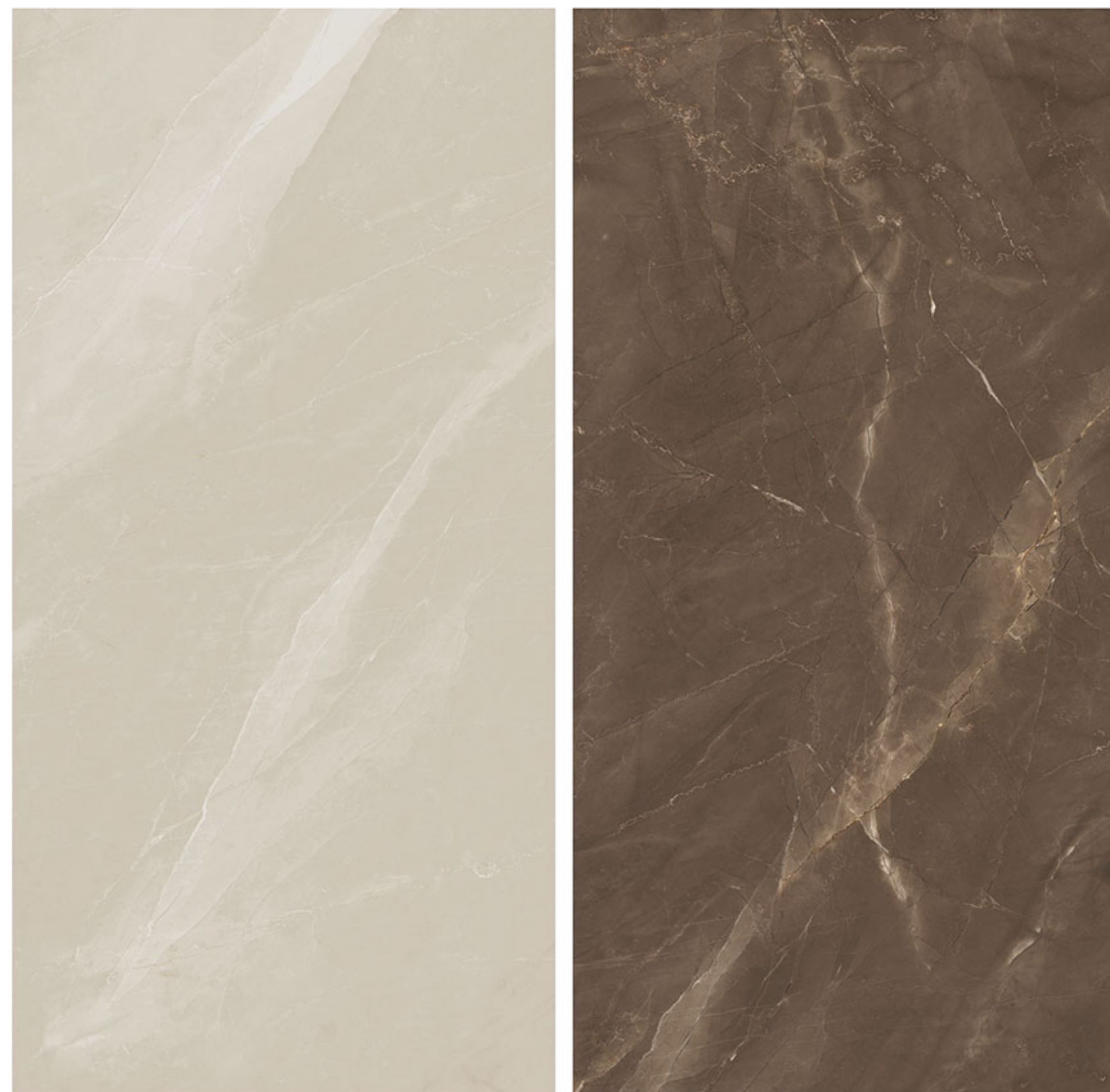
FLOOR ▾

PREMIUM POLISHED CODE 2655
1200x2600 / 47"x102"



PULPIS

POLISHED SURFACE CODE 5320 - 5440 - 5445
800x1600 / 32"x64"



LION

5445 BROWN

5320



WALL ▶

PULPIS POLISHED LION CODE 5445
800x1600 / 32"x64"

FLOOR ▾

PULPIS POLISHED BROWN CODE 5320
800x1600 / 32"x64"



Bamboo

80x120 cm - 32"x48" 10 mm POLISHED 6 Faces 2400
80x160 cm - 32"x64" 9 mm POLISHED 6 Faces 2400



Calacatta Velvet

80x160 cm - 32"x64" 10 mm POLISHED 16 Faces 5035



Calacatta White

80x120 cm - 32"x48" 10 mm POLISHED 7 Faces 2010
100x100 cm - 40"x40" 10 mm POLISHED - MATT 7 Faces 2010



Calacatta Gold

80x120 cm - 32"x48" 10 mm POLISHED 5 Faces 2050
100x100 cm - 40"x40" 10 mm POLISHED - MATT 5 Faces 2050



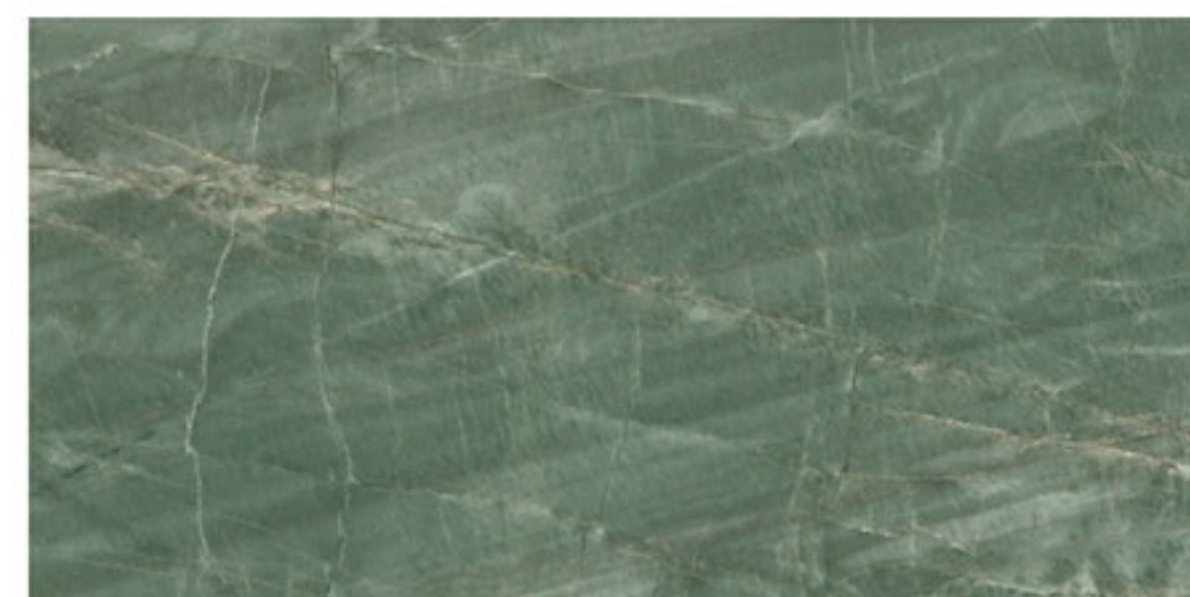
Carrara

80x120 cm - 32"x48" 12 mm MATT - POLISHED 16 Faces 5240
80x160 cm - 47"x94" 10 mm POLISHED 8 Faces 5240



Emerald

80x120 cm - 32"x48" 12 mm POLISHED 5 Faces 2420



Golden Marble

80x120 cm - 32"x48" 12 mm POLISHED 8 Faces 2280
40x40 cm - 15"x15" 16 mm MATT 18 Faces 2280



Infinity

80x120 cm - 32"x48" 12 mm POLISHED 5 Faces 2425



Legend

80x160 cm - 32"x64" 10 mm POLISHED 2 Faces 5335 - 5340



Maron

80x120 cm - 32"x48" 10 mm POLISHED 5 Faces 2300



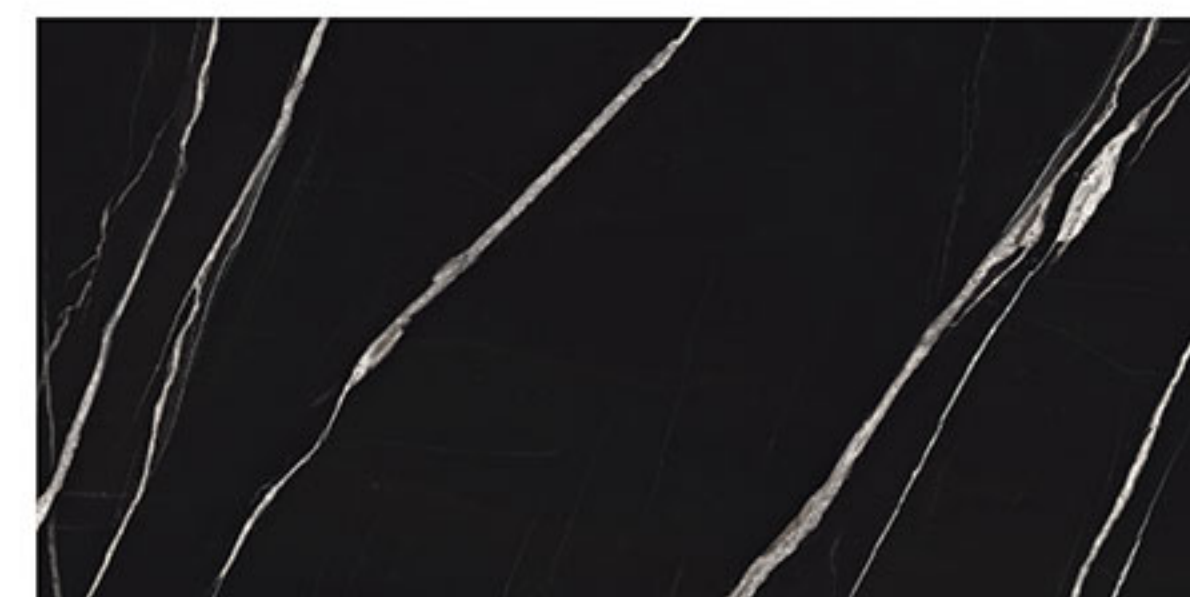
Marvel

80x120 cm - 32"x48" 12 mm POLISHED 12 Faces 5345
80x160 cm - 32"x64" 10 mm POLISHED 9 Faces 5345
100x100 cm - 40"x40" 10 mm POLISHED - MATT 10 Faces 5345



Midnight

80x160 cm - 32"x64" 10 mm POLISHED - MATT 16 Faces 5085



Mineral

Gray

40x40 cm - 15"x15"	16 mm	MATT	8 Faces	2635
100x100 cm - 40"x40"	10 mm	MATT	8 Faces	2635
80x160 cm - 32"x64"	10 mm	POLISHED	6 Faces	2635



Ocean

Blue

80x120 cm - 32"x64"	12 mm	POLISHED	5 Faces	2060
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Ocean

White

80x120 cm - 32"x64"	12 mm	POLISHED	5 Faces	2065
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Pietra

Golden

40x40 cm - 15"x15"	16 mm	RUSTIC MATT	18 Faces	2315
60x60 cm - 24"x24"	16 mm	RUSTIC MATT	5 Faces	2315
80x120 cm - 32"x64"	12 mm	POLISHED	7 Faces	2315



Pietra

Anthracite

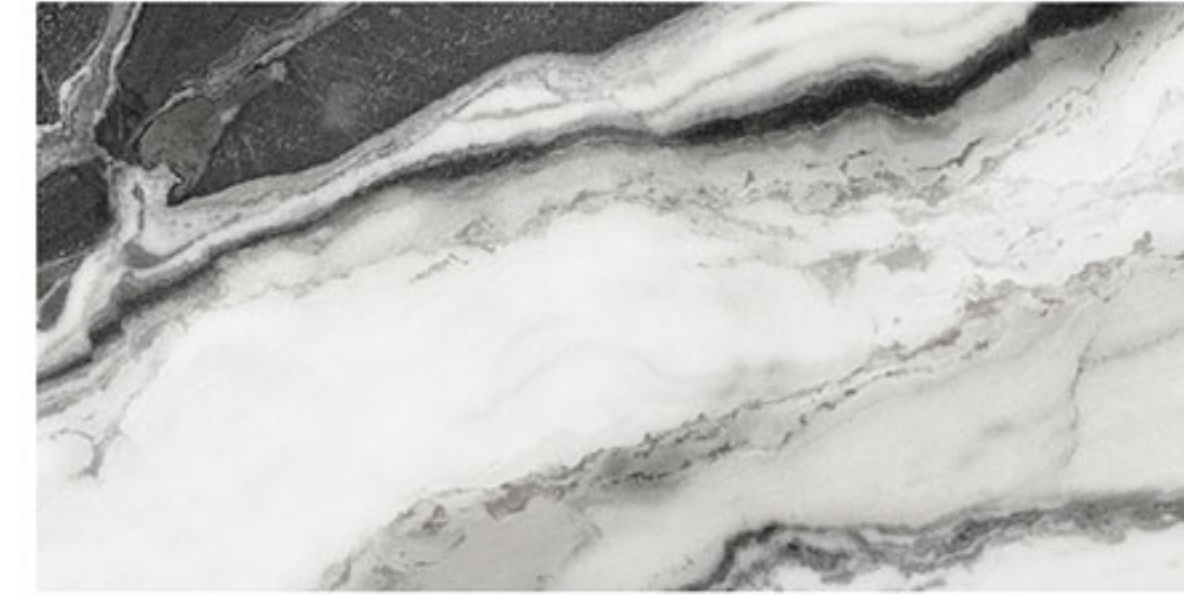
40x40 cm - 15"x15"	16 mm	RUSTIC MATT	18 Faces	2365
80x120 cm - 32"x64"	12 mm	MATT	7 Faces	2365



Prime

Ivory

80x120 cm - 32"x64"	12 mm	POLISHED	12 Faces	5305
100x100 cm - 40"x40"	10 mm	POLISHED	10 Faces	5305
80x160 cm - 32"x64"	10 mm	POLISHED	9 Faces	5305



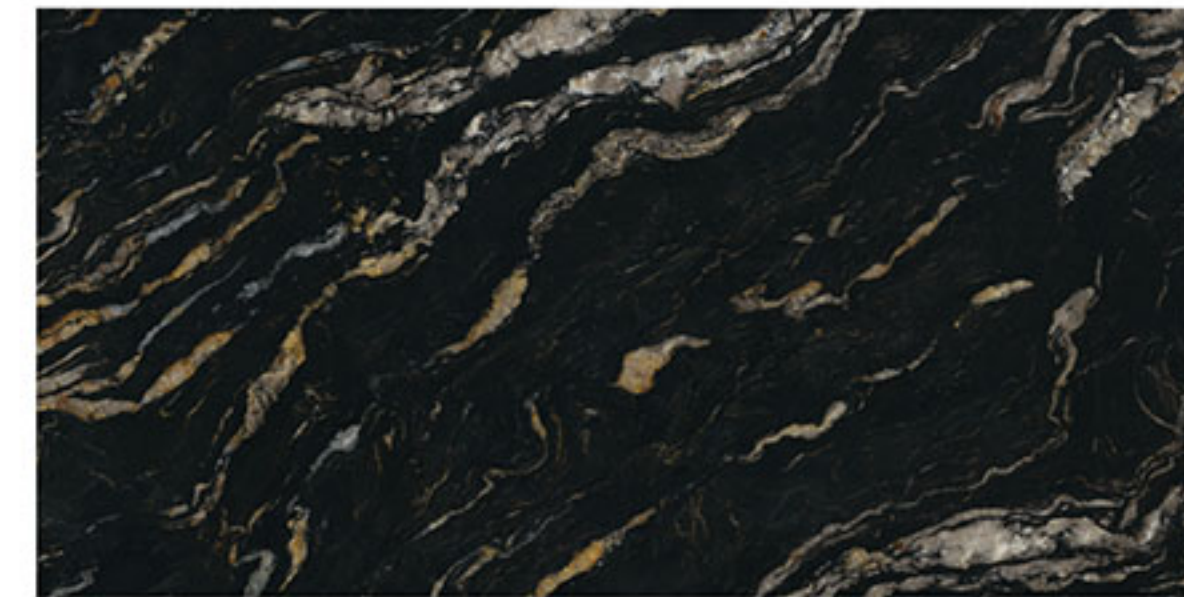
Renovar

80x120 cm - 32"x64"	12 mm	POLISHED	9 Faces	2200
80x160 cm - 32"x64"	10 mm	POLISHED - MATT	9 Faces	2200



Thunder

80x160 cm - 32"x64"	10 mm	POLISHED	5 Faces	5080
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Titanium

80x120 cm - 32"x64"	12 mm	POLISHED	5 Faces	2275 - 2285 - 2290
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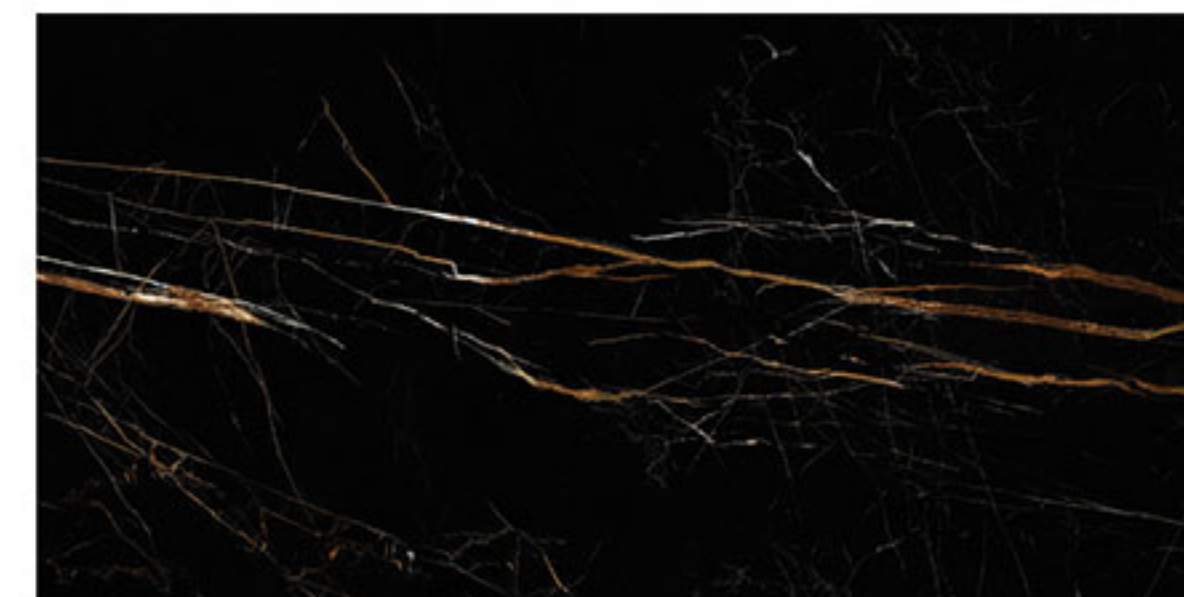
Venice

80x160 cm - 32"x64"	10 mm	POLISHED - MATT	9 Faces	5025
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Volakas

80x120 cm - 32"x64"	12 mm	POLISHED	4 Faces	2245
80x80 cm - 32"x32"	12 mm	POLISHED	9 Faces	5345
40x40 cm - 15"x15"	16 mm	MATT	24 Faces	5345



Volcano

80x160 cm - 32"x64"	10 mm	POLISHED	9 Faces	5380
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1

Concrete
& Metal

128-133 Metal Stone

134-137 Concrete & Metal Collection

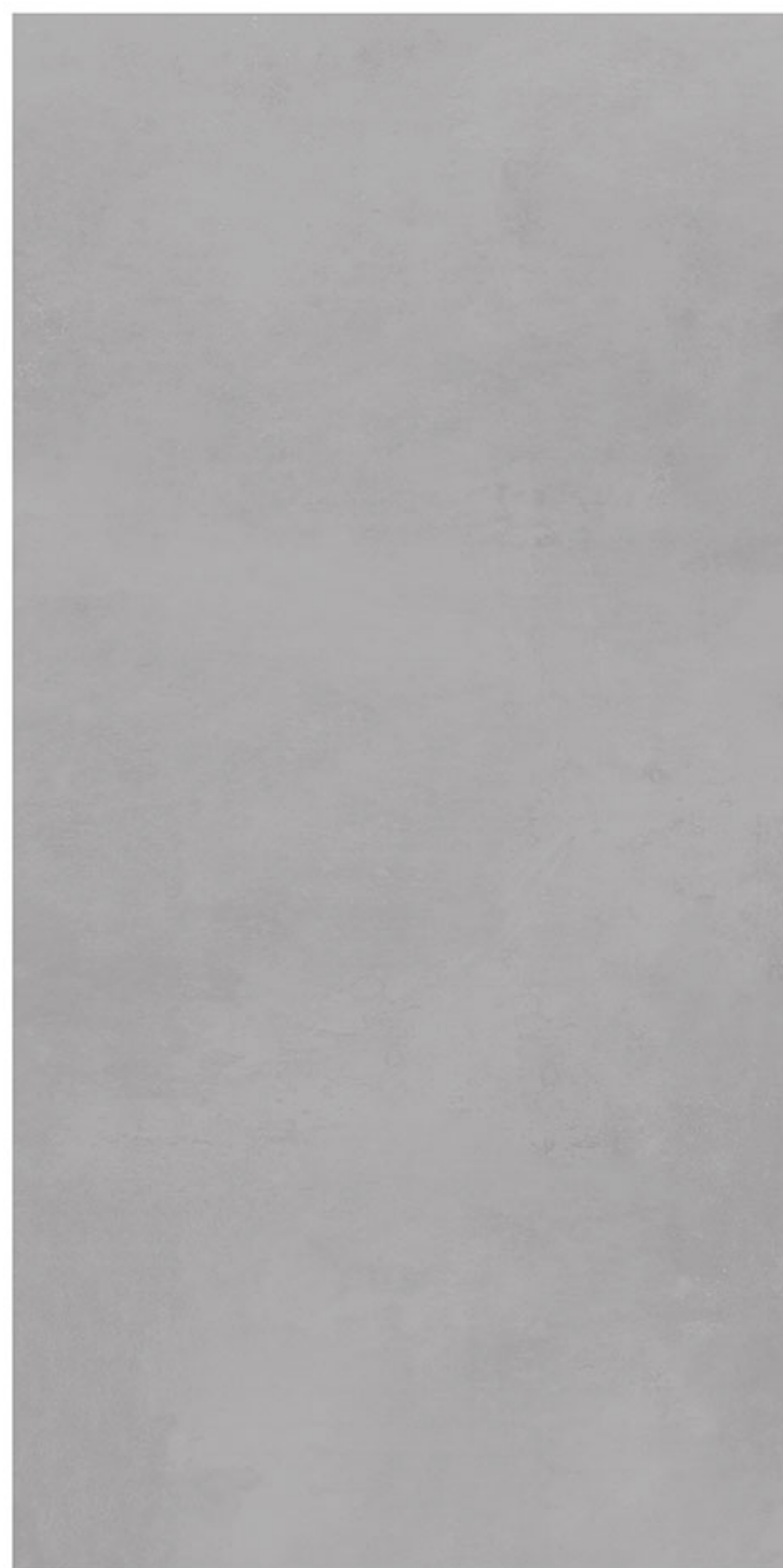


METAL STONE

MATT / SEMILUX SURFACE
800x1600 / 32"x64"



IVORY



2505 GRAY

2510



8



FLOOR ▾

METAL STONE GRAY SEMILUX CODE 2510
800x1600 / 32"x64"

METAL STONE

MATT / SEMILUX SURFACE CODE 2515
800x1600 / 32"x64"



ANTHRACITE

2515

FACADE ▶

METAL STONE ANTHRACITE MATT CODE 2515
800x1600 / 32"x64"



Avenue

40x40 cm - 15"x15" 16 mm RUSTIC MATT 6 Faces 2190
60x60 cm - 16"x16" 20 mm MATT 4 Faces 2190



Concept Beton Gray

80x120 cm - 32"x64" 12 mm MATT 8 Faces 2120



Concept Beton Light Gray

80x120 cm - 32"x64" 12 mm MATT 8 Faces 2115



Concept Beton Anthracite

80x120 cm - 32"x64" 12 mm MATT 8 Faces 2125



Gravity

60x60 cm - 24"x24" 20 mm MATT 5 Faces 2250



Metalico

IRON

80x120 cm - 32"x48" 12 mm MATT 15 Faces 2495



Metalico

SILVER

80x120 cm - 32"x48" 12 mm MATT 15 Faces 2485



Metalico

ZINC

80x120 cm - 32"x48" 12 mm MATT 15 Faces 2480



Metalico

CORTEN

80x120 cm - 32"x48" 12 mm MATT 15 Faces 2490



Metalux

SMOKY

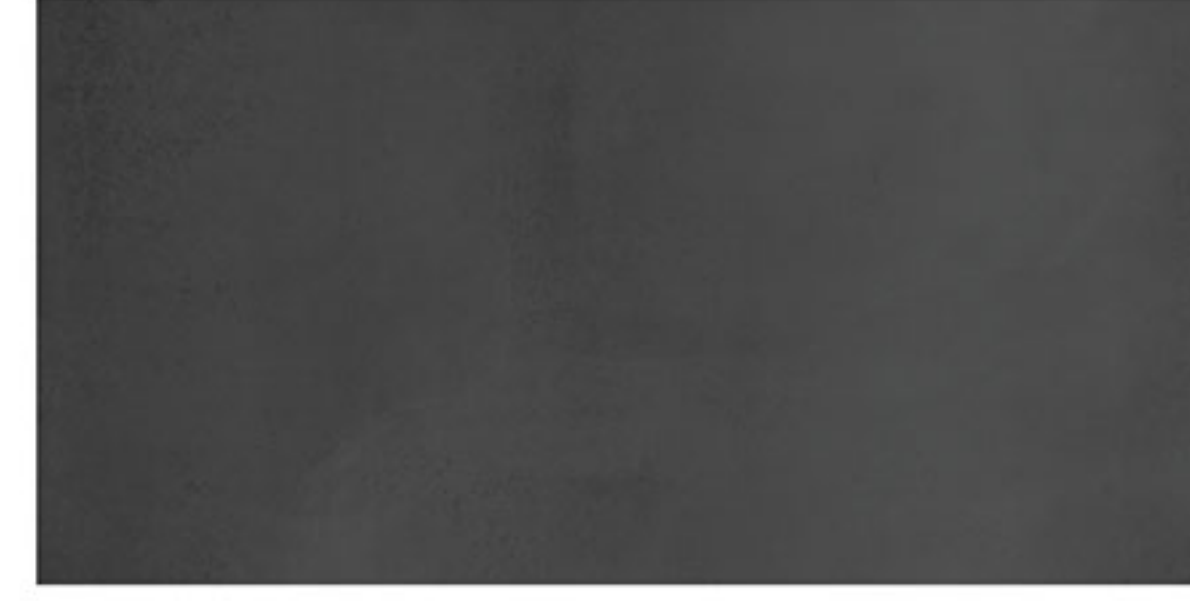
80x160 cm - 32"x64" 10 mm SEMILUX 9 Faces 5290
100x100 cm - 40"x40" 10 mm SEMILUX 12 Faces 5090



Metalux

GRAPHITE

80x160 cm - 32"x64" 10 mm SEMILUX 9 Faces 5285
100x100 cm - 40"x40" 10 mm SEMILUX 12 Faces 5285



Metalux

MINT

80x160 cm - 32"x64" 10 mm SEMILUX 9 Faces 5275
100x100 cm - 40"x40" 10 mm SEMILUX 12 Faces 5275



2

Stone

140-143

Nordic

144-147

Spatula

148-149

Stone Collection

NORDIC

MATT / POLISHED SURFACE CODE 2680 - 2685
800x1200 / 32"x48"



BONY

2680 GRAY

2685

WALL ▶

NORDIC POLISHED CODE 2680
800x1200 / 32"x48"

FLOOR ▾

NORDIC POLISHED CODE 2685
800x1200 / 32"x48"



NORDIC

RUSTIC SURFACE CODE 2680
800x1200 / 32"x48"

PALERMO CERAMICS | NORDIC COLLECTION



FLOOR ▾

NORDIC BONE RUSTIC CODE 2680
800x1200 / 32"x48"

WALL ▸

MONOCOLOR ROYAL GREEN
CODE 2455
800x1200 / 32"x48"

SPATULA

RUSTIC SURFACE
800x1200 / 32"x48"



8

GRAY

2585



8

LIGHT GRAY

2580



FLOOR ▾

SPATULA ANTHRACITE RUSTIC
800x1200 / 32"x48"

FIREPLACE WALL ▶|

SPATULA GRAY RUSTIC
800x1200 / 32"x48"

YARD FLOOR ▾

SPATULA LIGHT GRAY RUSTIC
800x1200 / 32"x48"

SPATULA

RUSTIC SURFACE
800x1200 / 32"x48"



CREAM

2595



ANTHRACITE

2590



FACADE ▶

SPATULA RUSTIC CODE 2585-2590-2595
800x1200 / 32"x48"

Mars

Cream

100x100 cm - 47"x94" 10 mm SEMILUX 8 Faces 2545



Mars

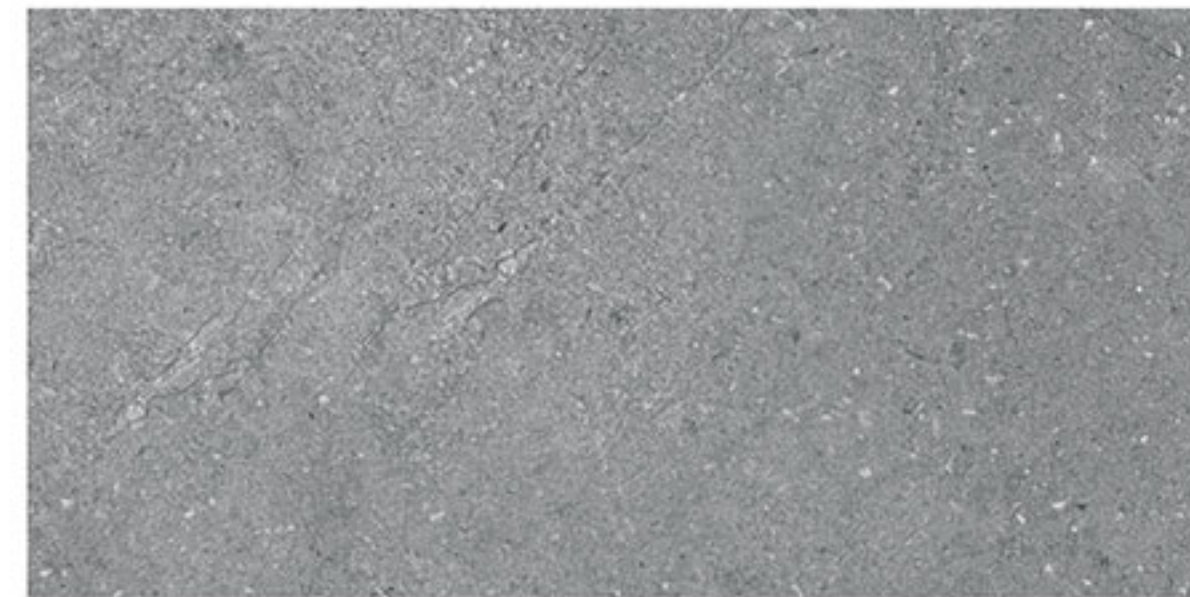
Beige

60x60 cm - 24"x24" 20 mm RUSTIC MATT 6 Faces 2540



Mars

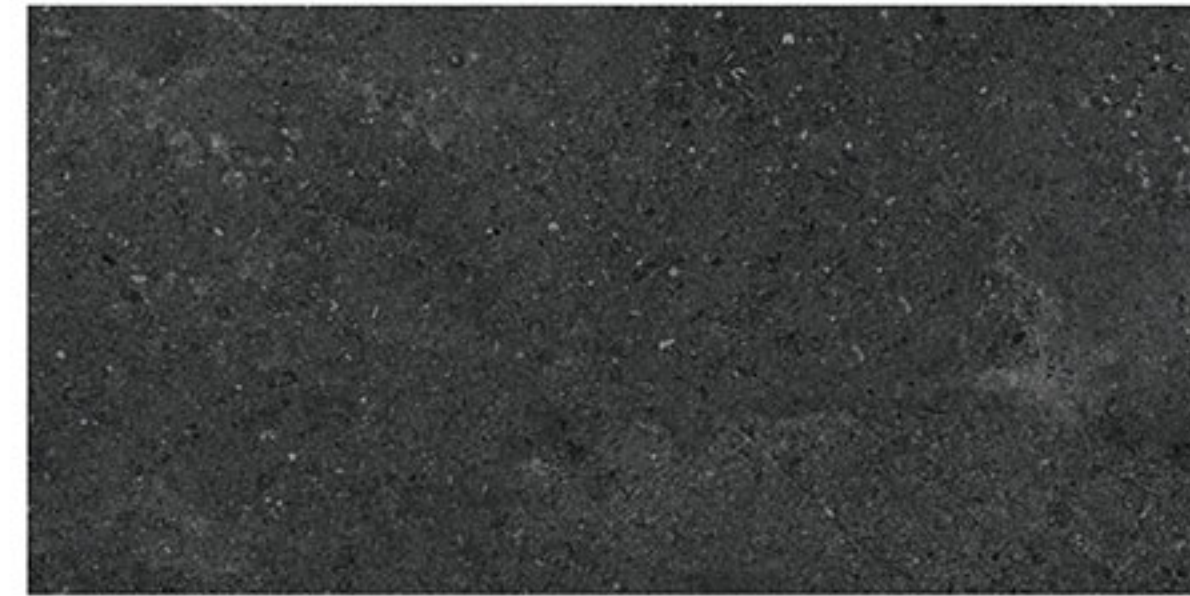
60x60 cm - 24"x24" 20 mm RUSTIC MATT 6 Faces Silver / 2530
100x100 cm - 40"x40" 10 mm SEMILUX 8 Faces Light Gray / 2550



Mars

Dark Gray

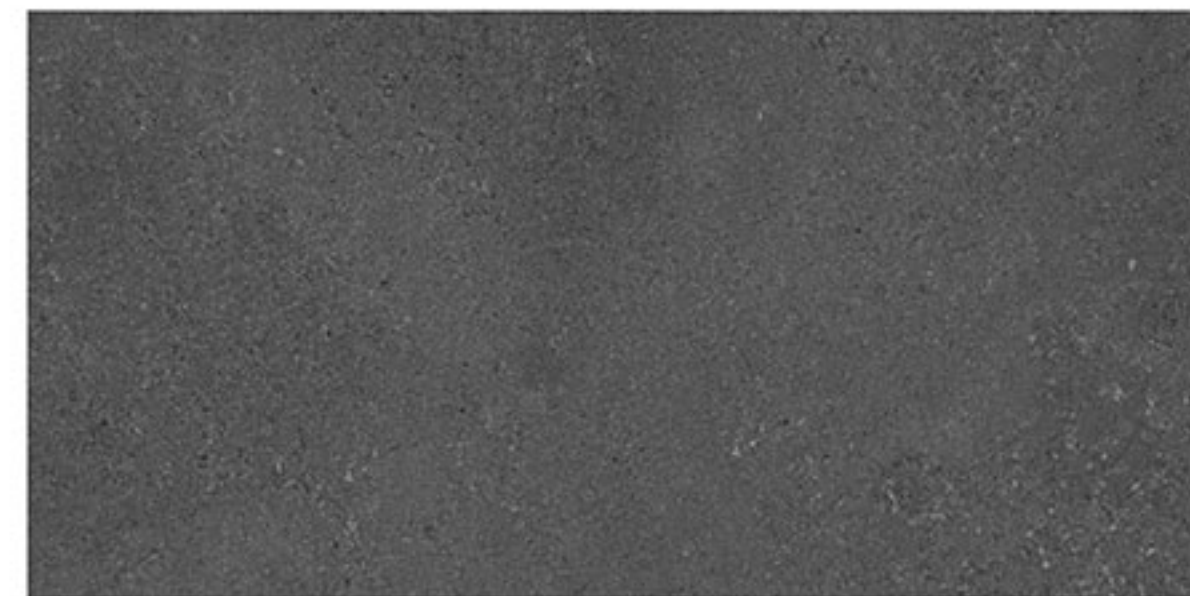
60x60 cm - 24"x24" 20 mm RUSTIC MATT 6 Faces 2535



Mars

Dark Gray

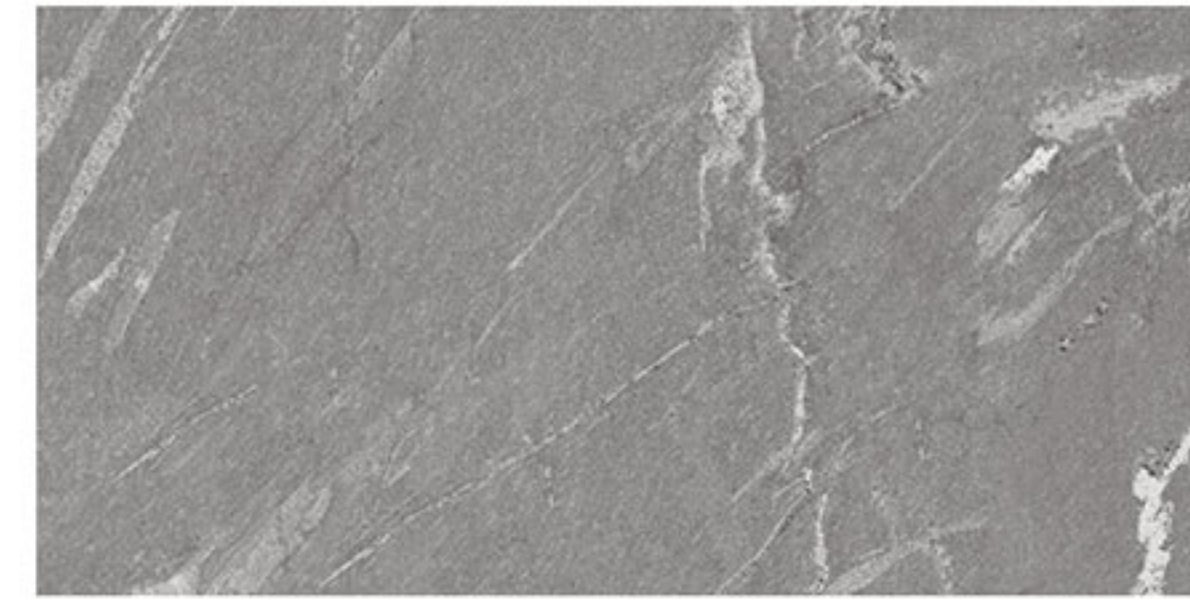
100x100 cm - 40"x40" 10 mm SEMILUX 8 Faces 2353
60x60 cm - 24"x24" 20 mm MATT 6 Faces 2353



Magma

Gray

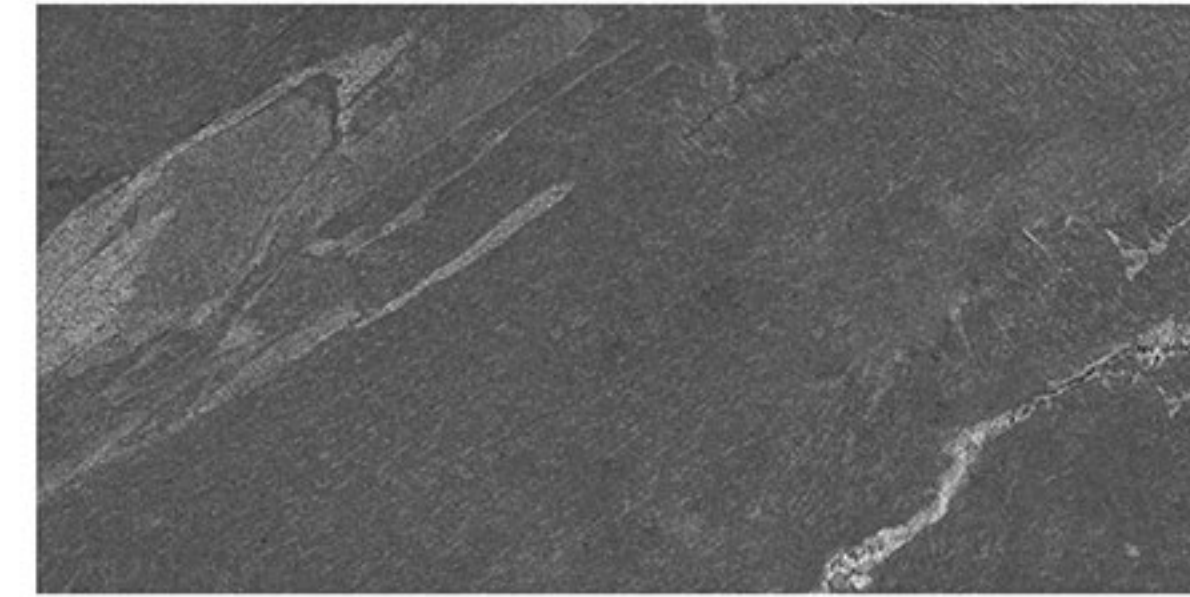
80x120 cm - 32"x48" 12 mm RUSTIC MATT 8 Faces 5255



Magma

Anthracite

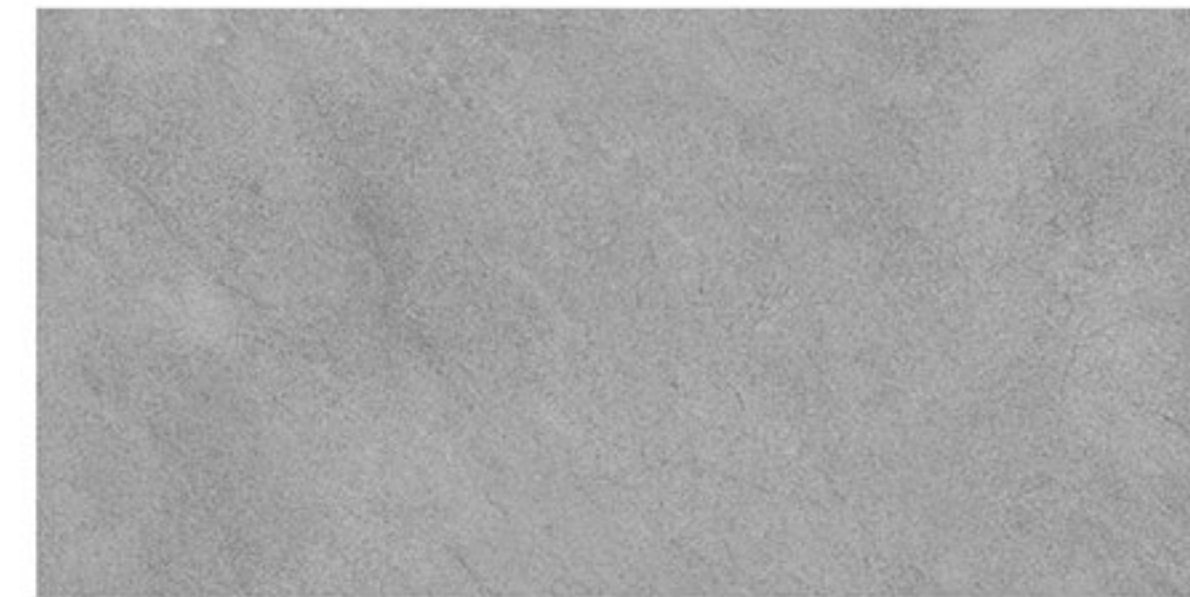
80x120 cm - 32"x48" 12 mm RUSTIC MATT 8 Faces 5260
150x300 cm - 59"x118" 9 mm MATT 4 Faces 5260



Slate

Light Gray

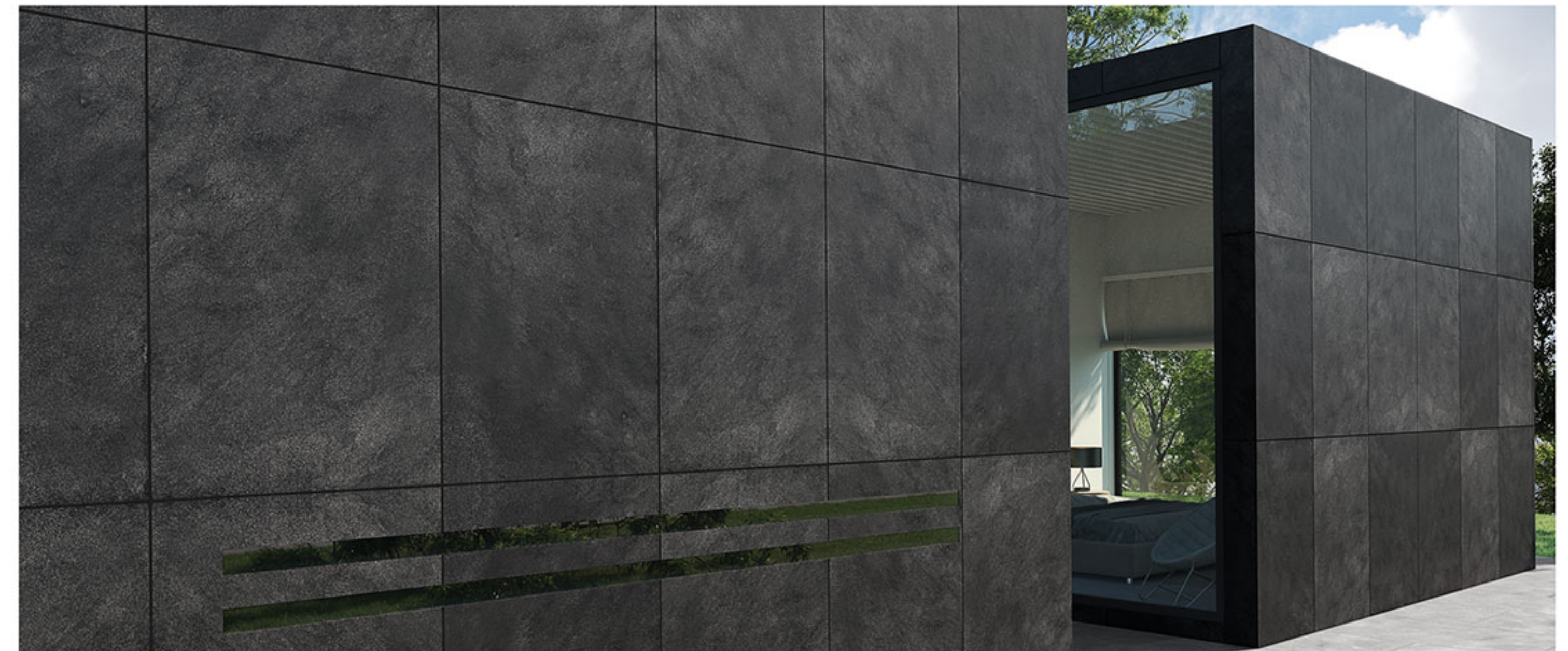
80x120 cm - 32"x48" 12 mm RUSTIC MATT 3 Faces 2325



Slate

Anthracite

80x120 cm - 32"x48" 12 mm RUSTIC MATT 3 Faces 2335

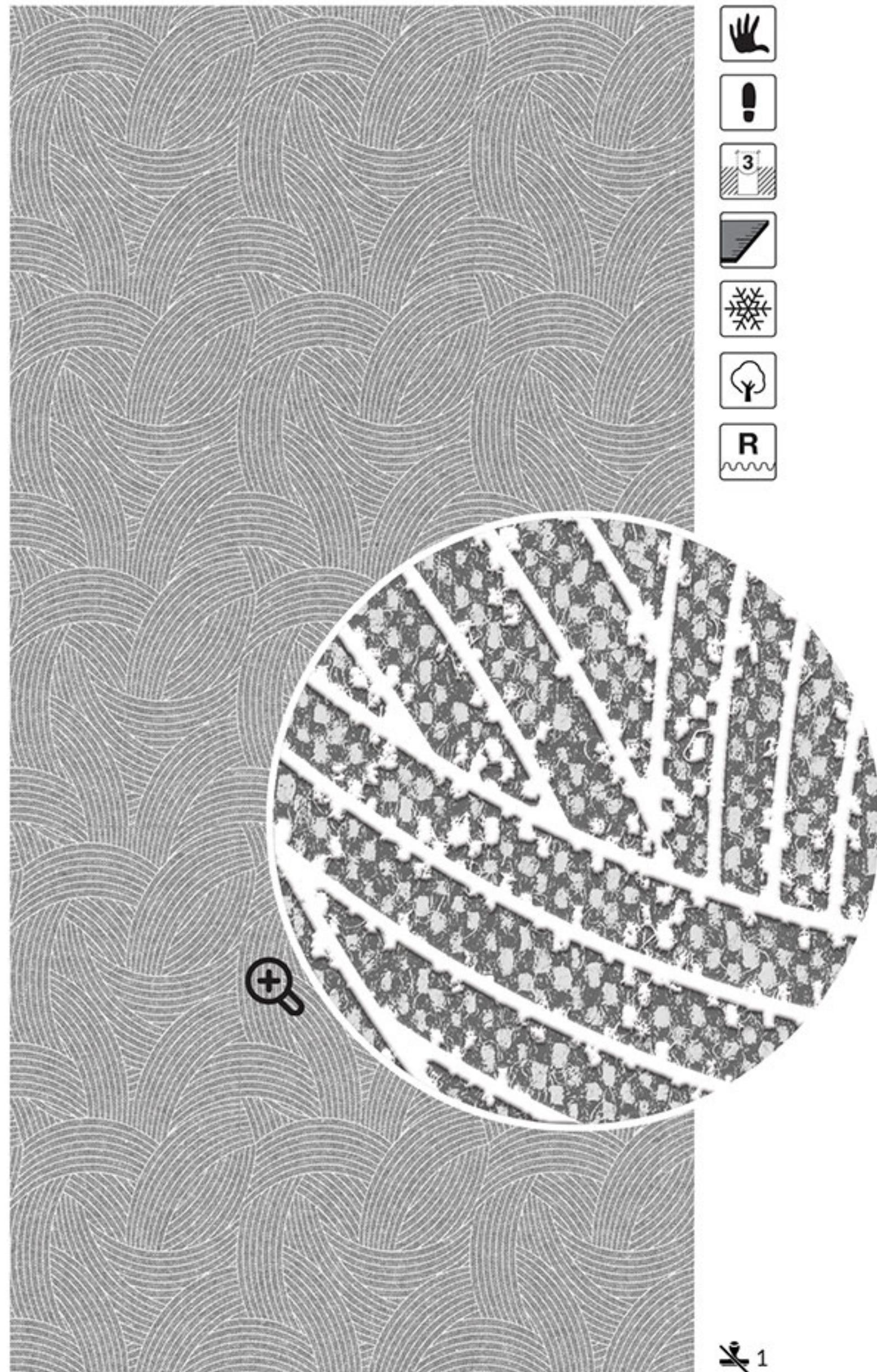


Decorative 1

152-153 Wave

WAVE

RUSTIC SURFACE CODE 2720
800x1600 / 32"x64"



WALL ▶

WAVE RUSTIC CODE 2720
800x1600 / 32"x64"

FLOOR & POOL SIDE ◀ ▶

SPATULA RUSTIC CODE 2580
800x1200 / 32"x48"

1

Wood

156-157 Legno

158-159 Wood Collection

LEGNO

MATT SURFACE CODE 1022
200x1200 / 8"x48"



10

LEGNO
CODE 1022

COUNTERTOPS ▶

BLACK BEAUTY SMOOTH MATT CODE 6060-6065
1500x3000 / 59"x118"

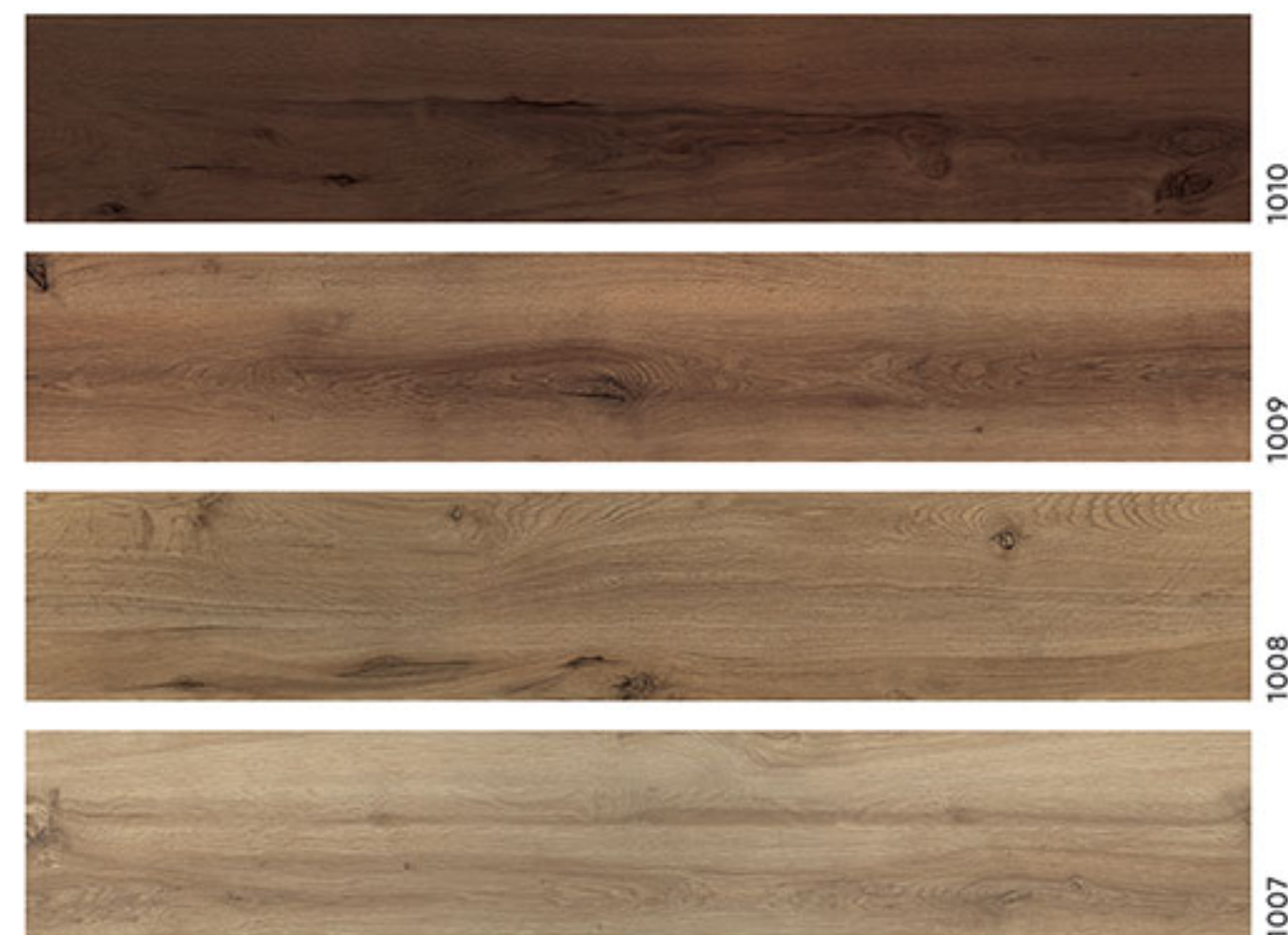
FLOOR ▾

LEGNO MATT SURFACE CODE 1022
200x1200 / 8"x48"



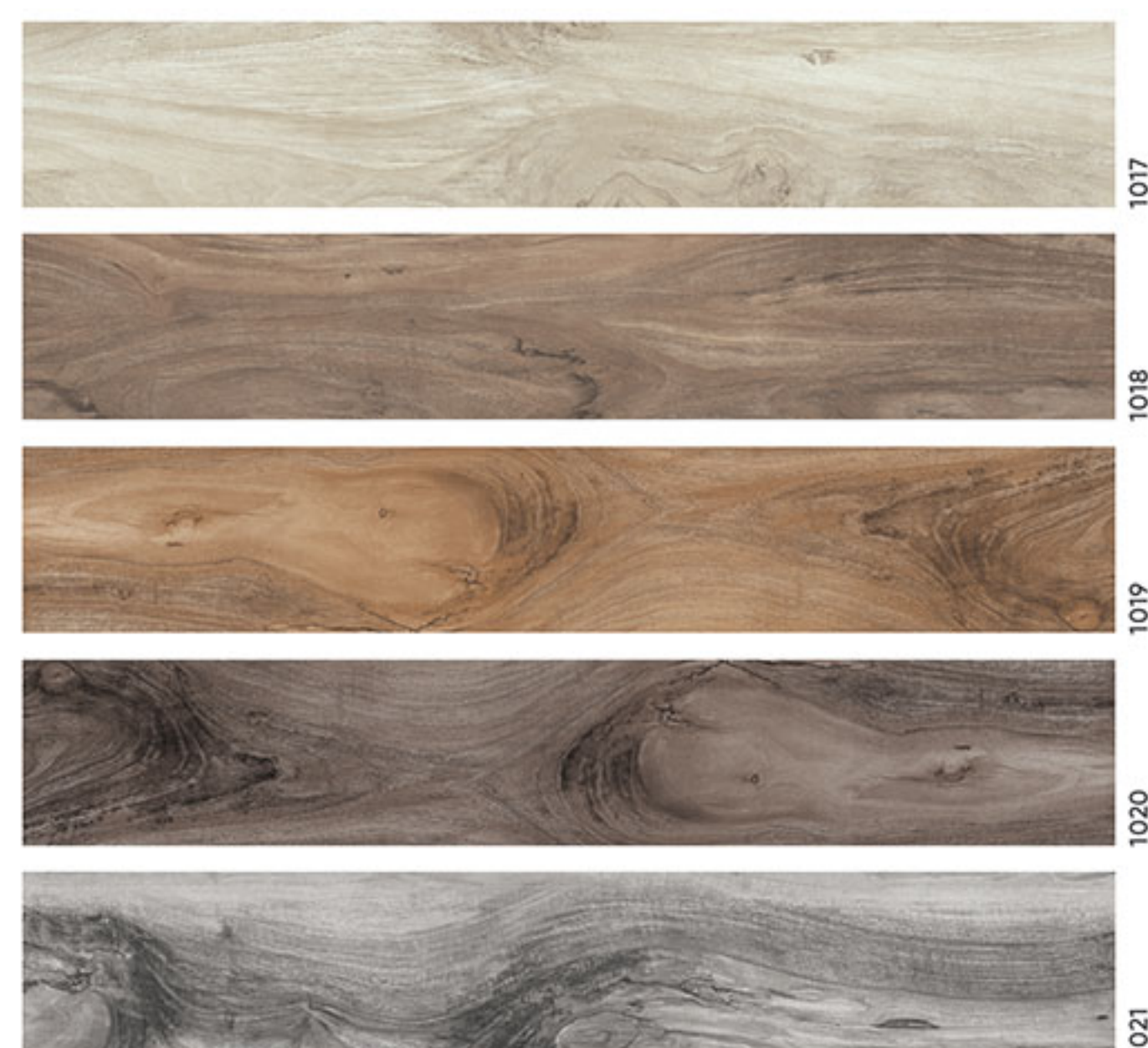
Amazone Collection

20x120 cm - 8"x48"	9 mm	MATT	21 Faces	Maple 1007
20x120 cm - 8"x48"	9 mm	MATT	21 Faces	Walnut 1008
20x120 cm - 8"x48"	9 mm	MATT	21 Faces	Hazelnut 1009
20x120 cm - 8"x48"	9 mm	MATT	21 Faces	Almond 1010



Evoke Collection

20x120 cm - 8"x48"	9 mm	RUSTIC MATT	4 Faces	Bright 1017
20x120 cm - 8"x48"	9 mm	RUSTIC MATT	4 Faces	Light Walnut 1018
20x120 cm - 8"x48"	9 mm	RUSTIC MATT	4 Faces	Special Walnut 1019
20x120 cm - 8"x48"	9 mm	RUSTIC MATT	4 Faces	Dark Walnut 1020
20x120 cm - 8"x48"	9 mm	RUSTIC MATT	4 Faces	Dusk 1021



Sherwood Collection

20x120 cm - 8"x48"	9 mm	MATT	16 Faces	Cream 1011
20x120 cm - 8"x48"	9 mm	MATT	16 Faces	Dark Beige 1012
20x120 cm - 8"x48"	9 mm	MATT	16 Faces	Light Brown 1013
20x120 cm - 8"x48"	9 mm	MATT	16 Faces	Dark Brown 1014
20x120 cm - 8"x48"	9 mm	MATT	16 Faces	Gray 1015



11

Color Studio

162-163 Color Studio Collection

COLOR STUDIO

2455			2160 PURE BLACK
2460 ROYAL GREEN			2020 ANTHRACITE
2460 MUSTARD			2015 ANTHRACITE
2460 MUSTARD			2150 GRAY
2040 CHESTER			2150 GRAY
2040 CHESTER			2150 GRAY
2445 ORANGE			2000 LIGHT GRAY
2445 ORANGE			2000 LIGHT GRAY
2465 BLUE SKY			WHITE
2465 BLUE SKY			WHITE
DARK BEIGE			

80x120 CM



TECHNICAL INFORMATION

PORCELAIN TILE QUALITY

Producing porcelain tiles is the most recent technology in manufacturing ceramic tiles products. The quality of this product is remarkably different from ordinary ceramic tiles. So, the demand for this kind of ceramic is higher. Porcelain tiles can be used inside, outside, and on the facades. Due to the high resistance of this kind of tile to the moisture and ultraviolet light and heat, the customers are confident enough to use them on any surface.

Due to the low water absorption, porcelain tiles have lower staining, so they can be easily cleaned. Another quality factor of porcelain tiles is that they are produced in a way that cannot be inflamed in case of fire and it can limit the expansion of the fire on the surface. The other advantage of using the porcelain tiles in the building is the long lifespan, in case of accurate consumption pattern, these tiles can be easily used for more than 2 decades. Due to the all reasons which were mentioned above, purchasing porcelain products is more economical and reasonable for the customers.

PORCELAIN TILES VS CERAMIC TILES

There is a significant difference between porcelain tiles vs ceramic tiles. Porcelain products are the most novel technology in manufacturing tile and ceramic products. Their water absorption rate is less than %0.5 so they can be considered the most compressed product to cover the walls and floors. The low percentage of water absorption of these groups of tiles is because of their high vitrified surface. The porosity of porcelain tiles is less than that of normal ceramic tiles and therefore the quality is higher. Regarding the process of production of these tiles and the high-quality raw material which is used in manufacturing them, the price is also higher than the ordinary ceramic tiles.

Porcelain tiles are used in the region which is more probable of climate fluctuations or the humid regions. Due to the low rate of water absorption, they are also used in coating the floor and walls of the bathrooms and swimming pools. Concerning the low price of the non-porcelain tiles, customers usually purchase them to use in the dry regions and inside of the building. The design of both, porcelain tiles and ceramic tiles are acceptable but the porcelains concerning their production process and the raw material have more pleasant patterns.

THE PRODUCTION PROCESS OF PORCELAIN TILES

The body of ceramics is made from a combination of raw materials such as clays with different physical and chemical characteristics so that their final composition can provide the characteristics required in the product such as dried strength, fired strength, water absorption and color of body. These raw materials include types of kaolinites, Feldspars, bentonite and etc.

After selecting the suitable raw materials, in the first step, they are crushed and then ground inside the ball mills with water so that the raw materials are completely combined with each other and are also sufficiently ground. In the next step, the resulting slip is dried in a spray dryer to obtain spherical granules (production of granules with a moisture content of 5-6%).

The granule obtained in the spray dryer is pressed and the green body is formed.

The term "green body" refers to unglazed and unfired ceramic tiles. Currently, the presses in the factory are capable of producing products up to 150 x 300 cm, and in the future development plan, this amount will increase up to 200 x 400 cm.

After pressing the green body and drying it inside the dryer, it is transferred to the glazing line and the steps related to glazing and decorating are performed on it (Decoration is added using a digital printer). This body does not have strength and needs to be fired at a high temperature to become a porcelain product, so the firing process will be done in the kiln at a temperature of 1180-1200 °C during at least 70 minutes.

After finishing the firing process, our products, which now have a water absorption of less than 0.5%, must reach the exact working dimensions. For this purpose, the produced porcelain will reach the exact dimensions in the chamfering machine (with a dimensional tolerance of less than 1 mm) in the packing section of the factory.

If the product is a polished product, before the ceramics enter the chamfering machine, the polishing operation is done with the polishing machine in order to polish the product until it reaches lux above 90.

The produced porcelains are graded based on qualitative and quantitative parameters in accordance with the ISO 2014 :13006 standard and then sent to the warehouse unit for delivery to the customer.

CLEANING

Porcelain tiles are manufactured from extremely pure clays and minerals that are fired at very high temperatures. They are harder, stronger and more durable than natural stones and have superior chip resistance and an extremely low level of water absorption. A comprehensive cleaning routine will help to keep your tiles in tip-top condition and ensure their continued beauty for years to come.

Post-laying cleaning is critical after on-site works. Inadequate or delayed removal of the grouting used on the joints can leave marks that are difficult to remove and creates a cement film that can absorb all types of dirt, giving the impression that the tile surface has become dirty.

To remove cement-based grouts, wash the floor with specialist cleaning detergent which is aimed at removing excess grout residue, post-application deposits and building grime. Always follow the manufacturer's instructions. For stubborn stains or advice on specific detergents contact our After Sales department.

General cleaning of porcelain tiles is a relatively simple process. Regular cleaning (once or twice weekly) is the best way of preventing a build-up of dirt and unsightly stains. This can be accomplished with a simple sweep and vacuum to remove debris, followed by mopping sparingly with warm water for Products with resistance to staining class of 5 (According to Iso 13006:2014). Dry with a microfiber cloth and if your surface is polished, buff to restore the brilliant finish. And also, for special products and special effects with resistance to staining class of 4 (According to Iso 13006:2014), you should clean using weak detergents) ISO 2015 :14-10545).

In addition, for cleaning anti-slippery products with resistance to staining class of 3 (According to Iso 13006:2014), you can use stronger Acidic and alkaline detergents (ISO 14:2015-10545). To order these special acid detergents feel free to contact our sales representatives.

Before using any new cleaning product or method, make sure to test it on a small, inconspicuous area of tiling first. Avoid using excessively acidic or alkalis products, and do not use abrasive sponges. We do not recommend the use of polishing machines or waxes.

Although porcelain tiles are stain-resistant, care must be taken to immediately clean any stain, especially on polished bench tops.

For bathroom sediments and hard water stains, you can use Acidic and alkaline detergents with a maximum concentration of 18% to clean our products observing safety considerations. However, gloves, goggles, and masks should be used with caution to provide sufficient ventilation and protection.

20 MM TILES

With their practical, non-slip surface and incredible strength, 20 mm porcelain slabs have become the ideal laying solution for heavy traffic commercial areas and external applications.

100% frost-resistant and suitable for sub-zero temperatures means that these tiles can be used for driveways and walkways, as well as for swimming pools surrounds and hard landscaping. They are also entirely resistant to stains, mold and moss, meaning their finish will remain as beautiful as the day it was laid.

20 mm porcelain tiles also provide tremendous versatility, as they can be laid on virtually any outdoor surface and be fixed with a variety of different methods to suit the application.

Adhesive free installation techniques allow for dismantling, maintenance and repositioning of porcelain slabs.

LAYING ON GRASS

Position the slabs on top of the grass area according to your desired installation layout.

Mark around the perimeter edge of each slab using a flat spade or lawn edging cutter. Carefully lay the slab to one side. Across the entire area you have marked, remove the top surface of the lawn and soil down to a depth of 70 - 100 mm.

To ensure perfect stability, fill the excavated hole with fine gravel (3 - 6 mm grain sized) to a depth of 50 - 80 mm and compact down to ensure a level surface. Carefully lower the slab into position and gently tap the slab with a rubber mallet to level.

Ensure the surface of the slab is approximately 5 - 8 mm beneath the surface of the surrounding soil in order not to damage the lawnmower when cutting the grass. You may be left with a slight gap around the tile which you can fill with some of the previously excavated soil. Slabs installed in this way can be walked on immediately.

Take care to ensure that the porcelain slabs do not protrude above the level of the soil in order not to damage the lawnmower when cutting the grass.

DRY PORCELAIN TILES FAÇADE

Recently, in the twentieth century, the implementation of ceramic facades has grown in the advanced architecture cycle around the world. Examples include a building in Barcelona, built by Antonio Gaudi and a large number of glazed ceramic facades in many cities of the United States. These buildings still prove in our day how can one century of ceramic facades resist numerous thermal changes, atmospheric attacks, storms, and acid rain and smoke.

Dry porcelain tiles façade is one of the most up-to-date building facades in the world that implemented by dry installation method. The porcelain dry ceramic facade can be used for various commercial, office, residential, as well as interior parts of buildings, terminals and metro stations, etc.

In this way, the caved dry ceramic porcelain with a specially designed grooved section is placed on horizontal aluminum rails, and horizontal rails are attached to the iron or aluminum substructures. The thickness of the caved ceramics in this system is less, and thus the weight of the finished facade will be lighter.

WHY THE DRY FACADE AROSE?

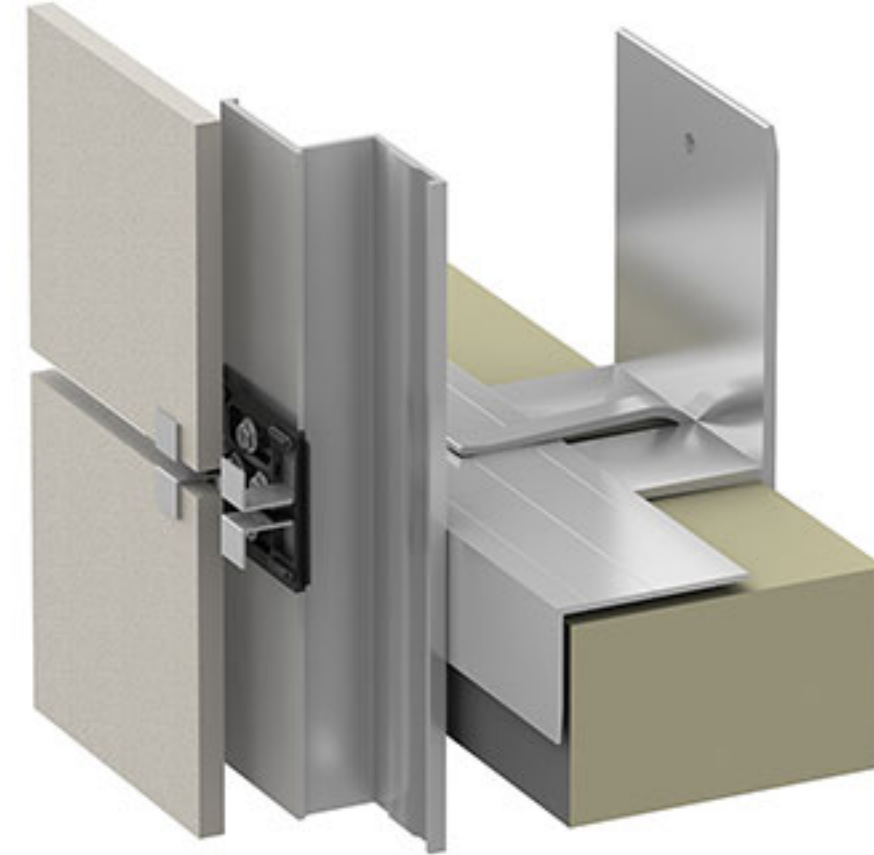
For the first time in the 1970s, architects in the United States decided to install stone on massive skyscrapers by dry method. The reason of this system design was due to the resistance of the building's facade to severe wind force at high altitudes, and this modern and innovative method was endorsed by world standards and considered by many architects around the world. In Iran, in the seventies, this method was used for the first time and also in recent years, architects and builders of the country's construction industry have been aware of this system benefits and have used it in their buildings.

Previously, the façade's material was fixed with the mortar or adhesive to the main building structure. In this method, it was not possible to use insulation for the builder and also at high altitudes, the wind load entering the structure reduced the material strength and ultimately causing the crash to endanger irreparable risks. In dry facade system, the facade material is applied by aluminum cushioning and without adhesive force on the main structure, which prolongs facades life and if properly installed and engineered, will assure you that in hard conditions it will not collapse at all.

This installation method makes building's facade double skin. An empty enclosure can be applied to an insulation structure to protect the building from atmospheric conditions, noise pollution and other disturbances faced by residents, as well as an air chamber between the wall of the structure and the façade that prevent the building from entrance of the outside air and vice versa. The shape of the air flow inside this compartment will also be determined according to the different climatic conditions, depending on the area's needs.

For example, for warm and wet conditions, this vacant space is designed in such a way that the air inside it is ventilated, but it is designed for cold, warm and dry conditions in such a way that the air is contained in the empty space, which makes insulation coefficient of the building increases the air relative to the outside.

One of the remarkable advantages of a dry facade is that the panels and materials used can be collected and reused. It also significantly reduces the volume of construction waste. This type of building facade helps to optimize energy consumption and, because of the freedom to use different pavements, the building is resistant to water, sound and air entering. The dry facade can be resistant against stresses from wind, storms, earthquakes, and fire.



HANDLING LARGE FORMAT SLABS

Large format porcelain slabs are extremely heavy and may have sharp edges. It is therefore necessary to wear protective gloves at all times. For safe handling of large format slabs, we highly recommend the use of a specialist tile handling frame with suction cups.

These frames help to maintain the integrity of the tile and ensure that operators' safety is not compromised.

Carefully wipe the surface of the tile to remove any dust or moisture, position the suction cups on the face of the tile and make sure that they adhere to the surface properly. For larger formats the full frame with four suction cups is suitable, use two double suction cups with smaller formats.

To remove the handling frame from the tile surface, first ensure the tile is stable, then support the weight of the handling frame and press all the suction release valves in turn.

TECHNICAL CHARACTERISTICS - PORCELAIN TILES (BLA - GLAZED)

Test Description	Standard Test Method	Standard Requirements	PALERMO Tiles Specifications
Surface Quality	EN ISO 10545-2	a minimum of 95% of the tiles are to be free from visible defects	a minimum of 95% of the tiles are to be free from visible defects
Length & Width	EN ISO 10545-2	±0.6%	±0.3%
Thickness	EN ISO 10545-2	±5%	±3%
Straightness of sides	EN ISO 10545-2	±0.5%	±0.3%
Rectangularity	EN ISO 10545-2	±0.5%	±0.2%
Surface Flatness : Center Curvature	EN ISO 10545-2	±0.5%	±0.3%
Surface Flatness : Edge Curvature	EN ISO 10545-2	±0.5%	±0.3%
Surface Flatness : Warpage	EN ISO 10545-2	±0.5%	±0.3%
Water Absorption	EN ISO 10545-3	≥0.5%	WA ≤ 0.4%
Breaking Strength	EN ISO 10545-4	≤1300N	≤2400 N
Modulus of Rupture	EN ISO 10545-4	≤35 N/mm ²	≤38 N/mm ²
Resistance to surface abrasion	EN ISO 10545-7	Manufacturer to state classification	GLOSSY: 1-2 MATT: 3-4
Linear Thermal Expansion	EN ISO 10545-8	Test method available	Test method available
Resistance to Thermal Shock	EN ISO 10545-9	Test method available	Test method available
Crazing Resistance	EN ISO 10545-11	Required	Required
Frost Resistance	EN ISO 10545-12	Required	Required
Resistance to Household Chemicals & Swimming Pool Salts	EN ISO 10545-13	Minimum GB	GA
Resistance to Low Concentrations Acids & Alkalis	EN ISO 10545-13	Manufacturer to state classification	GA
Resistance to High Concentrations Acids & Alkalis	EN ISO 10545-13	-	GA
Resistance to stains	EN ISO 10545-14	Minimum Class 3	Minimum Class 4

