



# UNI TERRA

BESPOKE SINTERED SURFACES

**A STATEMENT**  
IN EVERY SQUARE FOOT







# EXCELLENCE

IS THE BARE MINIMUM

At UniTerra, we understand the work that goes into creating a space that's luxurious and one-of-a-kind. You are building a haven, a sanctuary, whether it's a home or a workplace. So, we start with a clear & concise brief for every variant, every range, every surface - create the best.

The finest raw materials sourced from around the world are moulded using technology that's unrivalled in its precision and quality. Our designers and curators guide these processes to create a product that can help you build an elegant, unique property.







BEAUTY WITH

BRAWN



LARGE FORMAT  
SINTERED SURFACES



SCRATCH & STAIN  
RESISTANT



ALMOST ZERO  
WATER ABSORPTION



UV RESISTANT



HIGH FLEXURAL  
STRENGTH



EASY  
MAINTAINENCE



# SINTERING IS CENTRAL

This process makes our surfaces impervious to effect and damage. It also allows us to create surfaces that can span large dimensions - up to 1190mm x 2800mm, 1190mm x 2400mm, and 1600mm X 3200mm - without compromising on strength, quality, and integrity.

# SPEAKING OF SLEEK

Our surfaces are immensely versatile and easy to work with. Think of them for your floors, or walls. Even on worktops and facades. They can adorn your workspace or leisure space. They can elevate your bathroom to a spa, your living room to a gallery. If you can think it, UniTerra can make it happen.

# EXCELLENCE THROUGH-AND-THROUGH

We use a 'Colour-body' composition for our signature designs. This means that the body colour you see isn't just a skin layered on top of the surface. The body colour is the surface itself. If you were to laterally slice a unit, both pieces would look the same, inside and out.







# STRENGTH

## NO BAR

While our designs remain thoughtful, exclusive and attentively curated, we make no compromises on the strength they can offer. These surfaces are architected to withstand great temperatures and pressures with no effect. The sleekest surface you choose will provide the same level of structural integrity as our thickest variant.

# BEAUTY

## IS PARAMOUNT

Above all, our surfaces are opulent and unique. They're crafted with attention-to-detail and artistry, inspired by materials that were inaccessible so far. If it is a monument you want to bring to life, UniTerra is your imaginarium.



IS THERE A MACHINE  
THAT CAN MANUFACTURE

# LUXURY?

YES, CONTINUA+

Our facilities are equipped with Continua+ technology that achieves:

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Production of large slabs using automated pressing technology

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Superior surface flatness when compared to conventional pressing

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Greater body strength and flexibility due to uniform roller pressing

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Consistent and homogenous density

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Unequalled shine, perfect slab planarity

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Our sintered surfaces replicate the colours and shades of the materials of inspiration, with an amazing degree of fidelity. Continua+'s design processes balance a very high range of shades, details and patterns with an unparalleled degree of visual rendering.





# AGLAZE

THAT'LL HOLD YOUR GAZE



Our manufacturing processes are armed with expert levels of efficiency and technical prowess to help us deliver a product that matches your standards and exceeds your expectations. UniTerra's signature superior finish is obtained thanks to our 3 proprietary processes:

## DRY GRANULA POLISHING

A high-end glazing technique that imparts a mirror-like polish effect with extravagant detail.

## DIGITAL MATTE GLAZING

A superior glazing method that delivers a unique matte effect to our surfaces using digital machines.

## TEXTURAL GLAZING

A first-of-its-kind technique in India with which we can create undulating surfaces like punches, carvings, and gloss with special glazes using digital machines.

CONSTRUCTING AN ODE TO

# SOPHISTRY



Standout spaces are created when unique materials meet the visions of singular style. To complement your ambitions, UniTerra offers you a choice from our signature textures:

## BEYOND

Our finest offering, that is ideal for a space being crafted to awe. We used advanced digital technology to develop this texture for almost zero surface reflection.

## BOLD

For a finish that has a rock-like effect, we made use of special techniques and a digital glaze machine. These special effects were created to give your surface a real-life stone effect.

## TEXURA

On the spectrum of matte effects, Texura lies on the lighter side of the scale. It is a rougher matte finish that is reminiscent of denim and its textures.

## DRY GRANULA POLISH

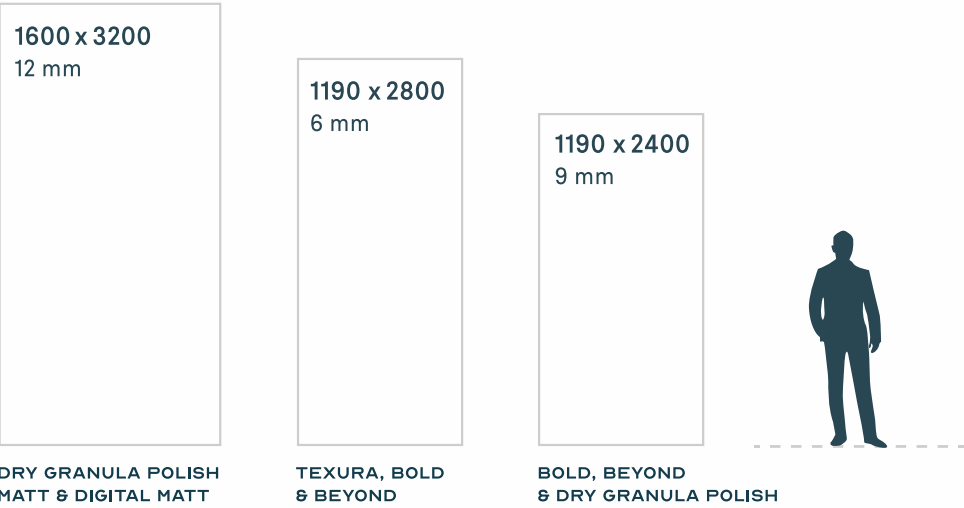
This texture imparts almost a mirror-like, sharp reflection if you so need it from a surface. It allows no waviness in the reflection and echoes high-fidelity detail right back at you.

## MATT

These tiles are closest to natural stones to give an ambiance of nature, which makes them a perfect choice for indoors as well as outdoors. The matt finish complements perfectly to your vision of creating spaces that look traditional and rustic.

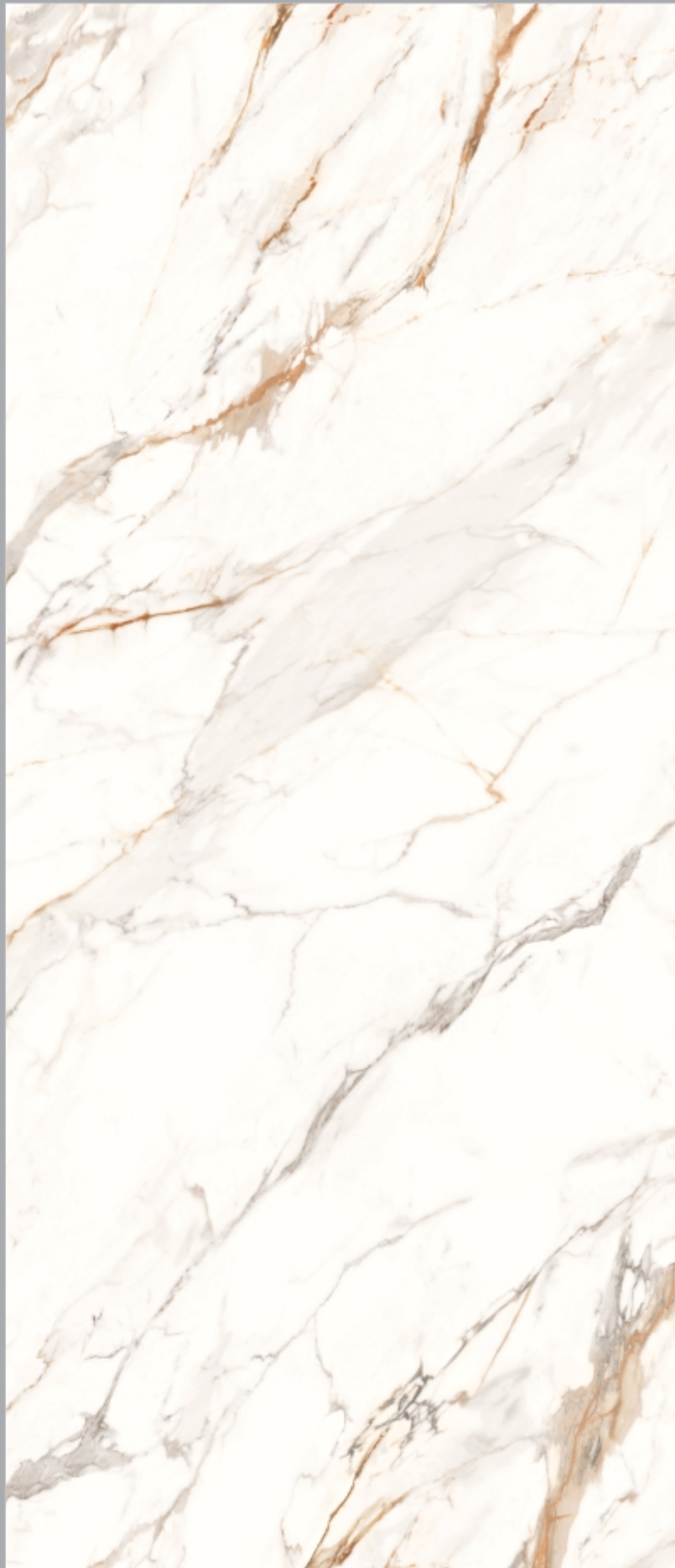
## DIGITAL MATT

These tiles are remarkably unique and suitable for modern homes. A fine continuous feel of the matte like surface and smooth texture can make any space luxurious.





# CALACUTTA GOLD



SIZE & THICKNESS

1190x2400 | 9 MM

FINISH  
DRY GRANULA POLISH  
BEYOND

BODY TYPE  
COLOUR BODY

BOOK MATCH



# SATUARIO ETERNO



SIZE & THICKNESS

\*1190x2400 | 9 MM  
#1190x2800 | 6 MM

FINISH  
\*DRY GRANULA POLISH  
#BEYOND

BODY TYPE  
COLOUR BODY

FACES X 3



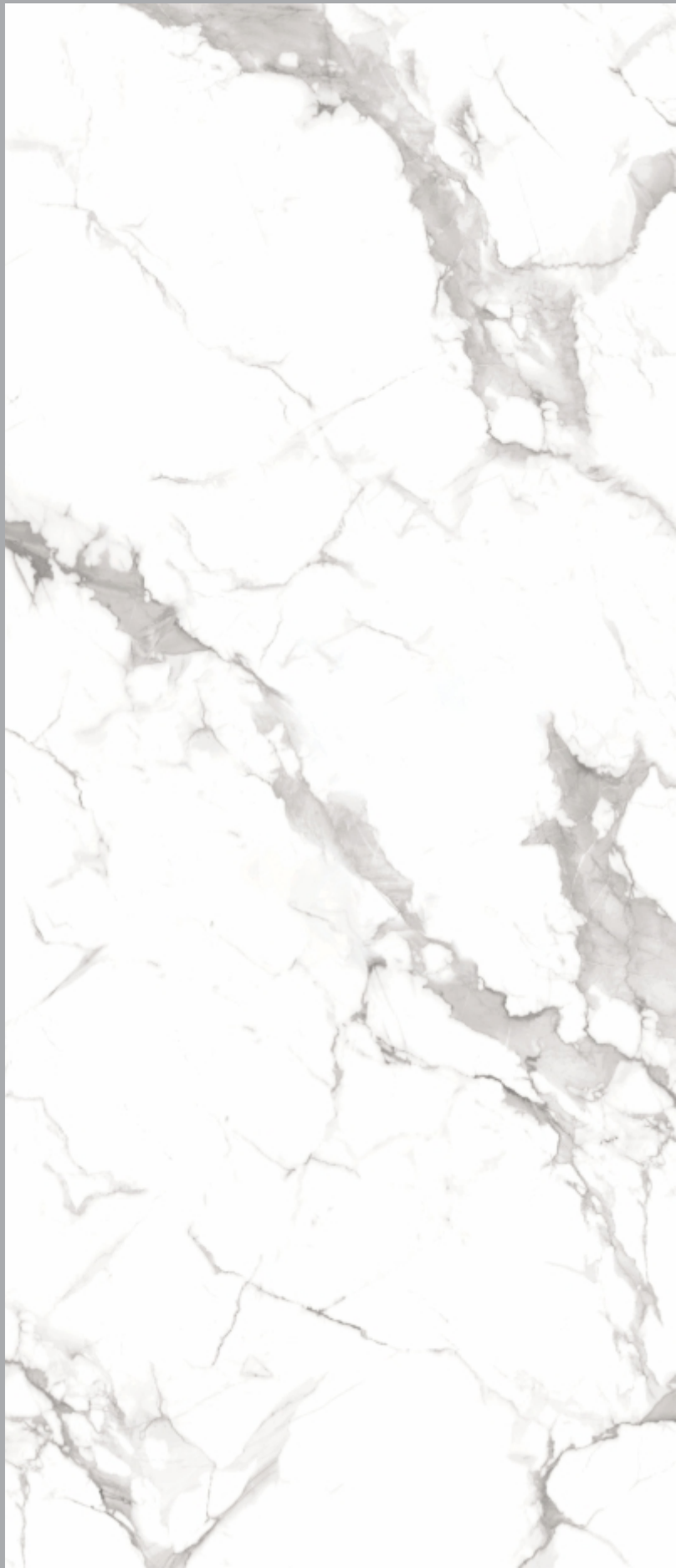




**CALACUTTA GOLD**  
WALL | DRY GRANULA POLISH  
FLOOR | BEYOND | 1190x2400 | 9 MM



# ALBRUS WHITE



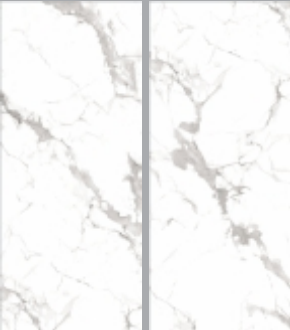
SIZE & THICKNESS

1190x2400 | 9 MM

FINISH  
DRY GRANULA POLISH

BODY TYPE  
COLOUR BODY

FACES X 2



# CALACUTTA VENATO



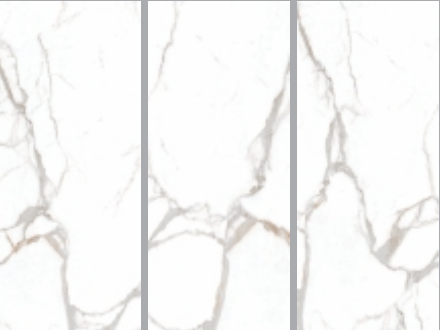
SIZE & THICKNESS

1190x2400 | 9 MM

FINISH  
DRY GRANULA POLISH  
BEYOND

BODY TYPE  
COLOUR BODY

FACES X 3







**UNI  
TERRA**  
BESPOKE SINTERED SURFACES

**CALACUTTA VENATO**  
DRY GRANULA POLISH | 1190x2400 | 9 MM



# MONT BLANC



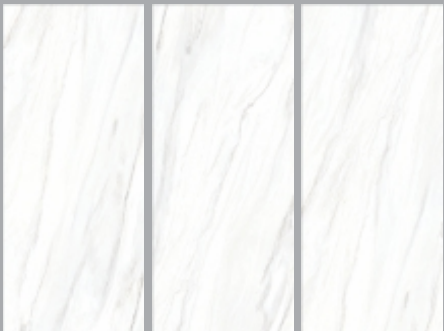
SIZE & THICKNESS

1190x2400 | 9 MM

FINISH  
DRY GRANULA POLISH

BODY TYPE  
COLOUR BODY

FACES X 3



# OTTOMAN



SIZE & THICKNESS

\*1190x2400 | 9 MM

#1600x3200 | 12 MM

FINISH  
\*DRY GRANULA POLISH  
& BEYOND  
# DIGITAL MATT

BODY TYPE  
COLOUR BODY

FACES X 3







**MONT BLANC**  
DRY GRANULA POLISH | 1190x2400 | 9 MM



# ONYX MUSK



SIZE & THICKNESS

1190x2400 | 9 MM

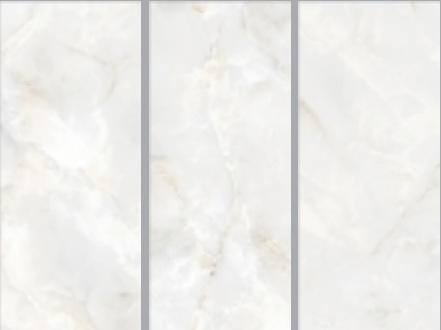
FINISH

DRY GRANULA POLISH

BODY TYPE

COLOUR BODY

FACES X 4



# KALADNO



SIZE & THICKNESS

1190x2400 | 9 MM

FINISH

DRY GRANULA POLISH

BODY TYPE

COLOUR BODY

FACES X 3







**UNI  
TERRA**

BESPOKE SINTERED SURFACES

**ONYX MUSK**  
DRY GRANULA POLISH | 1190x2400 | 9 MM



# PARADISO CREMA



SIZE & THICKNESS

1190x2400 | 9 MM

FINISH

DRY GRANULA POLISH  
BEYOND

BODY TYPE

COLOUR BODY

FACES X 3



# AURUM



SIZE & THICKNESS

1190x2400 | 9 MM

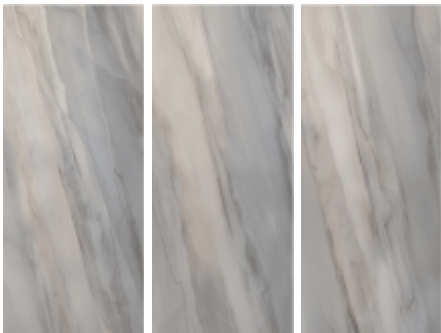
FINISH

DRY GRANULA POLISH  
BOLD

BODY TYPE

COLOUR BODY

FACES X 3





10-15

< RECEPTION

AURUM

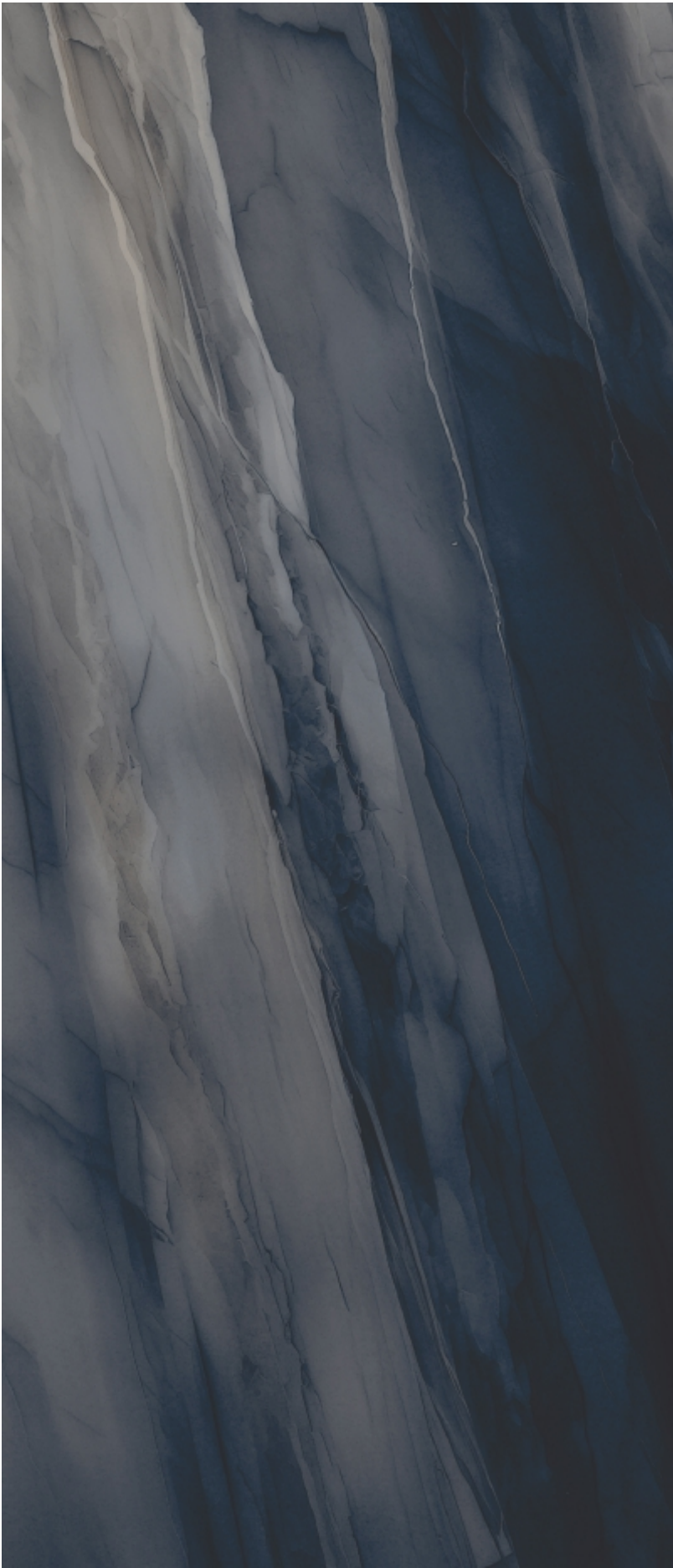
DRY GRANULA POLISH | 1190x2400 | 9 MM

UNI  
TERRA  
BESPOKE SINTERED SURFACES

LOUNGE



# VOLGA



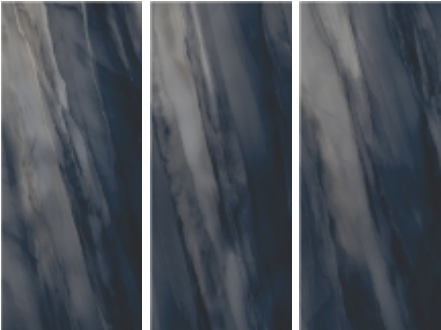
SIZE & THICKNESS

1190x2400 | 9 MM

FINISH  
DRY GRANULA POLISH  
BOLD

BODY TYPE  
COLOUR BODY

FACES X 3



# CELESTE GREY



SIZE & THICKNESS

1190x2400 | 9 MM

FINISH  
DRY GRANULA POLISH  
BEYOND

BODY TYPE  
COLOUR BODY

FACES X 3





**CELESTE GREY**  
BEYOND | 1190x2400 | 9 MM



# PANDORA



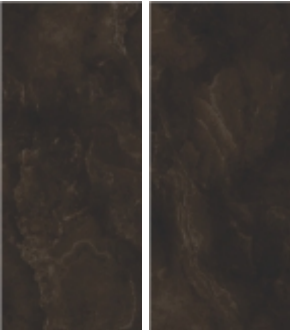
SIZE & THICKNESS

1190x2400 | 9 MM

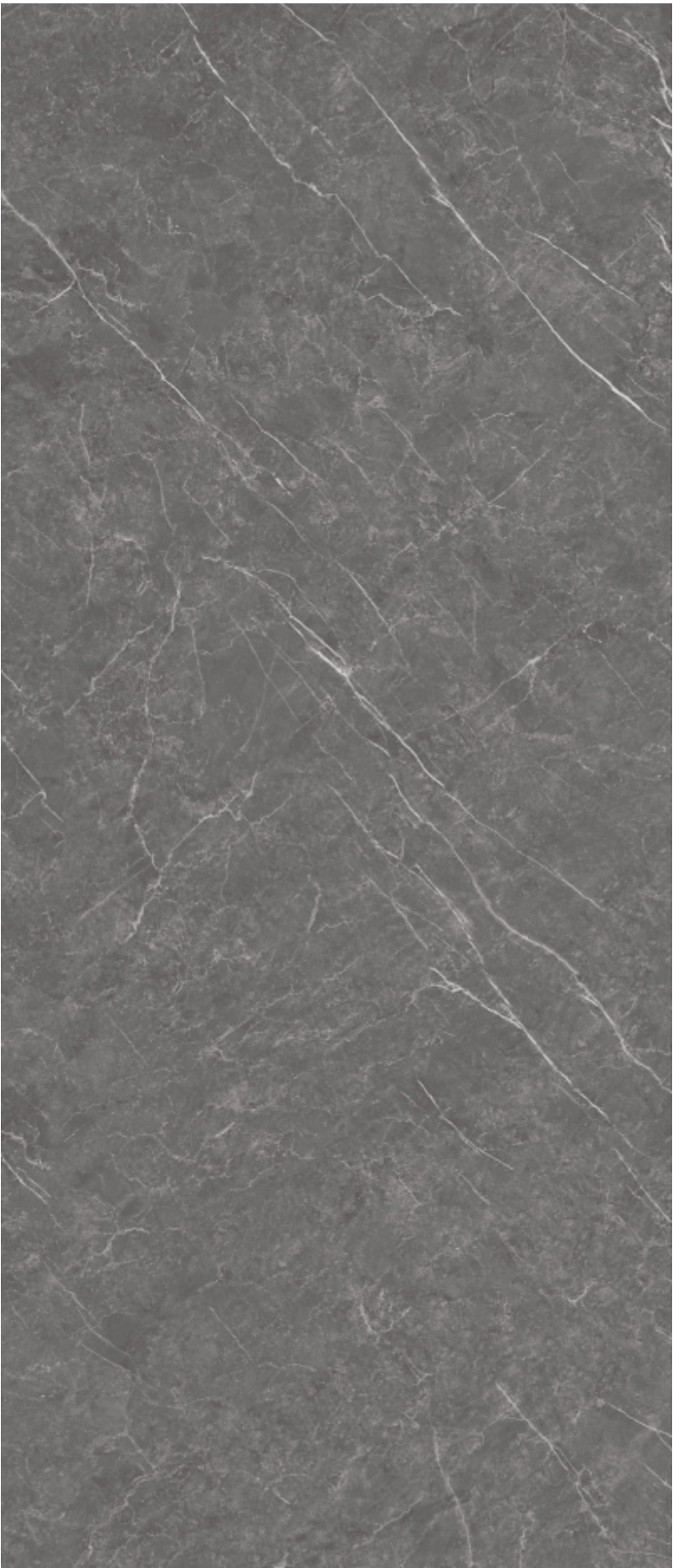
FINISH  
DRY GRANULA POLISH

BODY TYPE  
COLOUR BODY

FACES X 2



# MIYAKI GREY



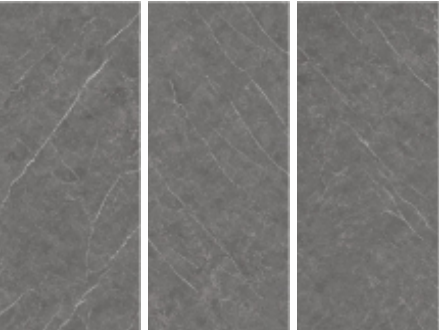
SIZE & THICKNESS

1190x2400 | 9 MM

FINISH  
DRY GRANULA POLISH  
BEYOND

BODY TYPE  
COLOUR BODY

FACES X 3







MIYAKI GREY  
BEYOND | 1190x2400 | 9 MM



# ARGENTA GRIS



SIZE & THICKNESS

1190x2400 | 9 MM

FINISH  
DRY GRANULA POLISH

BODY TYPE  
COLOUR BODY

FACES X 2



# ARUBA AZUL



SIZE & THICKNESS

1190x2400 | 9 MM

FINISH  
DRY GRANULA POLISH

BODY TYPE  
COLOUR BODY

FACES X 3





**ARGENTA GRIS**  
DRY GRANULA POLISH | 1190x2400 | 9 MM



# CASPIAN



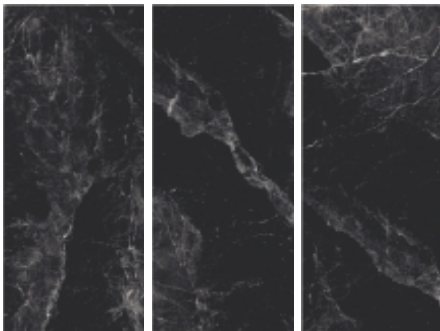
SIZE & THICKNESS

1190x2400 | 9 MM

FINISH  
DRY GRANULA POLISH

BODY TYPE  
COLOUR BODY

FACES X 3



UNI  
TERRA

BESPOKE SINTERED SURFACES



CASPIAN  
DRY GRANULA POLISH  
1190x2400 | 9 MM



# CALACUTTA GOLD



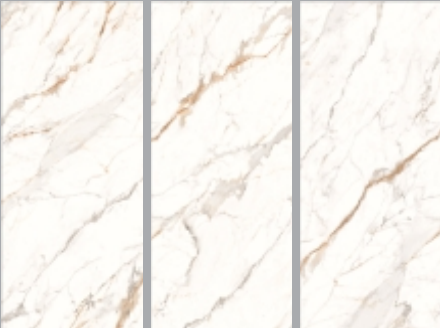
SIZE & THICKNESS

\*1190x2800 | 6 MM  
#1600x3200 | 12 MM

FINISH  
\*BEYOND  
#DIGITAL MATT

BODY TYPE  
COLOUR BODY

FACES X 3



# CALACUTTA VENATO



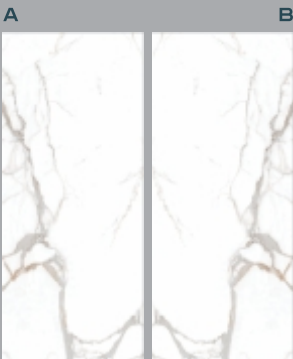
SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
BEYOND

BODY TYPE  
COLOUR BODY

BOOK MATCH





CALACUTTA VENATO  
BEYOND | 1190x2800 | 6 MM



# LASA BIANCO



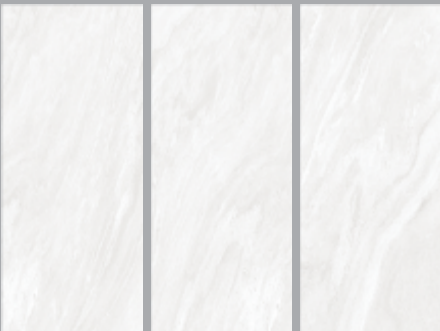
SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
BEYOND

BODY TYPE  
COLOUR BODY

FACES X 3



# SATUARIO ETERNO



SIZE & THICKNESS

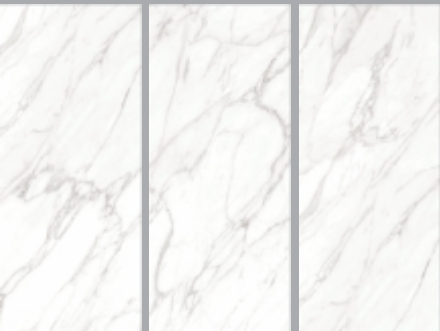
\*1190x2800 | 6 MM

#1190x2400 | 9 MM

FINISH  
\*BEYOND  
# DRY GRANULA POLISH

BODY TYPE  
COLOUR BODY

FACES X 4





**SATUARIO ETERNO**  
BEYOND | 1190x2800 | 6 MM



# BIANCO ONDULUTO



SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
BEYOND

BODY TYPE  
COLOUR BODY

FACES X 2



# BIANCO SAVOY



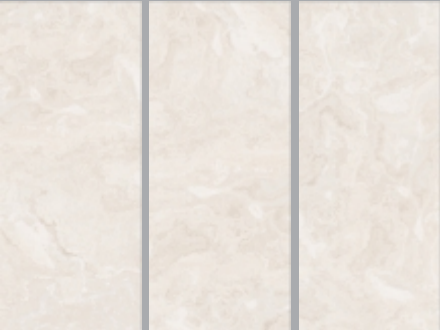
SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
BEYOND

BODY TYPE  
COLOUR BODY

FACES X 3







**BIANCO SAVOY**  
BEYOND | 1190x2800 | 6 MM



# GRIGIO ONDULUTO



SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
BEYOND

BODY TYPE  
COLOUR BODY

FACES X 2



# CELESTE BEIGE



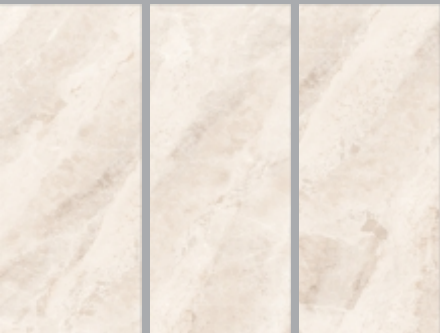
SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
BEYOND

BODY TYPE  
COLOUR BODY

FACES X 3

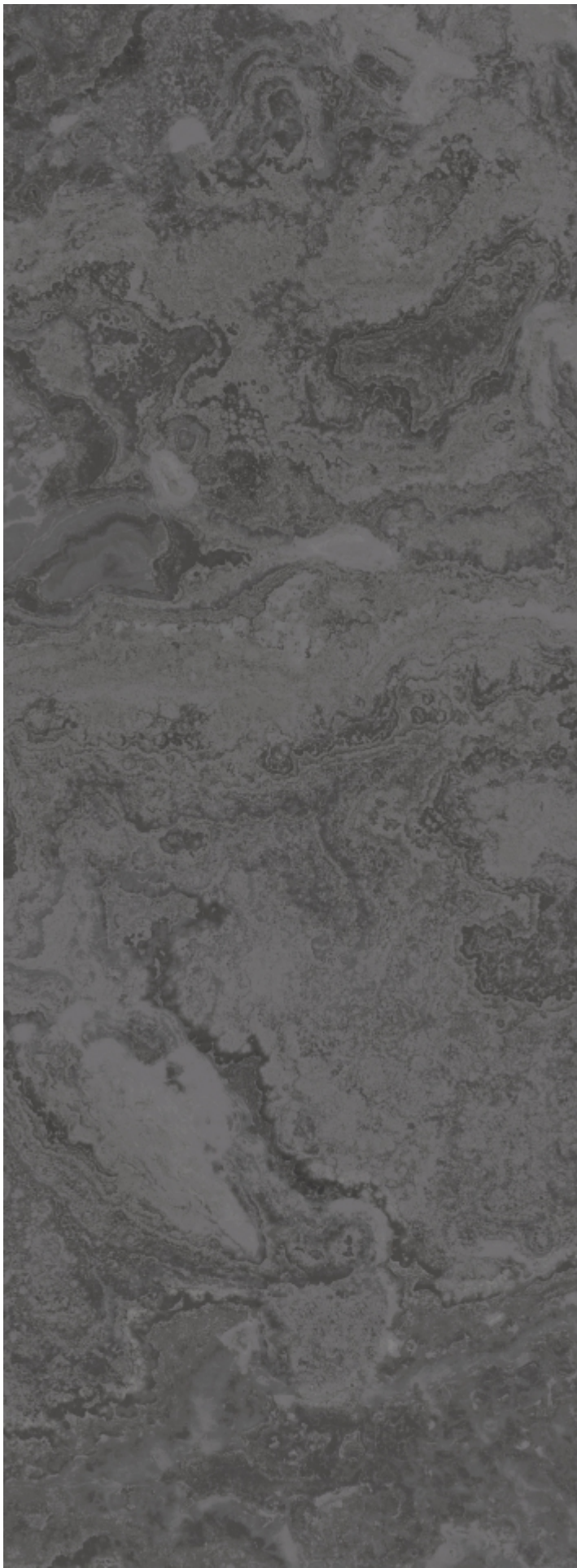




CELESTE BEIGE  
BEYOND | 1190x2800 | 6 MM



# SAVOY NERO



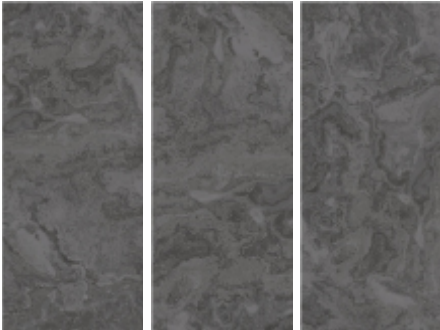
SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
BEYOND

BODY TYPE  
COLOUR BODY

FACES X 3



# CONCRETO



SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
BEYOND

BODY TYPE  
COLOUR BODY

FACES X 3







**SAVOY NERO**  
BEYOND | 1190x2800 | 6 MM



# SPECTRE GRIS



SIZE & THICKNESS

1190x2800 | 6 MM

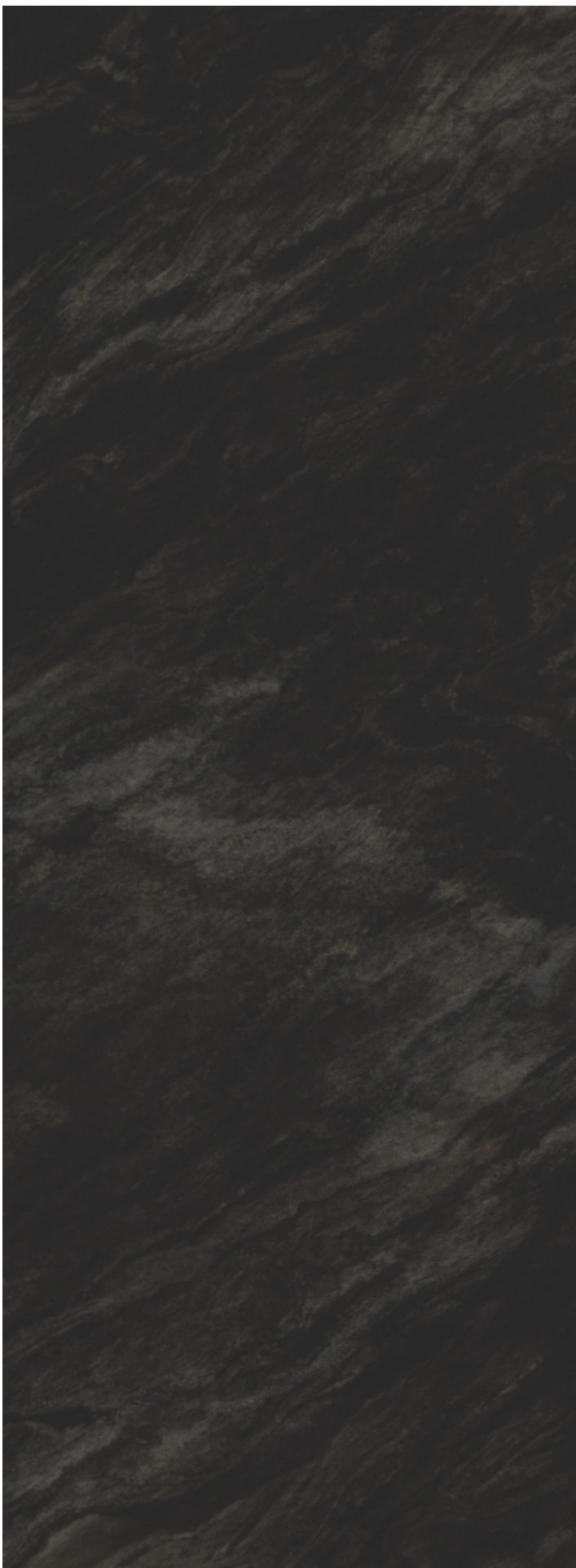
FINISH  
BEYOND

BODY TYPE  
COLOUR BODY

FACES X 3



# ARTEK NERO



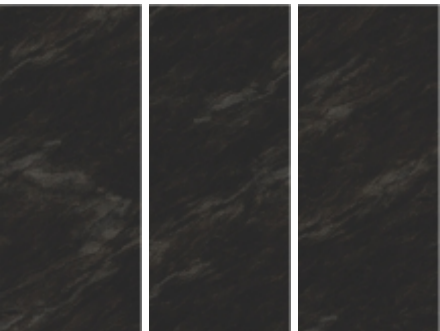
SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
BEYOND

BODY TYPE  
COLOUR BODY

FACES X 3



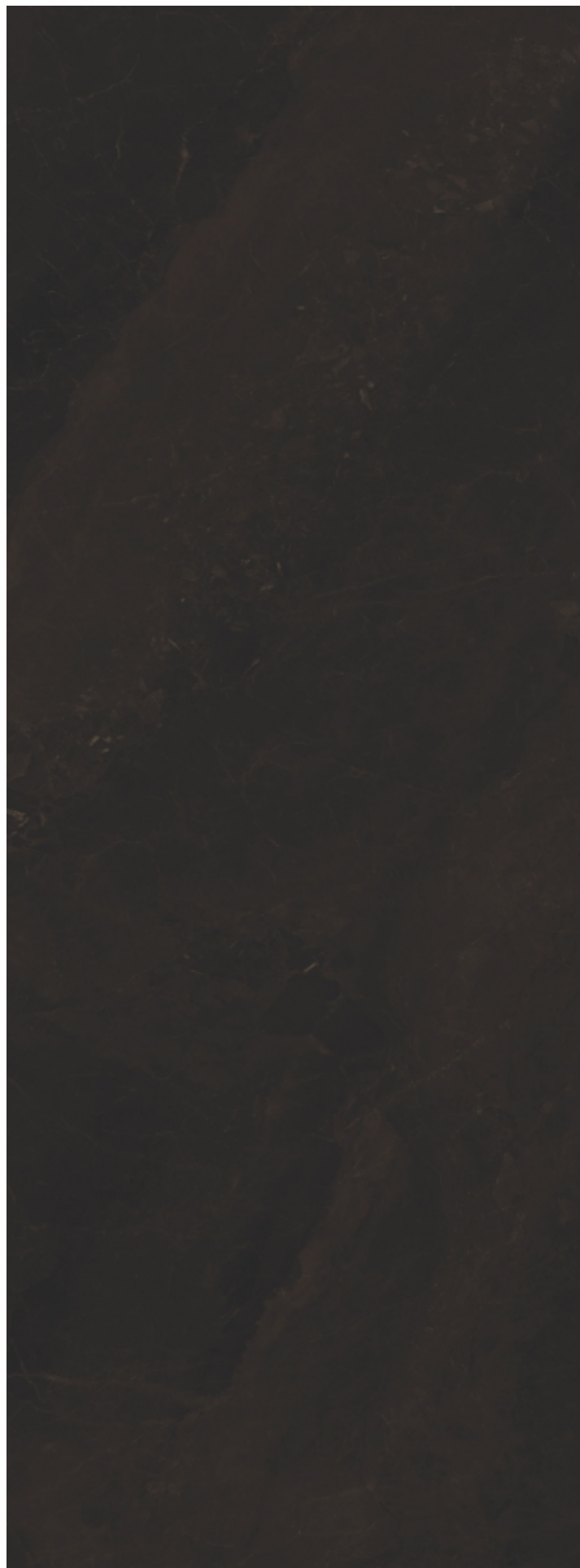




**ARTEK NERO**  
BEYOND | 1190x2800 | 6 MM



# IMPERO BROWN



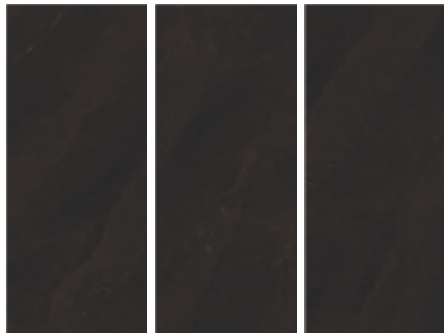
SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
BEYOND

BODY TYPE  
COLOUR BODY

FACES X 3



# URBAN BLACK



SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
TEXURA

BODY TYPE  
COLOUR BODY

FACES X 4

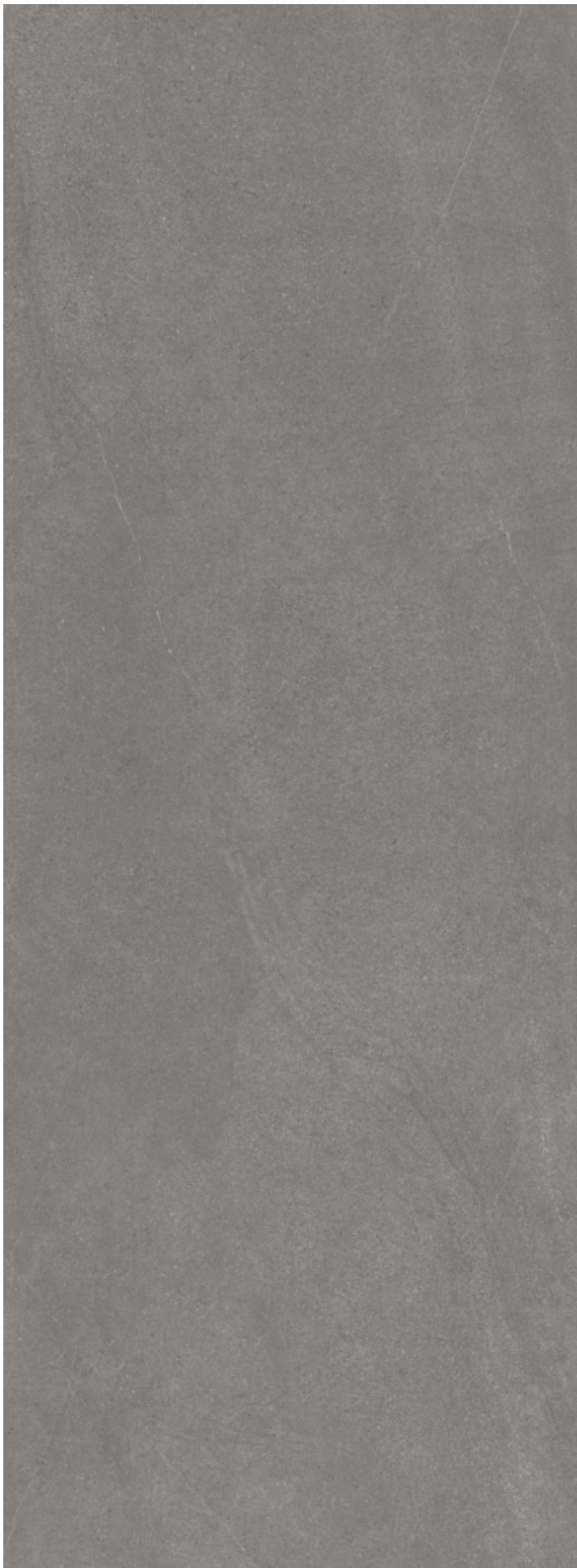




**IMPERO BROWN**  
BEYOND | 1190x2800 | 6 MM



# URBAN GREY



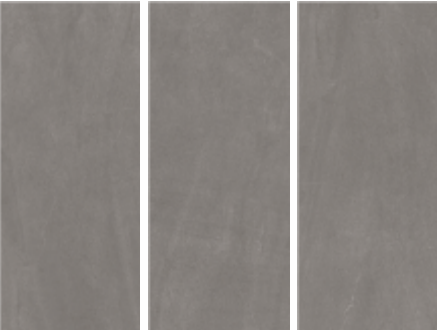
SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
TEXURA

BODY TYPE  
COLOUR BODY

FACES X 4



# URBAN MARFIL



SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
TEXURA

BODY TYPE  
COLOUR BODY

FACES X 4







**URBAN MARFIL**  
TEXURA | 1190x2800 | 6 MM



# URBAN RUST



SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
TEXURA

BODY TYPE  
COLOUR BODY

FACES X 4



# RUSTICO



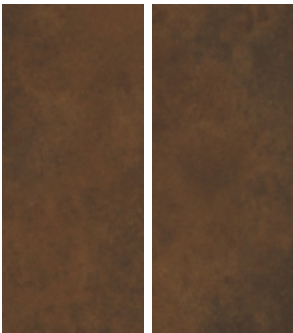
SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
TEXURA

BODY TYPE  
COLOUR BODY

FACES X 2







**RUSTICO**  
TEXURA | 1190x2800 | 6 MM



# TRAVOS VENETO



SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
**BOLD**

BODY TYPE  
**COLOUR BODY**

FACES X 4



# TRAVOS EBONY



SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
**BOLD**

BODY TYPE  
**COLOUR BODY**

FACES X 4





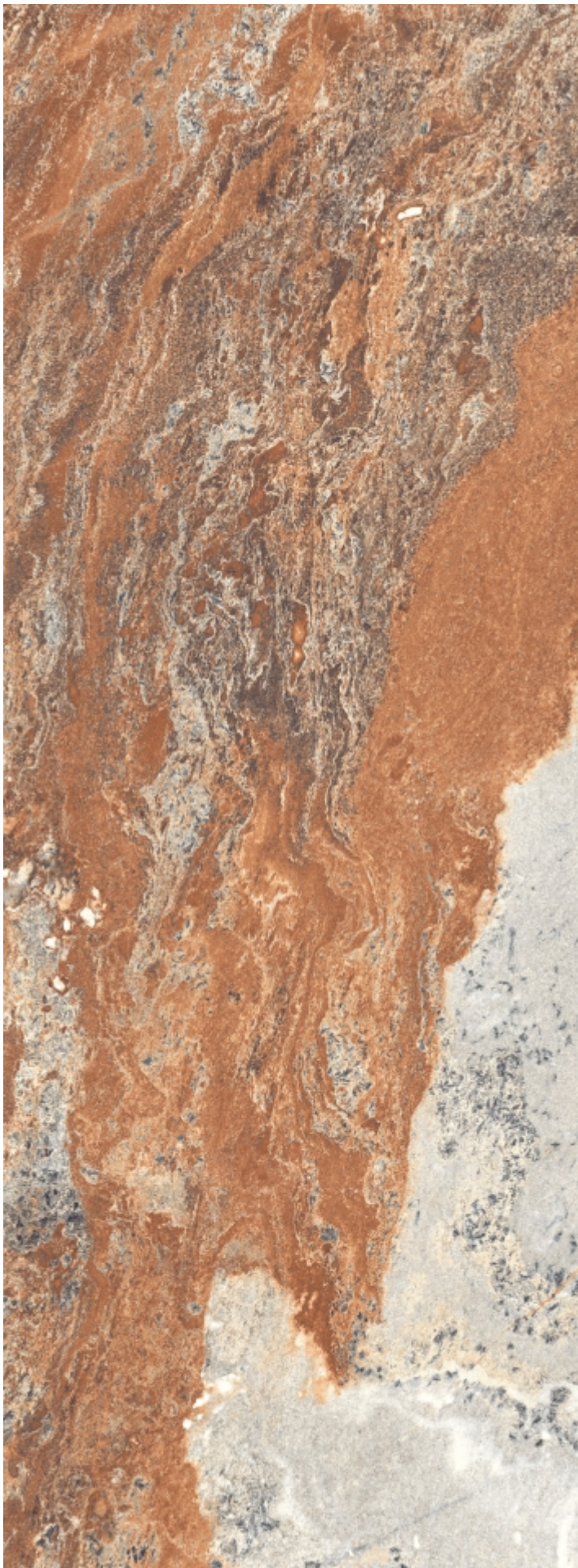
# EXCLUSIVE

FINE DINING

**TRAVOS EBONY**  
BOLD | 1190x2800 | 6 MM



# OXDIO RUST



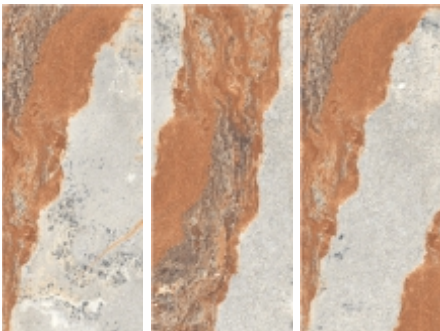
SIZE & THICKNESS

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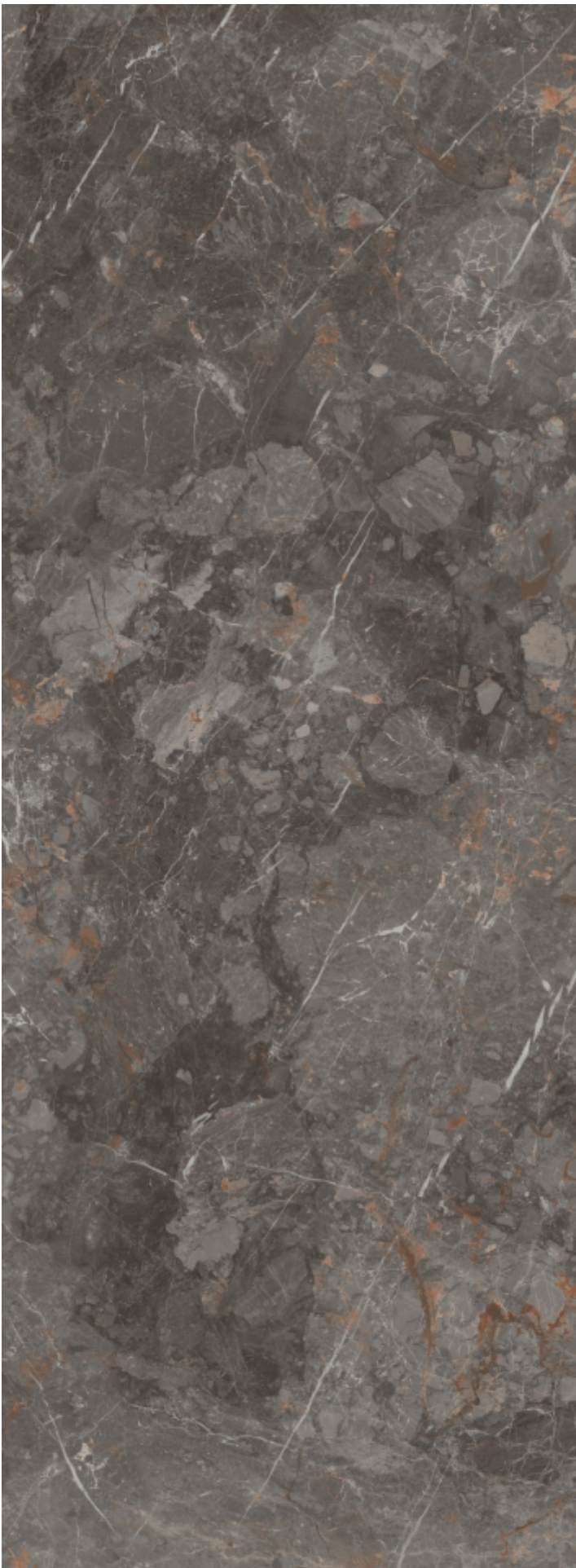
FINISH  
TEXURA

BODY TYPE  
COLOUR BODY

FACES X 4



# SAMURA GRIGIO



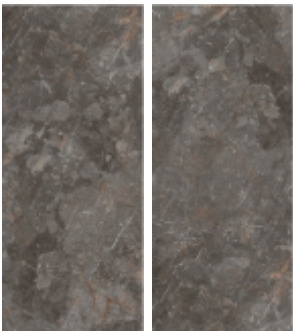
SIZE & THICKNESS

1190x2800 | 6 MM

FINISH  
BOLD

BODY TYPE  
COLOUR BODY

FACES X 2





**SAMURA GRIGIO**  
BOLD | 1190x2800 | 6 MM



# CARRARA WHITE



SIZE & THICKNESS

1600x3200 | 12 MM

FINISH  
MATT

BODY TYPE  
COLOUR BODY

FACES X 3



# SATUARIO WHITE



SIZE & THICKNESS

1600x3200 | 12 MM

FINISH  
DRY GRANULA POLISH  
MATT

BODY TYPE  
COLOUR BODY

FACES X 3

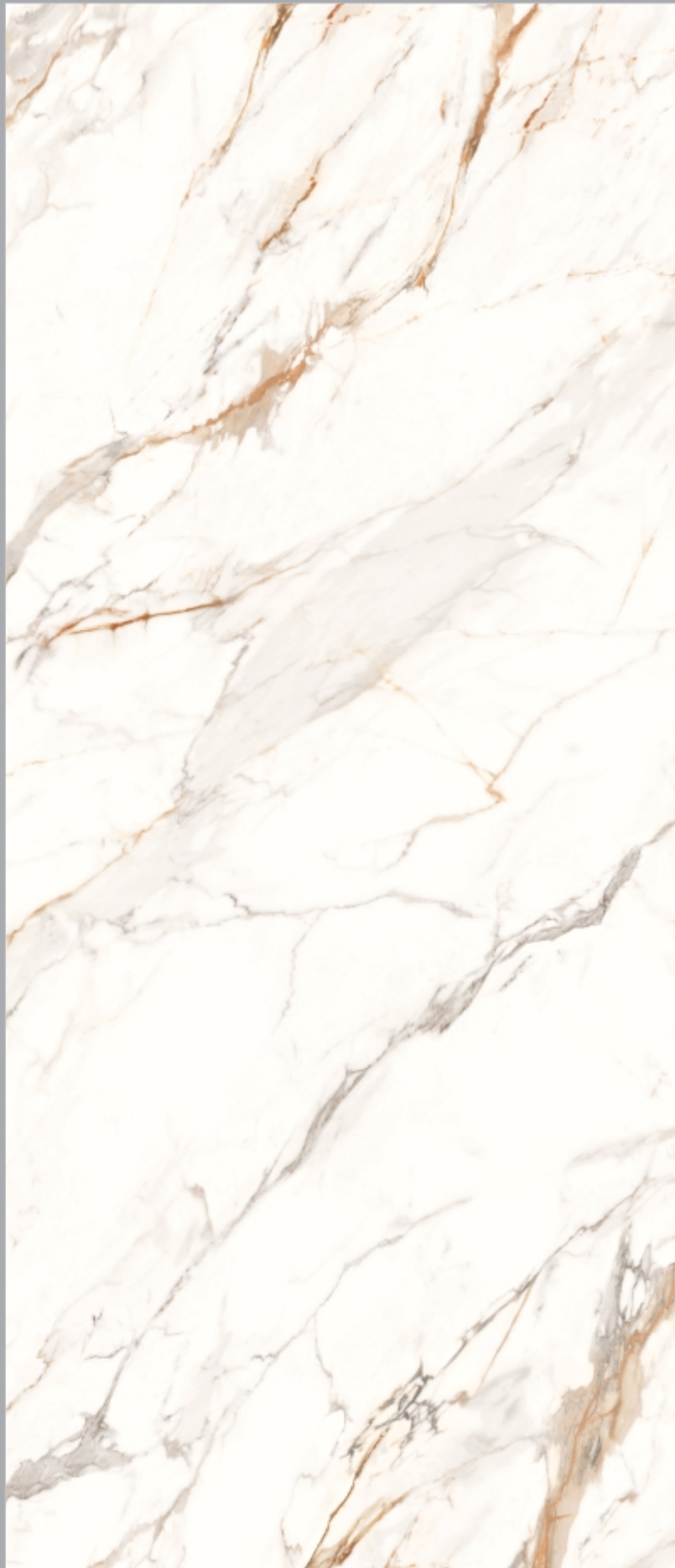




**CARRARA WHITE**  
MATT | 1600x3200 | 12 MM



# CALACUTTA GOLD



SIZE & THICKNESS

\*1600x3200 | 12 MM  
#1190x2800 | 6 MM

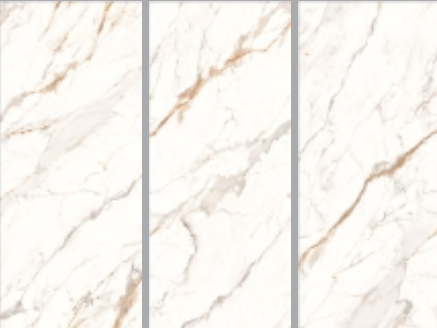
FINISH

\*DIGITAL MATT  
#BEYOND

BODY TYPE

COLOUR BODY

FACES X 3



# OTTOMAN



SIZE & THICKNESS

\*1600x3200 | 12 MM  
#1190x2400 | 9 MM

FINISH

\*DIGITAL MATT  
# DRY GRANULA POLISH  
& BEYOND

BODY TYPE

COLOUR BODY

FACES X 3





**OTTOMAN**  
DIGITAL MATT | 1600x3200 | 12 MM



# GRIGGIO VISTA



SIZE & THICKNESS  
1600x3200 | 12 MM

FINISH  
DIGITAL MATT

BODY TYPE  
COLOUR BODY

FACES X 2



# BARDIGILIO GREY



SIZE & THICKNESS  
1600x3200 | 12 MM

FINISH  
DIGITAL MATT

BODY TYPE  
COLOUR BODY

FACES X 3



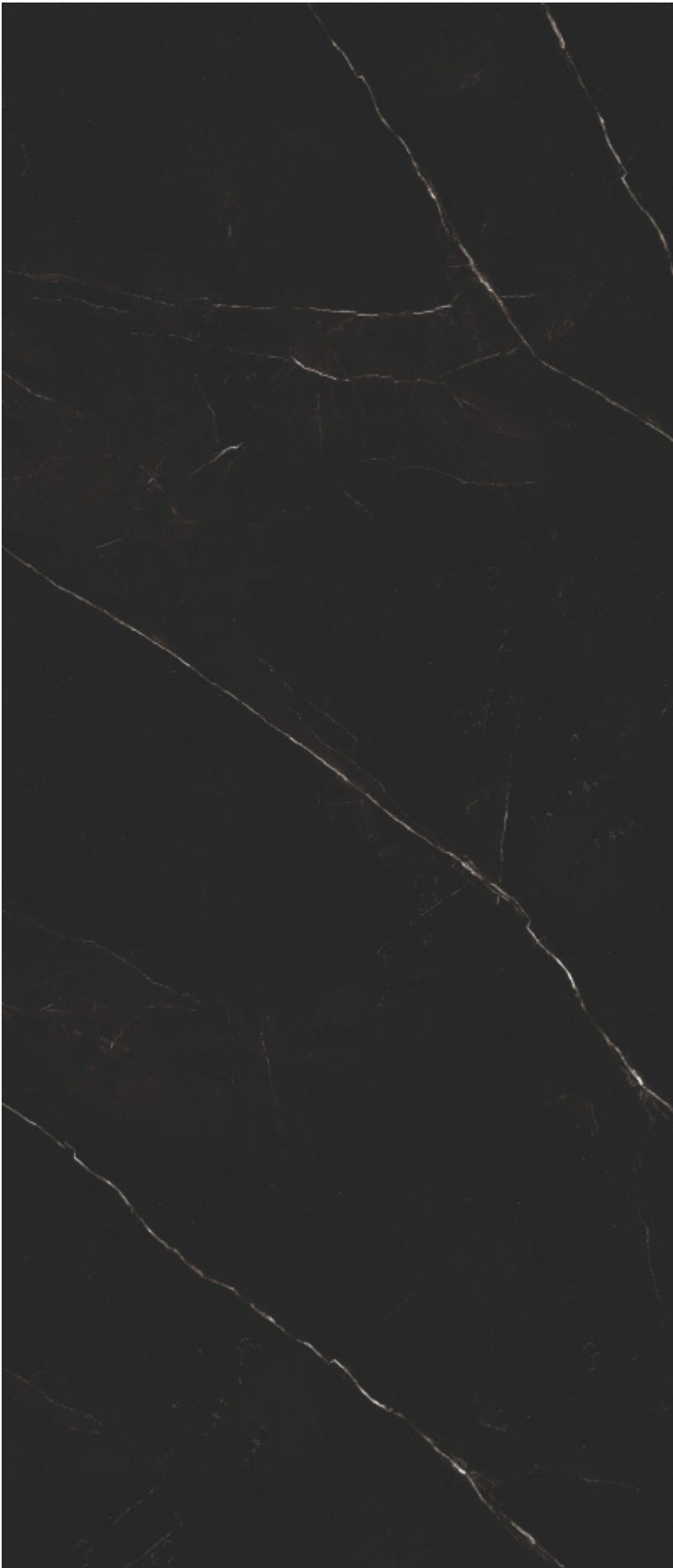




**BARDIGILIO GREY**  
DIGITAL MATT | 1600x3200 | 12 MM



# NERO ARMANI



SIZE & THICKNESS

1600x3200 | 12 MM

FINISH  
DRY GRANULA POLISH  
DIGITAL MATT

BODY TYPE  
COLOUR BODY

FACES X 3



# MONTERO BLACK



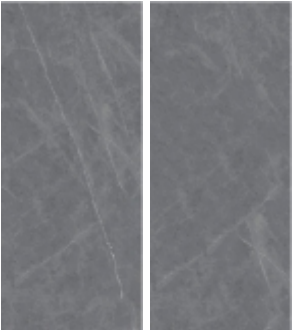
SIZE & THICKNESS

1600x3200 | 12 MM

FINISH  
DRY GRANULA POLISH  
DIGITAL MATT

BODY TYPE  
COLOUR BODY

FACES X 2







**MONTERO BLACK**  
DIGITAL MATT | 1600x3200 | 12 MM



# GOLDEN ARMANI



SIZE & THICKNESS

1600x3200 | 12 MM

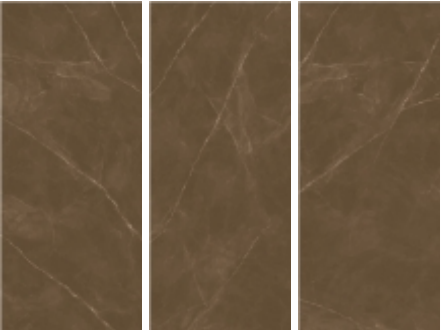
FINISH

DRY GRANULA POLISH

BODY TYPE

COLOUR BODY

FACES X 3



# BALLISTIC NERO



SIZE & THICKNESS

1600x3200 | 12 MM

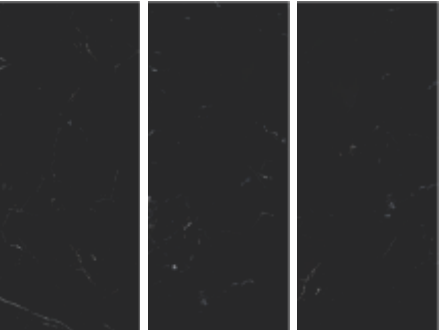
FINISH

DIGITAL MATT

BODY TYPE

COLOUR BODY

FACES X 3





**GOLDEN ARMANI**  
DRY GRANULA POLISH | 1600x3200 | 12 MM



# ARMANI BROWN

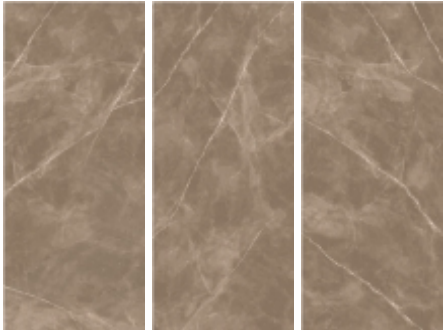


SIZE & THICKNESS  
1600x3200 | 12 MM

FINISH  
DIGITAL MATT

BODY TYPE  
COLOUR BODY

FACES X 3



# VENATO AZUL

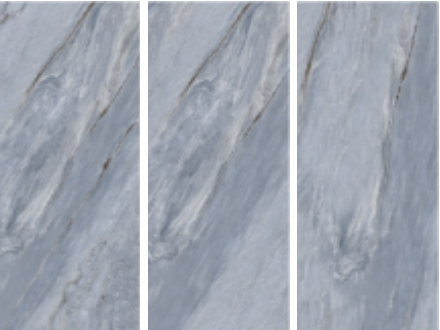


SIZE & THICKNESS  
1600x3200 | 12 MM

FINISH  
DRY GRANULA POLISH

BODY TYPE  
COLOUR BODY

FACES X 3







**VENATO AZUL**  
DRY GRANULA POLISH | 1600x3200 | 12 MM



1190x2400 mm | 9mm

CALACUTTA GOLD



A

B

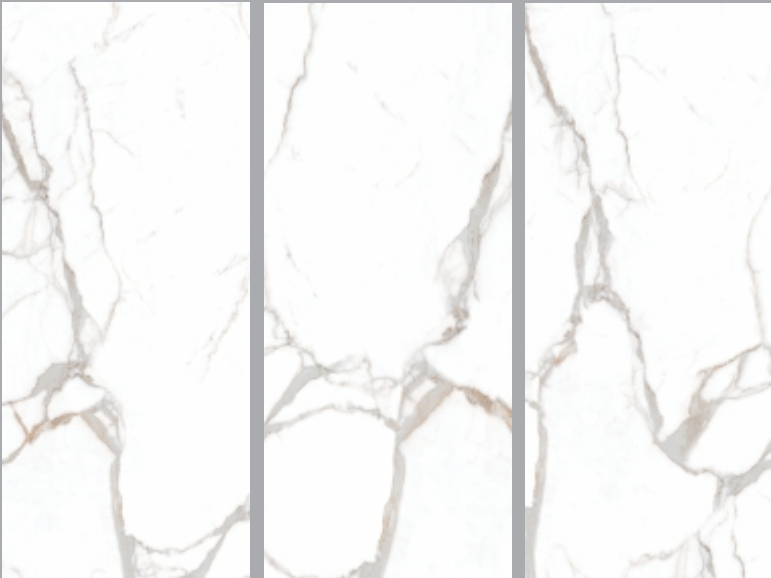
SATUARIO ETERNO



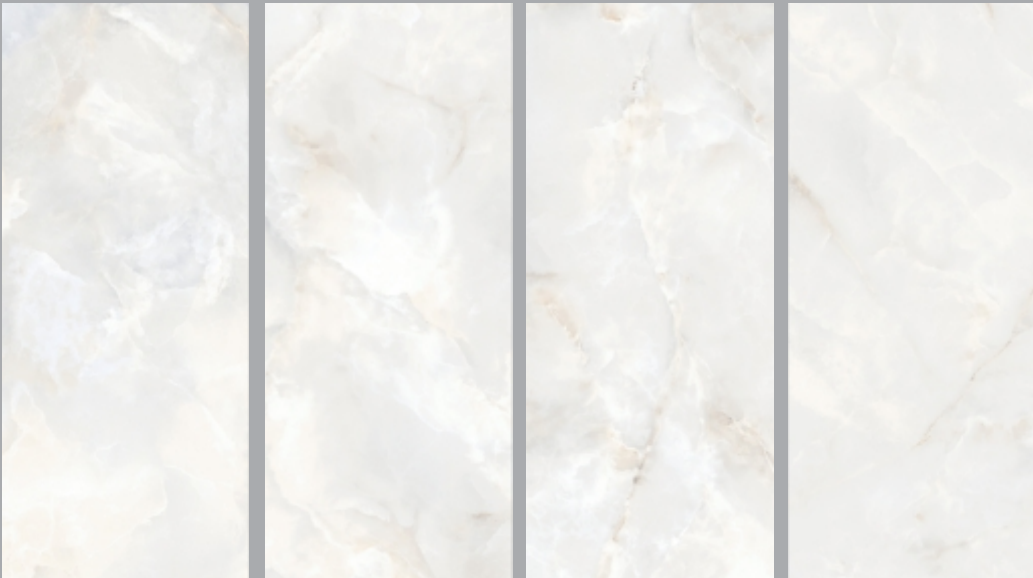
ALBRUS WHITE



CALACUTTA VENATO



ONYX MUSK



MONT BLANC



OTTOMAN



KALADNO





1190x2400 mm | 9mm

PARADISO CREMA



CELESTE GREY



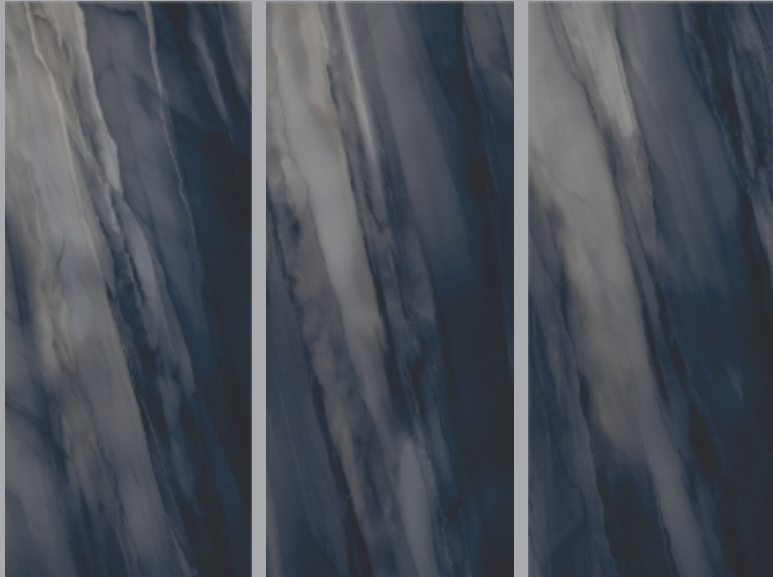
AURUM



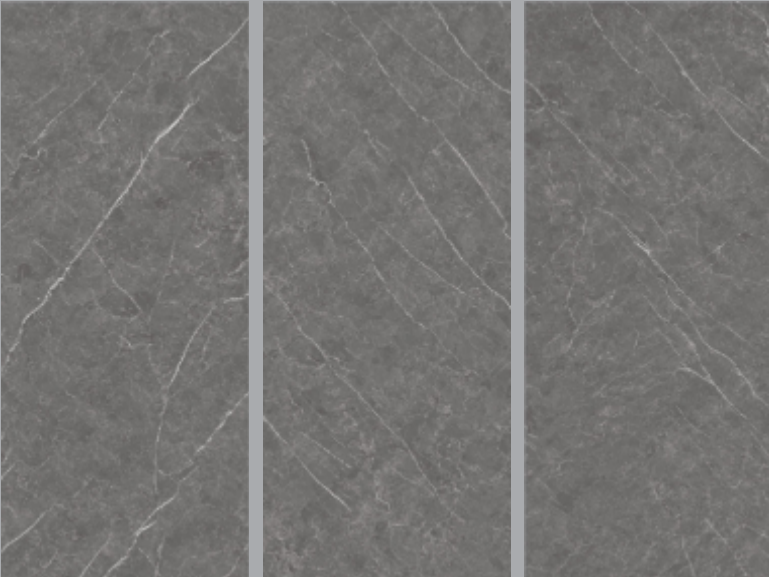
PANDORA



VOLGA



MIYAKI GREY





1190x2400 mm | 9mm

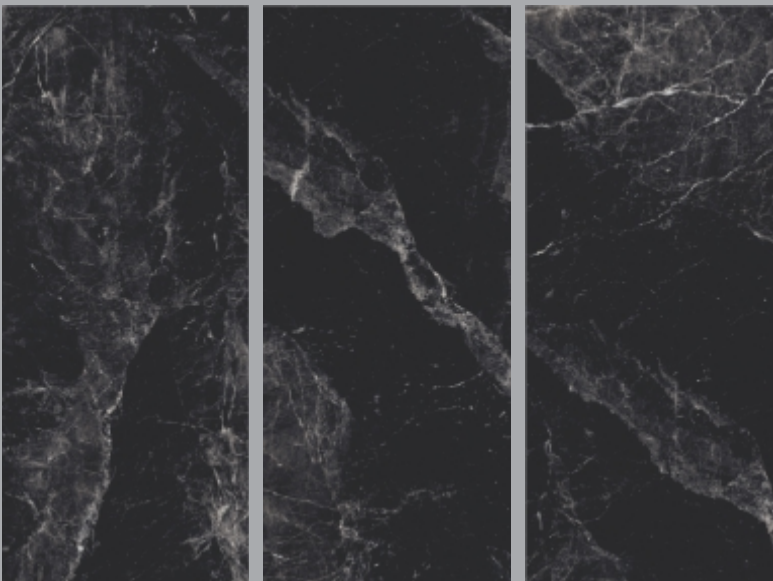
ARGENTA GRIS



ARUBA AZUL



CASPIAN

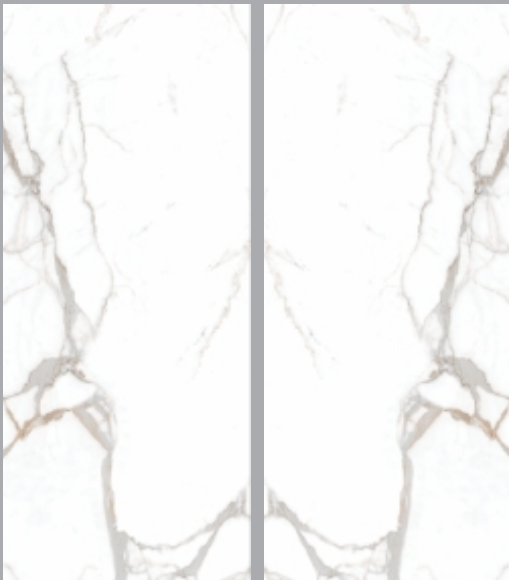


1190x2800 mm | 6mm

CALACUTTA GOLD



CALACUTTA VENATO  
BOOK MATCH



A

B

LASA BIANCO



SATUARIO ETERNO





1190x2800 mm | 6mm

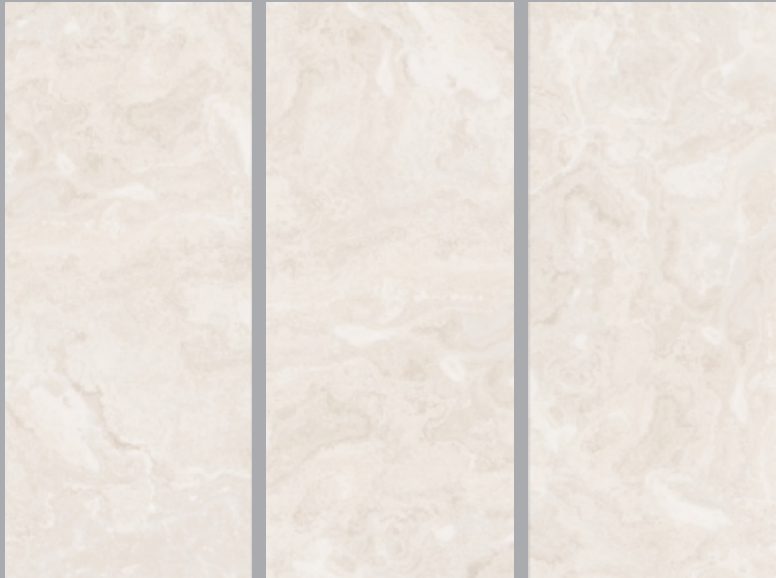
BIANCO ONDULUTO



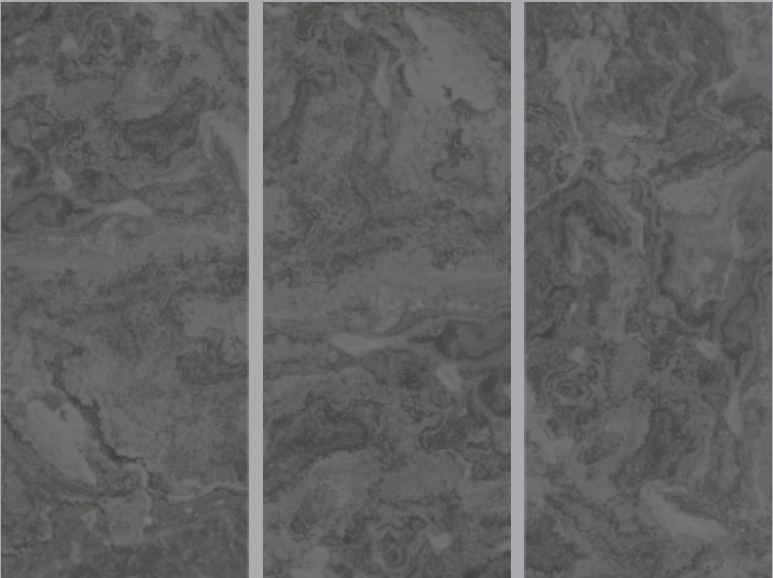
CELESTE BEIGE



BIANCO SAVOY



SAVOY NERO



GRIGIO ONDULUTO



CONCRETO





1190x2800 mm | 6mm

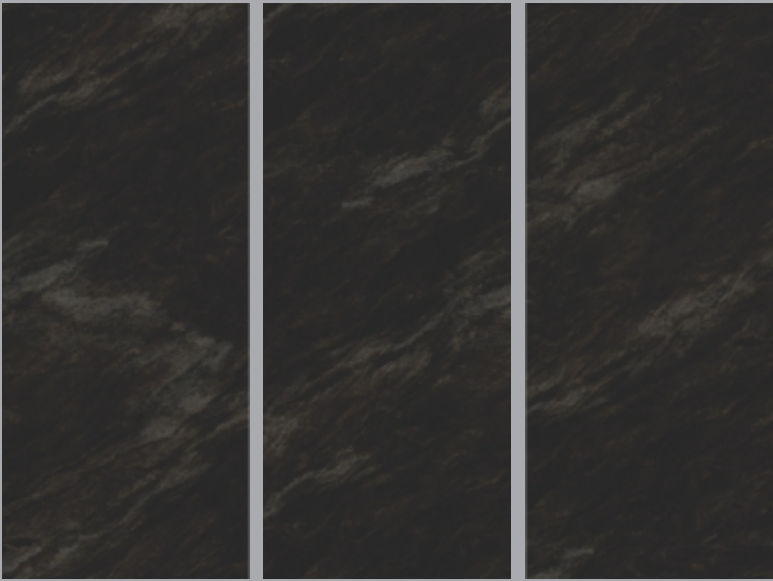
SPECTRE GRIS



URBAN BLACK



ARTEK NERO



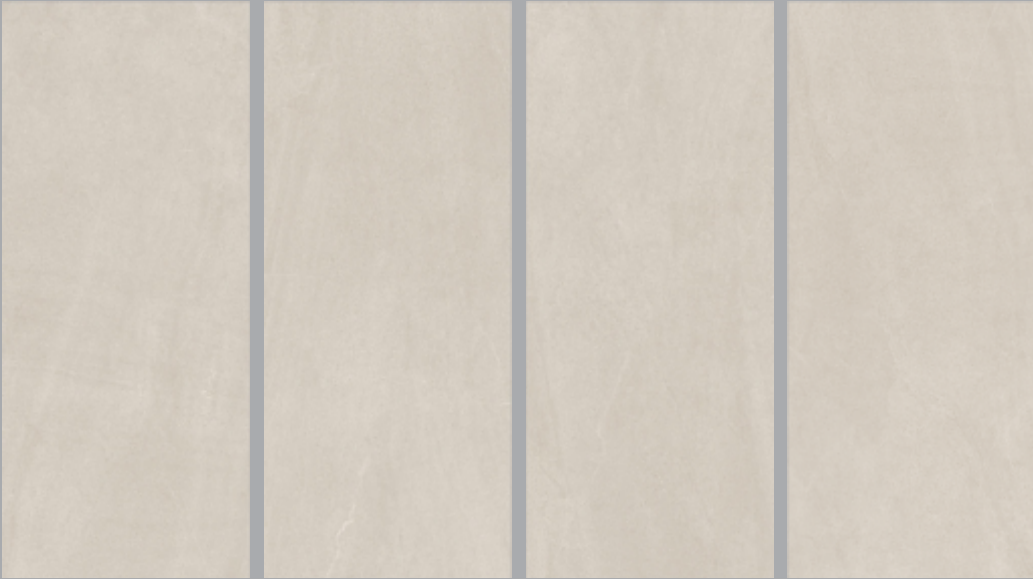
URBAN GREY



IMPERO BROWN



URBAN MARFIL





1190x2800 mm | 6mm

URBAN RUST



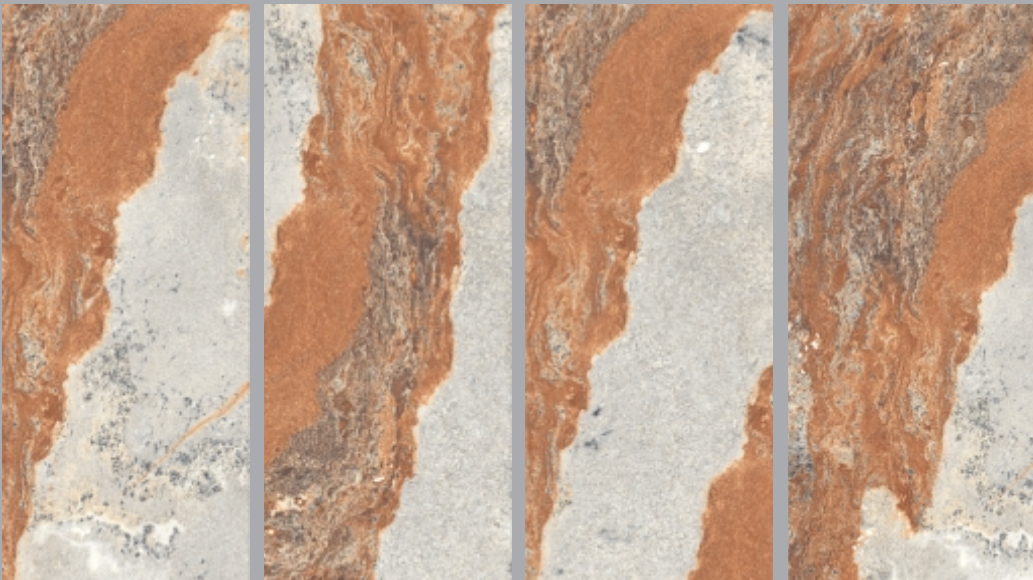
TRAVOS EBONY



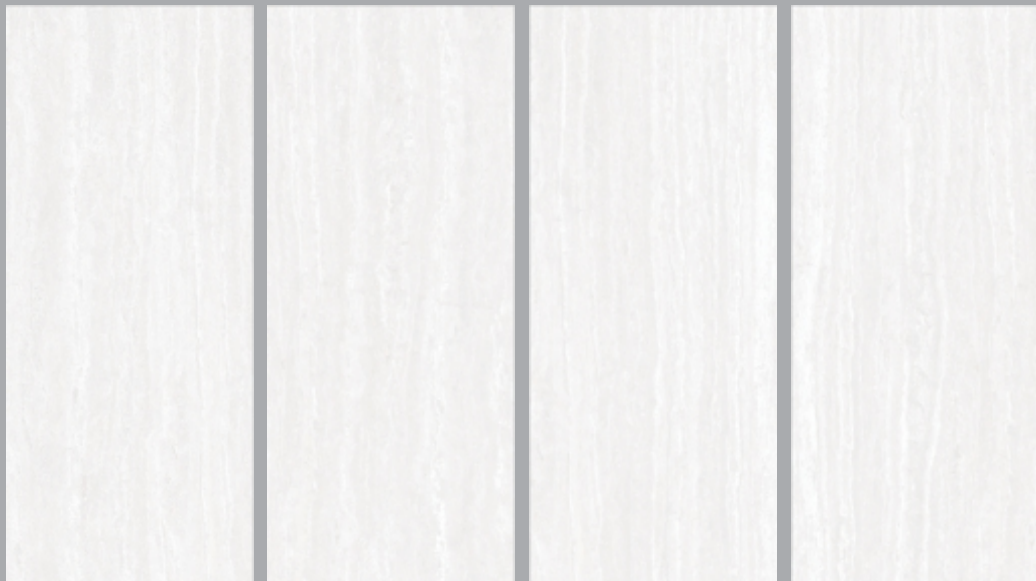
RUSTICO



OXDIO RUST



TRAVOS VENETO



SAMURA GRIGIO





1600x3200 mm | 12mm

CARRARA WHITE



OTTOMAN



SATUARIO WHITE



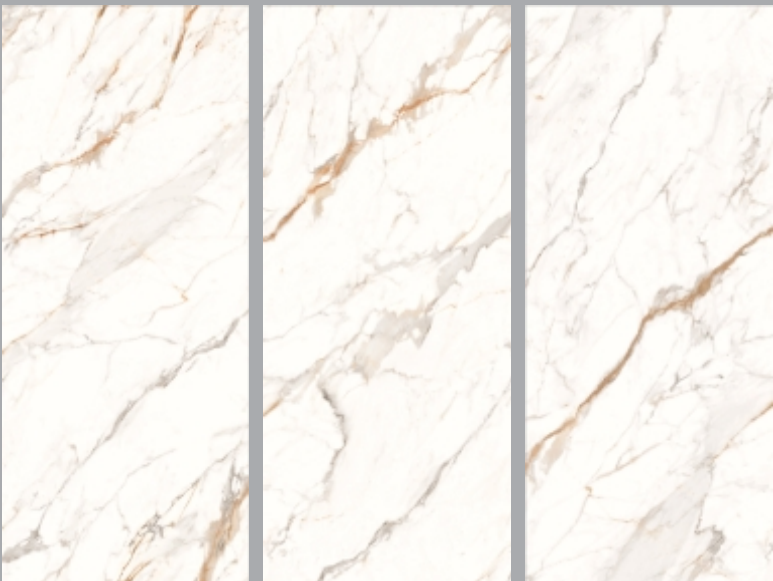
GRIGGIO VISTA



BARDIGILIO GREY



CALACUTTA GOLD



NERO ARMANI



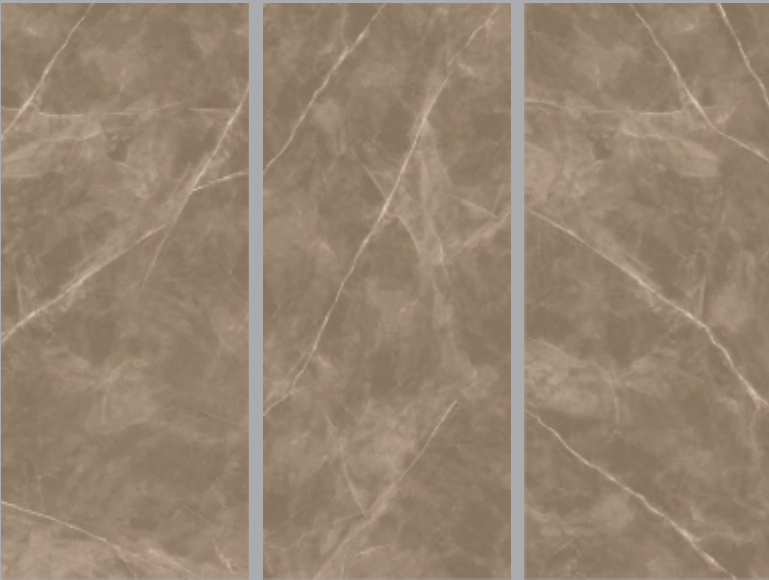


1600x3200 mm | 12mm

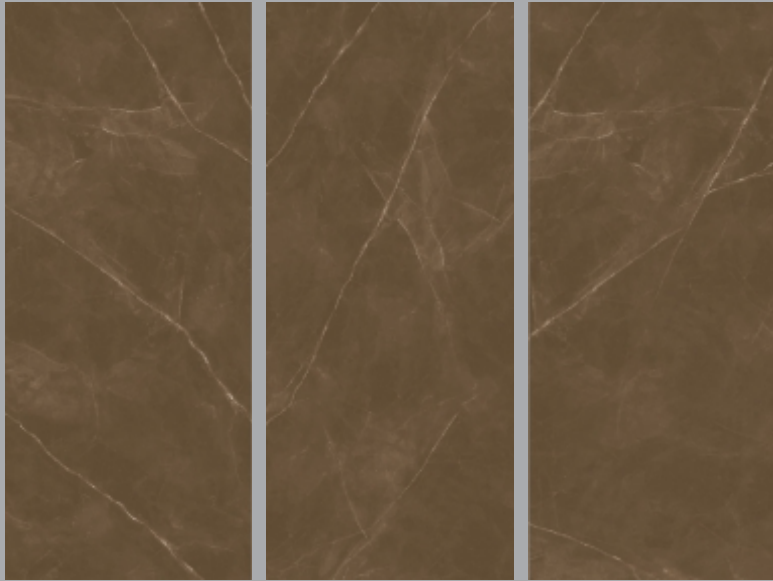
MONTERO BLACK



ARMANI BROWN



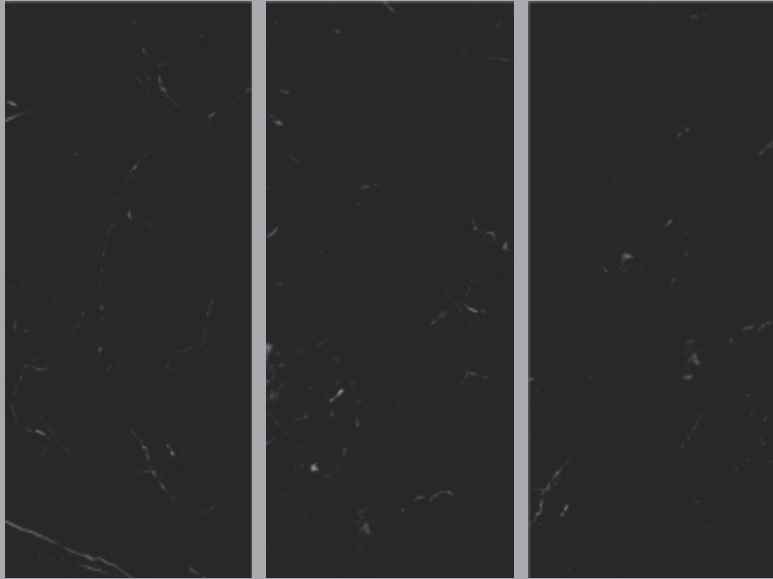
GOLDEN ARMANI



VENATO AZUL



BALLISTIC NERO





PACKING DETAILS

DIMENSIONS (MM)	NO. OF SLABS/BOX	COVERAGE AREA
1190x2800   6 MM	02	6.66 <sup>m2</sup>

TECHNICAL SPECIFICATIONS

S.N.	Technical Characteristics	ISO 13006:2018 Group B Ia	Uniterra Value	Measured value	Test Method
1	Length and Width	± 0.3%	± 0.10%		ISO 10545-2
2	Thickness	± 5.0%	± 3.00%		
3	Straightness of Sides	± 0.3%	± 0.10%		
4	Rectangularity	± 0.3%	± 0.10%		
5	Surface Flatness	± 0.4%	± 0.10%		
6	Surface Quality	Minimum 95% free from visible defects.	No visible defects.	No visible defects.	
7	Modulus of Rupture	≥ 35 N/mm²	≥ 35 N/mm²		ISO 10545-4
8	Breaking Strength	≥ 700 N	≥ 700 N		
9	Water Absorption	≤ 0.5%	≤ 0.08 %,Individual Max 0.1%		ISO 10545-3
10	Surface Abrasion Resistance	Report abrasion class & cycles passed	RUSTIC =Class IV		ISO 10545-7
11	Scratch Hardness (MOH's Scale)	Manufacture to state the class	Min 5	6	EN101
12	Glossiness	Manufacture to state the class	Max 8		Glossmeter 60 degree
13	Stain Resistance*	Min Class 3	Min Class 3		ISO 10545-14
14	Chemical Resistance#	Manufacture to state the class	Min GB,GLB,GHB		ISO 10545-13
15	Crazing Resistance (glazed tiles)	Required	Passes 4 cycles at 7.5 kg/cm²		ISO 10545-11
16	Imapct Resistance	Test Method Available	No identification or cracking		ISO 10545-5
17	Co-efficient of thermal Expansion	Test Method Available	6 x 10 <sup>-6</sup> Max		ISO 10545-8
18	Frost Resistance	Required	100 Cycle Pass		ISO 10545-12
19	Co-efficient of Friction	Manufacture to state the class	≥ 0.40		ISO 10545-17
20	Skid Resistance	Skid Resistance	R-10 to R-12	R-12	DIN51130
20	Thermal Shock Resistance	No Damage	10 cycles passed	No damge	ISO 10545-9

\* Vitrified tiles have resistance to most of the stains / chemicals but, it is recommended to take due care while laying and for day-to-day maintenance.

# Resistance to acids & alkalies (Exception of Hydrofluoric Acid & its Compounds)

- Colours in the catalogue are as accurate as printing process allows. Please check actual tile sample before making the final selection.
- Sizes mentioned in the catalogue are nominal sizes only.
- No claim will be entertained once the tiles are fixed.
- For better laying, please follow the instructions on the packaging box.
- In case it is required to lay the tiles on wall or floor in STAGGERED PATTERN, then always lay them in Overlap 20:80 ratio, as shown in VISUAL 1 instead of Brick pattern (overlap 50:50 ratio), as shown in VISUAL 2.

- Please make sure to check the shade/finish with the sales agent/dealer before making the final purchase because there might be variation in actual finish and that shown in the catalogue. The company will not bear any loss in such case.



VISUAL 1



VISUAL 2



PACKING DETAILS

DIMENSIONS (MM)	NO. OF SLABS/BOX	COVERAGE AREA
1190x2400   9 MM	01	2.85 <sup>m2</sup>

TECHNICAL SPECIFICATIONS

S.N.	Technical Characteristics	ISO 13006:2018 Group B Ia	Uniterra Value	Measured value	Test Method
1	Length and Width	± 0.3%	± 0.10%		ISO 10545-2
2	Thickness	± 5.0%	± 3.00%		
3	Straightness of Sides	± 0.3%	± 0.10%		
4	Rectangularity	± 0.3%	± 0.10%		
5	Surface Flatness	± 0.4%	± 0.10%		
6	Surface Quality	Minimum 95% free from visible defects.	No visible defects.	No visible defects.	
7	Modulus of Rupture	≥ 35 N/mm²	≥ 40 N/mm²		ISO 10545-4
8	Breaking Strength	≥ 1300 N	≥ 2000 N		
9	Water Absorption	≤ 0.5%	≤ 0.08 %,Individual Max 0.1%		ISO 10545-3
10	Surface Abrasion Resistance	Report abrasion class & cycles passed	POLISH = Class III		ISO 10545-7
11	Scratch Hardness (MOH's Scale)	Manufacture to state the class	Min 5	6	EN101
12	Glossiness	Manufacture to state the class	>95		Glossmeter 60 degree
13	Stain Resistance*	Min Class 3	Min Class 3		ISO 10545-14
14	Chemical Resistance#	Manufacture to state the class	Min GB,GLB,GHB		ISO 10545-13
15	Crazing Resistance (glazed tiles)	Required	Passes 4 cycles at 7.5 kg/cm²		ISO 10545-11
16	Imapct Resistance	Test Method Available	No identification or cracking		ISO 10545-5
17	Co-efficient of thermal Expansion	Test Method Available	6 x 10 <sup>-6</sup> Max		ISO 10545-8
18	Frost Resistance	Required	100 Cycle Pass		ISO 10545-12
19	Co-efficient of Friction	Manufacture to state the class	> 0.2		ISO 10545-17
20	Skid Resistance	Skid Resistance	R-10 to R-12	R-12	DIN51130
21	Thermal Shock Resistance	No Damage	10 cycles passed	No damge	ISO 10545-9

\* Vitrified tiles have resistance to most of the stains / chemicals but, it is recommended to take due care while laying and for day-to-day maintenance.

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VISUAL 1



VISUAL 2





## PACKING DETAILS

DIMENSIONS (MM)	NO. OF SLABS/BOX	COVERAGE AREA
1600x3200   12 MM	01	5.12 <sup>m2</sup>

## TECHNICAL SPECIFICATIONS

CHARACTERISTIC	TEST METHOD	MEAN VALUE OF UNITERRA	STD. AS PER ISO13006:2012/ EN14411 Gr.Bla	STD. AS PER IS15622:2017 Gr.Bla
Regulatory Properties				
Deviation in length and width	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.50 %	± 0.10 %
Deviation in thickness	ISO 10545-2 & IS 13630-1	± 4.00 %	± 5.00 %	± 5.0 %
Straightness in side	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.50 %	± 0.10 %
Rectangularity	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.60 %	± 0.10%
Surface flatness Central Curvature	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.50 %	± 0.50 %
Surface flatness Edge Curvature	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.50 %	± 0.50 %
Surface flatness Warpage	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.50 %	± 0.50 %
Surface Quality	ISO 10545-2 & IS 13630-1	> 95% defects free	> 95% defects free	> 95% defects free
Small Color Difference	ISO 10545-16	No Change	Unaltered	N.A.
Glossiness (With Nano Polished)	Gloss Meter 60°	> 90° **	As per Mfg.	As per Mfg.
Glossiness (Without Polished)	Gloss Meter 60°	7° < Gloss < 14***	As per Mfg.	As per Mfg.
Glossiness (Satin Finished)	Gloss Meter 60°	15° < Gloss < 25***	As per Mfg.	As per Mfg.
Structural Properties				
Water absorption	ISO 10545-2 & IS 13630-3	≤ 0.50 %	≤ 0.50 %	≤ 0.80 %
Bulk density	DIN51082 & IS 13630-3	> 2.28 gm/cc	> 2.00 g/cc	Min. 2.20 g/cc
Massive Mechanical Properties				
Modulus of rupture	ISO 10545-4 & IS 13630-6	Min. 37.0 N/mm²	Min. 35.0 N/mm²	Min. 35.0 N/mm²
Breaking strength thickness <7.5	ISO 10545-4 & IS 13630-6	Min. 1000.0 N	Min. 700.0 N	Min. 700.0 N
Breaking strength thickness ≥7.5	ISO 10545-4 & IS 13630-6	Min. 1600.0 N	Min. 1300.0 N	Min. 1100.0 N
Surface Mechanical Properties				
MOH'S hardness	EN 101 & IS 13630-13	Min. 4***	Min. 4	Min. 5
Surface abrasion resistance-Glossy #	ISO 10545-7 & IS 13630-11	Min. Class 2	As per Mfg.	Min. Class II
Surface abrasion resistance-Matt #	ISO 10545-7 & IS 13630-11	Min. Class 3	As per Mfg.	Min. Class II
Thermal Hydrometric Properties				
Moisture expansion	ISO 10545-10 & IS 13630-3	NIL	Max. 0.06	Max. 0.02
Thermal expansion(COE) at 100°C	ISO 10545-8 & IS 13630-4	Max. 6.0 x 10 <sup>-6</sup>	As per Mfg.	Max. 7.0 x 10 <sup>-6</sup>
Thermal shock resistance	ISO 10545-9 & IS 13630-5	Min. 10 Cycle	Min. 10 Cycle	Min. 10 Cycle
Crazing Resistance at 7.5 Bar	ISO10545-11 & IS 13630-9	Min. 6 Cycle	As per Mfg.	Min. 4 Cycle
Impact resistance(COR)	ISO 10545-5 & IS 13630-14	Min. 0.55	As per Mfg.	Min. 0.55
Frost resistance	ISO10545-12 & IS 13630-10	Frost Proof	As per Mfg.	As per Mfg.
Chemical Properties				
**Resistance to Staining Glazed	ISO 10545-14 & IS 13630-8	Min. Class 4 / Min. Class I	Min. Class 3	Min. Class I
**Resistance to Household Chem- icals & Swimming Pool Salts Glazed	ISO 10545-13 & IS 13630-8	Min. Class GA / Min. Class AA	Min. Class GB	Min. Class AA
**Resistance to Low / High Concentrate Acid and Alkalis Glazed	ISO 10545-13 & IS 13630-8	Min. Class GLB**** / Min. Class A****	As per Mfg.	As per Mfg.
Safety Properties				
Skid resistance(DCOF-DRY)	ISO 10545-17	> 0.40	As per Mfg.	As per Mfg.
Slip resistance(DCOF)( R value )###	ISO 10545-17	N.A.	As per Mfg.	As per Mfg.
Determination of Lead & Cadmium Release for Glazed Tiles	ISO 10545-15	Dose not yield Pb & Cd	As per Mfg.	N.A.
Fire Resistance	N.A.	Fire Proof	As per Mfg.	As per Mfg.

# Glaze tiles Intended for use on floor

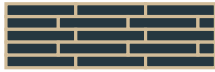
## As per customer requirement

\*\* Glossiness 90% with nano technology

\*\*\* Without nano technology (Unpolished Vitrified tiles)

\*\*\*\* Except Hydrofluoric Acid & it's compound

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VISUAL 1



## VISUAL 2



## Notes

This image shows a full page of white paper designed for handwriting practice. It features approximately 20 horizontal dashed lines spaced evenly across the page, providing a guide for letter height and placement. The lines are light gray and extend from the left edge to the right edge of the page. There is no text or other markings on the paper.



Notes

Lined area for notes.



BESPOKE SINTERED SURFACES





MARCH - 2024

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