SOMANY

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RESONA / CATALOGUE / JULY 2026



RESONA
COLLECTION

EXPLORE WHAT RESONATES WITH YOU.

A space resonates when every surface feels inevitable, chosen not just for how it looks, but for what it makes the room feel. RESONA is built on this principle, a collection of marble-inspired surfaces, complementary accents, and curated textures expressed across three distinct design worlds, Bold, Calm, and Clear.

Available across five formats, from expansive 1200x2400mm & 1200x1800mm fields to refined 600x1200mm, 200x200mm & 75x300mm accents, RESONA delivers soft tonal movement and subtle textural clarity across every spatial application. The Lux finish brings a subtle sheen, refined and functional in equal measure. Quill Touch pairs unrivalled smoothness with a non-reflective finish and delicate carving detail. Velvetouch offers a soft-matt tactility, warm and composed. Lux with Intrica Effect introduces intricate surface carving, bringing dramatic flair and layered visual depth to every composition.

From hospitality lobbies and residential sanctuaries to retail environments, accent walls, feature walls, accent bands, backsplashes, and decorative applications, RESONA offers a complete design solution, where every surface finds its harmony and every interior finds its voice.

THREE EXPRESSIONS ONE COLLECTION

BOLD · CALM · CLEAR

Some spaces energise. Some soothe. Some simply command silence. Resona celebrates the interior in three expressions, dramatic enough to lead, serene enough to breathe, timeless enough to endure.

BOLD

Unapologetically Expressive

Where design refuses to whisper. BOLD brings together dramatic surfaces, rich veining, and expressive depth to create spaces that command attention and hold it.

CALM

The Quiet Art of Refinement

Drawn from nature's most restrained palette, Calm carries a softness that settles into a space rather than competing with it. Subtle textures, clean lines, and composed tones create an atmosphere of quiet, contemporary elegance.

CLEAR

Minimal in Form. Timeless in Character.

From dramatic marble veining to geometric patterns and refined surface variation, Clear speaks in the language of considered simplicity. Minimal yet memorable, each surface brings clarity, precision, and eternal elegance to contemporary interiors.



HYGIENIC SURFACE



STAIN RESISTANT



DURABLE SURFACE



FIRE RESISTANT



LUX-HIGHGLOSS SURFACE

Exuding an air of timeless elegance, the Lux Surface unveils a subtle sheen that elevates every space, a finish both luxurious and functional.



MATT WITH SHAPE & GLOSSY GRANILLA SURFACE

Where matt embraces shine, a striking shape effect sculpts inset facets that catch the light with glossy granilla, balancing tactile softness with radiant highlights.
this is for Matt with.....



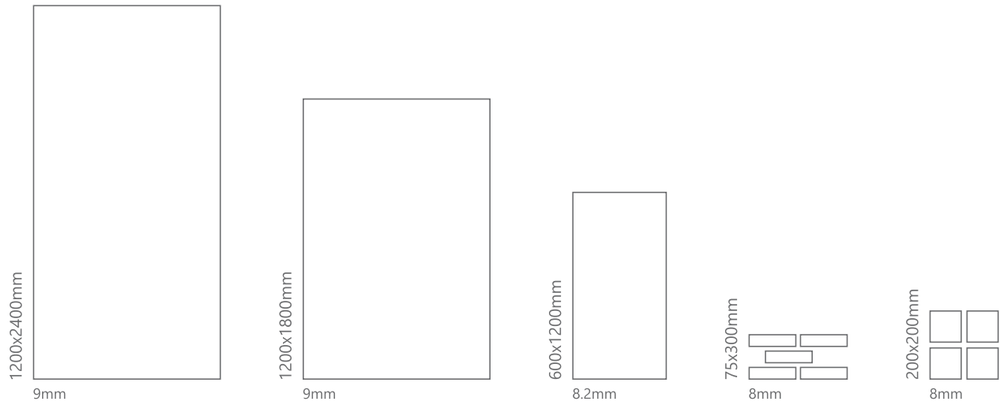
Application Areas

RESTAURANTS
RETAIL MALLS
SPA & WELLNESS
RESIDENTIAL Areas
LIVING SPACE
FITTED KITCHENS & BATHROOMS
AIRPORTS
HOTELS
SHOPS
OFFICES
MUSEUMS
SHOWROOMS

Technical Features

SUITABLE FOR INDOOR & OUTDOORS
HIGHLY UV RESISTANT
FIRE & HEAT RESISTANT
SCRATCH RESISTANT
THERMAL SHOCK RESISTANT
HYGIENIC SURFACE
STAIN RESISTANT
EASY TO CLEAN
FROST RESISTANT
CHEMICAL RESISTANT

SIZES:



SURFACES:

Lux, Velvetouch
Matt - Shape, Glossy Granilla
Matt - Shape, Matt Granilla
Matt - Shape
Matt - Carving
Matt - Glossy Granilla
Matt - Rustic, Carving
Matt - Rustic

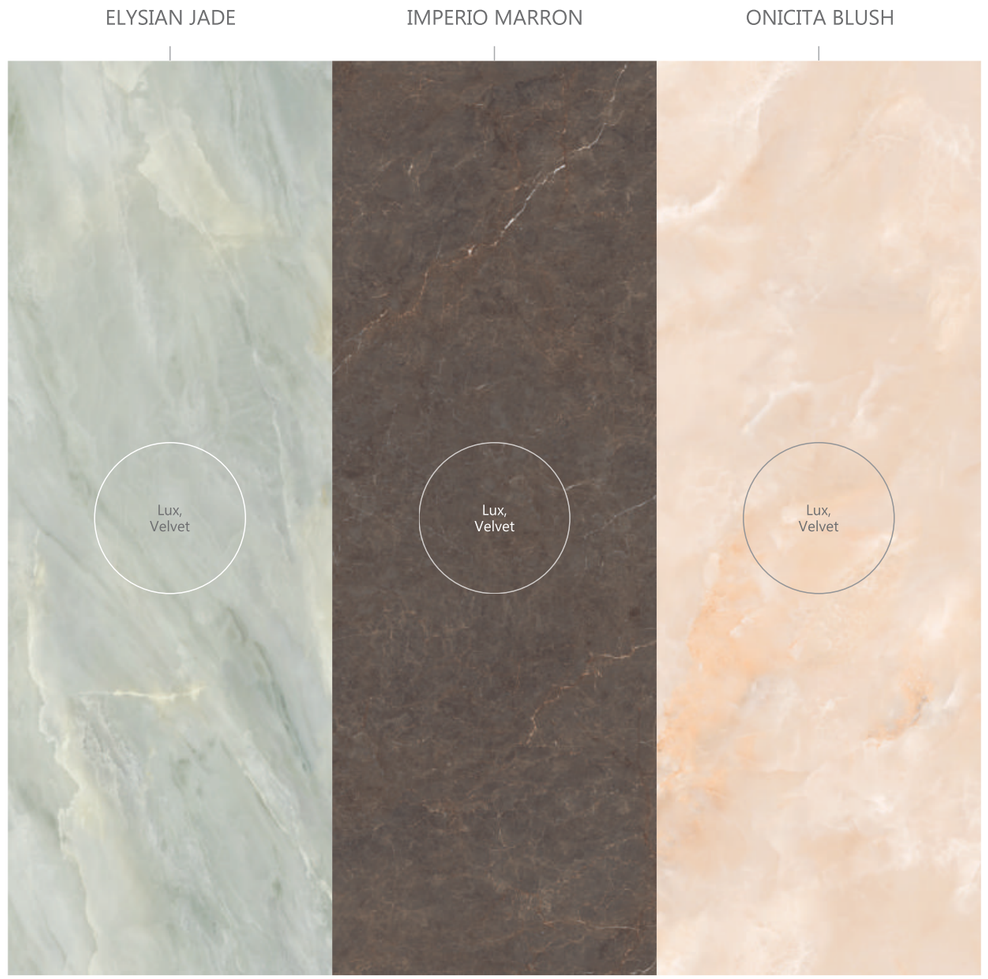


BOLD

STRONG • CONFIDENT • DRAMATIC

Unapologetically Expressive

Where design refuses to whisper. BOLD brings together dramatic surfaces, rich veining, and expressive depth to create spaces that command attention and hold it.



ELYSIAN JADE



No.	Sizes	Surfaces	Thickness	Randoms
1	1200x2400mm	Velvetouch | Lux	9mm	3
2	1200x1800mm	Velvetouch | Lux	9mm	3
3	600x1200mm	Velvetouch	9mm	5
4	600x1200mm	Matt (Shape, Glossy Granilla)	8.2mm	1
5	200x200mm	Matt (Glossy Granilla)	8mm	8
6	75x300mm	Matt (Rustic, Carving)	8mm	30, 15

1. ELYSIAN JADE EL 240



2. ELYSIAN JADE EL 180



3. ELYSIAN JADE 60 VLT

6. BRICK VERDE & BRICK VERDE DECOR



4. ELYSIAN FLOWERS



5. ELYSIAN BLING







360 VIEW

Floor: Elysian Jade EL 180, Lux, 1200x1800mm
Decor Wall 1: Elysian Flowers, Matt (Shape, Glossy Granilla), 600x1200mm
Decor Wall 2: Elysian Bling, Matt (Glossy Granilla), 200x200mm
Brick Wall: Brick Verde & Brick Verde Decor, Matt (Rustic, Carving), 75x300mm



Floor: Elysian Jade EL 180, Lux, 1200x1800mm | Decor Wall 1: Elysian Flowers, Matt (Shape, Glossy Granilla), 600x1200mm

Brick Wall: Brick Verde & Brick Verde Decor, Matt (Rustic, Carving), 75x300mm

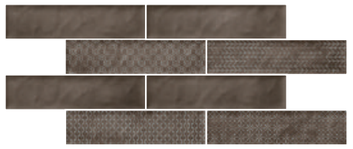


IMPERIO MARRON



No.	Sizes	Surfaces	Thickness	Randoms
1	1200x1800mm	Velvetouch | Lux	9mm	3
2	600x1200mm	Velvetouch	9mm	5
3	600x1200mm	Matt (Glossy Granilla)	8.2mm	1
4	200x200mm	Matt (Carving)	8mm	8
5	75x300mm	Matt (Rustic, Carving)	8mm	30, 15

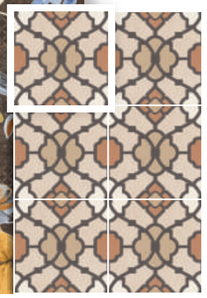
5. BRICK MARRON &
BRICK MARRON DECOR



3. IMPERIO GARDEN



4. IMPERIO
GAUDI



1. IMPERIO MARRON EL 180

2. IMPERIO MARRON 60 VLT







360 VIEW

Floor & Wall: Imperio Marron EL 180, Lux, 1200x1800mm
Wall & Table: Imperio Cream EL 180 VLT, Velvetouch, 1200x1800mm
Decor Floor: Imperio Gaudi, Matt (Carving), 200x200mm
Back Wall: Imperio Garden, Matt (Glossy Granilla), 600x1200mm
Brick Wall: Brick Marron & Brick Marron Decor, Matt (Carving), 75x300mm



Floor: Imperio Marron EL 180, Lux, 1200x1800mm | Decor Floor: Imperio Gaudi, Matt (Carving), 200x200mm

Brick Wall: Brick Marron & Brick Marron Decor, Matt (Carving), 75x300mm
Reception Table: Imperio Cream EL 180 VLT, Velvetouch, 1200x1800mm



ONICITA BLUSH



No.	Sizes	Surfaces	Thickness	Randoms
1	1200x2400mm	Velvetouch | Lux	9mm	3
2	1200x1800mm	Velvetouch | Lux	9mm	3
3	600x1200mm	Velvetouch	9mm	5
4	600x1200mm	Matt (Shape, Glossy Granilla)	8.2mm	1
5	200x200mm	Matt (Glossy Granilla)	8mm	8
6	75x300mm	Matt (Rustic, Carving)	8mm	30, 15

1. ONICITA BLUSH EL 240

2. ONICITA BLUSH EL 180

3. ONICITA BLUSH 60 VLT

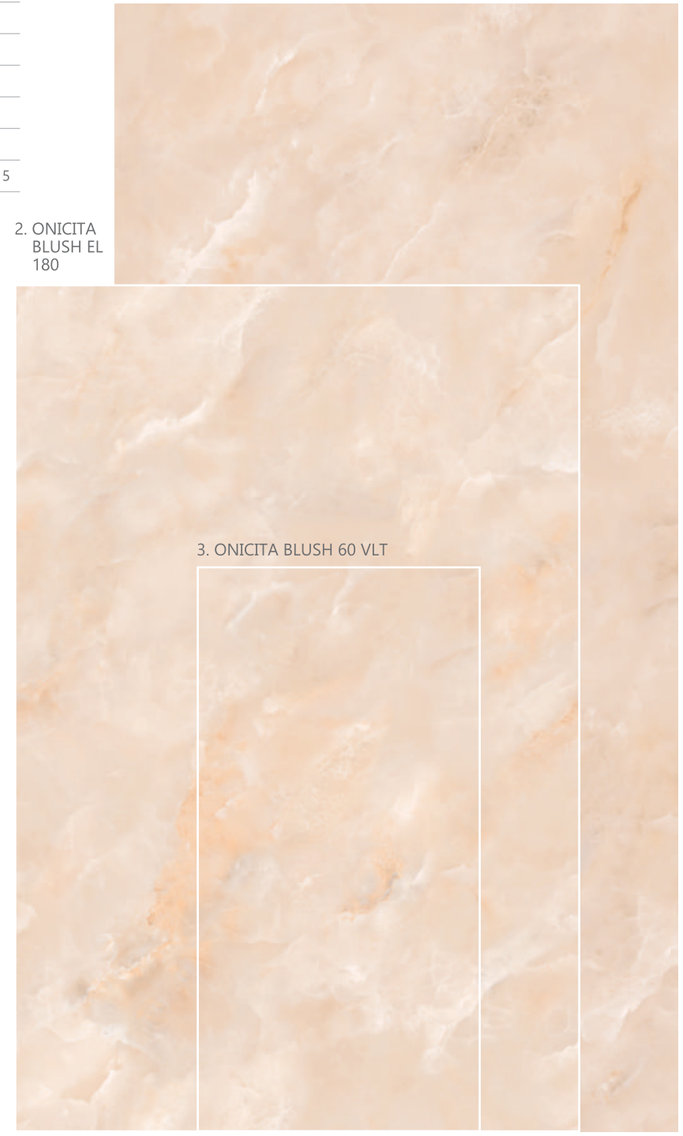
6. BRICK BEIGE & BRICK BEIGE DECOR



4. ONICITA AUTUMN



5. ONICITA BLOOM







Floor & Wall: Onicita Blush EL 180, Lux, 1200x1800mm
Back Wall 1: Onicita Autumn, Matt (Shape, Glossy Granilla), 600x1200mm
Decor Wall 2: Onicita Bloom, Matt (Glossy Granilla), 200x200mm
Back Wall: Brick Beige & Brick Beige Decor, Matt (Rustic, Carving), 75x300mm

360 VIEW



Decor Wall: Onicita Bloom, Matt (Glossy Granilla), 200x200mm
Wall: Onicita Blush EL 180, Lux, 1200x1800mm

Back Wall: Brick Beige & Brick Beige Decor, Matt (Rustic, Carving), 75x300mm





CALM

WARM • NATURAL • SERENE

The Quiet Art of Refinement

Drawn from nature's most restrained palette, Calm carries a softness that settles into a space rather than competing with it. Subtle textures, clean lines, and composed tones create an atmosphere of quiet, contemporary elegance.

IMPERIO CREMA

Lux,
Velvet

IBERIA CREAM

Lux,
Velvet

IVORA MIST

Lux,
Velvet

IMPERIO CREAM

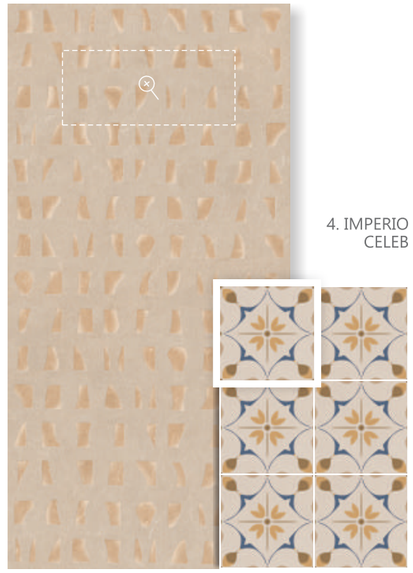


No.	Sizes	Surfaces	Thickness	Randoms
1	1200x1800mm	Velvetouch | Lux	9mm	3
2	600x1200mm	Velvetouch	9mm	5
3	600x1200mm	Matt (Shape, Glossy Granilla)	8.2mm	2
4	200x200mm	Matt (Glossy Granilla)	8mm	8
5	75x300mm	Matt (Rustic, Carving)	8mm	30, 15

5. BRICK TAN &
BRICK TAN DECOR



3. IMPERIO INLAY



4. IMPERIO
CELEB

1. IMPERIO CREAM EL 180



2. IMPERIO CREAM 60 VLT





360 VIEW

Floor & Wall: Imperio Cream EL 180 VLT, Velvetouch, 1200x1800mm
Back Wall: Imperio Inlay, Matt (Shape, Glossy Granilla), 600x1200mm
Decor Wall: Imperio Celeb, Matt (Glossy Granilla), 200x200mm
Table: Brick Tan, Matt (Rustic), 75x300mm



Back Wall: Imperio Inlay, Matt (Shape, Glossy Granilla), 600x1200mm

Decor Wall: Imperio Celeb, Matt (Glossy Granilla), 200x200mm
Table: Brick Tan, Matt (Rustic), 75x300mm



IBERIA CREAM



No.	Sizes	Surfaces	Thickness	Randoms
1	1200x1800mm	Velvetouch | Lux	9mm	3
2	600x1200mm	Velvetouch	9mm	5
3	600x1200mm	Matt ((Shape, Matt Granilla))	8.2mm	2
4	200x200mm	Matt (Carving)	8mm	8
5	75x300mm	Matt (Rustic, Carving)	8mm	30, 15

5. BRICK CREAM &
BRICK CREAM DECOR



3. IBERIA GRIDS



4. IBERIA
TREDI

1. IBERIA CREAM EL 180

2. IBERIA CREAM 60 VLT







360 VIEW

Floor & Wall: Iberia Cream EL 180 VLT, Velvetouch, 1200x1800mm
Decor Floor: Elysian Bling, Matt (Carving), 200x200mm
Wall: Iberia Grids, Matt (Shape, Matt Granilla), 600x1200mm
Brick Wall: Brick Verde & Brick Verde Decor, Matt (Rustic, Carving), 75x300mm



Floor: Iberia Cream EL 180 VLT, Velvetouch, 1200x1800mm | Wall: Iberia Grids, Matt (Shape, Matt Granilla), 600x1200mm

Decor Floor: Elysian Bling, Matt (Glossy Granilla), 200x200mm
Floor: Iberia Cream EL 180 VLT, Velvetouch, 1200x1800mm



IVORA MIST



No.	Sizes	Surfaces	Thickness	Randoms
1	1200x1800mm	Velvetouch | Lux	9mm	3
2	600x1200mm	Velvetouch	9mm	5
3	600x1200mm	Matt (Shape, Matt Granilla)	8.2mm	2
4	200x200mm	Matt (Carving)	8mm	8
5	75x300mm	Matt (Rustic, Carving)	8mm	30, 15

5. BRICK GREY &
BRICK GREY DECOR



3. IVORA TRANQUIL



4. IVORA
QUATRO



1. IVORA MIST EL 180

2. IVORA MIST 60 VLT







360 VIEW

Floor: Ivora Mist EL 180VLT, Velvetouch, 1200x1800mm
Wall: Ivora Tranquil, Matt (Shape, Matt Granilla), 600x1200mm
Decor Wall: Ivora Quatro, Matt (Carving), 200x200mm
Bathtub: Brick Grey & Brick Grey Decor, Matt (Rustic, Carving), 75x300mm



Wall: Ivora Tranquil, Matt (Shape, Matt Granilla), 600x1200mm | Wall: Brick Grey & Brick Grey Decor, Matt (Rustic, Carving), 75x300mm

Decor Wall: Ivora Quatro, Matt (Carving), 200x200mm





CLEAR

PURE • MINIMAL • PRECISE

Minimal in Form. Timeless in Character.

From dramatic marble veining to geometric patterns and refined surface variation, Clear speaks in the language of considered simplicity. Minimal yet memorable, each surface brings clarity, precision, and eternal elegance to contemporary interiors.



VETRINO WHITE



No.	Sizes	Surfaces	Thickness	Randoms
1	1200x2400mm	Velvetouch | Lux	9mm	3
2	1200x1800mm	Velvetouch | Lux	9mm	3
3	600x1200mm	Velvetouch	9mm	5
4	600x1200mm	Matt (Shape)	8.2mm	4
5	200x200mm	Matt (Carving)	8mm	8
6	75x300mm	Matt (Rustic, Carving)	8mm	30, 15

1. VETRINO WHITE EL 240



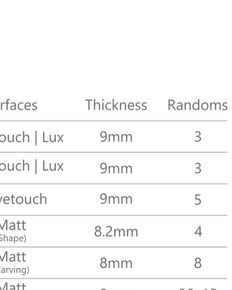
2. VETRINO WHITE EL 180

3. VETRINO WHITE 60 VLT

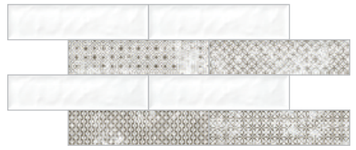
4. VETRINO LINA



5. VETRINO MESH



6. BRICK WHITE & BRICK WHITE DECOR







360 VIEW

Floor: Vetrino White EL 180, Lux, 1200x1800mm
Wall: Vetrino Lina, Matt (Shape), 600x1200mm
Back Wall: Brick White, Matt (Rustic), 75x300mm
Bar Counter: Vetrino Mesh, Matt (Carving), 200x200mm



Wall: Vetrino Lina, Matt (Shape), 600x1200mm

Back Wall: Brick White, Matt (Rustic), 75x300mm
Bar Counter: Vetrino Mesh, Matt (Carving), 200x200mm



SERENO ASH

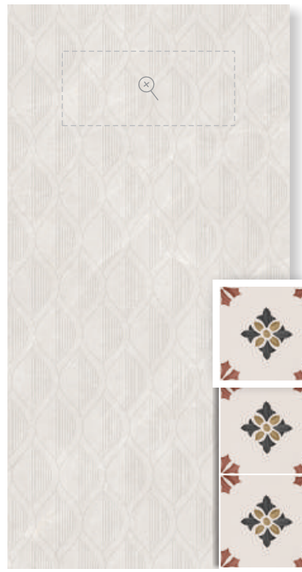


No.	Sizes	Surfaces	Thickness	Randoms
1	1200x1800mm	Velvetouch | Lux	9mm	3
2	600x1200mm	Velvetouch	9mm	5
3	600x1200mm	Matt (Shape, Matt Granilla)	8.2mm	4
4	200x200mm	Matt (Glossy Granilla)	8mm	4
5	75x300mm	Matt (Rustic, Carving)	8mm	30, 15

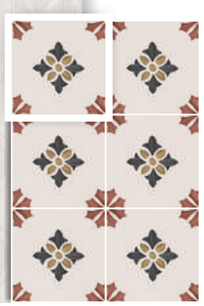
5. BRICK GREY &
BRICK GREY DECOR



3. SERENO TESSI



4. SERENO
MOTIF



1. SERENO ASH EL 180

2. SERENO ASH 60 VLT







360 VIEW

Floor & Wall: Sereno Ash EL 180 VLT, Velvetouch, 1200x1800mm
Back Wall 1: Sereno Motif, Matt (Glossy Granilla), 200x200mm
Back Wall 2: Sereno Tessi, Matt (Shape, Matt Granilla) , 600x1200mm
Bar Counter: Brick Grey & Brick Grey Decor, Matt (Rustic, Carving), 75x300mm



Back Wall: Sereno Tessi, Matt (Shape, Matt Granilla), 600x1200mm

Wall: Sereno Motif, Matt (Glossy Granilla), 200x200mm
Bar Counter: Brick Grey & Brick Grey Decor, Matt (Rustic, Carving), 75x300mm



AURELIA WHITE

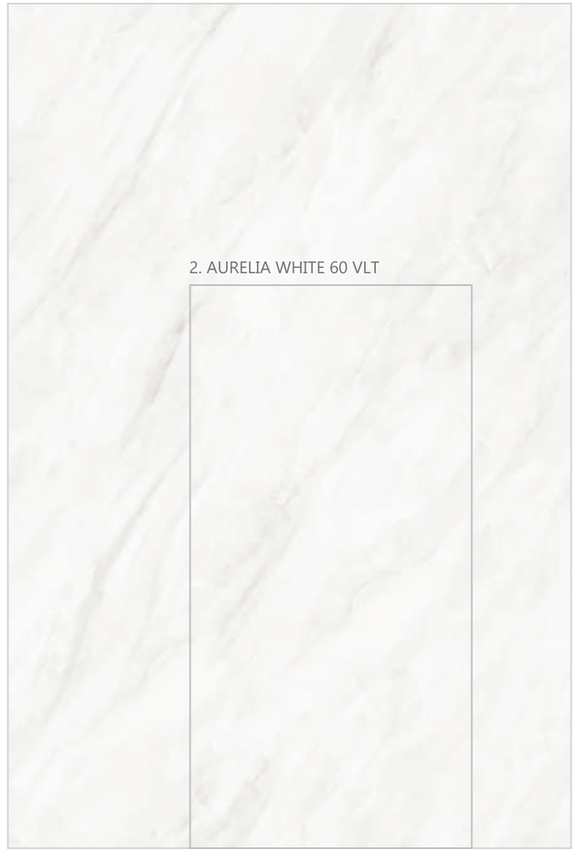


No.	Sizes	Surfaces	Thickness	Randoms
1	1200x1800mm	Velvetouch | Lux	9mm	3
2	600x1200mm	Velvetouch	9mm	5
3	600x1200mm	Matt (Shape)	8.2mm	2
4	200x200mm	Matt (Glossy Granilla)	8mm	8
5	75x300mm	Matt (Rustic, Carving)	8mm	30, 15

5. BRICK WHITE &
BRICK WHITE DECOR



1. AURELIA WHITE EL 180



3. AURELIA HISTO



2. AURELIA WHITE 60 VLT

4.AURELIA
FLORA







Floor: Aurelia White EL 180, Lux, 1200x1800mm
Side Wall: Elysian jade EL 180, Lux, 1200x1800mm
Back Wall: Aurelia Histo, Matt (Shape), 600x1200mm
Front Wall: Aurelia Flora, Matt (Glossy Granilla), 200x200mm
Wall Niche: Brick White, Matt (Rustic), 75x300mm
Counter Bottom: Brick White Decor, Matt (Carving), 75x300mm

360 VIEW



Wall: Aurelia Histo, Matt (Shape), 600x1200mm | Wall Niche: Brick White, Matt (Rustic), 75x300mm

Wall: Aurelia Flora, Matt (Glossy Granilla), 200x200mm



TECHNICAL SPECIFICATION FOR RESONA COLLECTION

CHARACTERISTICS	REQUIREMENT AS PER IS 15622 :2017 E ≤ 0.08 GROUP B I A	REQUIREMENT AS PER ISO 13006:2018 ≤ 0.5% GROUP B I A	OUR VALUES	TEST METHOD
Dimension & Surface Quality				
Length & Width %	± 0.10%	± 0.5%	± 0.10%	IS 13630 Part 1 / ISO 10545-2
Thickness %	± 5.0%	± 5.0%	± 4.0%	
Straightness of Side %	± 0.10%	± 0.50%	± 0.10%	
Rectangularity %	± 0.10%	± 0.60%	± 0.10%	
Surface Flatness				
Center Curvature (%) (Max. Deviation)	± 0.50%	± 0.50%	± 0.2 %	
Edge Curvature (%) (Max. Deviation)	± 0.50%	± 0.50%	± 0.2 %	
Corner Warpage (%) (Max. Deviation)	± 0.50%	± 0.50%	± 0.2 %	
Surface Quality	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	
Physical Properties				
Water Absorption	Avg. ≤ 0.08%, Individual Max.0.1%	Avg. ≤ 0.5 %, Individual 0.6% max	Avg.<0.08%	IS 13630 Part 2/ ISO 10545-3
Modulus of Rupture [N/mm²]	Avg. 35, Individual 32 Min	Avg. 35, Individual 32 Min	Avg. > 35	IS 13630 Part 6/ISO 10545-4
Breaking Strength in N	1300	Min.1300	Min. 1800	
Moisture Expansion in mm/m	0.02	Test method available	0.02	IS 13630 Part 3 / ISO-10545-10
Scratch Hardness of surface (Mohs)	Min 5	N.A	Min. 3	IS 13630 Part 13
Resistant to Abrasion of Glazed Tiles (Class I to V)	Min II	Abrasion Class & Cycle passed	PEI III (Polish), PEI IV (Matt)	IS 13630 Part 11 /ISO 10545-7
Coefficient of Linear Thermal Expansion from Ambient Temperature to 100° C	6 X 10 $^{-6}$ K^{-1} max	Test method available	Max 6 X 10 $^{-6}$ K^{-1} max	IS 13630 Part 4/ ISO 10545-8
Thermal Shock Resistant	10 cycle Min	Required	10 cycle passed	IS 13630 Part 5/ISO-10545-9
Crazing Resistant	4 cycle @ 7.5bar min	Required	4 cycle passed	IS 13630 Part 9/ISO 10545-11
Impact Resistant as Co-efficient of Restitution (COR)	0.55 min	Test method available	0.55 Min	IS 13630 Part 14/ISO 10545-5
Frost Resistant	Required	Required	100 Cycle Passed	IS 13630 Part 10/ISO 10545-12
Stain & Chemical Resistant (Glazed Tiles)				
Stain Resistant	Min Class 1	Min Class 3	Matt 1, Polish 2	IS 13630 Part 8 & ISO 10545-14
Resistant to Household Chemicals	Min Class AA	Min B	Min Class AA	IS 13630 Part 8 / ISO 10545-13
Resistant to Acids and Alkalis (with exception of Hydrofluoric Acid and its compounds)	Required if agreed	Declared Value[f]	Min Class AA	

PACKAGING DETAIL FOR RESONA COLLECTION

Nominal Sizes (mm)	Thickness (mm)	Avg. Wt. Per Carton (Kg.)	No. of Tiles Per Carton	Coverage Area Per Carton
1200x2400mm	9	61.7	1	2.88sq.mtr./31.00sq.ft.
1200x1800mm	9	90	2	4.32sq.mtr./46.50sq.ft.

The tiles in this catalogue are reproduced using four-colour printing, and the tiles may not be displayed in accurate sizes. Therefore, we strongly recommend customers to check the physical samples before placing an order. The "Technical Specification" applies exclusively to premium-quality Somany wall and floor tiles. Please inspect the tiles thoroughly before installation, as we don't accept any complaints once the tiles have been applied or fixed. Additionally, complaints regarding borders, highlighters, or motifs will not be entertained after purchase.

TECHNICAL SPECIFICATION FOR RESONA COLLECTION

CHARACTERISTICS	REQUIREMENT AS PER IS 15622 :2017 E ≤ 0.08 GROUP B I A	REQUIREMENT AS PER ISO 13006:2018 ≤ 0.5% GROUP B I A	OUR VALUES	TEST METHOD
Dimension & Surface Quality				
Length & Width %	± 0.10%	± 0.5%	± 0.10%	IS 13630 Part 1 / ISO 10545-2
Thickness %	± 5.0%	± 5.0%	± 3.0%	
Straightness of Side %	± 0.10%	± 0.50%	± 0.10%	
Rectangularity %	± 0.10%	± 0.60%	± 0.10%	
Surface Flatness				
Center Curvature (%) (Max. Deviation)	± 0.50%	± 0.50%	± 0.2 %	
Edge Curvature (%) (Max. Deviation)	± 0.50%	± 0.50%	± 0.2 %	
Corner Warpage (%) (Max. Deviation)	± 0.50%	± 0.50%	± 0.2 %	
Surface Quality	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	
Physical Properties				
Water Absorption	Average ≤ 0.08%, Individual Max.0.1%	Av ≤ 0.5 %, Individual 0.6% max	<0.08%, Individual Max 0.1%	IS 13630 Part 2/ ISO 10545-3
Modulus of Rupture [N/mm²]	Avg. 35, Individual 32 Min	Avg. 35, Individual 32 Min	Avg. > 35, Individual 32	IS 13630 Part 6/ISO 10545-4
Breaking Strength in N	1300	Min.1300	Min. 1300	
Moisture Expansion in mm/m	0.02	Test method available	0.02	IS 13630 Part 3 / ISO-10545-10
Scratch Hardness of surface (Mohs)	Min 5	N.A	Min 3 (Polish), Min 5 (Matt)	IS 13630 Part 13
Resistant to Abrasion of Glazed Tiles (Class I to V)	Min II	Abrasion Class & Cycle passed	PEI III (Polish), PEI IV (Matt)	IS 13630 Part 11 /ISO 10545-7
Coefficient of Linear Thermal Expansion from Ambient Temperature to 100° C	6 X 10 $^{-6}$ K^{-1} max	Test method available	Max 6 X 10 $^{-6}$ K^{-1} max	IS 13630 Part 4/ ISO 10545-8
Thermal Shock Resistant	10 cycle Min	Required	10 cycle passed	IS 13630 Part 5/ISO-10545-9
Crazing Resistant	4 cycle @ 7.5bar min	Required	4 cycle passed	IS 13630 Part 9/ISO 10545-11
Impact Resistant as Co-efficient of Restitution (COR)	0.55 min	Test method available	0.55 Min	IS 13630 Part 14/ISO 10545-5
Frost Resistant	Required	Required	100 Cycle Passed	IS 13630 Part 10/ISO 10545-12
Stain & Chemical Resistant (Glazed Tiles)				
Stain Resistant	Min Class 1	Min Class 3	Class 2	IS 13630 Part 8 & ISO 10545-14
Resistant to Household Chemicals	Min Class AA	Min B	Min Class AA	IS 13630 Part 8 / ISO 10545-13
Resistant to Acids and Alkalis (with exception of Hydrofluoric Acid and its compounds)	Required if agreed	Declared Value[f]	Min Class AA	

PACKAGING DETAIL FOR RESONA COLLECTION

Nominal Size (mm)	Thickness (mm)	Avg. Wt. Per Carton (Kg.)	No. of Tiles Per Carton	Coverage Area Per Carton
600x1200mm (Shape)	8.2	27.2	2	1.44sq.mtr./15.5sq.ft.

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TECHNICAL SPECIFICATION FOR RESONA COLLECTION

CHARACTERISTICS	REQUIREMENT AS PER IS 15622 :2017 0.08<E<3% GROUP B I b	REQUIREMENT AS PER ISO 13006:2018 ≤ 0.5% GROUP B I a	OUR VALUES	TEST METHOD
Dimension & Surface Quality				
Length & Width %	± 0.5%	± 0.6%	± 0.50%	IS 13630 Part 1 / ISO 10545-2
Thickness %	± 10.0%	± 5.0%	± 5.0%	
Straightness of Side %	± 0.50%	± 0.50%	± 0.50%	
Rectangularity %	± 0.60%	± 0.50%	± 0.50%	
Surface Flatness				
Center Curvature (%) (Max. Deviation)	± 0.75%	± 0.50%	± 0.50 %	
Edge Curvature (%) (Max. Deviation)	± 0.75%	± 0.50%	± 0.50 %	
Corner Warpage (%) (Max. Deviation)	± 0.75%	± 0.50%	± 0.50 %	
Surface Quality	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	
Physical Properties				
Water Absorption	Avg. 0.08<E<3%, Individual 3.3 max	Avg. 0.5 %, Individual 0.6% max	Avg. <0.5%	IS 13630 Part 2/ ISO 10545-3
Modulus of Rupture [N/mm²]	Avg. 30, Individual 27 min	Avg. 35, Individual 32 Min	Avg. > 35	IS 13630 Part 6/ISO 10545-4
Breaking Strength in N	1100 N	Min 1300 N	Min. 1300 N	
Moisture Expansion in mm/m	0.02	Test method available	Max 0.02	IS 13630 Part 3 / ISO-10545-10
Scratch Hardness of surface (Mohs)	Min 5	N.A	Min. 6	IS 13630 Part 13
Resistant to Abrasion of Glazed Tiles (Class I to V)	Min II	Min Class II	Gr IV	IS 13630 Part 11 /ISO 10545-7
Coefficient of Linear Thermal Expansion from Ambient Temperature to 100° C	7 X 10 $^{-6}$ K^{-1} max	Test method available	Max 6 X 10 $^{-6}$ K^{-1} max	IS 13630 Part 4/ ISO 10545-8
Thermal Shock Resistant	10 cycle Min	Required	10 cycle passed	IS 13630 Part 5/ISO-10545-9
Crazing Resistant	4 cycle @ 7.5bar min	N.A.	4 cycle passed	IS 13630 Part 9/ISO 10545-11
Impact Resistant as Co-efficient of Restitution (COR)	0.55 min	Test method available	0.55 Min	IS 13630 Part 14/ISO 10545-5
Frost Resistant	Required	Required	100 Cycle Passed	IS 13630 Part 10/ISO 10545-12
Stain & Chemical Resistant				
Stain Resistant	Not Available	Min Class 3	Class 1	IS 13630 Part 8 & ISO 10545-14
Resistant to Household Chemicals	Test method available	Min B	Min Class AA	IS 13630 Part 8 / ISO 10545-13
Resistant to Acids and Alkalis (with exception of Hydrofluoric Acid and its compounds)	Test method available	Declared Value[f]	A	

PACKAGING DETAIL FOR RESONA COLLECTION

Nominal Size (mm)	Thickness (mm)	Avg. Wt. Per Carton (Kg.)	No. of Tiles Per Carton	Coverage Area Per Carton
75x300mm	8.0	8.2	20	0.45 sq.mtr. / 4.84 sq.ft.
200x200mm	8.0	17.8	25	1.00 sq.mtr. / 10.764 sq.ft.

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