



THE NEXT BRILLIANT

move in KING *luxury.*



www.signovatile.com



BEYOND ORDINARY SURFACE EXPECTATIONS



Introduction About Signova Tiles

Signova Tiles is a leading manufacturer of high-quality ceramic tiles in the worldwide ceramic market. With over 25 years of experience, Signova Tiles has established itself as a leading name in the global ceramic tile industry.

We have spent 25 years bringing together creative design and quality to provide value, elegance, and exceptional customer service.

Customers are the cornerstone of our business, and we are dedicated to staying at the forefront of product innovation.

Combining innovative design, excellent quality, and cutting-edge technology, Signova transforms ordinary spaces into works of art, reflecting luxury, durability, and style.



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Introduction Our Product

Designed to offer a blend of aesthetic elegance and superior functionality, it has a smooth surface that incorporates a "carving" effect.

This carving process involves the detailed engraving of patterns and textures onto the tile, which creates a three-dimensional effect that adds depth and character to the space.

The effect is a beautiful interplay of light and shadow, elevating the space with an exquisite charm where beauty and durability unite.

**Exploring
the edges of art**

Glossy collection

This collection features various designs in random-pattern and end-match layouts. The tiles are styled to mimic natural stone finishes such as marble or speckled granite, giving interiors a sleek, modern look.

They are displayed in the living room, outdoor, bathroom, and dining settings, highlighting their versatility for flooring and wall applications.



RESISTANT
TO UV



RESISTANT TO
IMPACT



HIGH PHYSICAL
STRENGTH



LOW WATER
ABSORPTION



RESISTANT TO
ACID AND ALKALI



RESISTANT TO
CHEMICALS



RESISTANT TO
SCRATCHES



RESISTANT TO
STAINING



RESISTANT TO
FIRE AND HEAT



DIMENSIONAL
STABILITY



RESISTANT TO
FROST

Alexa **Grey**



Random 1

End Match

Alexa **Beige**



Random 1

End Match



Alexa **Grey**



Apex **Grey**

Apex **Snow**



Random 4

End Match

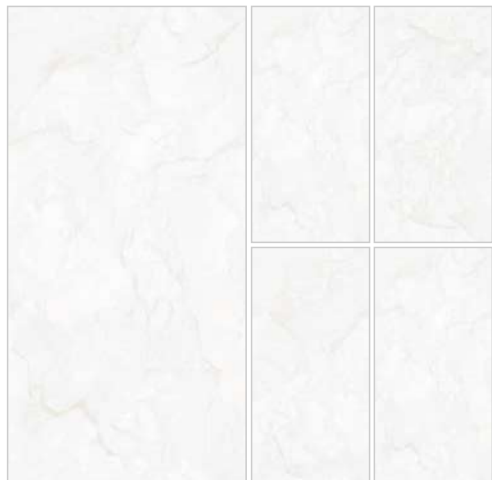
Apex **Grey**



Random 4

End Match

Aquila **Pearl**



Random 3

End Match

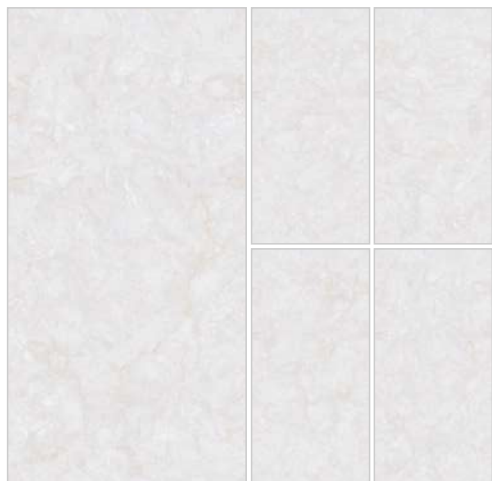
Butterfly



Random 3

End Match

Aspee **Roso**



Random 4

End Match

Aspee **Grey**

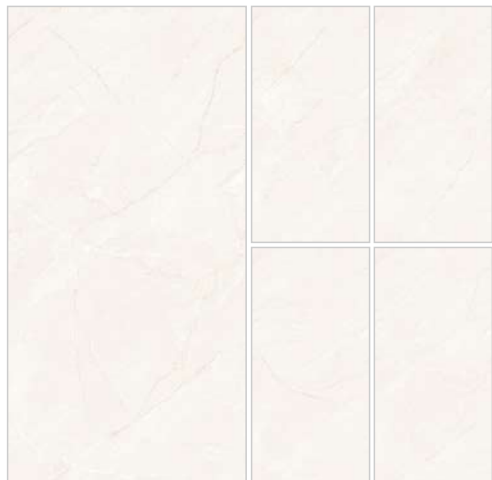


Random 4

End Match



Denim **Beige**



Random 4

End Match

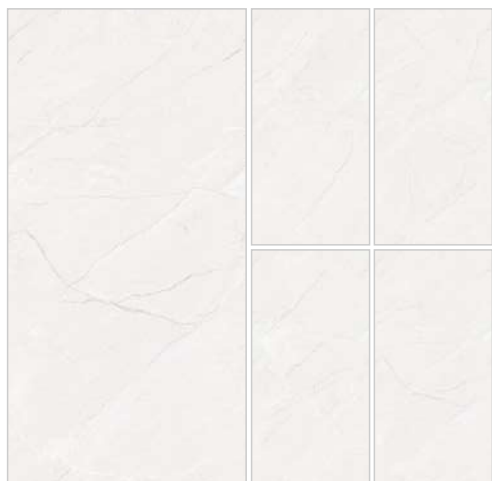
Denim **Brown**



Random 4

End Match

Denim **Snow**



Random 4

End Match

Denim **Grey**



Random 4

End Match



Denim **Brown**

Emerald **Almond**



Random 4

End Match

Emerald **Grey**



Random 4

End Match



Emerald **Almond**



GLS Ancient **Steel & Pearl**

GLS Ancient **Pearl**



Random 4

End Match

GLS Ancient **Steel**



Random 4

End Match

Gemera **Navy**



Random 4

End Match

Gemera **Sky**



Random 4

End Match

Gemera **Smoke**



Random 4

End Match

Gemera **Wine**



Random 4

End Match



Gemera **Wine & Smoke**

GLS Bronzetto **Ice**



Random 4

End Match

GLS Bronzetto **Sky**



Random 4

End Match



Bronzetto **Sky**



GLS Satvario **Extreme**

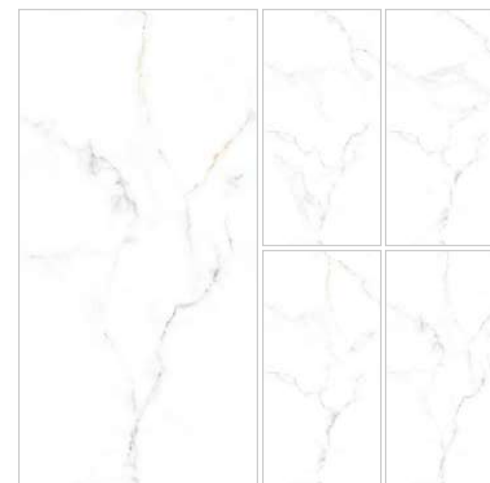
GLS Satvario **Extreme**



Random 4

End Match

GLS Satvario **Linken**



Random 4

End Match

GLS Macau **Crema**



Random 3

End Match

GLS Pearl **White**



Random 3

End Match

GLS **Rubycon**



Random 4

End Match



GLS Pearl **White**



GLS Macau **Crema**

Imara **Grey**



Random 4

End Match

Imara **Mashroom**



Random 4

End Match

Imara **Pearl**



Random 4

End Match



Imara **Pearl**



Imara **Grey**

Onyx **Ocean**



Random 4

End Match

Onyx **Pearl**



Random 5

End Match



Onyx **Ocean**



Perlato **Navy & Sky**

Perlato **Navy**



Random 4

End Match

Perlato **Sky**



Random 4

End Match

Satvario **Carrara**



Random 4

End Match

Satvario **Lecco**



Random 4

End Match

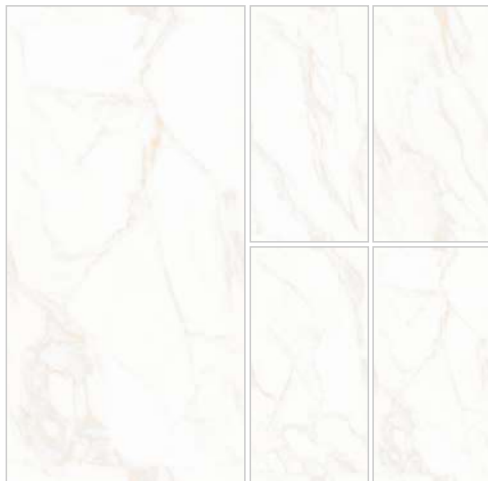
Satvario **Sevilla**



Random 4

End Match

Satvario **Windy**



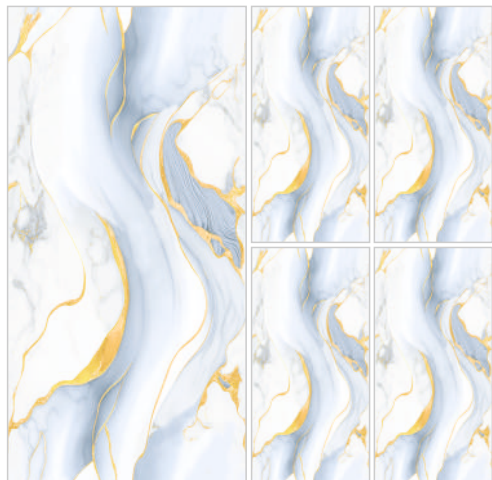
Random 4

End Match



Satvario **Sevilla**

Picasso **Ampala**



Random 1

End Match

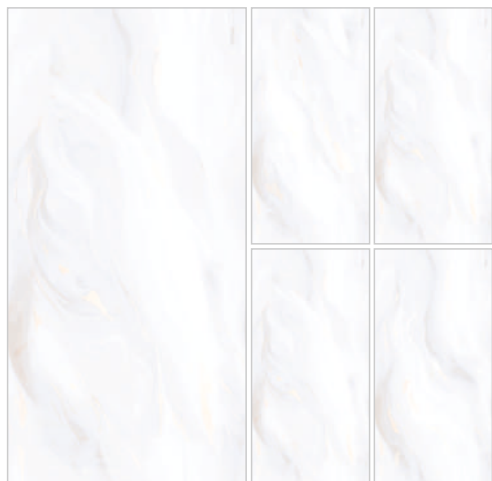
Picasso **Glanza**



Random 1

End Match

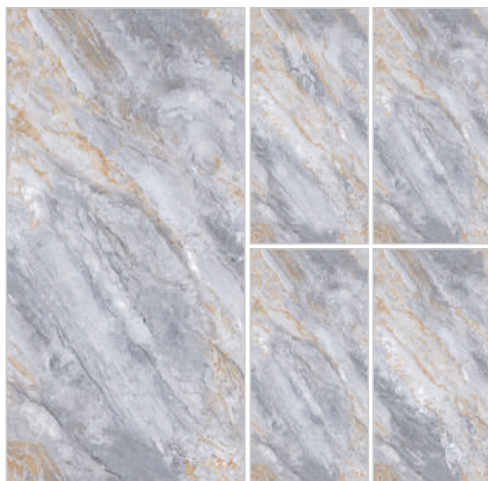
Picasso **Sky**



Random 3

End Match

Trayam **Blue**



Random 3

End Match



Valancia **Brown**



Random 4

End Match

Valancia **Mashroom**



Random 4

End Match

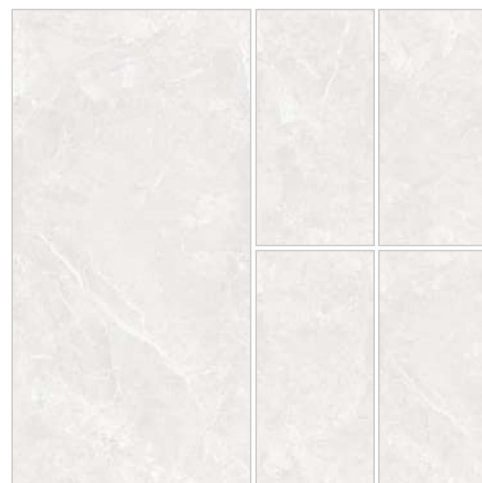


Valancia **Brown & Mashroom**



Valancia **Wenge & Snow**

Valancia **Snow**



Random 4

End Match

Valancia **Wenge**



Random 4

End Match

Glossy
collection

Size
600x1200mm

Glossy
End Match



Glossy
collection

Size
600x1200mm

Glossy
End Match



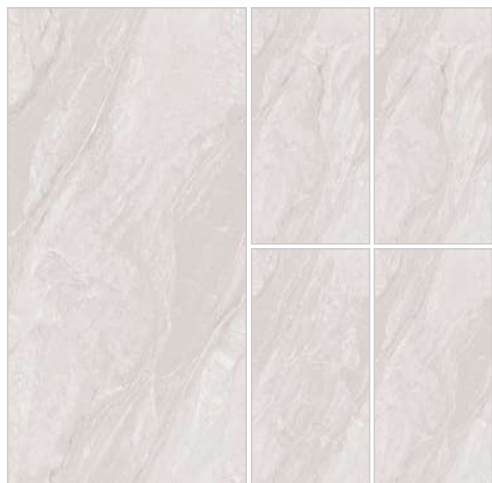
Sunshine **Walnut**



Random 4

End Match

Vatican **Grey**



Random 3

End Match



Sunshine **Walnut**

Dynamic **Steel**



Random 3

GLS Arizona **Grey**



Random 4

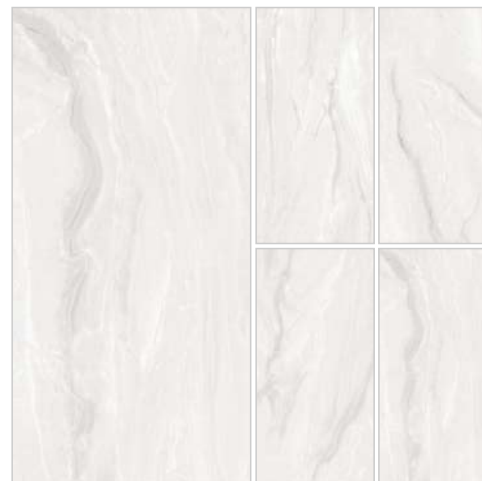


Dynamic **Steel**



GLS Fossil **Pearl**

GLS Blanco **Grey**



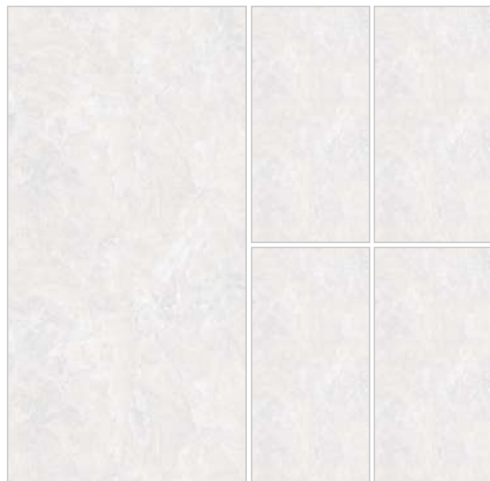
Random 4

GLS Fossil **Pearl**



Random 1

GLS Florence **White**

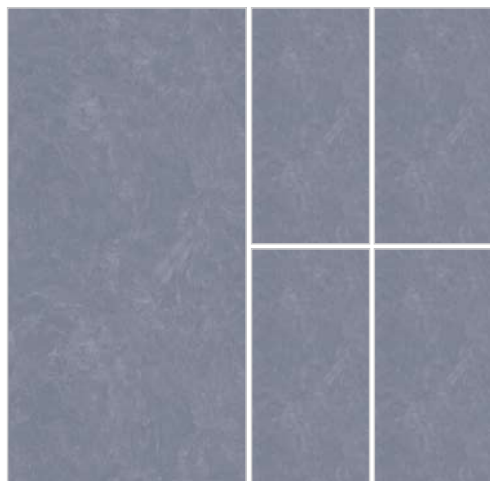


Random 1



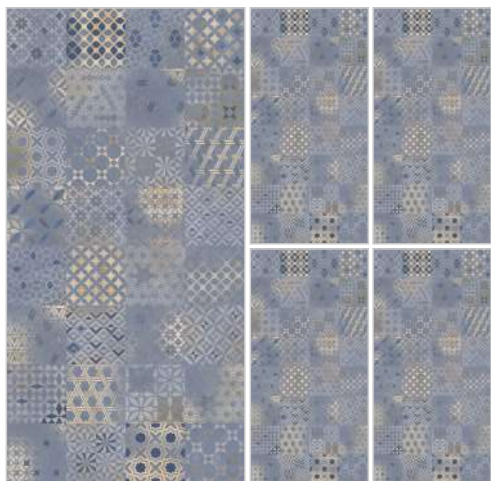
GLS Florence **White**

GLS Florence **Navy**



Random 1

GLS Florence **Navy HL-1**



Random 1



GLS Florence **Navy** | GLS Florence **Navy HL-1**

GLS Macau **Beige**

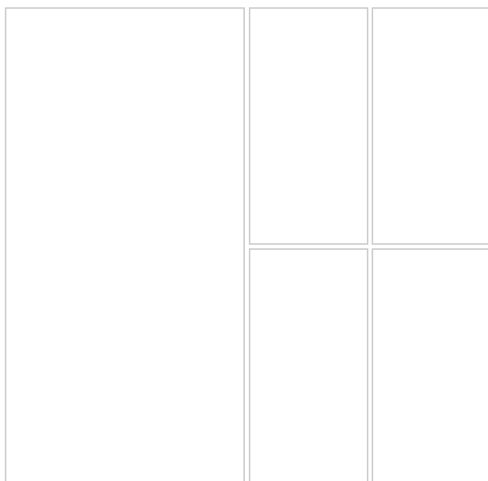


Random 2



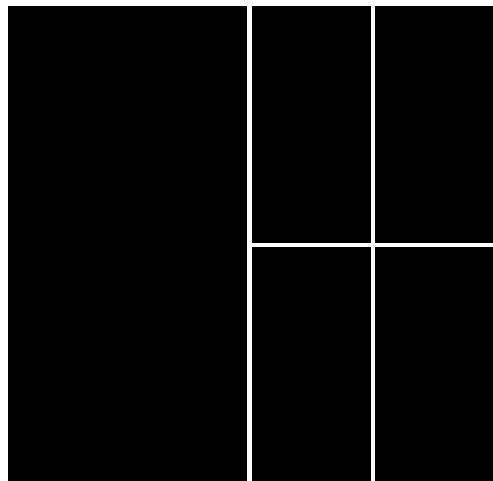
GLS Phantom **Mashroom**

GLS Plain **White**



Random 1

GLS Super **Black**



Random 1

GLS Phantom **Ice**



Random 3

GLS Phantom **Mashroom**



Random 3

GLS Satvario **Airo**



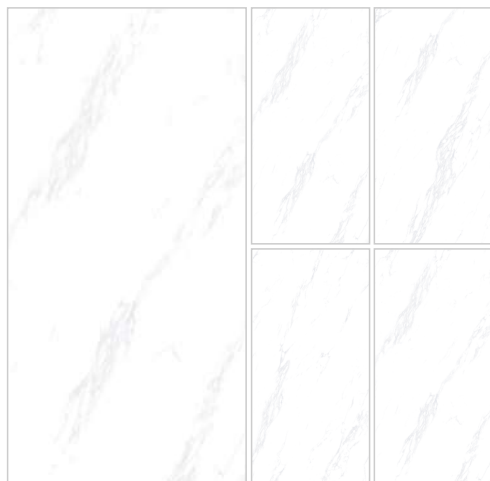
Random 4

GLS Satvario **Lime**



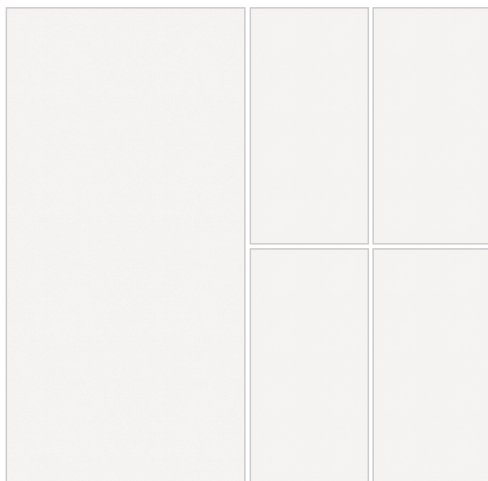
Random 3

GLS Satvario **Sky**



Random 3

GLS Sico **Grey**

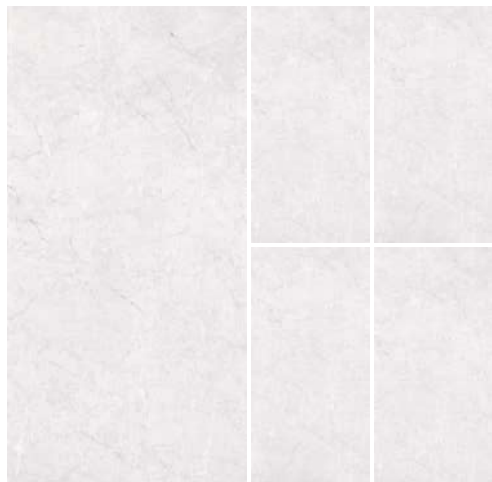


Random 1



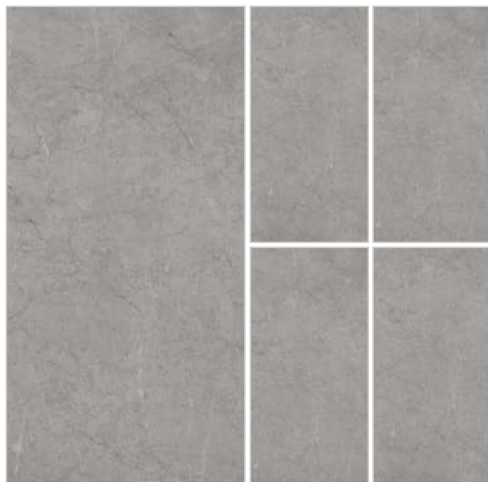
GLS Satvario **Airo**

GLS Quick **Grey**



Random 2

GLS Quick **Silver**



Random 2

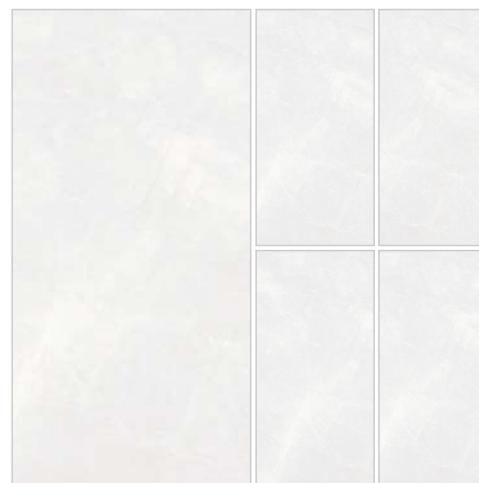


GLS Quick **Grey**



GLS Spyder **Pearl**

GLS Spyder **Pearl**



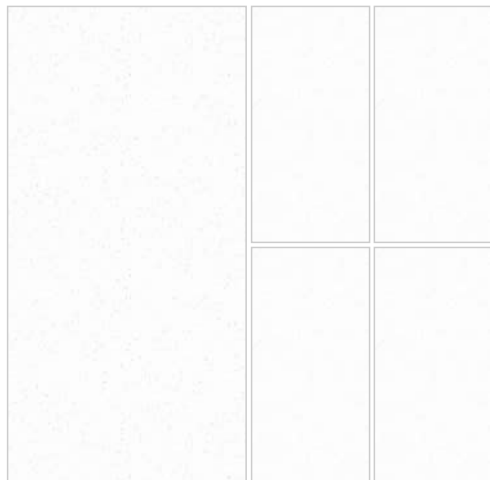
Random 3

GLS Spyder **Silver**



Random 4

GLS Teraazo **White**



Random 1

Palma **Mustard**



Random 4

Marico **Cyan**



Random 5

Marico **Teal**



Random 5



Mentos **Pista**



Random 3

Mentos **Green**



Random 3



Mentos **Green**



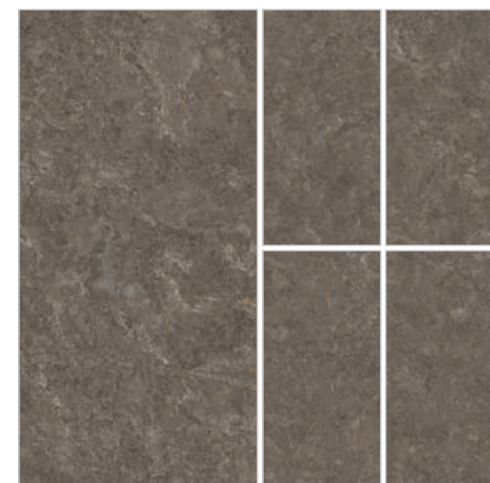
Nivana **Grey** | Nivana **Dove**

Nivana **Grey**



Random 5

Nivana **Dove**



Random 5

Glossy
collection

Size
600x1200mm

Glossy
End Match



Glossy
collection

Size
600x1200mm

Glossy
End Match

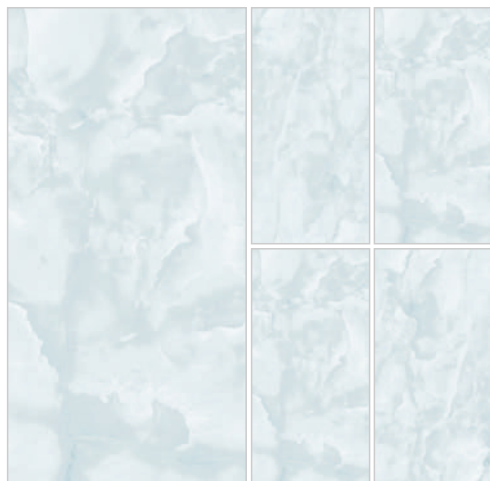


Onixon **White**



Random 3

Onixon **Aqua**



Random 3



Onixon **Aqua**

Picasso **Alaska**



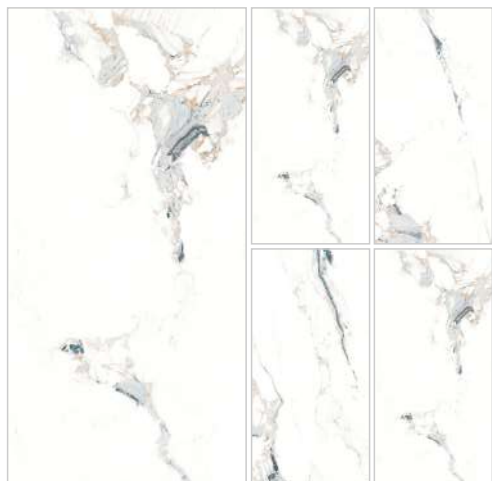
Random 4

Picasso **Antique**



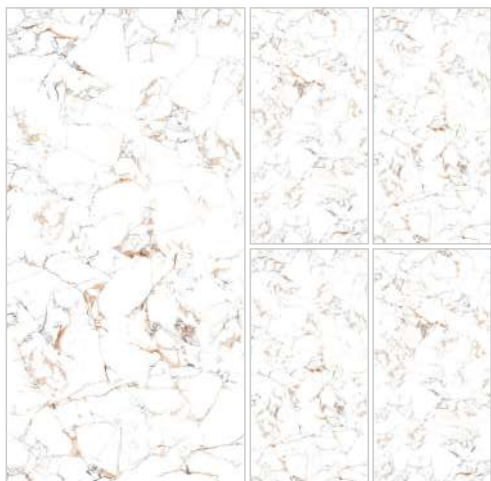
Random 2

Picasso **Celeste**



Random 3

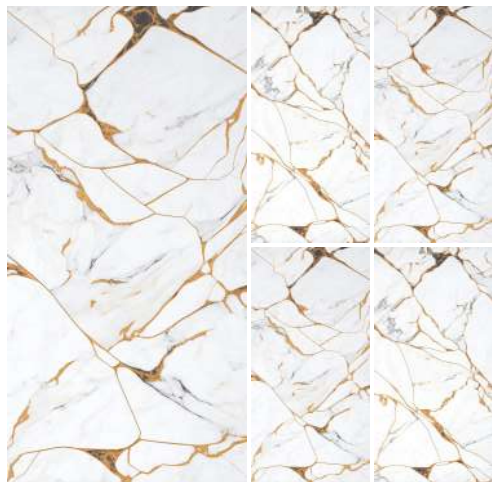
Picasso **Gold**



Random 2



Picasso **Antique**

Picaso **Maryland**

Random 2

Picaso **Monaco**

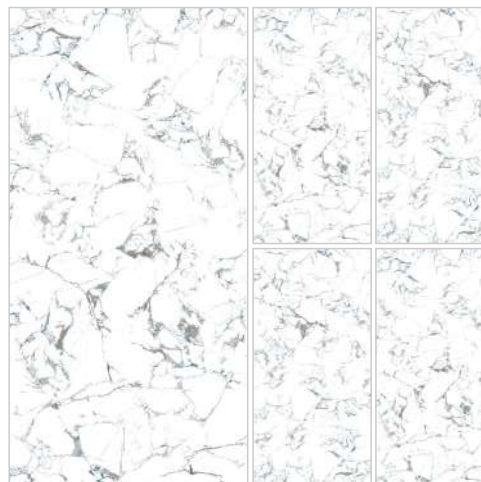
Random 5

Picaso **Neon**

Random 6

Picaso **Ocean**

Random 2

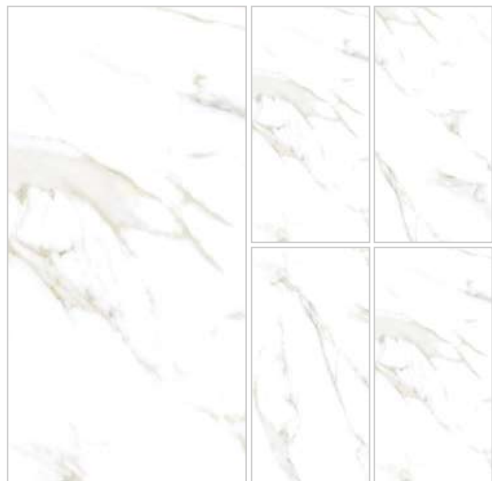
Picaso **Neon**Picaso **Thunder**

Random 2

Picaso **White**

Random 2

Satvario **Arezo**



Random 3

Satvario **Cadiz**



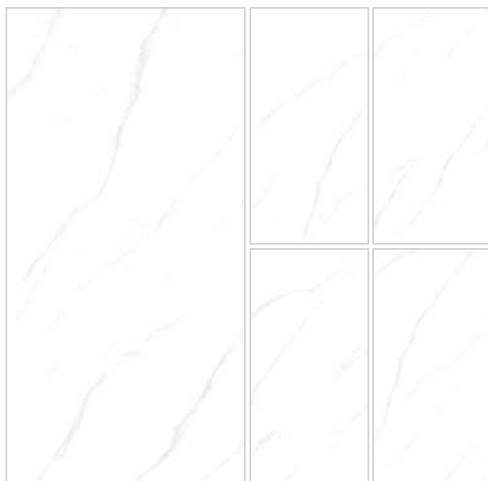
Random 6

Satvario **Max**



Random 4

Satvario **Siena**

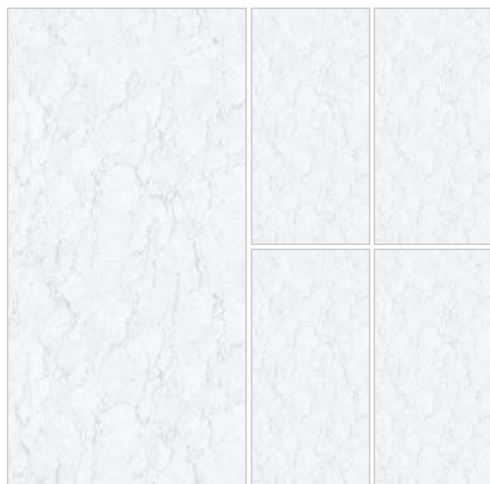


Random 5



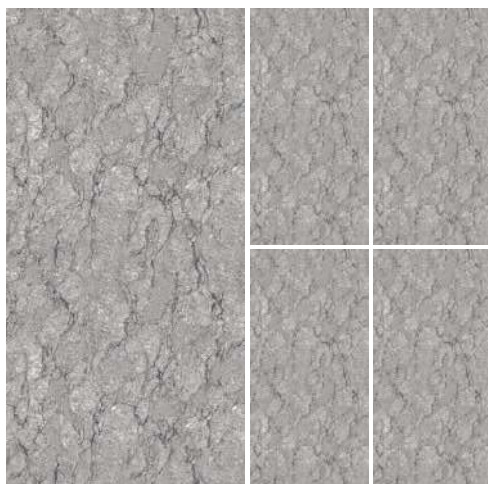
Satvario **Cadiz**

Torent **White**



Random 1

Torent **Nero**



Random 1

Sicilia **Black**



Random 3



Venezia **Grey**



Random 4

Venezia **Slate**



Random 4

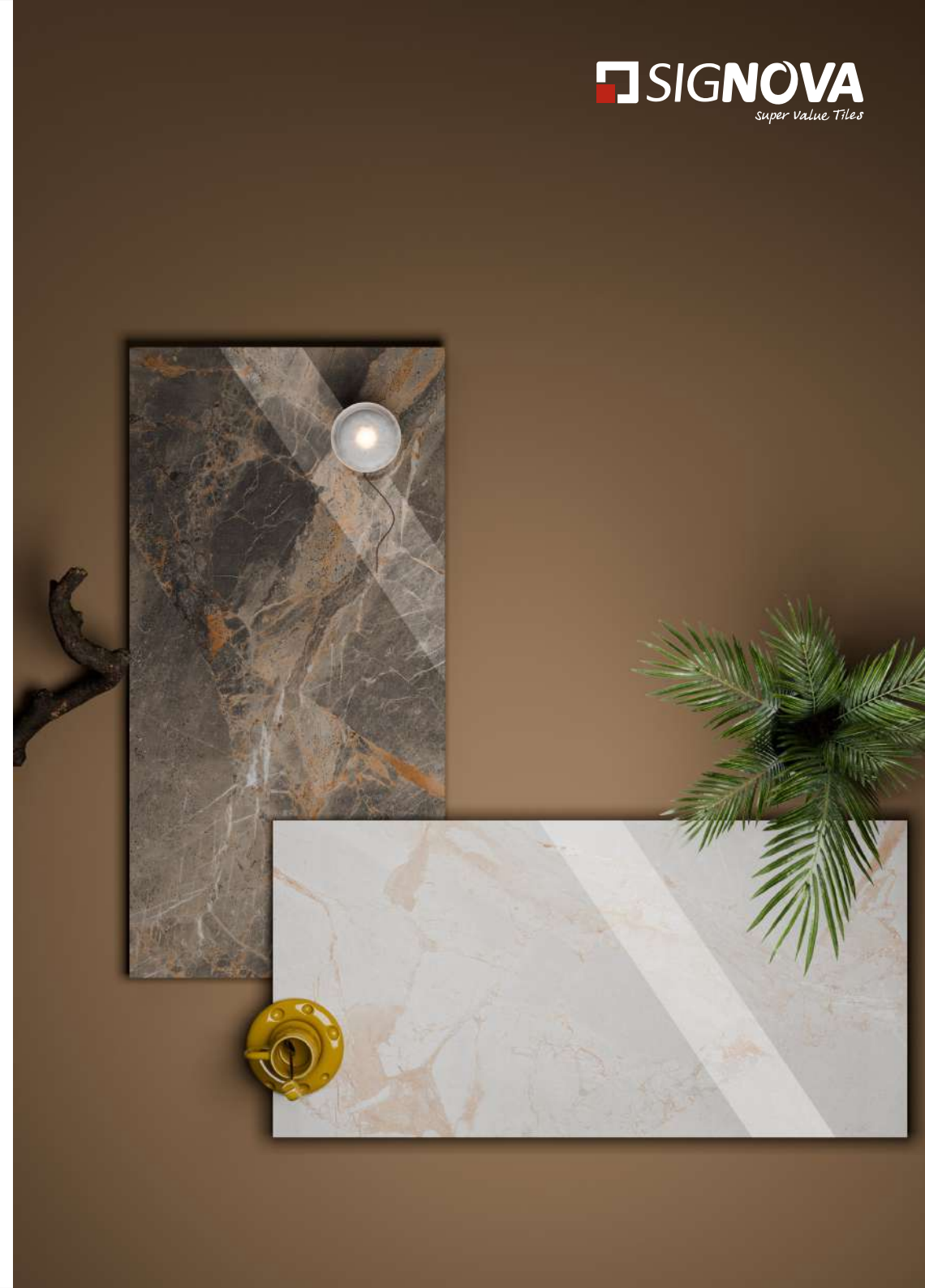
TECHNICAL DETAIL

CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 Gr.BIa	STANDARD AS PER IS 15622:2017 Gr.BIa	METHOD OF TESTING	MEAN VALUE OF SIGNOVA TILES
Regulatory Properties				
Deviation in Length and Width	±0.30 % (±1.00 mm)	±0.10 %	ISO 10545-2/IS 13630-1	± 0.10 %
Deviation in Thickness	±5.0 % (± 0.50 mm)	±5.0 %	ISO 10545-2/IS 13630-1	± 5.0 %
Straightness in Side	±0.30 % (± 0.80 mm)	±0.10 %	ISO 10545-2/IS 13630-1	± 0.10 %
Rectangularity	±0.30 % (±1.50 mm)	±0.10%	ISO 10545-2/IS 13630-1	± 0.10 %
Surface Flatness Central Curvature	±0.40 % (± 1.80 mm)	±0.50 %	ISO 10545-2/IS 13630-1	± 0.20 %
Surface Flatness Edge Curvature	±0.40 % (± 1.80 mm)	±0.50 %	ISO 10545-2/IS 13630-1	± 0.20 %
Surface Flatness Warpage	±0.40 % (± 1.80 mm)	±0.50 %	ISO 10545-2/IS 13630-1	± 0.10 %
Surface Quality	>95% defects free	>95% defects free	ISO 10545-2/IS 13630-1	>95% defects free
Small Color Difference (For Plain Colour)	ΔE <1.00	N.A.	ISO 10545-16	ΔE <0.80
Glossiness (Satin/Posh)	As per Manufacturer	As per Manufacturer	Gloss Meter 60°	15 ≤ Gloss Value ≤ 25
Glossiness (Matt/CRV)	As per Manufacturer	As per Manufacturer	Gloss Meter 60°	7 ≤ Gloss Value ≤18
Glossiness @ Value)##	As per Manufacturer	As per Manufacturer	Gloss Meter 60°	≤ 7
Structural Properties				
Water Absorption	≤0.50 %	≤0.080 %	ISO 10545-3/IS 13630-2	≤0.080 %
Bulk Density	As per Manufacturer	Min 2.20 g/cc	ISO 10545-3/IS 13630-2	> 2.28 gm/cc
Massive Mechanical Properties				
Modulus of Rupture	Min. 35.0 N/mm²	Min. 35.0 N/mm²	ISO 10545-4/IS 13630-6	Min. 37.0 N/mm²
Breaking Strength Thickness ≥7.5 mm	Min 1300.0 N	Min 1300.0 N	ISO 10545-4/IS 13630-6	Min 1500.0 N
Surface Mechanical Properties				
MOH'S Hardness #	As per Manufacturer	Min. 5	BS EN 15771/IS 13630-13	Satin, Posh & Matt, CRV Min 6
Surface Abrasion Resistance #	As per Manufacturer	Min. Class II	ISO 10545-7/IS 13630-11	Satin, Posh & Matt, CRV Min III
Thermal Hygrometric Properties				
Moisture Expansion	Max 0.06% (0.6 mm/m)	Max 0.02 mm/m	ISO 10545-10/IS 13630-3	Max 0.02 mm/m
Thermal Expansion(COE) at 100°C	As per Manufacturer	Max. 6.0 x 10-6	ISO 10545-8/IS 13630-4	Max. 6.0 x 10-6
Thermal Shock Resistance	Min 10 Cycle	Min 10 Cycle	ISO 10545-9/IS 13630-5	Min 10 Cycle
Impact Resistance(COR) #	Min. 0.55	Min 0.55	ISO 10545-5/IS 13630-14	Min 0.55
Frost Resistance	As per Manufacturer	As per Manufacturer	ISO 10545-12/IS 13630-10	Frost Proof
Crazing Resistance at 7.5 bar	4 Cycle	4 Cycle	ISO 10545-11/IS 13630-9	4 Cycle
Chemical Properties				
Resistance to Staining Glazed	Min. Class 3	Min Class 1	ISO 10545-14/IS 13630-8	Min. Class 4/ Min. Class 1
Resistance to Household Chemicals & Swimming Pool Salts Glazed	Min Class GB	Min Class AA	ISO 10545-13/IS 13630-8	Min Class GB/Min Class AA
Resistance to Low Concentrate Acid and Alkalies Glazed	As per Manufacturer	As per Manufacturer	ISO-10545-13/IS 13630-8	Min Class GLB*** / Min Class A***
Resistance to High Concentrate Acid and Alkalies Glazed	As per Manufacturer	As per Manufacturer	ISO-10545-13/IS 13630-7	Min Class GHB*** / Min Class A***
Safety Properties				
Skid Resistance -(DCOF-WET PENDULUM)##	As per Manufacturer	As per Manufacturer	BS 7976-2	Satin, Posh ≥P1 Matt/CRV ≥P2
Slip Resistance -Satin/Posh/ Matt/CRV (DCOF- R Value) ##	As per Manufacturer	As per Manufacturer	DIN 51130	R9 to R13
Lead and Cadmium release	As per Manufacturer	N.A.	ISO-10545-15	Does not yield Pb &Cd

* Whichever is Lower
 ** With nano technology (Polished Vitrified tiles) Depending on Application area (low or high intensity of traffic)
 *** Except Hydrofluoric Acid & it's compound
 # Tiles Intended for use on floor
 ## For Floor tiles, as per customer requirement

PACKING DETAIL

SIZE	TILE / BOX	COVERAGE AREA / BOX	WEIGHT
600x1200mm	2pcs	15.5 sq.feet	28 Kgs Note: Above All Sizes are in mm +/- 0.500 gms approx





AIRONA TILES LTD.

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