Natural Store Catalogue 2024 - 2025



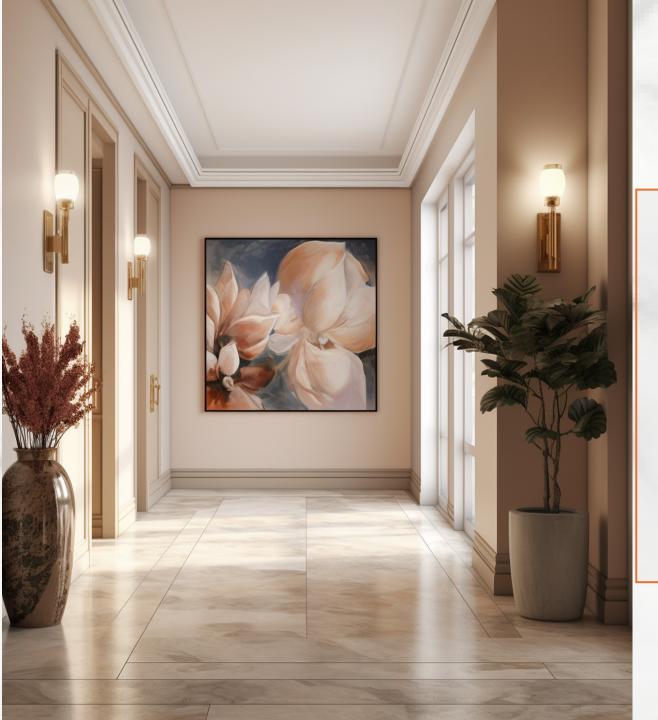




ISO 9001:2015 CERTIFIED QUALITY MANAGEMENT SYSTEM 970424A

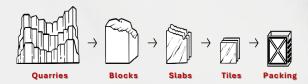
ISO 14001:2015 CERTIFIED ENVIRONMENTAL MANAGEMENT SYSTEM 970424B





THE MATERIALS

The process of transforming stone from quarries into cut-to-size slabs involves several steps that require precision and expertise. Quarrying is the first step, where the stone is extracted from the earth using specialized equipment. The blocks of stone are then cut into large, uniform slabs using large saws. Depending on the type of stone, treatment may be applied to improve its strength and durability. Next, the slabs undergo surface finishing through a series of machines to achieve the desired finish. Quality control is conducted to ensure that the slabs meet the required standards for size, thickness, and appearance. Once the slabs are finished, they are cut into the desired sizes and shapes using specialized machinery. Finally, the cut-to-size pieces are finished with a final surface treatment before being packaged and shipped to their final destination. Each step of the process requires specialized knowledge and equipment, resulting in a high-





THE QUARRIES

UNEARTHING TIMELESS BEAUTY WITH EVERY CUT

Egyptian marble quarries are among the most highly regarded in the world, known for producing some of the finest quality marble available. From the prized Galala and Sinai pearl to the striking Rosso Lepanto and Sunny Gold, Egyptian marble comes in a range of colors and patterns that make it highly sought after for a variety of applications. The country's quarries are equipped with advanced technology and machinery to ensure that only the highest quality materials are extracted and processed. Egyptian marble is prized for its durability, resistance to weathering, and unique character, with each piece displaying its distinct patterns and color variations. The marble quarries of Egypt have been a source of pride for the country for thousands of years, and continue to be a major contributor to the global stone industry today.



Product Name: Galala

Category: Egyptian Marble

Exterior / Interior



Galala Marble is a luxurious and timeless Egyptian marble known for its unique blend of creamy beige and light grey tones. Quarried in the Sinai Peninsula, Galala Marble is a high-quality and durable natural stone that has been used for centuries in prestigious architectural projects around the world.

Recommended Usage

Walls and floors applications, Marble Counter tops, mosaics of Marble, Marble fountains, pool and wall capping, Marble stairs, windows, Marble Fireplaces, Marble Floors, Marble Flooring, Interiors and Exteriors **Available Sizes**

Our factory can produce different sizes tiles and different thicknesses as 1cm, 1.2cm, 1.5cm, 2cm, 3cm regarding to your projects requirements. Common slabs thicknesses are 2cm and 3cm.

Common imperial sizes are: (Inch)

12×12, 12×18, 12×24, 16×16, 16×24, 18×18, 24×24, 24×36, 32×32, 36×36, 40x40

Common metric sizes are: (cm)

30×60, 40×40, 40×60, 40×80, 60×60, 60×90, 80×80, 90×90, 100×100

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Quarries

Blocks Slabs

Packing

APPLICATIONS









Exterior Facade

Hardscape

Interior

Window Headers

Tiles

Technical Data:			
Compressive Strength	(ASTM C 170)	20 200 psi	
Flexural Strength	(ASTM C 880)	2 300 psi	
Abrasion Resistance	(ASTM C 241/ C 1353)	33.9 Ha	
Density	(ASTM C 97)	2 662	
Water Absorption	(ASTM C 97)	0.05%	
Modulus of Rupture	(ASTM C 99)	2 000 psi	



Product Name: Galala Extra

Category: Egyptian Marble

Exterior / Interior



Galala Extra marble is a luxurious natural stone that is renowned for its exquisite beauty and timeless elegance. Quarried from the finest sources in Egypt, this marble features a stunning white background that is accented with delicate beige and gray veining, giving it a unique and sophisticated appearance. With its polished finish and smooth surface

Recommended Usage

Walls and floors applications, Marble Counter tops, mosaics of Marble, Marble fountains, pool and wall capping, Marble stairs, windows, Marble Fireplaces, Marble Floors, Marble Flooring, Interiors and Exteriors **Available Sizes**

Our factory can produce different sizes tiles and different thicknesses as 1cm, 1.2cm, 1.5cm, 2cm, 3cm regarding to your projects requirements. Common slabs thicknesses are 2cm and 3cm.

Common imperial sizes are: (Inch)

12×12, 12×18, 12×24, 16×16, 16×24, 18×18, 24×24, 24×36, 32×32, 36×36, 40x40

Common metric sizes are: (cm)

Hardscape

30×60, 40×40, 40×60, 40×80, 60×60, 60×90, 80×80, 90×90, 100×100



APPLICATIONS







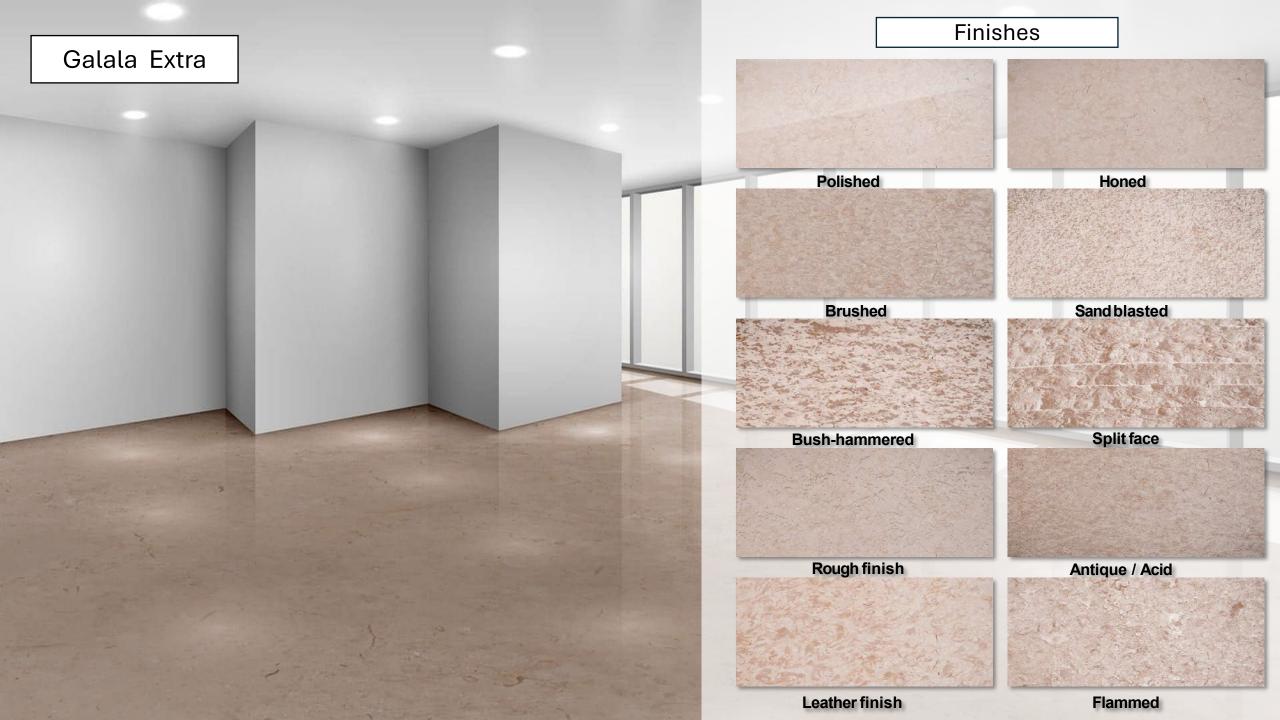
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Exterior Facade

Interior

Window Headers

Technical Data:			
Compressive Strength	(ASTM C 170)	20 200 psi	
Flexural Strength	(ASTM C 880)	2 300 psi	
Abrasion Resistance	(ASTM C 241/ C 1353)	33.9 Ha	
Density	(ASTM C 97)	2 662	
Water Absorption	(ASTM C 97)	0.05%	
Modulus of Rupture	(ASTM C 99)	2 000 psi	



Product Name: Sunny Dark

Category: Egyptian Marble

Exterior / Interior

Sunny Dark Egyptian Marble is a stunning natural stone that exudes an air of luxury and sophistication. Its warm, earthy tones are complemented by intricate veining, creating a sense of depth and texture. As a durable and versatile material.

Recommended Usage

Walls and floors applications, Marble Counter tops, mosaics of Marble, Marble fountains, pool and wall capping, Marble stairs, windows, Marble Fireplaces, Marble Floors, Marble Flooring, Interiors and Exteriors **Available Sizes**

Our factory can produce different sizes tiles and different thicknesses as 1cm, 1.2cm, 1.5cm, 2cm, 3cm regarding to your projects requirements. Common slabs thicknesses are 2cm and 3cm.

Common imperial sizes are: (Inch)

12×12, 12×18, 12×24, 16×16, 16×24, 18×18, 24×24, 24×36, 32×32, 36×36, 40x40

Common metric sizes are: (cm)

30×60, 40×40, 40×60, 40×80, 60×60, 60×90, 80×80, 90×90, 100×100



Quarries

Blocks Slabs

Packing

APPLICATIONS





Interior



Exterior Facade

Hardscape

Window Headers

Technical Data:			
Compressive Strength	(ASTM C 170)	20 200 psi	
Flexural Strength	(ASTM C 880)	2 300 psi	
Abrasion Resistance	(ASTM C 241/ C 1353)	33.9 Ha	
Density	(ASTM C 97)	2 662	
Water Absorption	(ASTM C 97)	0.05%	
Modulus of Rupture	(ASTM C 99)	2 000 psi	



Product Name: Fantazia Sunny

Category: Egyptian Marble

Exterior / Interior

Fantazia Sunny Marble is a premium Egyptian marble that is highly sought after in the global market for its unique and luxurious appearance. With its warm beige background and intricate veins of gold.

Recommended Usage

Walls and floors applications, Marble Counter tops, mosaics of Marble, Marble fountains, pool and wall capping, Marble stairs, windows, Marble Fireplaces, Marble Floors, Marble Flooring, Interiors and Exteriors **Available Sizes**

Our factory can produce different sizes tiles and different thicknesses as 1cm, 1.2cm, 1.5cm, 2cm, 3cm regarding to your projects requirements. Common slabs thicknesses are 2cm and 3cm.

Common imperial sizes are: (Inch)

12×12, 12×18, 12×24, 16×16, 16×24, 18×18, 24×24, 24×36, 32×32, 36×36, 40x40

Common metric sizes are: (cm)

30×60, 40×40, 40×60, 40×80, 60×60, 60×90, 80×80, 90×90, 100×100



Quarries

Blocks Slabs

Packing

Tiles

Window

Headers

APPLICATIONS





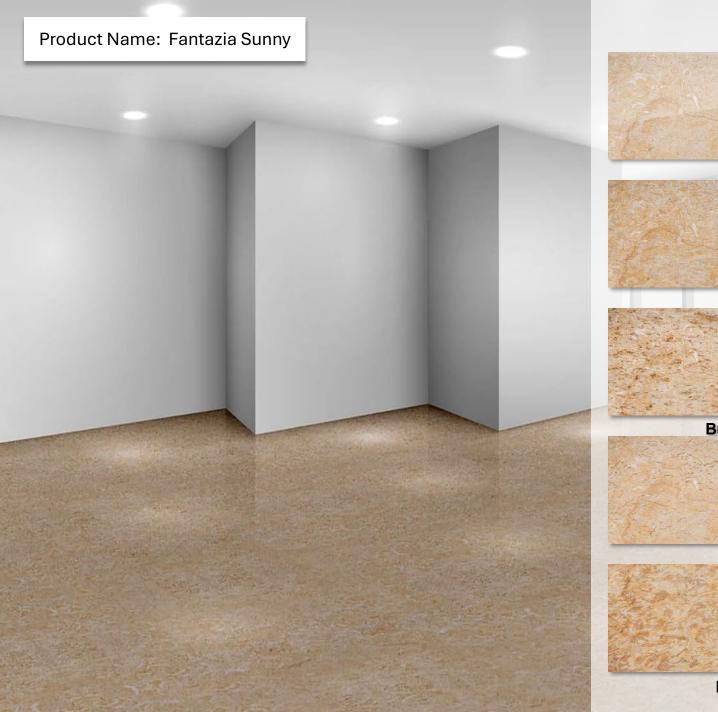


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Exterior Hardscape Facade

Interior

Technical Data:		
Compressive Strength	(ASTM C 170)	20 200 psi
Flexural Strength	(ASTM C 880)	2 300 psi
Abrasion Resistance	(ASTM C 241/ C 1353)	33.9 Ha
Density	(ASTM C 97)	2 662
Water Absorption	(ASTM C 97)	0.05%
Modulus of Rupture	(ASTM C 99)	2 000 psi



Finishes



Leather finish

Flammed

Product Name: Fantazia Sylvia

Category: Egyptian Marble

Exterior / Interior

Fantazia Sylvia marble is a unique natural stone that offers a beautiful blend of earthy tones and intricate veining patterns. Quarried in Egypt, this marble is characterized by its warm beige base with bold streaks of brown and grey, a versatile and timeless choice that is sure to impress.

Recommended Usage

Walls and floors applications, Marble Counter tops, mosaics of Marble, Marble fountains, pool and wall capping, Marble stairs, windows, Marble Fireplaces, Marble Floors, Marble Flooring, Interiors and Exteriors **Available Sizes**

Our factory can produce different sizes tiles and different thicknesses as 1cm, 1.2cm, 1.5cm, 2cm, 3cm regarding to your projects requirements. Common slabs thicknesses are 2cm and 3cm.

Common imperial sizes are: (Inch)

12×12, 12×18, 12×24, 16×16, 16×24, 18×18, 24×24, 24×36, 32×32, 36×36, 40x40

Common metric sizes are: (cm)

30×60, 40×40, 40×60, 40×80, 60×60, 60×90, 80×80, 90×90, 100×100



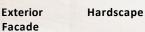


Blocks Slabs

Packing

APPLICATIONS





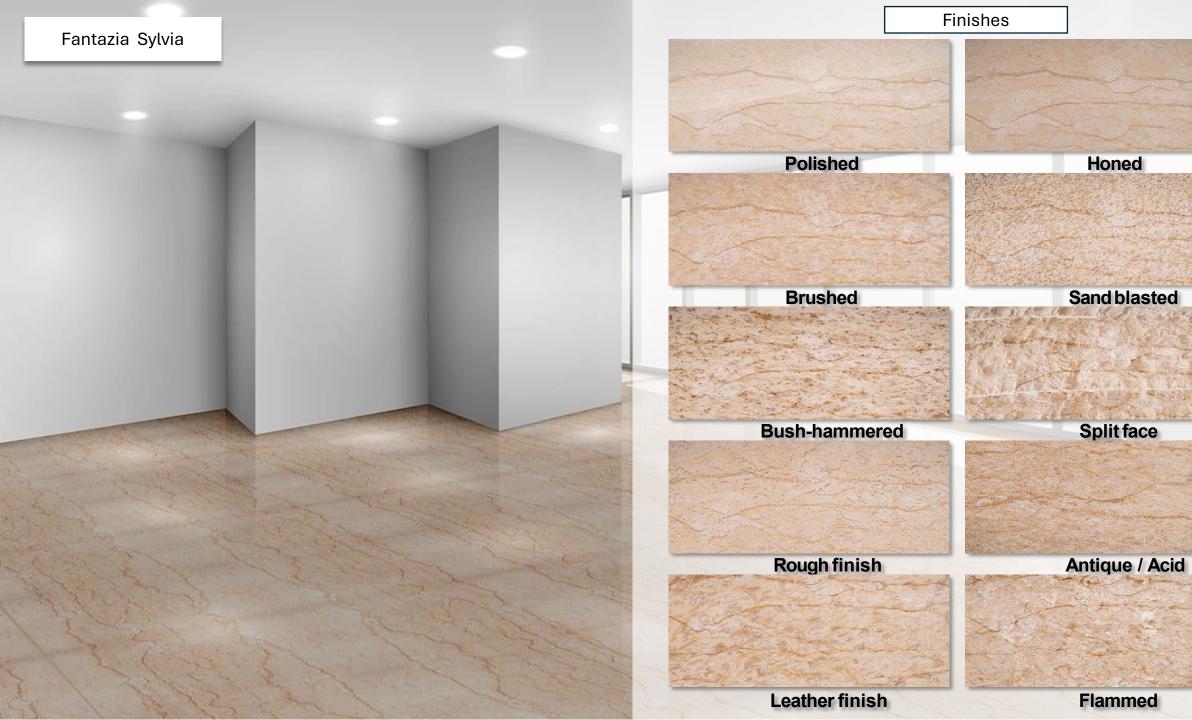
Interior

Window Headers

Tiles

Technical Data:			
Compressive Strength	(ASTM C 170)	20 200 psi	
Flexural Strength	(ASTM C 880)	2 300 psi	
Abrasion Resistance	(ASTM C 241/ C 1353)	33.9 Ha	
Density	(ASTM C 97)	2 662	
Water Absorption	(ASTM C 97)	0.05%	
Modulus of Rupture	(ASTM C 99)	2 000 psi	





Product Name: Katrina

Category: Egyptian Marble

Exterior / Interior

Katrina Egyptian Marble embodies timeless elegance and exquisite beauty, making it a coveted choice in the world of natural stone. Quarried from the finest sources in Egypt, is adorned with delicate veining that gracefully meanders across its surface. With its polished finish, Katrina Marble exudes a luxurious aura, adding a touch of sophistication to any space it graces. Renowned for its durability and resistance to wear, this marble is suitable for a myriad of applications. Each piece of Katrina Marble tells a unique story, showcasing the natural variations that make it truly oneof-a-kind.

Recommended Usage

Walls and floors applications, Marble Counter tops, mosaics of Marble, Marble fountains, pool and wall capping, Marble stairs, windows, Marble Fireplaces, Marble Floors, Marble Flooring, Interiors and Exteriors **Available Sizes**

Our factory can produce different sizes tiles and different thicknesses as 1cm, 1.2cm, 1.5cm, 2cm, 3cm regarding to your projects requirements. Common slabs thicknesses are 2cm and 3cm.

Common imperial sizes are: (Inch)

12×12, 12×18, 12×24, 16×16, 16×24, 18×18, 24×24, 24×36, 32×32, 36×36, 40×40

Common metric sizes are: (cm)

30×60, 40×40, 40×60, 40×80, 60×60, 60×90, 80×80, 90×90, 100×100



Quarries

Blocks Slabs

Tiles

Packing

APPLICATIONS

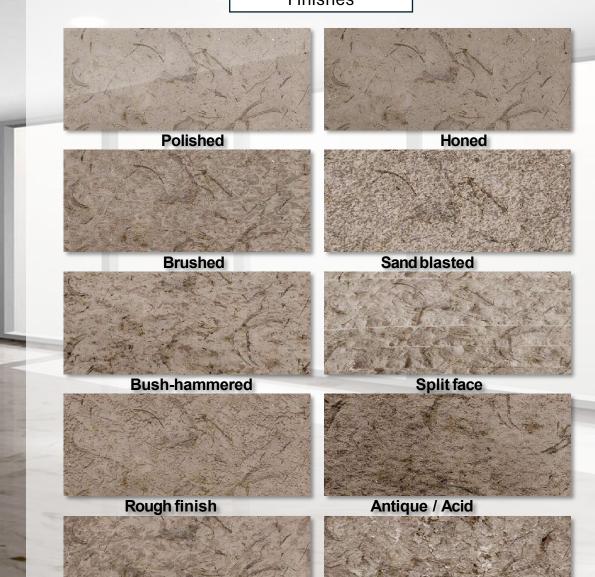




Interior Window Headers Pavement

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Technical Data:			
Compressive Strength	(ASTM C 170)	20 200 psi	
Flexural Strength	(ASTM C 880)	2 300 psi	
Abrasion Resistance	(ASTM C 241/ C 1353)	33.9 Ha	
Density	(ASTM C 97)	2 662	
Water Absorption	(ASTM C 97)	0.05%	
Modulus of Rupture	(ASTM C 99)	2 000 psi	



Leather finish

Flammed

Product Name: Triesta Beige

Category: Egyptian Marble

Exterior / Interior

Triesta Beige is a luxurious Egyptian marble that is prized for its distinctive beauty and quality. It features a light beige base with delicate veins of cream, gray, and brown, creating a unique and elegant appearance. Triesta Beige marble's timeless beauty and durability make it a premium choice for those seeking a high-quality natural stone.

Recommended Usage

Walls and floors applications, Marble Counter tops, mosaics of Marble, Marble fountains, pool and wall capping, Marble stairs, windows, Marble Fireplaces, Marble Floors, Marble Flooring, Interiors and Exteriors **Available Sizes**

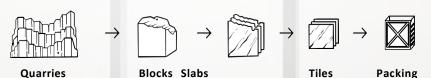
Our factory can produce different sizes tiles and different thicknesses as 1cm, 1.2cm, 1.5cm, 2cm, 3cm regarding to your projects requirements. Common slabs thicknesses are 2cm and 3cm.

Common imperial sizes are: (Inch)

12×12, 12×18, 12×24, 16×16, 16×24, 18×18, 24×24, 24×36, 32×32, 36×36, 40x40

Common metric sizes are: (cm)

30×60, 40×40, 40×60, 40×80, 60×60, 60×90, 80×80, 90×90, 100×100



APPLICATIONS



Hardscape



Interior

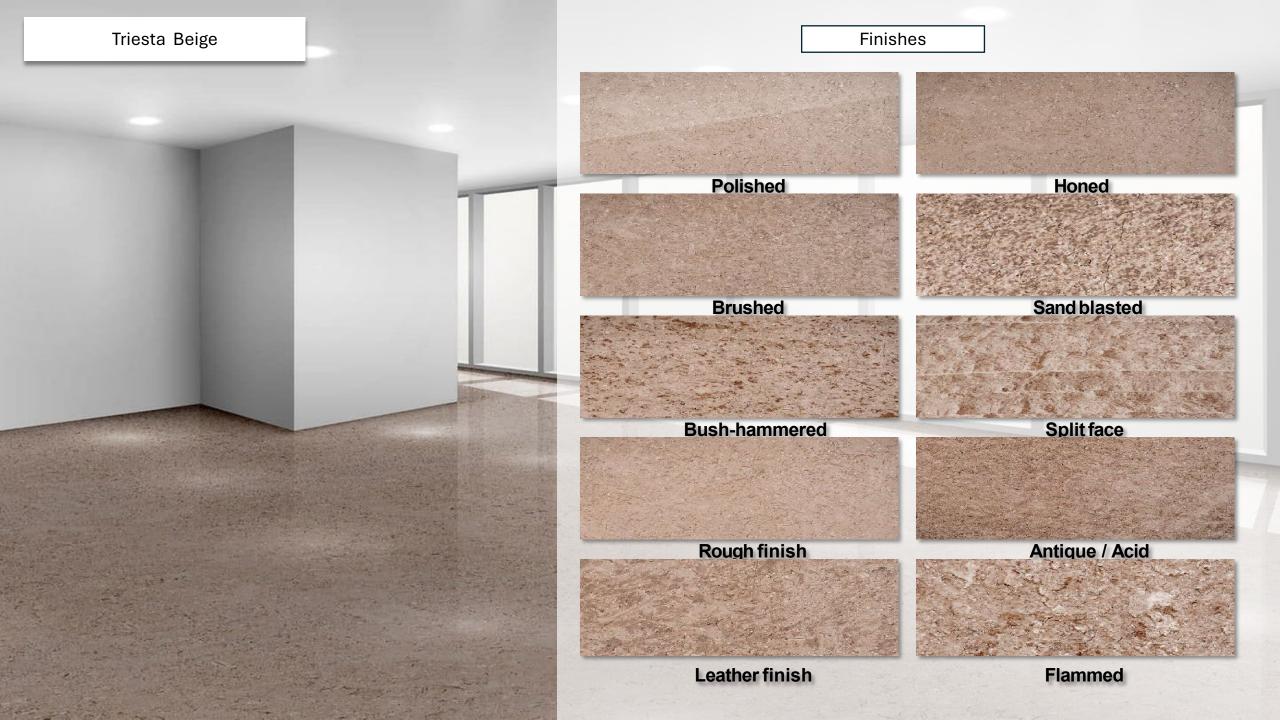
Window

Headers

Technical Data:			
Compressive Strength	(ASTM C 170)	20 200 psi	
Flexural Strength	(ASTM C 880)	2 300 psi	
Abrasion Resistance	(ASTM C 241/ C 1353)	33.9 Ha	
Density	(ASTM C 97)	2 662	
Water Absorption	(ASTM C 97)	0.05%	
Modulus of Rupture	(ASTM C 99)	2 000 psi	







Product Name: Imperial

Category: Egyptian Marble

Exterior / Interior

Imperial Marble is a luxurious natural stone quarried in Egypt that exudes a warm and inviting aesthetic. This elegant marble features a soft beige base with delicate veins of brown and gray, creating a subtle and sophisticated appearance. Imperial Marble is highly prized for its durability and versatility.

Recommended Usage

Walls and floors applications, Marble Counter tops, mosaics of Marble, Marble fountains, pool and wall capping, Marble stairs, windows, Marble Fireplaces, Marble Floors, Marble Flooring, Interiors and Exteriors **Available Sizes**

Our factory can produce different sizes tiles and different thicknesses as 1cm, 1.2cm, 1.5cm, 2cm, 3cm regarding to your projects requirements. Common slabs thicknesses are 2cm and 3cm.

Common imperial sizes are: (Inch)

12×12, 12×18, 12×24, 16×16, 16×24, 18×18, 24×24, 24×36, 32×32, 36×36, 40x40

Common metric sizes are: (cm)

30×60, 40×40, 40×60, 40×80, 60×60, 60×90, 80×80, 90×90, 100×100



Quarries

Blocks Slabs

Packing

Tiles

Window

Headers

APPLICATIONS



Exterior Hardscape Facade

Interior

Pavement

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Technical Data:			
Compressive Strength	(ASTM C 170)	20 200 psi	
Flexural Strength	(ASTM C 880)	2 300 psi	
Abrasion Resistance	(ASTM C 241/ C 1353)	33.9 Ha	
Density	(ASTM C 97)	2 662	
Water Absorption	(ASTM C 97)	0.05%	
Modulus of Rupture	(ASTM C 99)	2 000 psi	



Finishes



Product Name: Egy Grey

Category: Egyptian Marble

Exterior / Interior

Egy Grey Marble is a natural stone that is quarried in Egypt, prized for its subtle elegance and unique character. This marble features a light grey color with distinctive veining patterns that create a beautiful, understated look. Egy Grey Marble has a unique identity, making it perfect for those who appreciate the beauty of the natural stone.

Recommended Usage

Walls and floors applications, Marble Counter tops, mosaics of Marble, Marble fountains, pool and wall capping, Marble stairs, windows, Marble Fireplaces, Marble Floors, Marble Flooring, Interiors and Exteriors **Available Sizes**

Our factory can produce different sizes tiles and different thicknesses as 1cm, 1.2cm, 1.5cm, 2cm, 3cm regarding to your projects requirements. Common slabs thicknesses are 2cm and 3cm.

Common imperial sizes are: (Inch)

12×12, 12×18, 12×24, 16×16, 16×24, 18×18, 24×24, 24×36, 32×32, 36×36, 40x40

Common metric sizes are: (cm)

30×60, 40×40, 40×60, 40×80, 60×60, 60×90, 80×80, 90×90, 100×100



APPLICATIONS



Hardscape



Interior

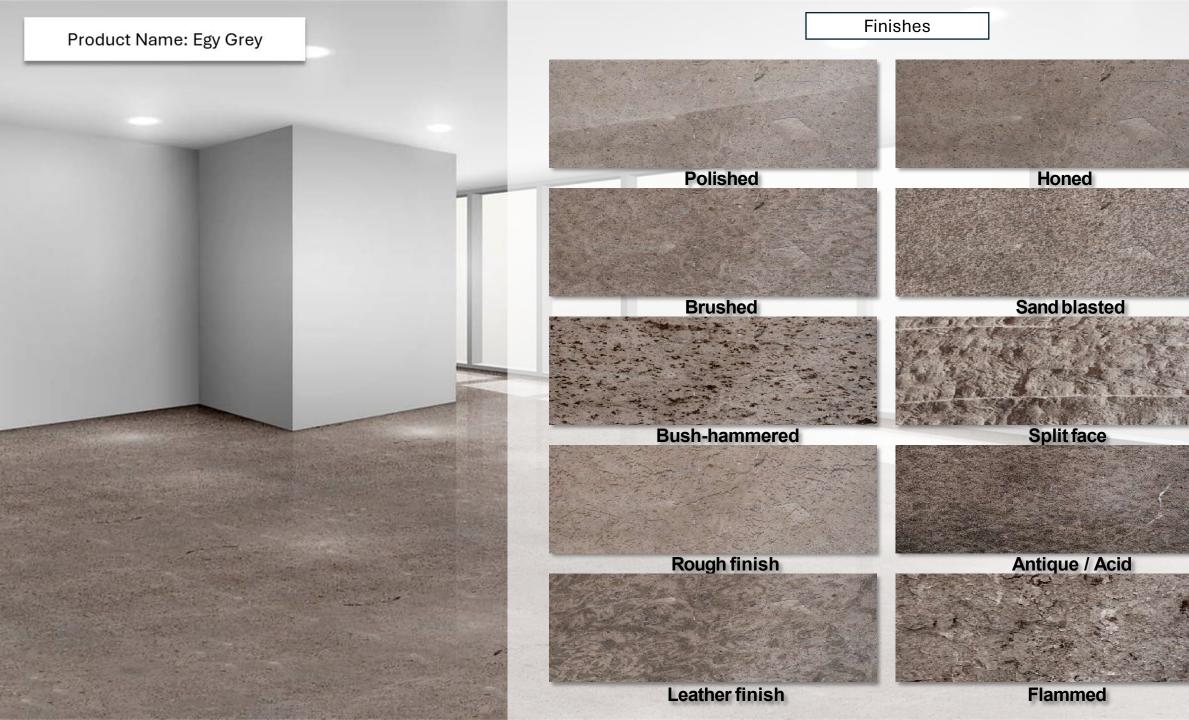
Window

Headers

Pavement

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Technical Data:			
Compressive Strength	(ASTM C 170)	20 200 psi	
Flexural Strength	(ASTM C 880)	2 300 psi	
Abrasion Resistance	(ASTM C 241/ C 1353)	33.9 Ha	
Density	(ASTM C 97)	2 662	
Water Absorption	(ASTM C 97)	0.05%	
Modulus of Rupture	(ASTM C 99)	2 000 psi	



Product Name: Light Nilo Grey

Category: Egyptian Marble

Exterior / Interior

Light Nilo Grey Egyptian Marble is a high-quality natural stone with a unique color palette with swirls. Quarried in Egypt, this marble is characterized by its fine-grained texture and uniform appearance.

Recommended Usage

Walls and floors applications, Marble Counter tops, mosaics of Marble, Marble fountains, pool and wall capping, Marble stairs, windows, Marble Fireplaces, Marble Floors, Marble Flooring, Interiors and Exteriors **Available Sizes**

Our factory can produce different sizes tiles and different thicknesses as 1cm, 1.2cm, 1.5cm, 2cm, 3cm regarding to your projects requirements. Common slabs thicknesses are 2cm and 3cm.

Common imperial sizes are: (Inch)

12×12, 12×18, 12×24, 16×16, 16×24, 18×18, 24×24, 24×36, 32×32, 36×36, 40x40

Common metric sizes are: (cm)

30×60, 40×40, 40×60, 40×80, 60×60, 60×90, 80×80, 90×90, 100×100



Interior



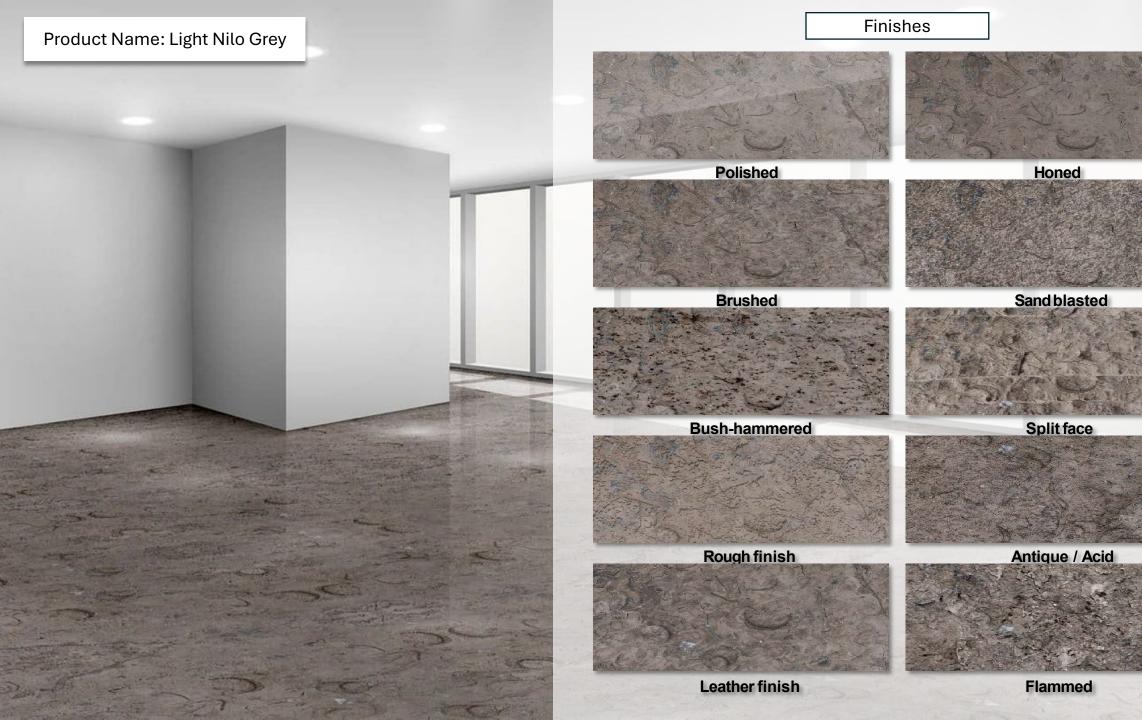


Hardscape

Window Headers Pavement

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Technical Data:		
Compressive Strength	(ASTM C 170)	20 200 psi
Flexural Strength	(ASTM C 880)	2 300 psi
Abrasion Resistance	(ASTM C 241/ C 1353)	33.9 Ha
Density	(ASTM C 97)	2 662
Water Absorption	(ASTM C 97)	0.05%
Modulus of Rupture	(ASTM C 99)	2 000 psi



Product Name: Egy Grey Dark

Category: Egyptian Marble

Exterior / Interior

Egy Grey Dark Marble is a luxurious natural stone that is quarried in Egypt. This sophisticated marble is characterized by its deep, rich grey color and subtle veining that creates an elegant, timeless look. a versatile and luxurious natural stone that will elevate any space it's used in.

Recommended Usage

Walls and floors applications, Marble Counter tops, mosaics of Marble, Marble fountains, pool and wall capping, Marble stairs, windows, Marble Fireplaces, Marble Floors, Marble Flooring, Interiors and Exteriors **Available Sizes**

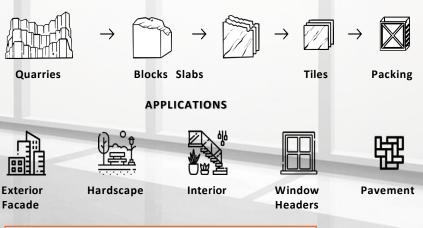
Our factory can produce different sizes tiles and different thicknesses as 1cm, 1.2cm, 1.5cm, 2cm, 3cm regarding to your projects requirements. Common slabs thicknesses are 2cm and 3cm.

Common imperial sizes are: (Inch)

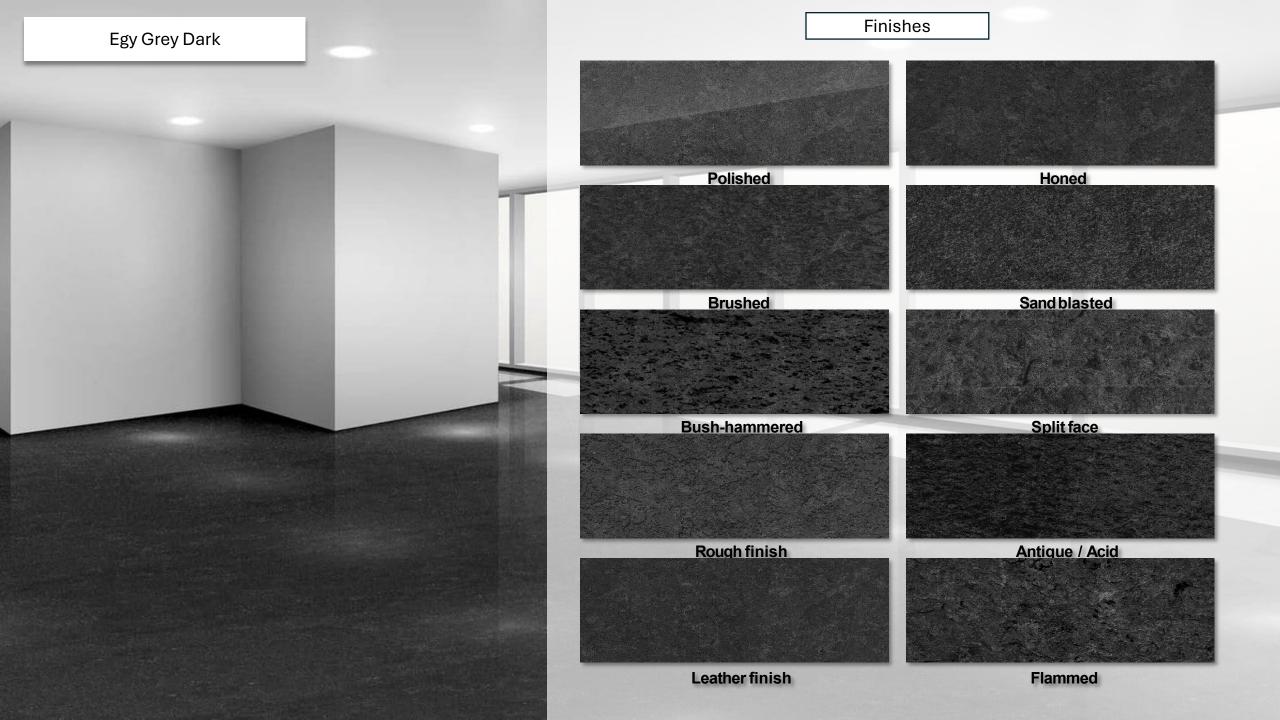
12×12, 12×18, 12×24, 16×16, 16×24, 18×18, 24×24, 24×36, 32×32, 36×36, 40x40

Common metric sizes are: (cm)

30×60, 40×40, 40×60, 40×80, 60×60, 60×90, 80×80, 90×90, 100×100



Technical Data:			
Compressive Strength	(ASTM C 170)	20 200 psi	
Flexural Strength	(ASTM C 880)	2 300 psi	
Abrasion Resistance	(ASTM C 241/ C 1353)	33.9 Ha	
Density	(ASTM C 97)	2 662	
Water Absorption	(ASTM C 97)	0.05%	
Modulus of Rupture	(ASTM C 99)	2 000 psi	



Product Name: Emperador

Category: Egyptian Marble

Exterior / Interior

Emperador Marble from Egypt is a natural stone that exudes elegance and luxury with its rich, warm tones and distinctive veining. Quarried in Egypt and accented with lighter beige and cream-colored veins that give it a unique character. The natural variations in color and pattern make each slab of Emperador Marble one-ofa-kind, adding a touch of individuality to any space.

Recommended Usage

Walls and floors applications, Marble Counter tops, mosaics of Marble, Marble fountains, pool and wall capping, Marble stairs, windows, Marble Fireplaces, Marble Floors, Marble Flooring, Interiors and Exteriors **Available Sizes**

Our factory can produce different sizes tiles and different thicknesses as 1cm, 1.2cm, 1.5cm, 2cm, 3cm regarding to your projects requirements. Common slabs thicknesses are 2cm and 3cm.

Common imperial sizes are: (Inch)

12×12, 12×18, 12×24, 16×16, 16×24, 18×18, 24×24, 24×36, 32×32, 36×36, 40x40

Common metric sizes are: (cm)

30×60, 40×40, 40×60, 40×80, 60×60, 60×90, 80×80, 90×90, 100×100



Quarries

Slabs

Interior

Packing

Tiles

APPLICATIONS

Blocks





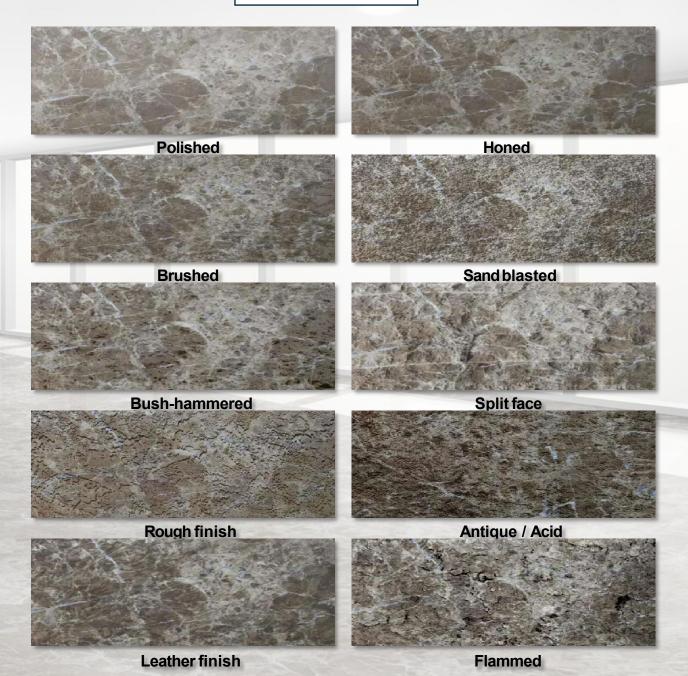
Hardscape

Window Headers Pavement

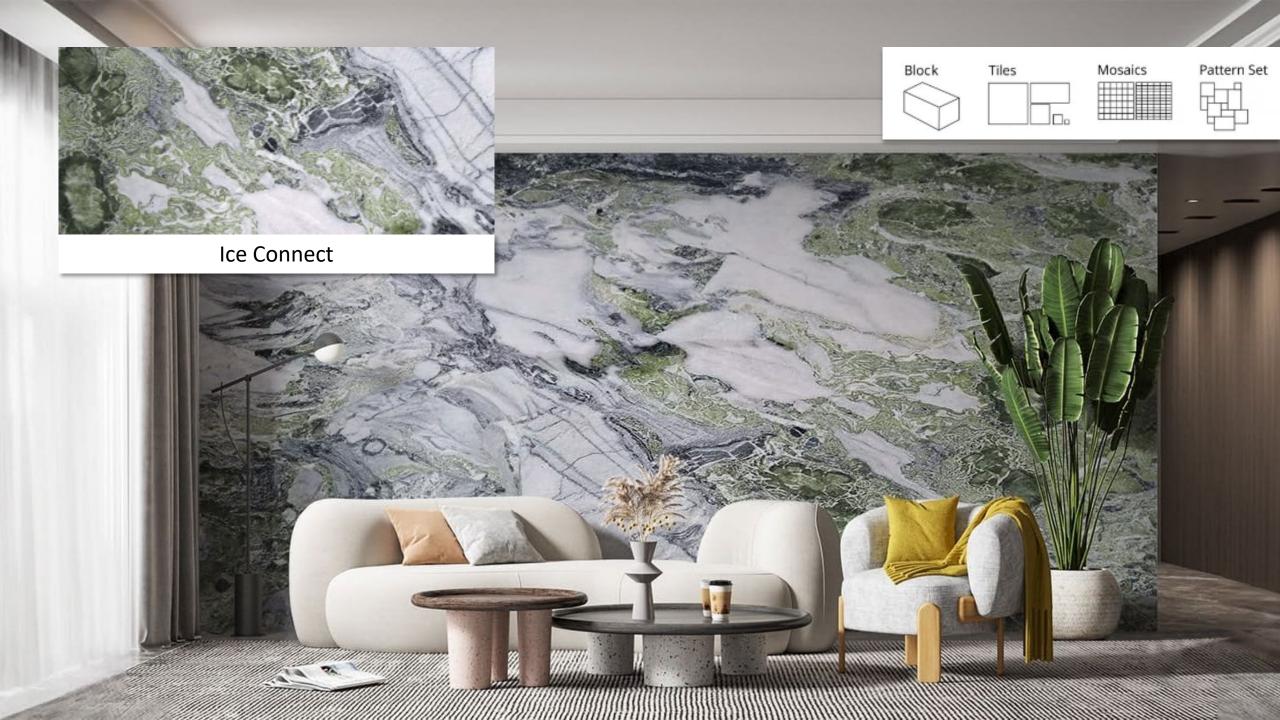
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Technical Data:		
Compressive Strength	(ASTM C 170)	20 200 psi
Flexural Strength	(ASTM C 880)	2 300 psi
Abrasion Resistance	(ASTM C 241/ C 1353)	33.9 Ha
Density	(ASTM C 97)	2 662
Water Absorption	(ASTM C 97)	0.05%
Modulus of Rupture	(ASTM C 99)	2 000 psi

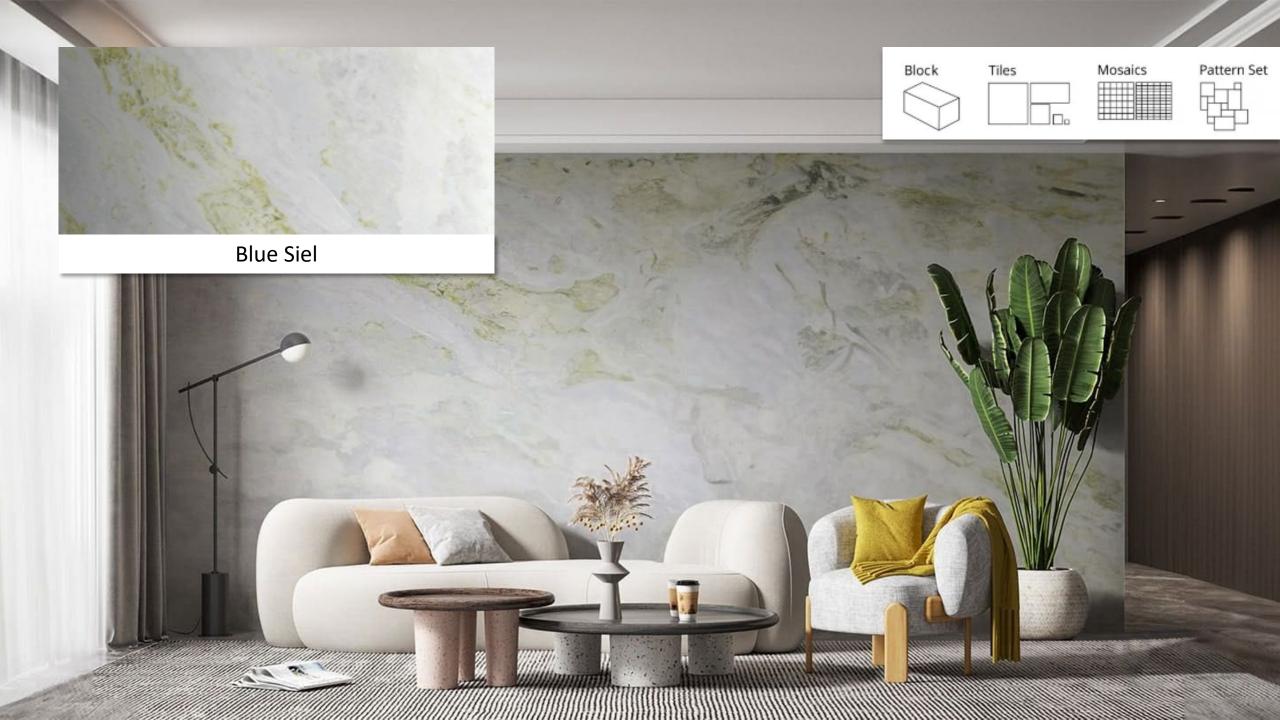


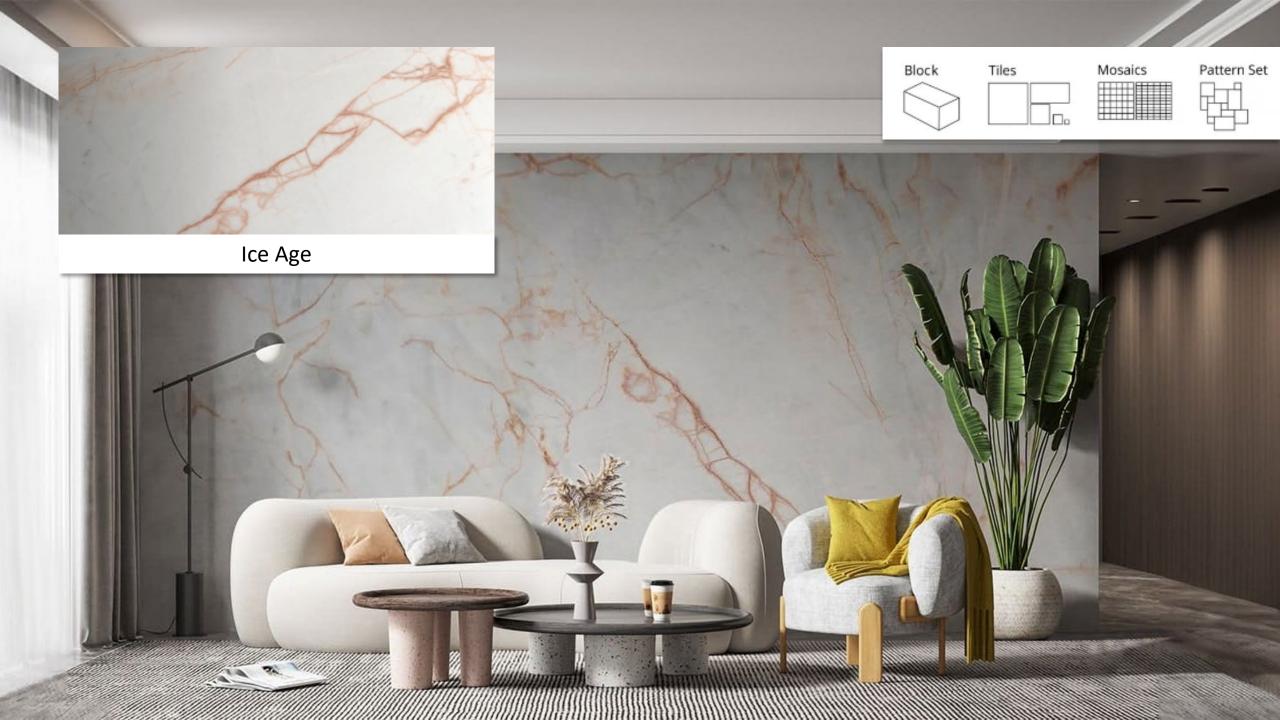


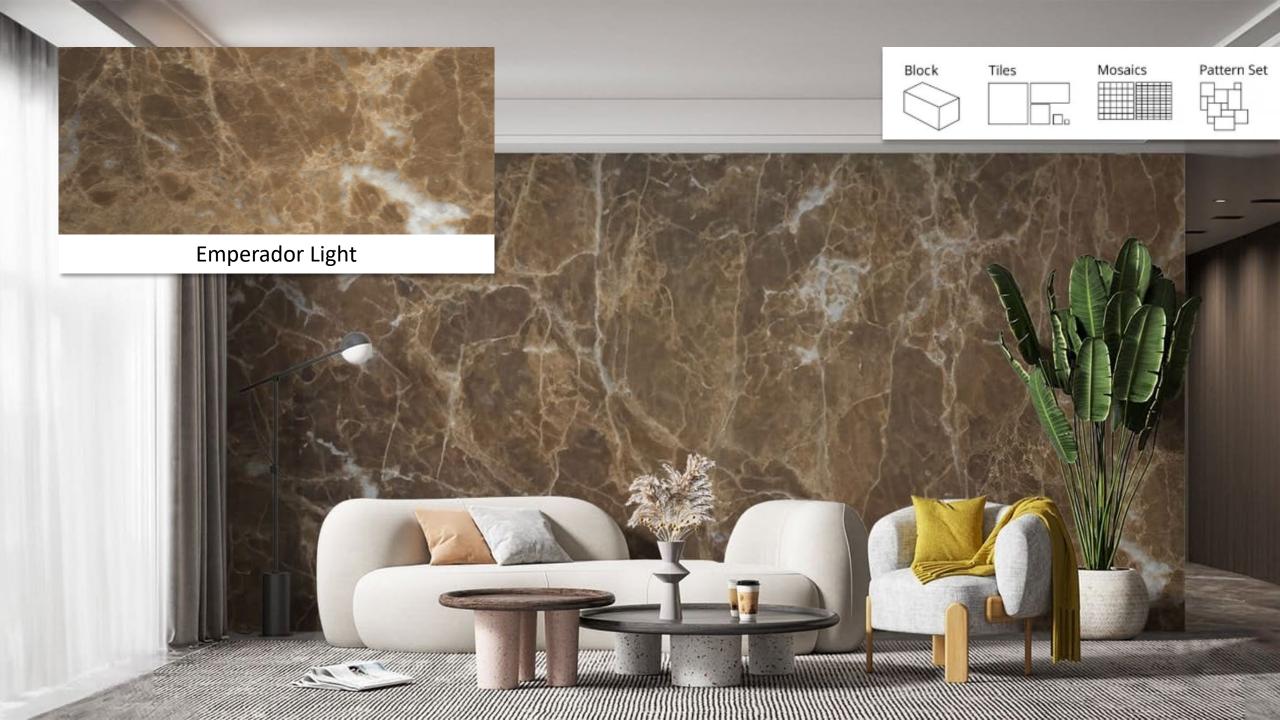


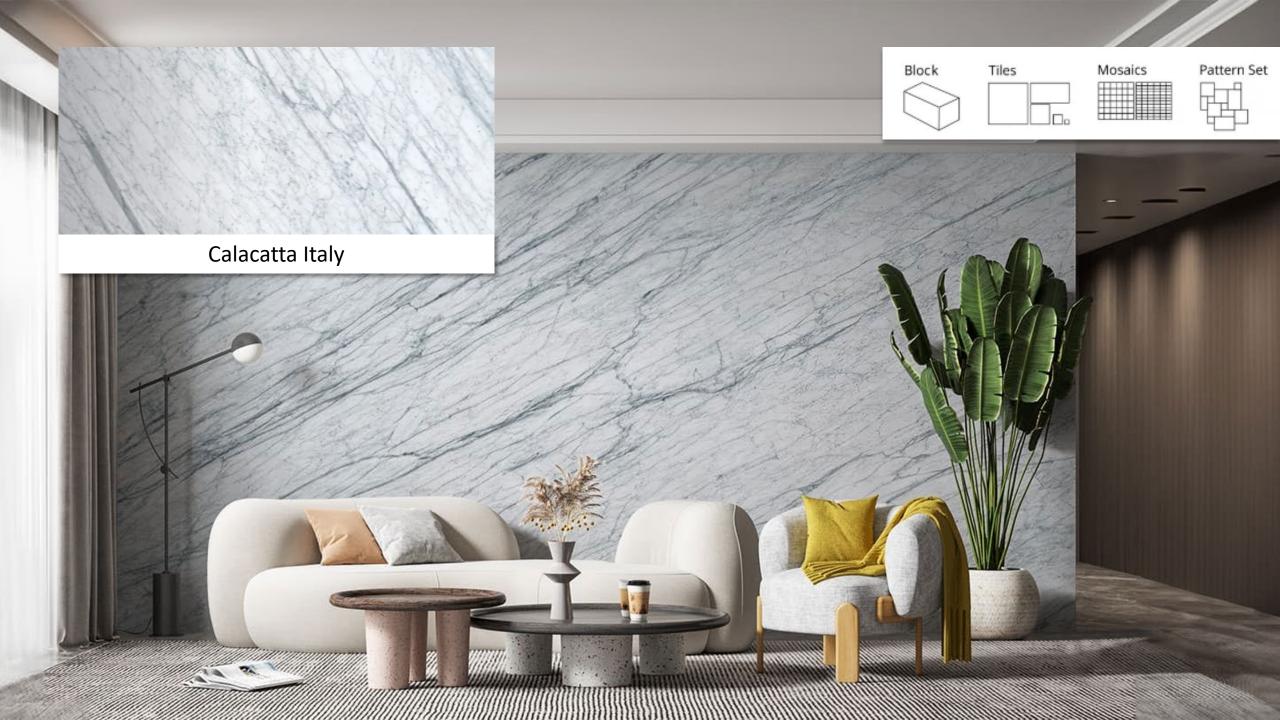


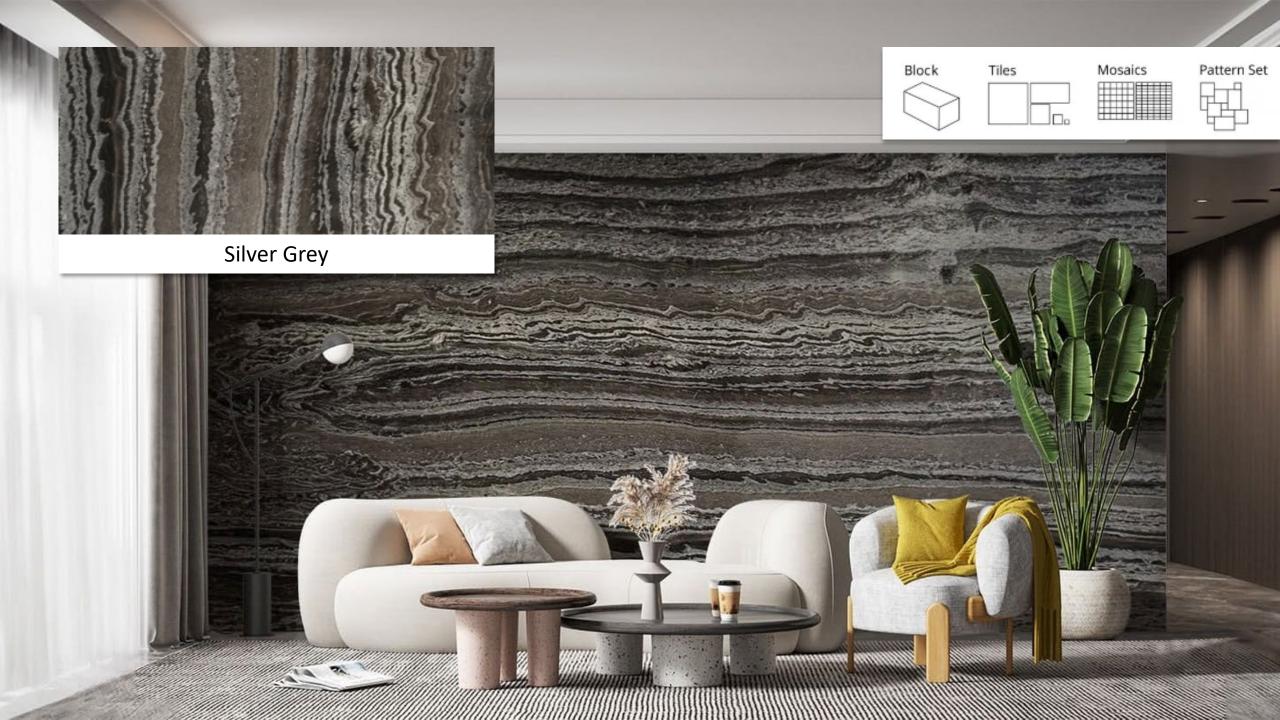


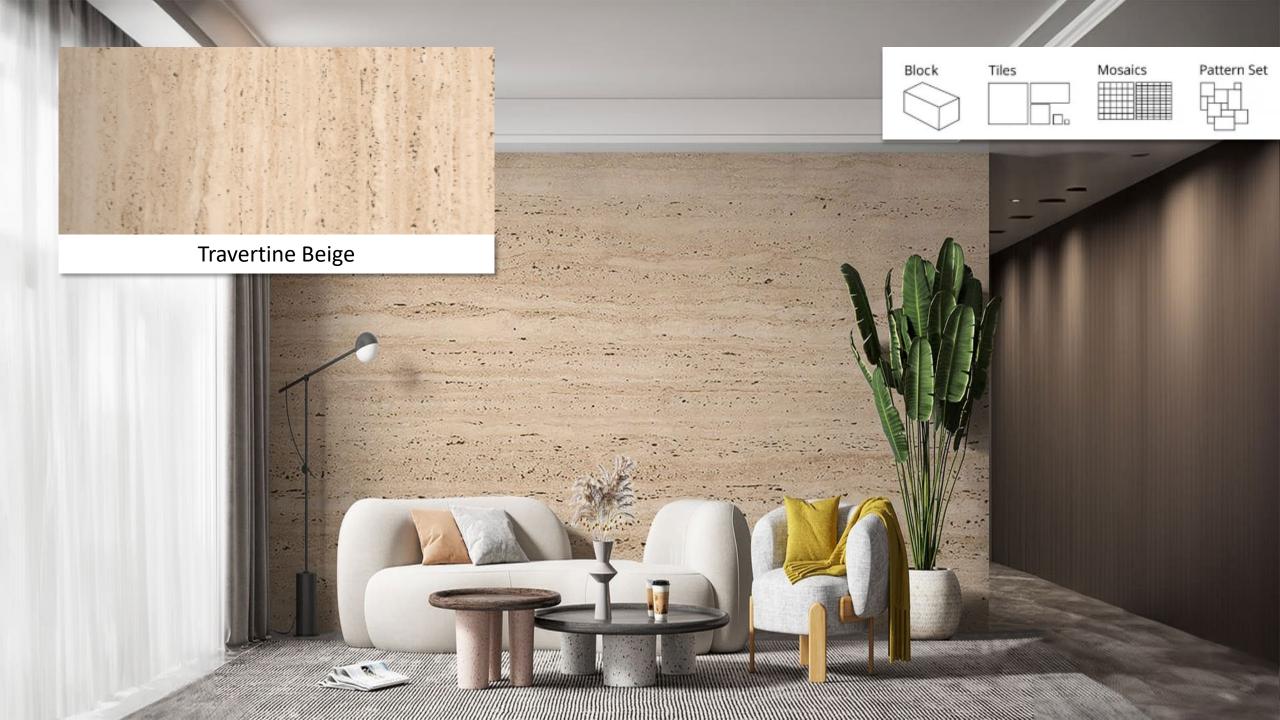


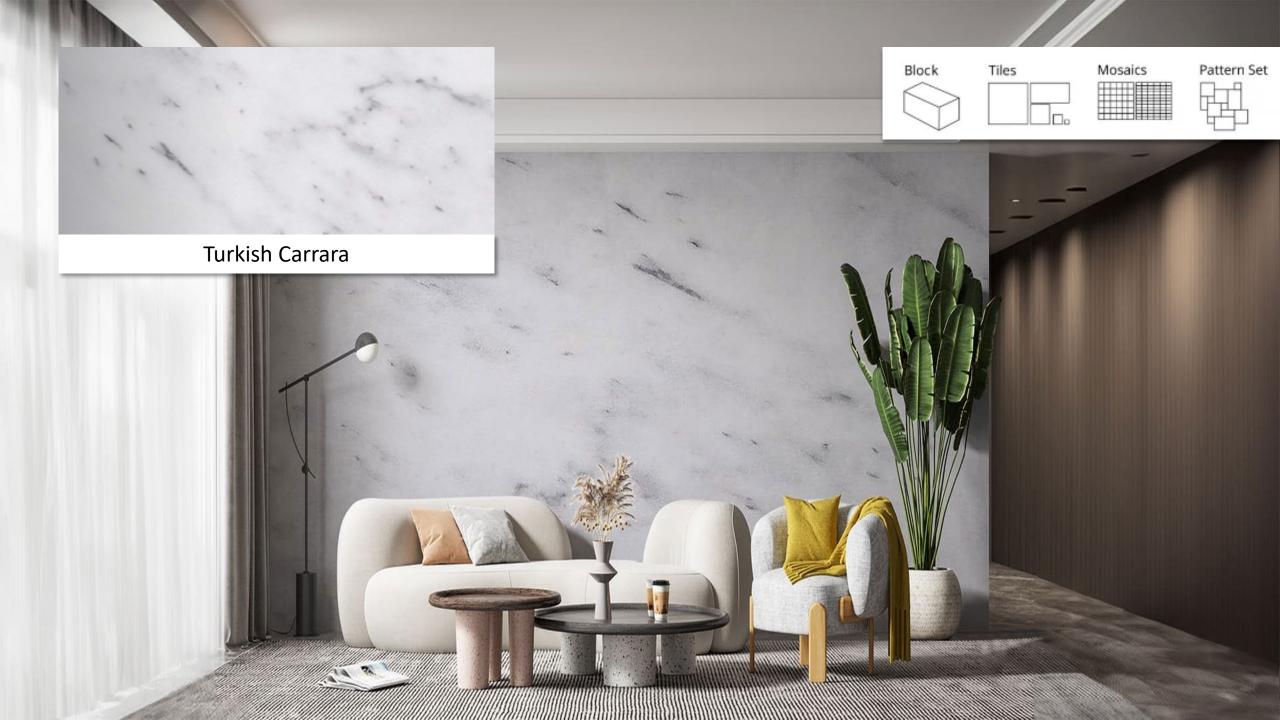


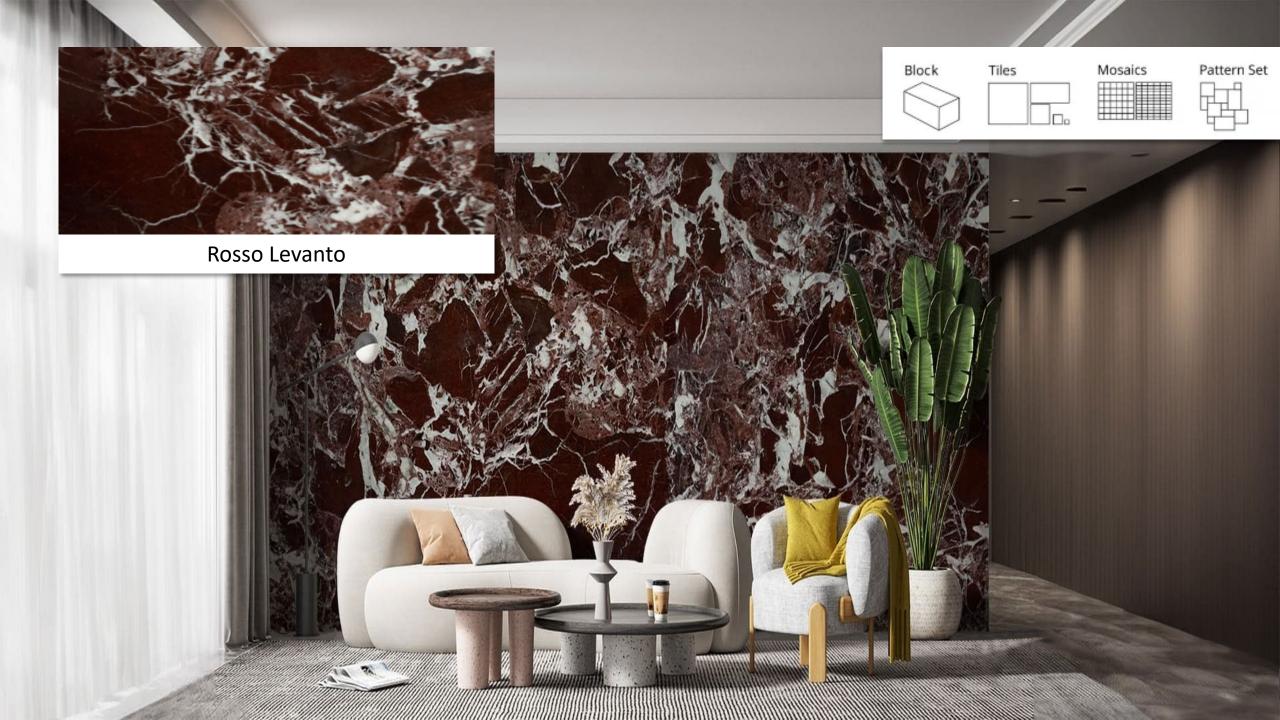


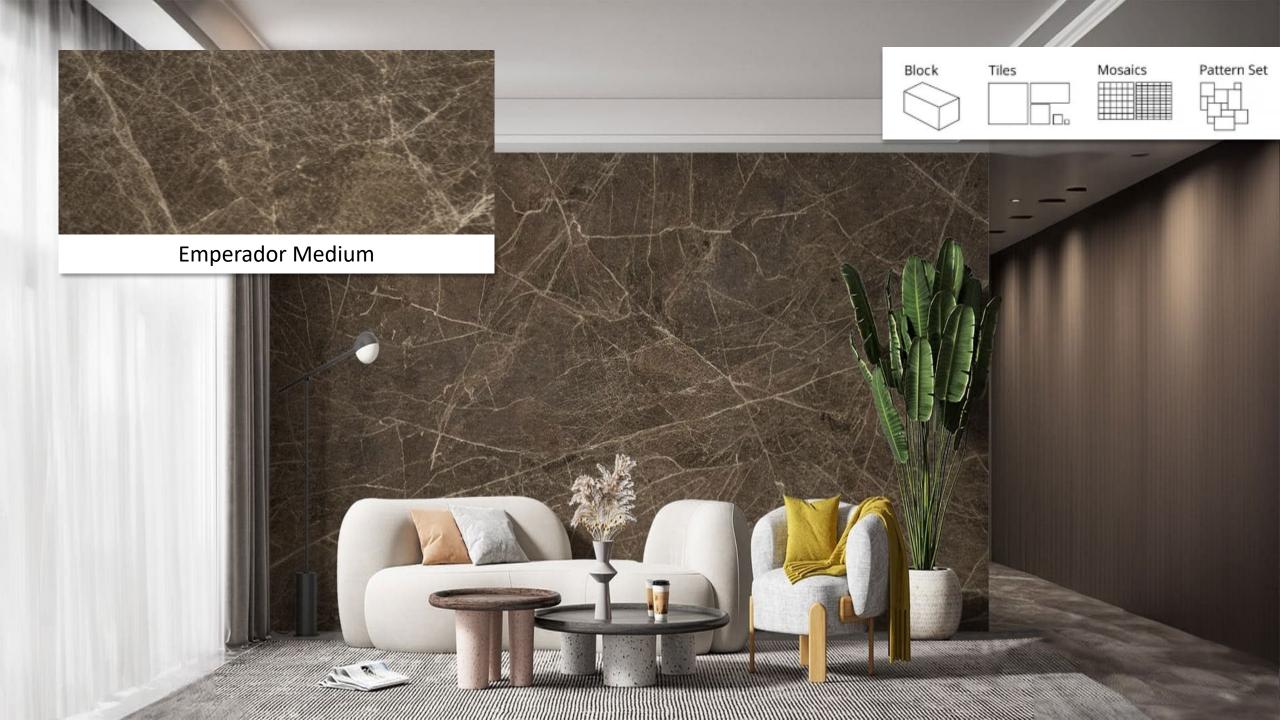


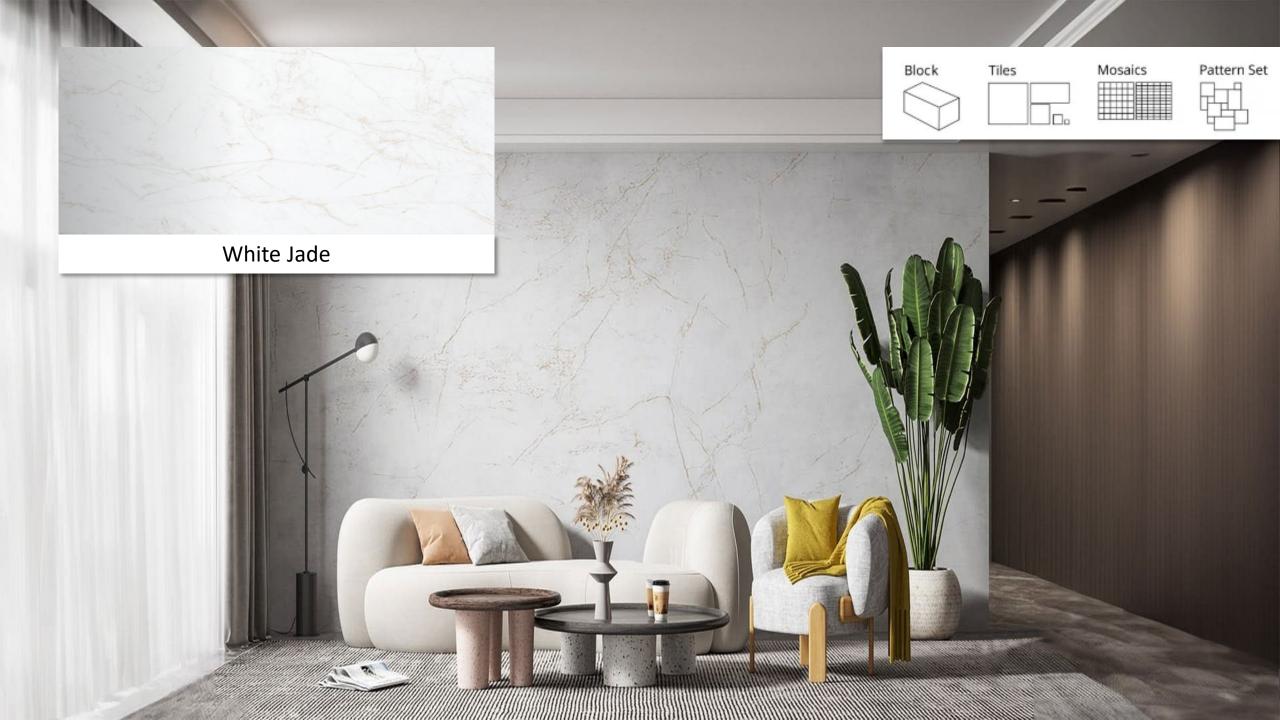


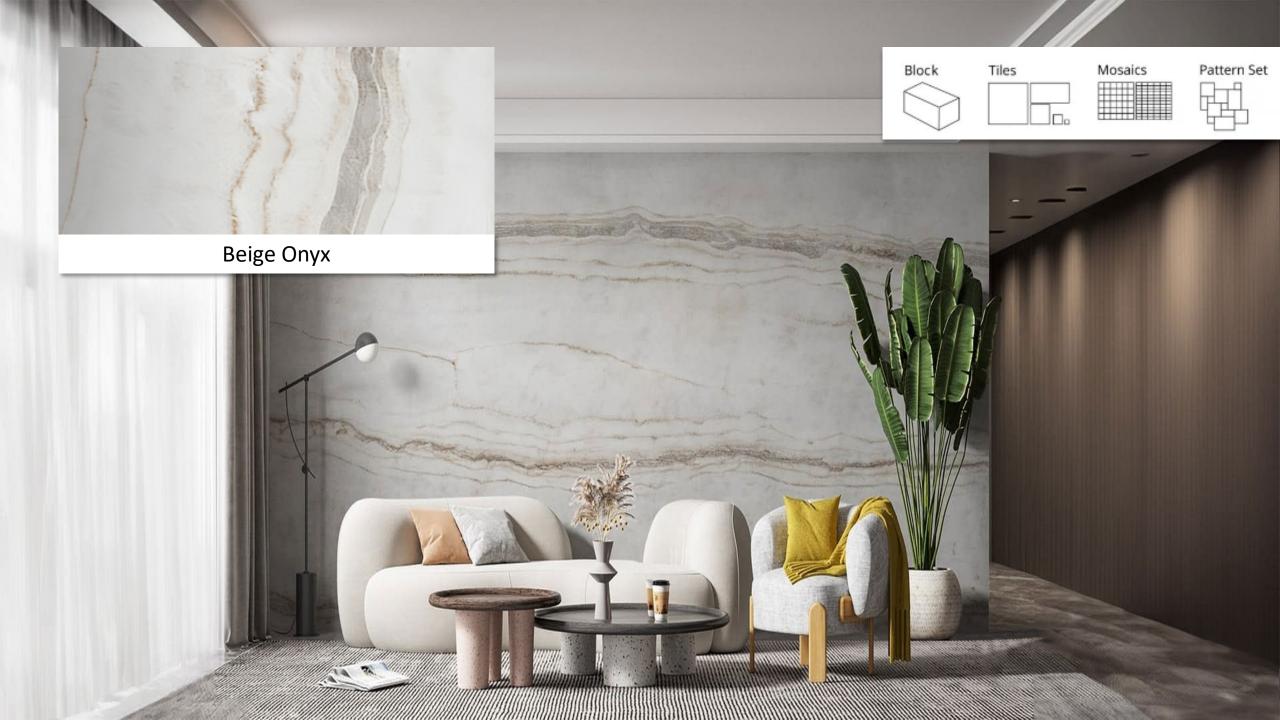


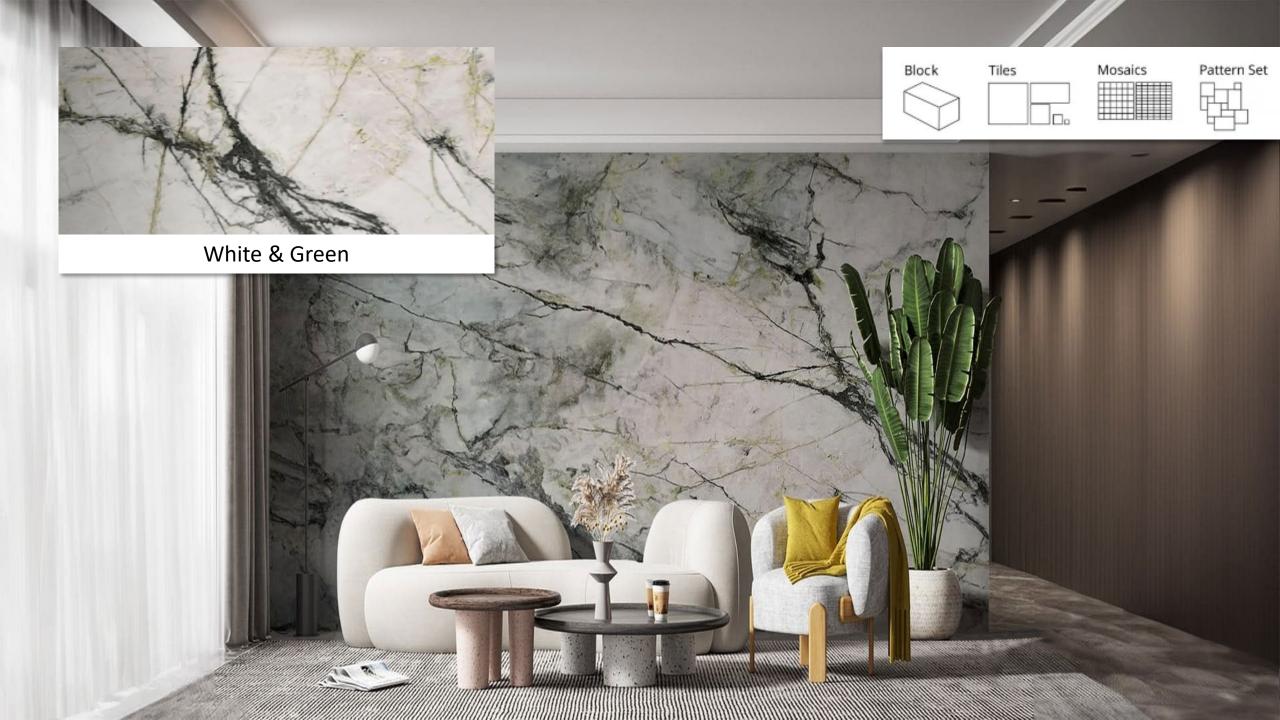


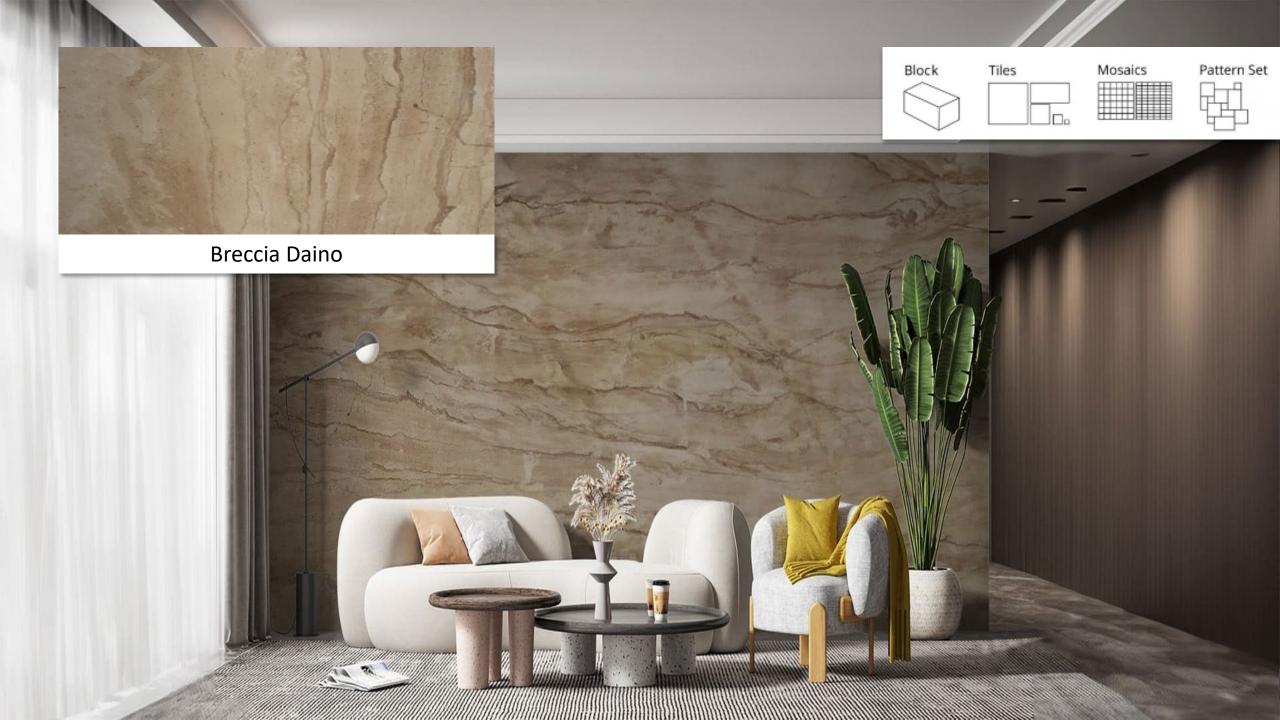


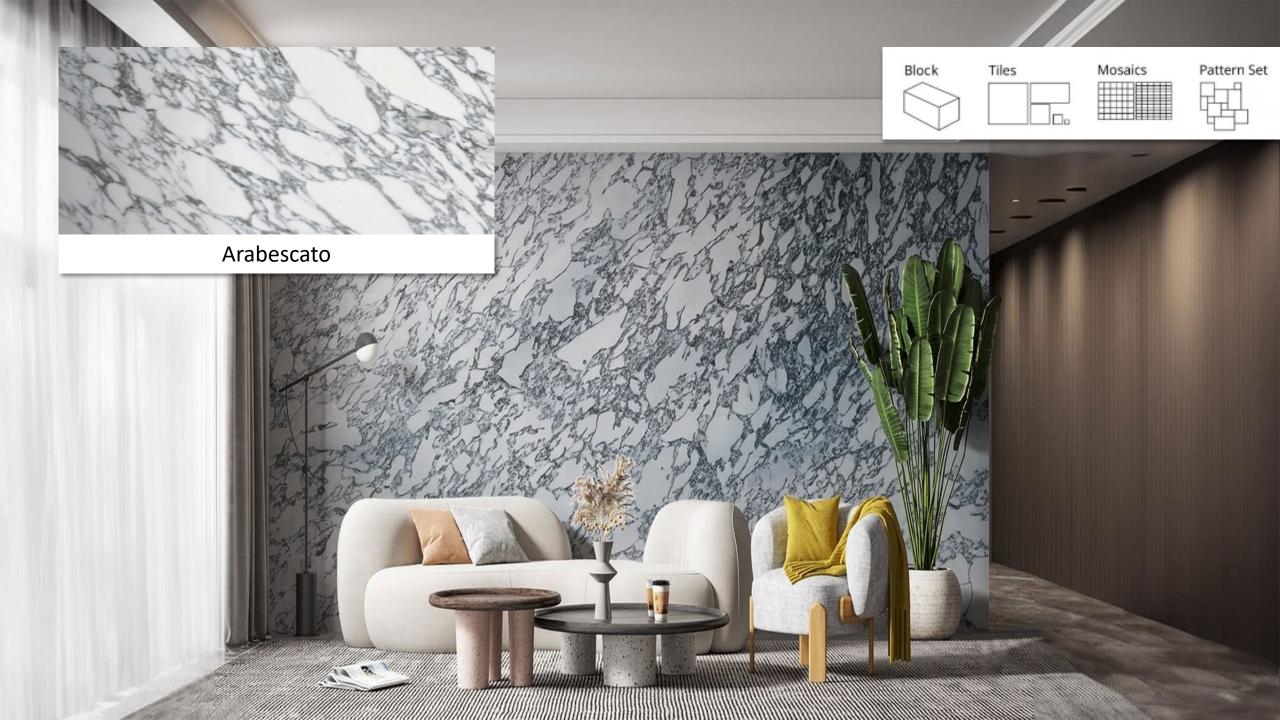




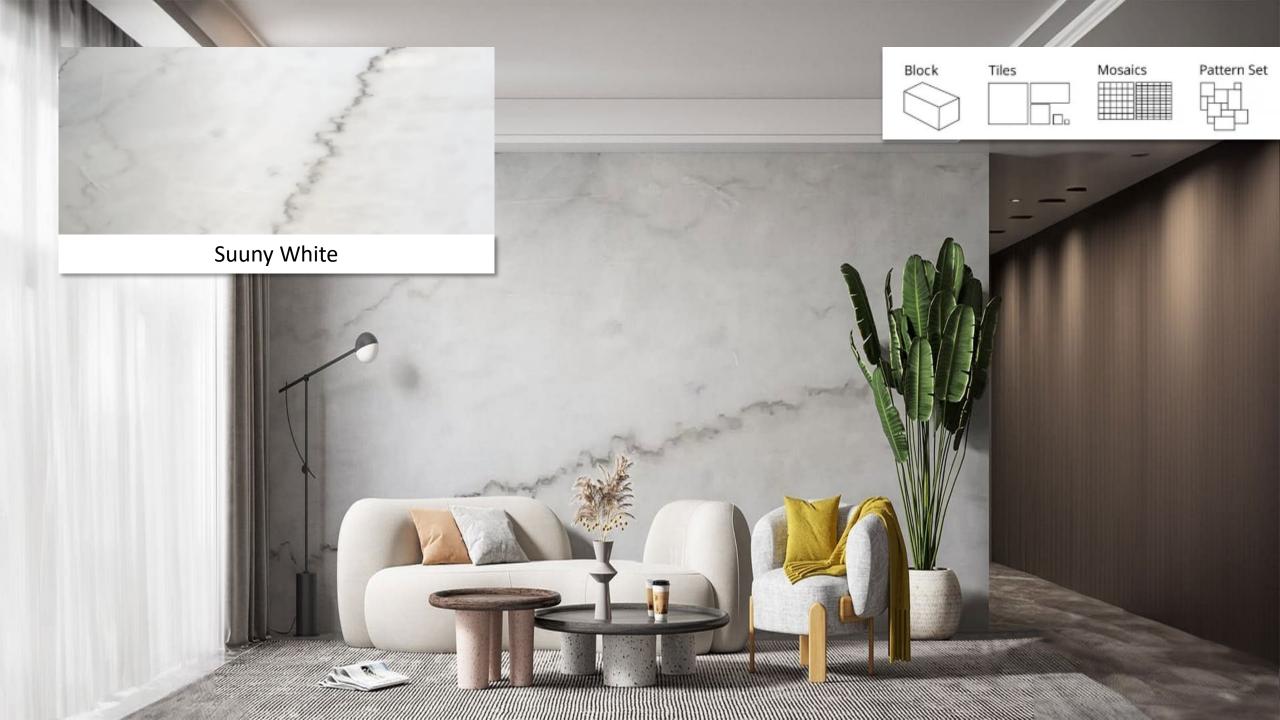


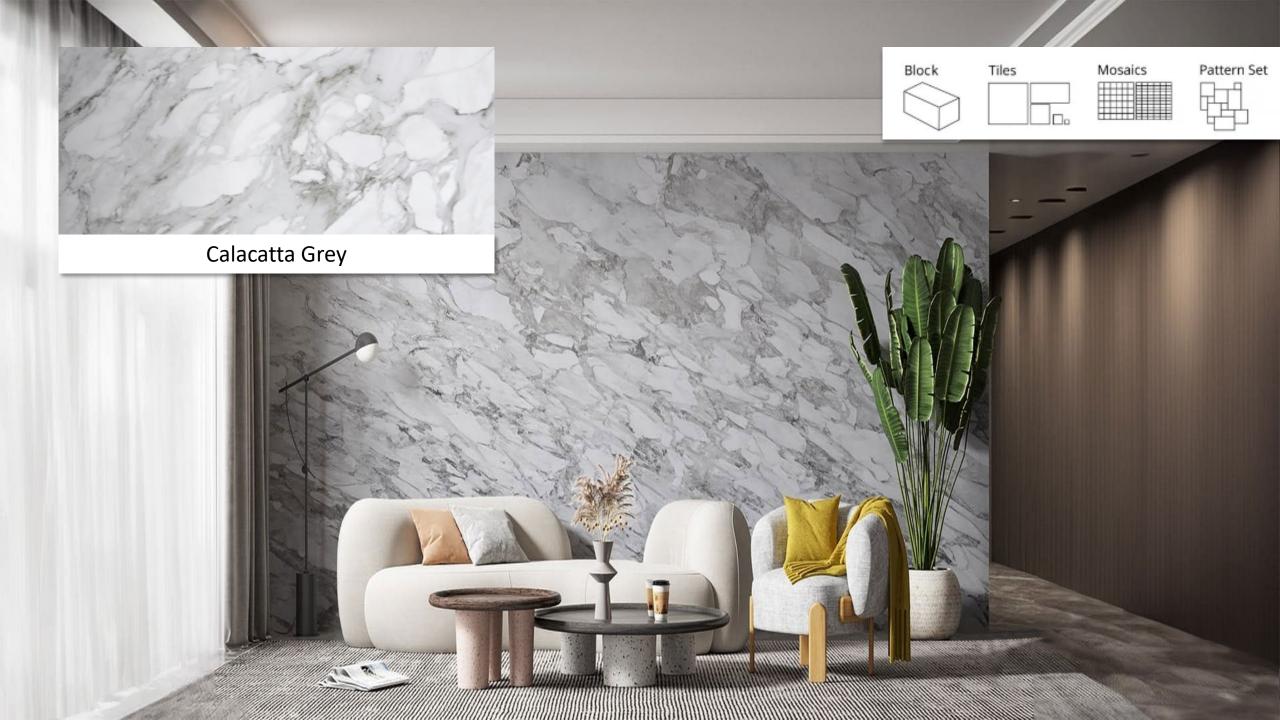


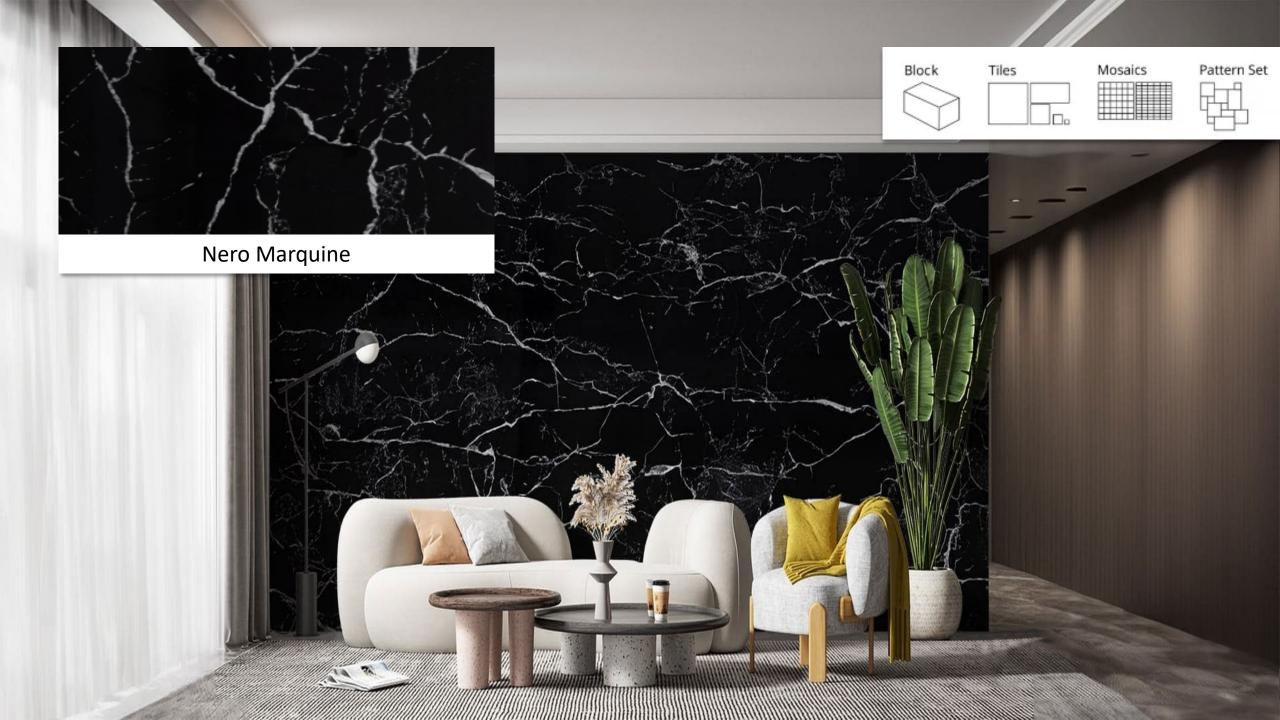


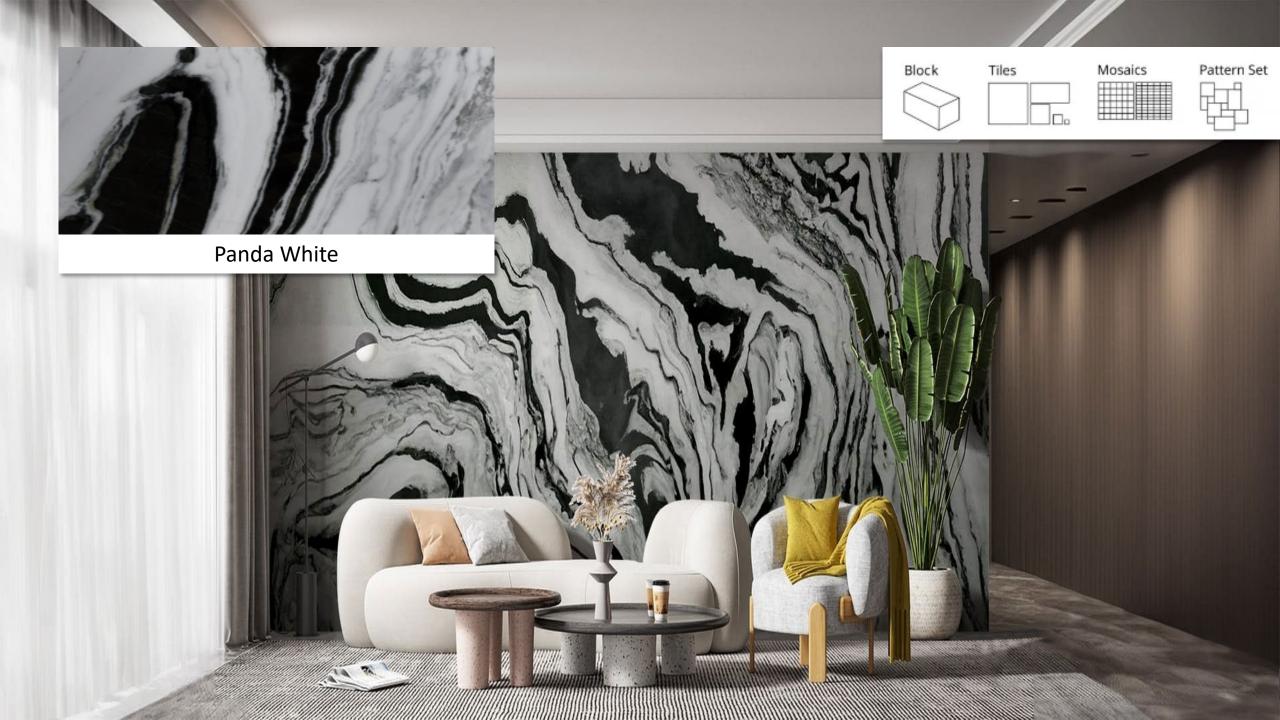


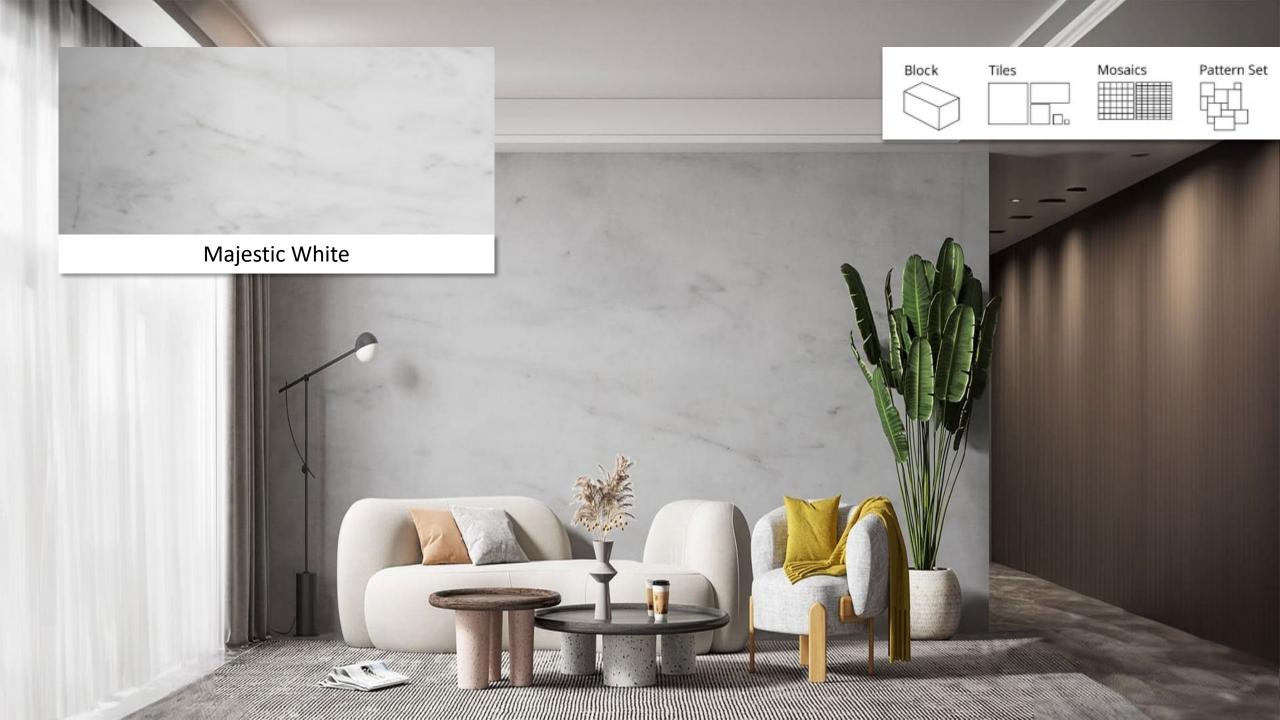


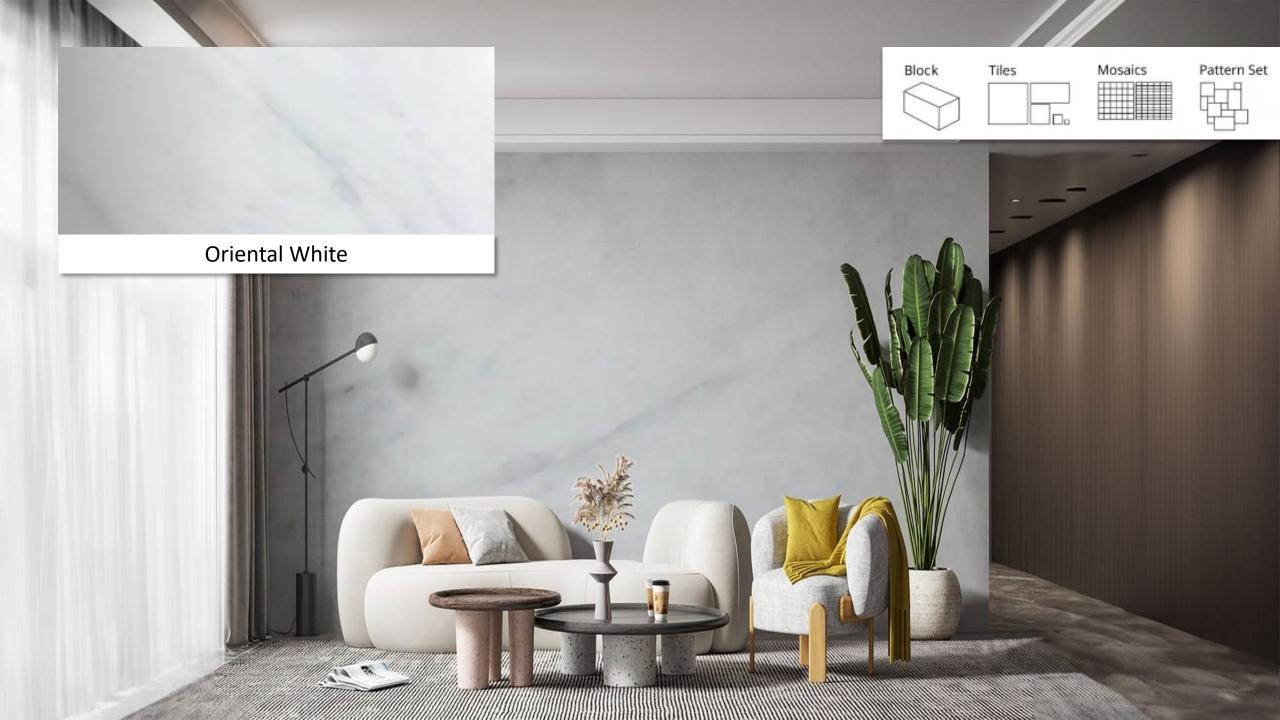


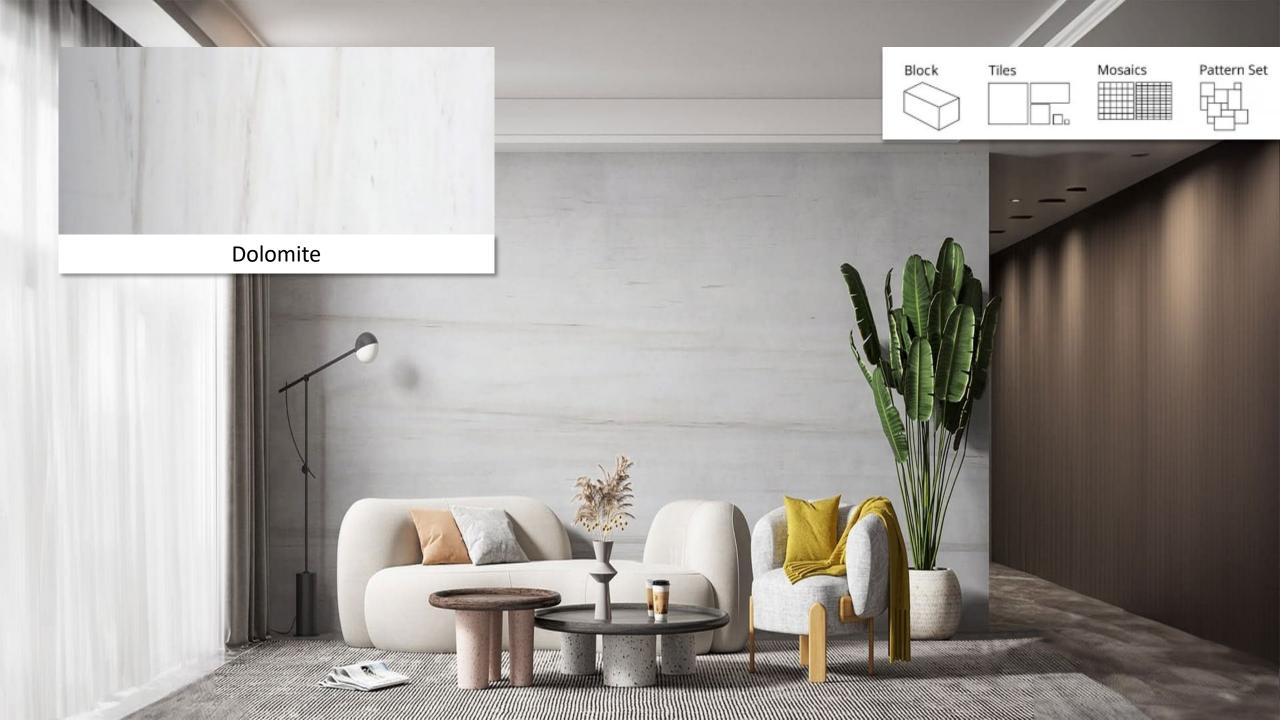


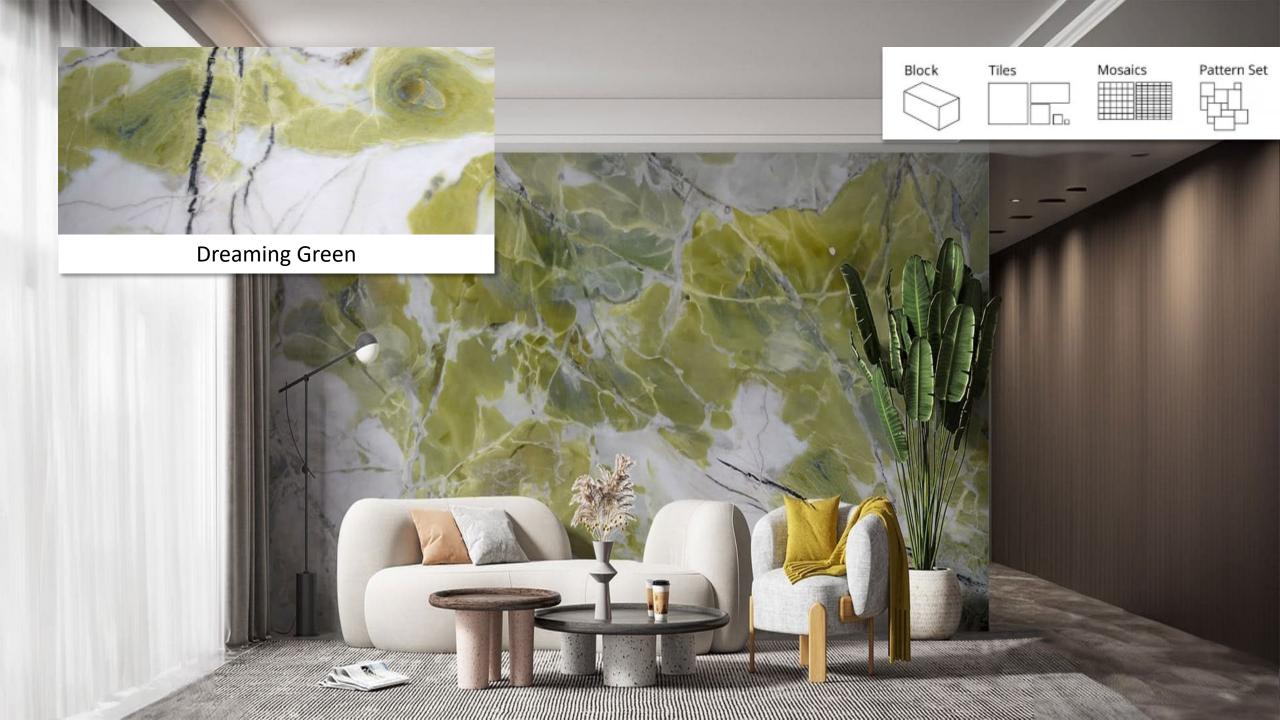


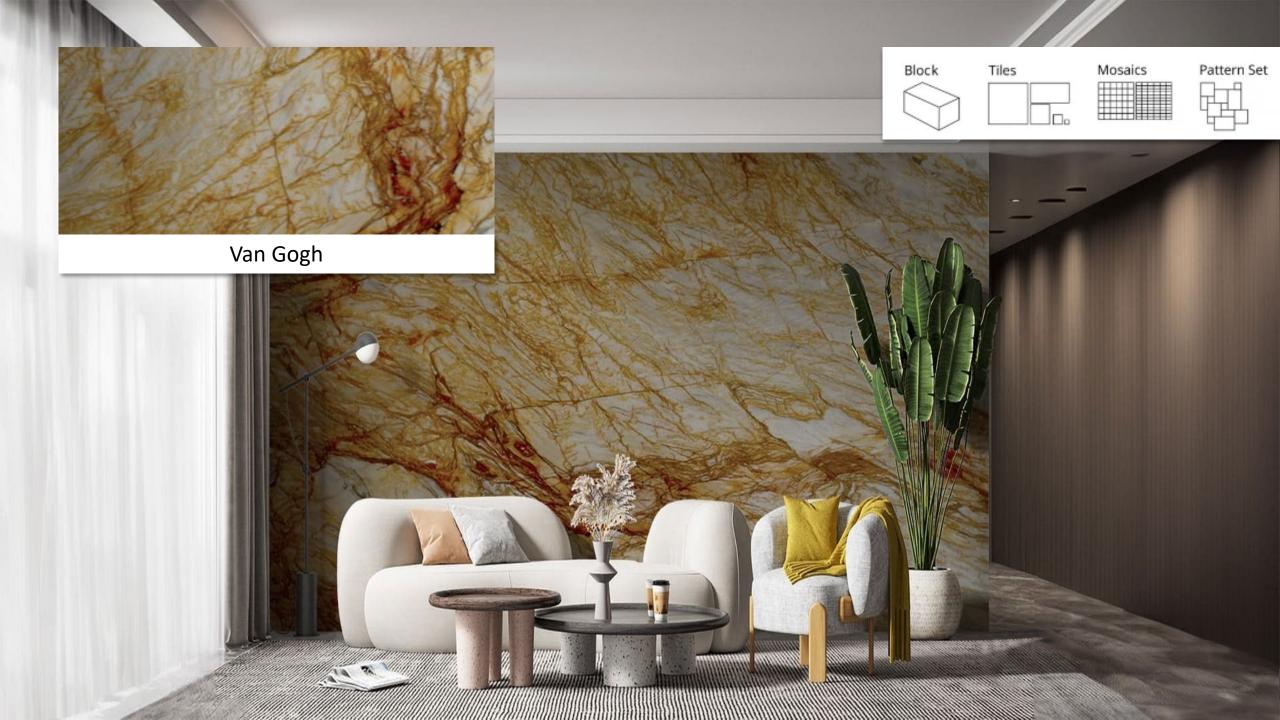


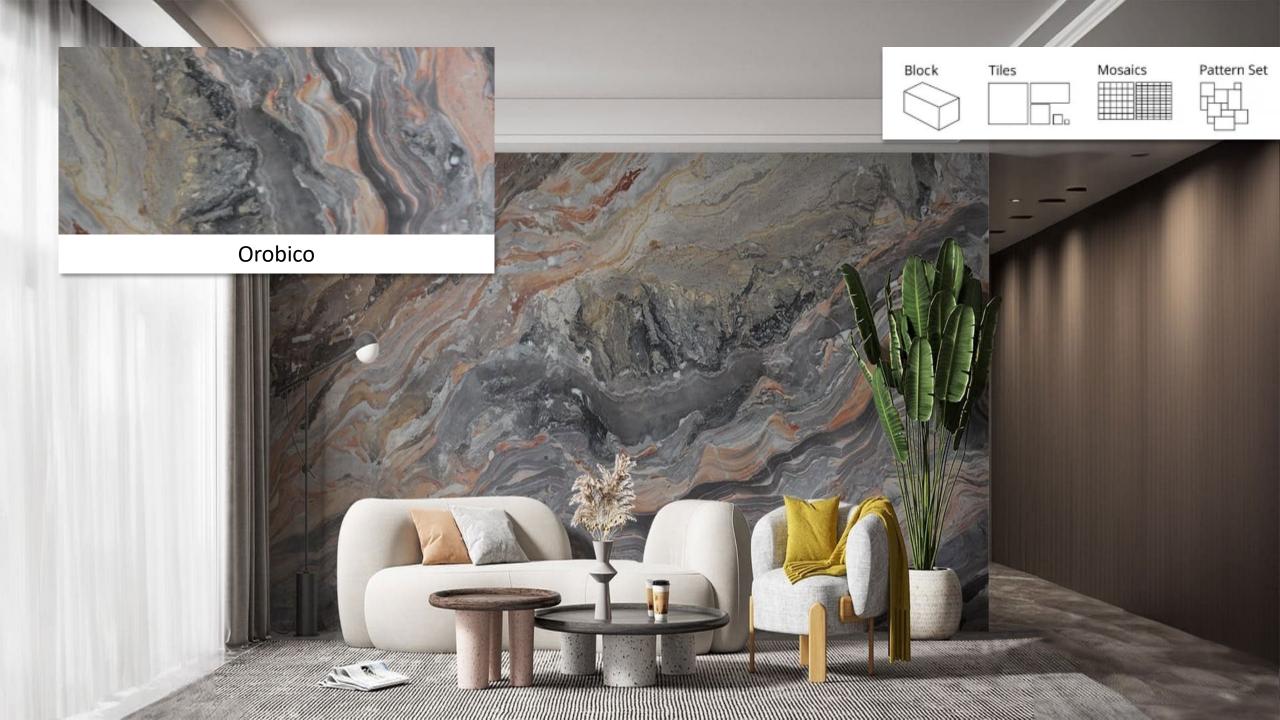


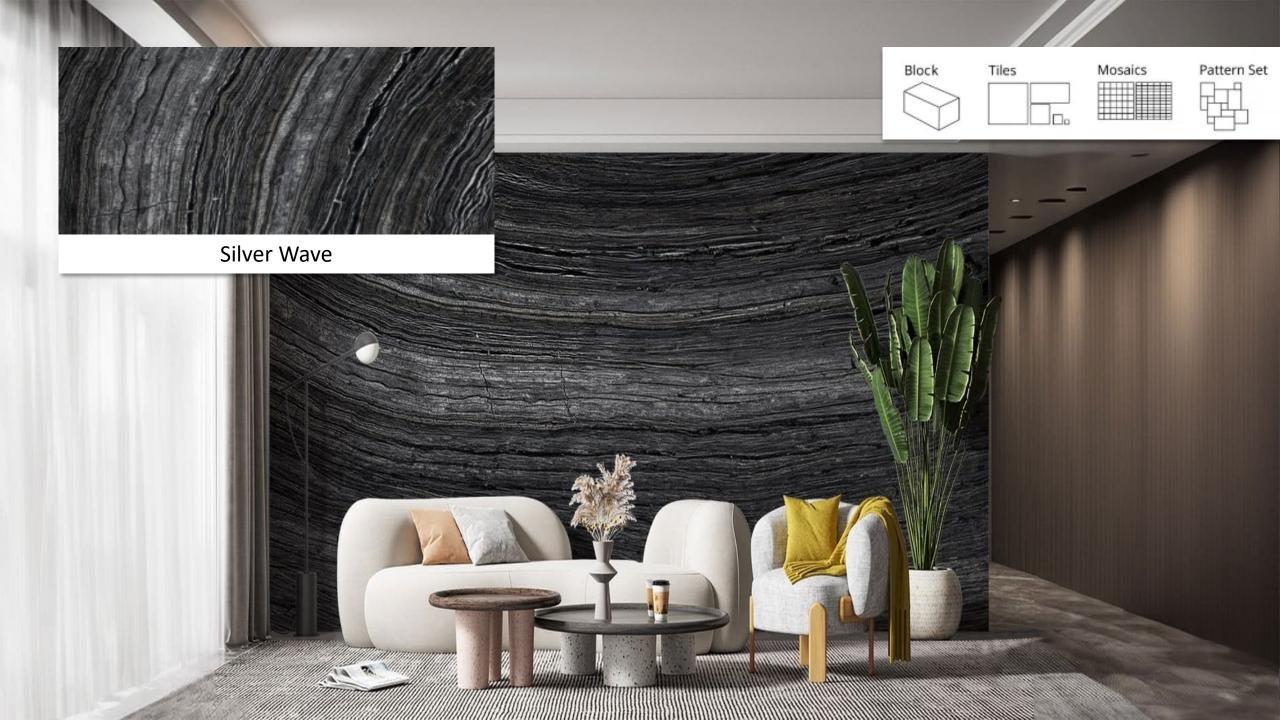


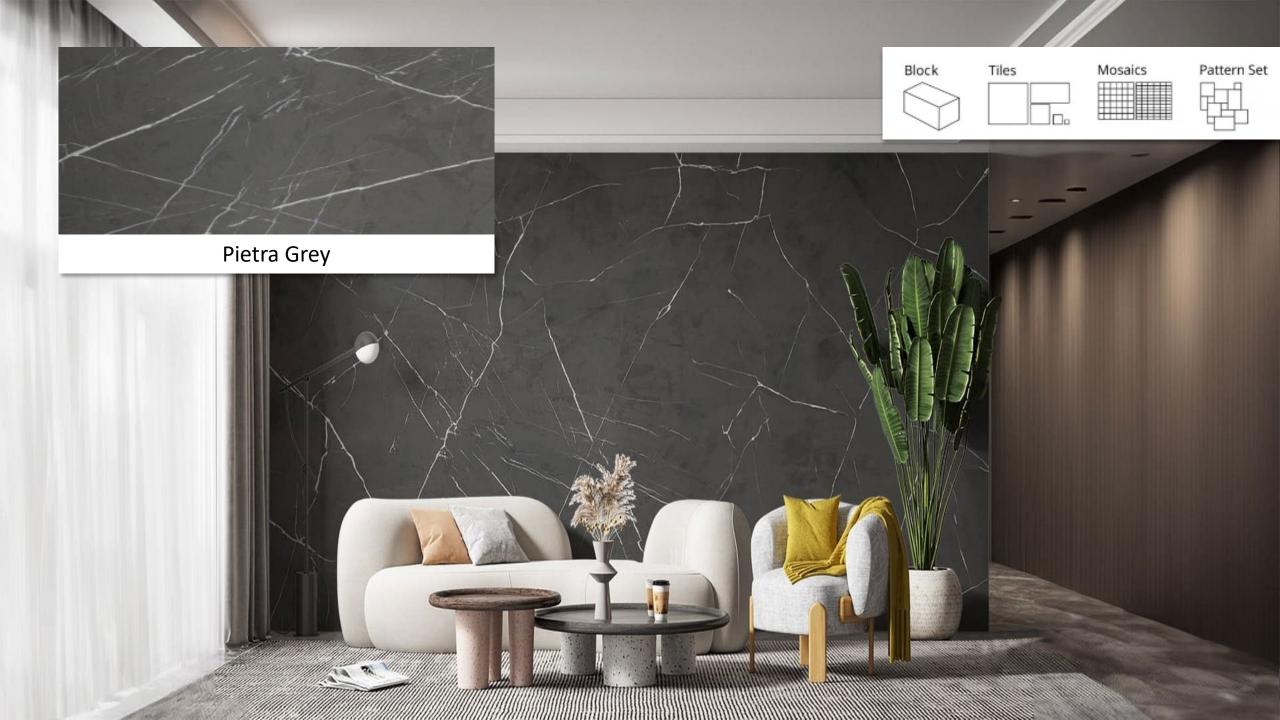


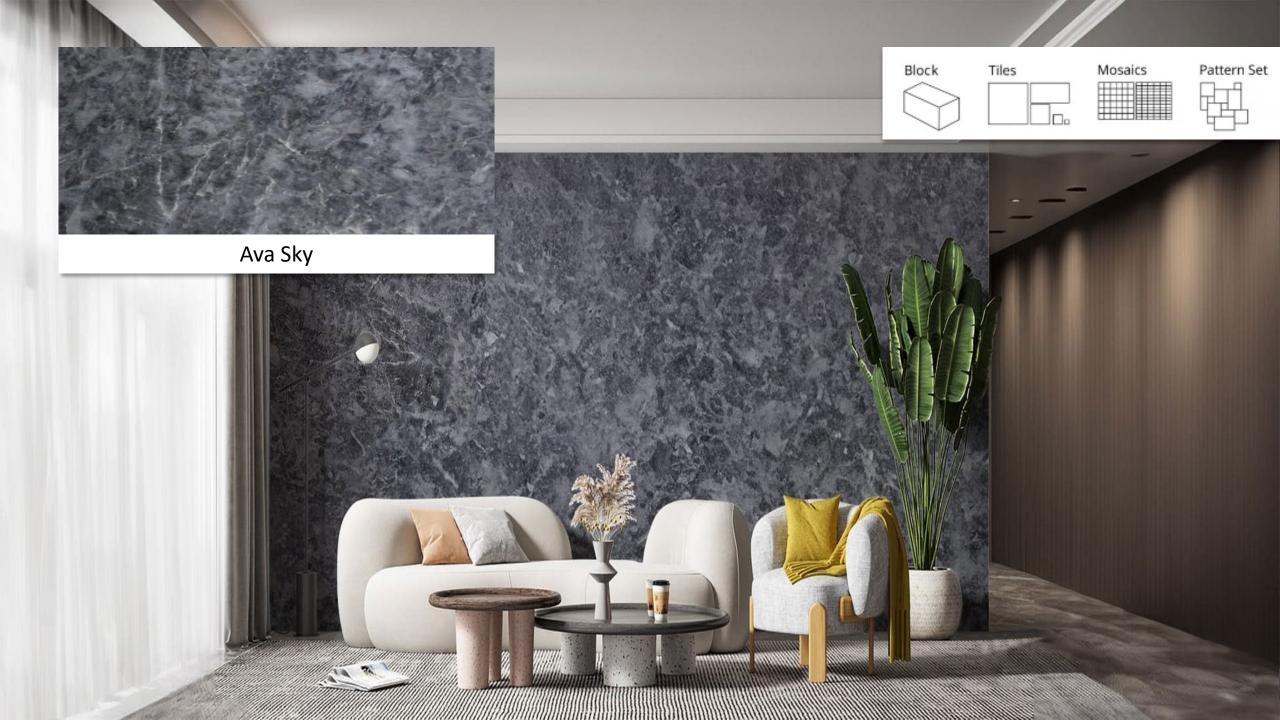


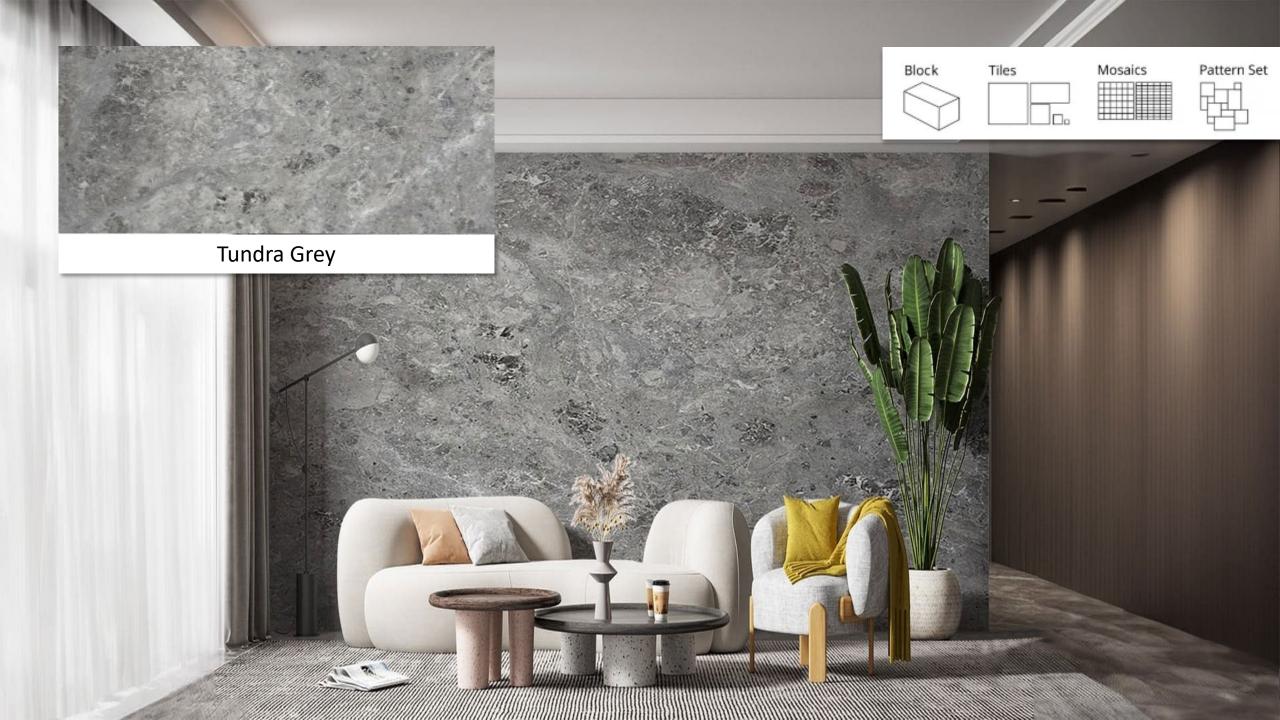


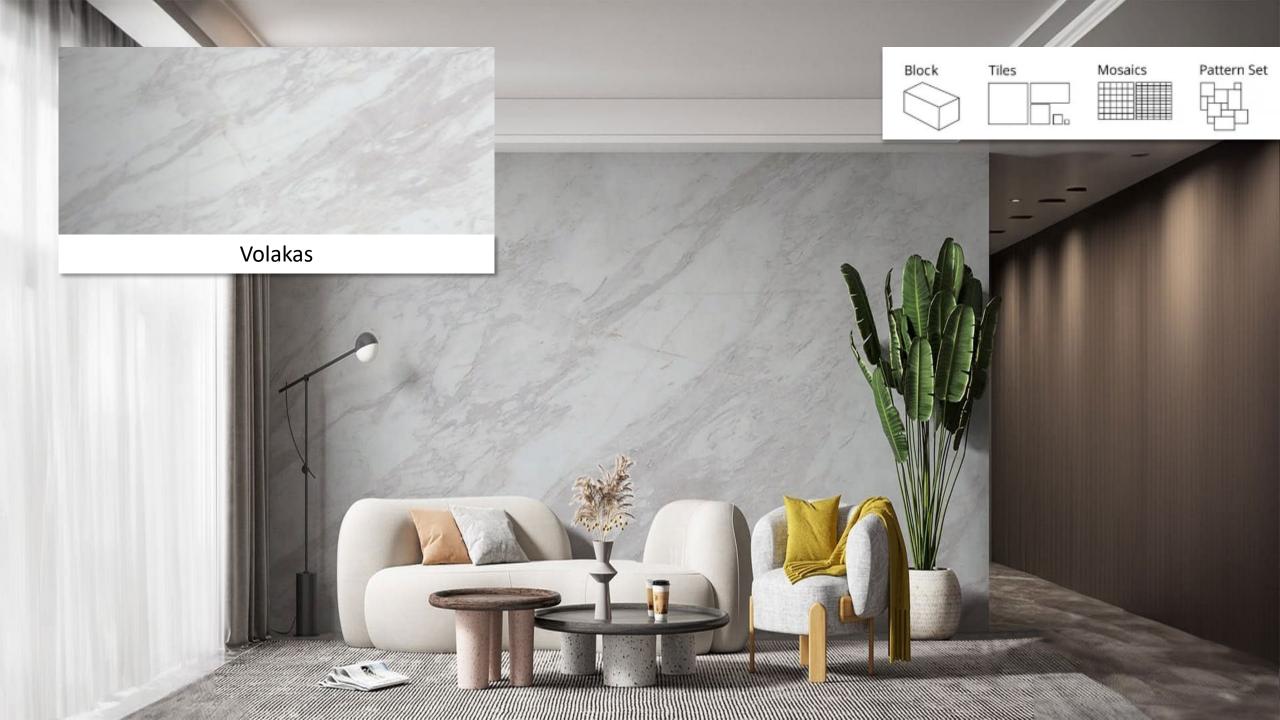


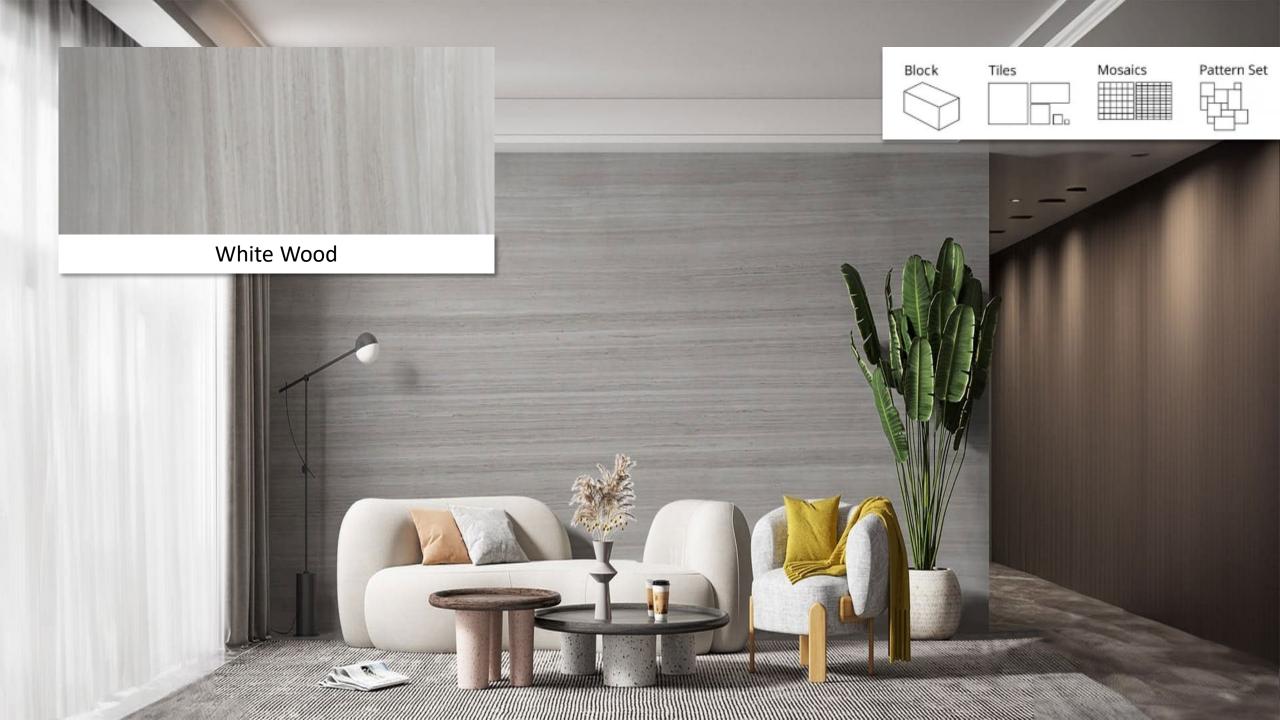


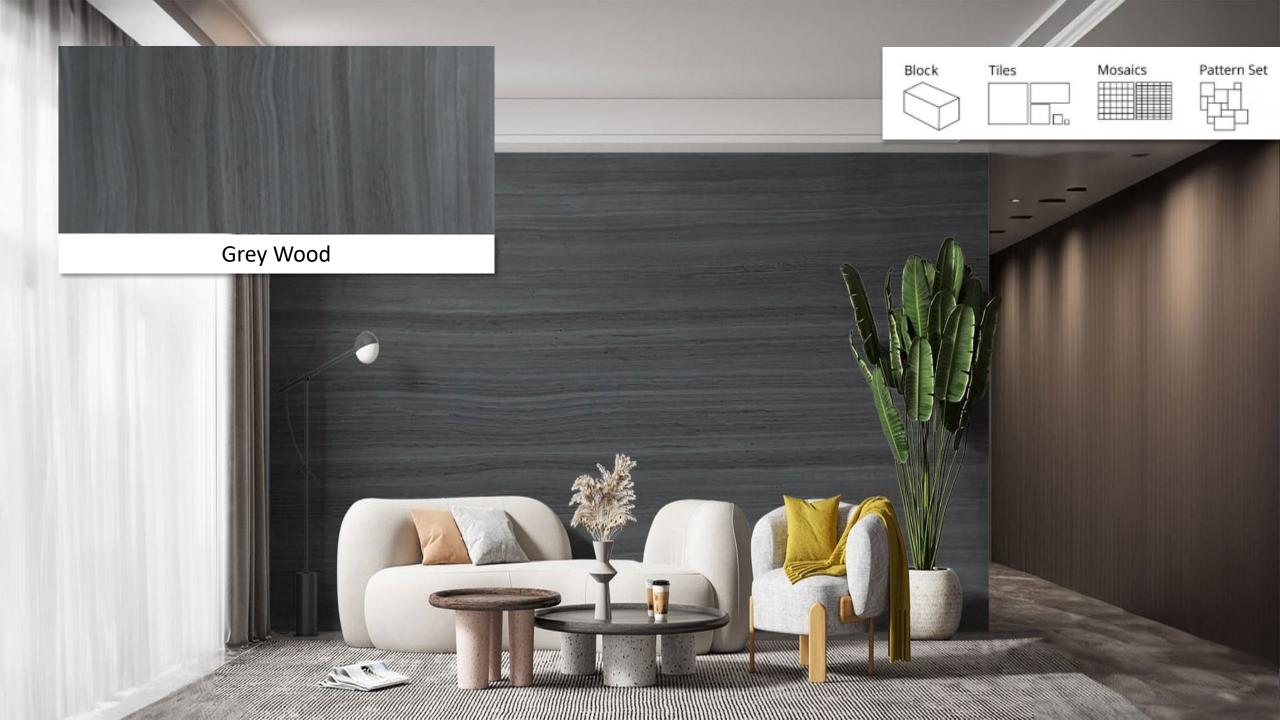


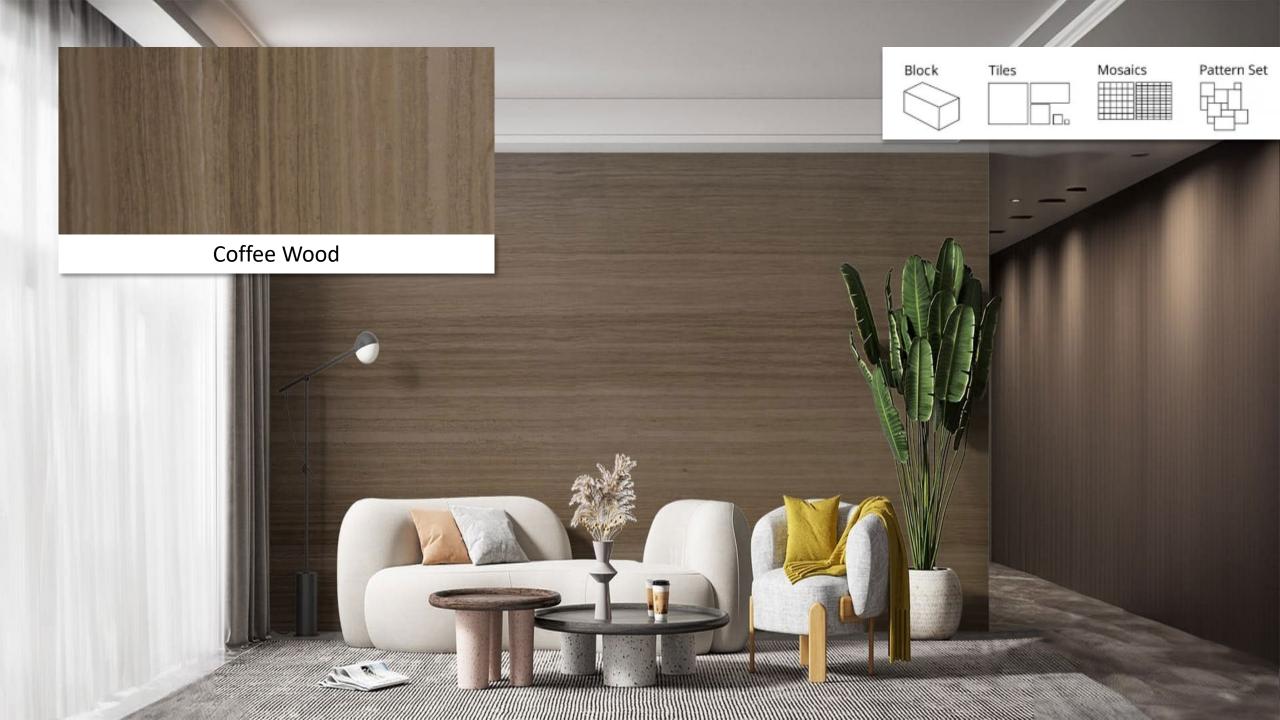




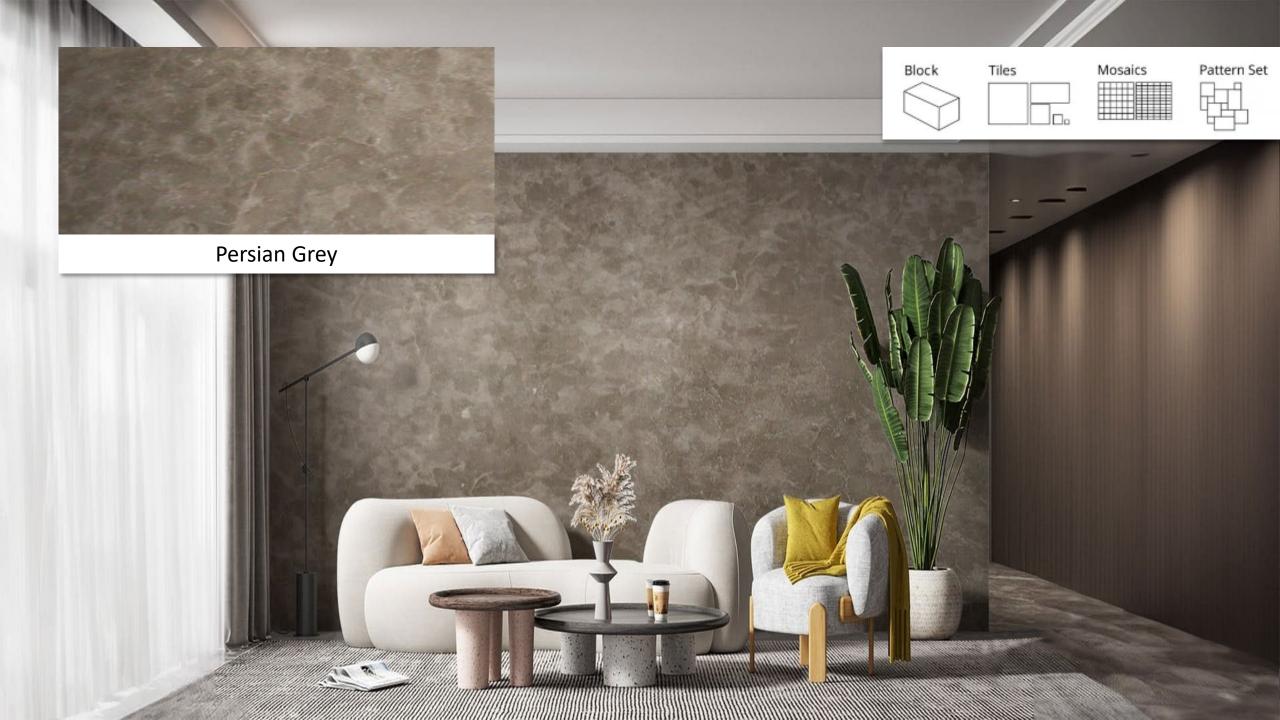


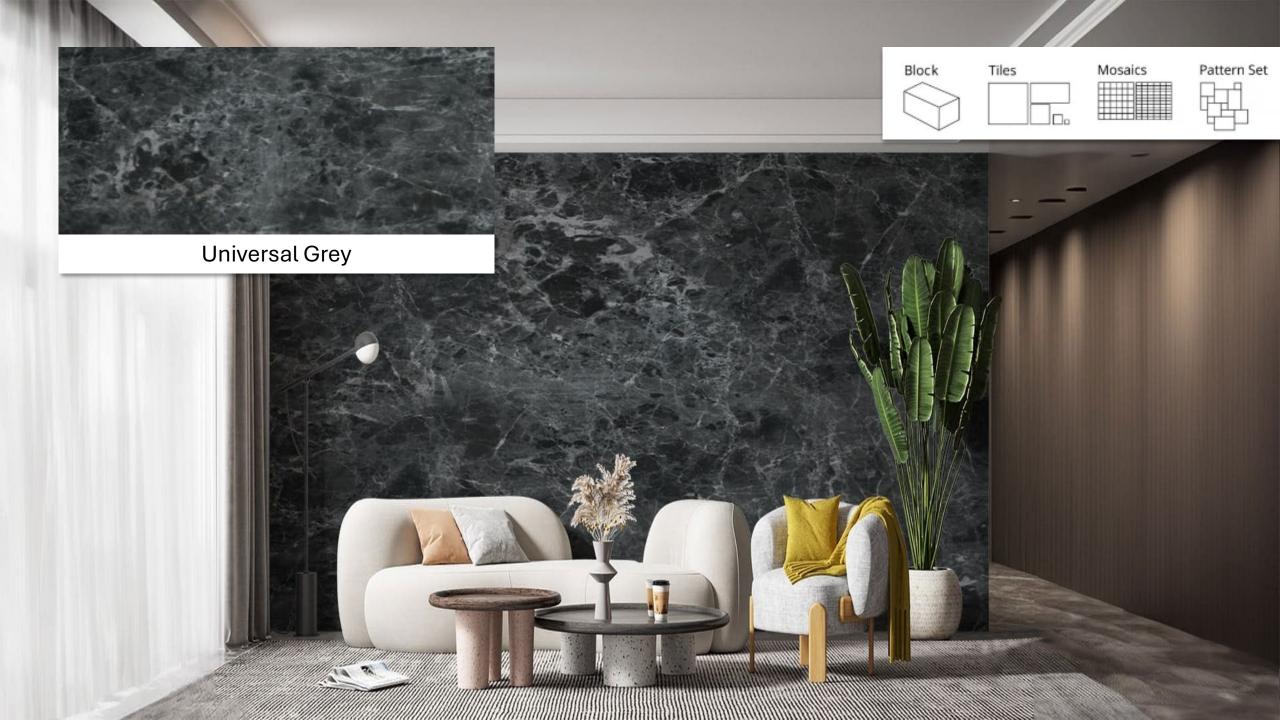








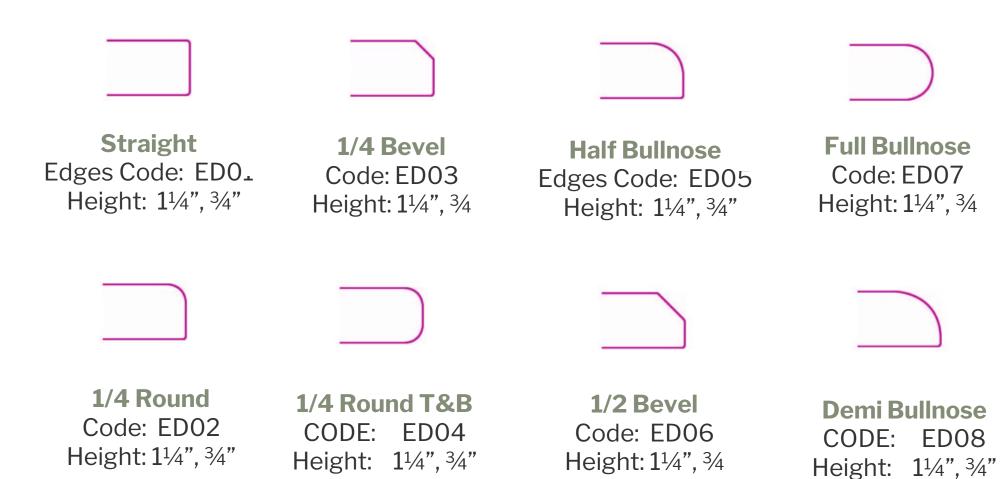


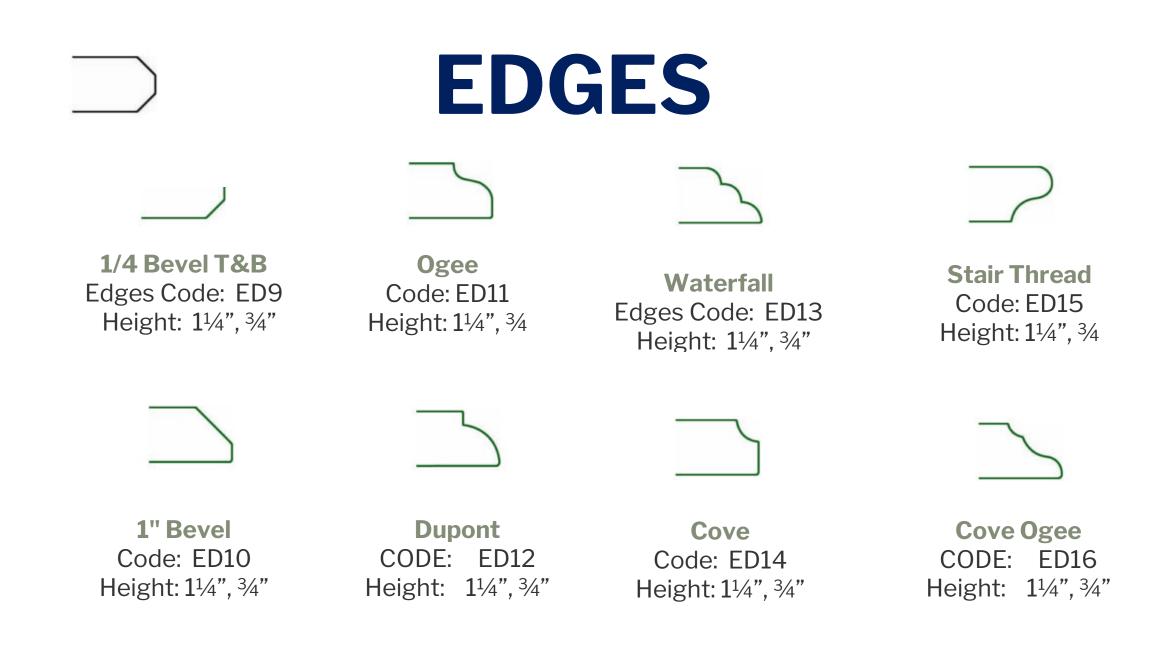






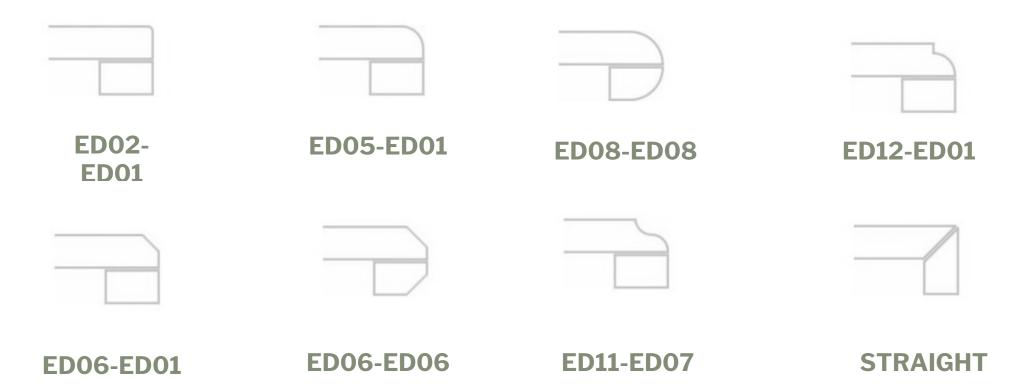
EDGES





Double Edge

Some of the edge's styles can be added to another for thickness appearance. The edges that can be added as a supplement to another style are: ED01 - ED07 - ED08 - ED10 And the straight supplement appearance; as shown in the photos below



PACKAGING





TECHNICAL DATA SHEET

Applications ,Surface Finishes ,Physical and Mechanical Properties and Recommended Treatment of The Marble

										Egy	ptian N	larble								
Marbla	Application Cladding Floors						Surface Finishing					Physical and Mechanical Properties							Treatment	
Marble Type	External	Internal	External		Heavy Traffic	Light Traffic	Honed	Brushed	Brush hammered	Acid wash	Polished	Minum um Thick.	Compressive Mpa	Tensile strength (MPa)	Abrasion resistance (Ha)	Density (gm/cm3)	Modulus of rupture (PSI)	Water absorption %	Need salt treatment	
Alabaster	×	۷	×	V	×	۷	۷	×	×	×	V	20m	104	18	N/A	2.73	21	0.12	×	surface
Mareolla	v	۷	۷	٧	×	V	۷	٧	٧	v	۷	10m	133	16	26.4	2.618	20	0.29	v	eaned su "Top" Stairs
Breccia sinai	v	۷	۷	V	x	۷	۷	۷	۷	v	v	10m	202	16	33.9	2.662	20	0.26	v	
Filetto Hassana	V	۷	۷	V	×	۷	۷	×	٧	v	۷	10m	167	12	31.6	2.675	17	0.17	v	Cladding er On a perfectly dried & Cl Water repellent Siloxanes External paving , Floors &
Galala	V	۷	٧	۷	×	۷	۷	۷	۷	v	۷	10m	176	12.5	31.6	2.675	18	0.17	٧	Clad rectly ellent aving
Golden cream	٧	۷	۷	٧	×	۷	٧	۷	x	v	۷	10m	103	12	40.1	2.561	17	1.42	٧	n a pe ter rep rnal p
Golden sinai	V	۷	۷	٧	x	۷	۷	٧	v	v	۷	10m	202	16	33.9	2.662	20	0.26	٧	-Polyester On a perfectly dried & Cl -Water repellent Siloxanes External paving , Floors &
Hashma	v	۷	۷	۷	×	۷	×	×	×	v	×	30m	102	11	21.3	2.156	12	7.39	×	-Polye
Khatmeya	V	۷	۷	۷	×	۷	۷	۷	v	v	۷	10m	156	14	26.5	2.567	16	1.31	V	
Samaha	۷	۷	۷	۷	×	۷	۷	v	v	v	V	10m	213	20	38.1	2.627	26	0.12	٧]
Siivia	۷	۷	۷	۷	×	۷	۷	۷	v	V	۷	20m	104	10	26.7	2.478	14	1.62	٧]
Sinai Pearl	۷	V	۷	۷	x	۷	۷	٧	v	v	۷	10m	156	14	26.5	2.567	16	1.31	٧	
Sunny	v	۷	۷	۷	×	۷	۷	٧	v	v	۷	10m	133	16	26.4	2.618	20	0.29	v	
Millibrown	۷	۷	۷	۷	×	۷	۷	۷	٧	v	۷	10 m	190	22	38.9	2.61	28	1.32	٧	

Applications ,Surface Finishes ,Physical and Mechanical Properties and Recommended Treatment of The Egyptian Granite

								Egy	ptian G	iranite								
	Application Cladding Floors							Surface Finishing				Physical and Mechanical Properties						
Granite Type	External	Internal	External		Heavy Traffic	Light Traffic	Honed	Brushed	Flammed	Polished	Minumum Thick.	Compressive Mpa	Tensile strength (MPa)	Abrasion resistance (Ha)	Density (gm/cm3)	Modulus of rupture (MPa)	Water absorption %	
Bianco Halayieb	V	V	V	٧	٧	٧	٧	V	V	V	10m	180	13.7	48.6	2.659	17.2	0.28	
White Safaga	v	v	v	v	٧	٧	٧	٧	v	٧	10m	147	14.9	38.1	2.627	17.9	0.12	
Ghiandone Aswan	V	V	V	V	٧	٧	V	V	v	V	10m	148	12.8	45.5	2.634	16	0.09	
Ghazal light	V	v	V	V	v	v	V	V	V	V	10m	165	12.8	40.1	2.645	16	0.07	
Ghazal dark	V	v	V	v	٧	٧	V	v	v	v	10m	171	13.7	40.6	2.647	16.5	0.08	
Verdi	v	V	V	v	V	٧	V	٧	v	V	10m	174	11.6	18.42	2.64	13.9	0.17	
Red Royal	V	V	V	v	V	V	V	V	v	v	10m	140	10.9	43.8	1	13.7	0.13	
Red Fersan	V	v	V	v	v	٧	٧	v	v	v	10m	150	12.8	43.5	2.634	16	0.08	
Grey Stone	V	V	V	V	٧	V	V	٧	v	V	10m	147	14.9	38.1	2.627	17.9	0.12	
Red Aswan	V	v	V	V	V	٧	V	٧	v	V	10m	217.7	28.7	16.23	2.628	34.6	0.8	
Red Aswan (M)	V	V	V	V	V	v	V	V	v	V	10m	183	13.5	51.7	2.673	16.5	0.06	
Rosa Al Nasr	V	V	V	v	v	٧	V	V	v	V	10m	157	12.5	40.6	2.639	15.2	0.15	
Sharm	V	v	V	V	V	٧	V	٧	v	V	10m	170	16.5	47.7	2.637	17.9	0.05	
Karnak grey	V	v	V	V	V	V	V	V	v	V	10 m	147	16.5	38.1	2.627	17.9	0.12	
Nero Aswan	٧	٧	٧	V	٧	٧	٧	٧	v	V	10m	204	32.4	51.9	2.854	34.9	0.03	
Red Nefertari	V	V	V	V	V	٧	٧	٧	v	V	10m	150	13.3	43.5	2.634	16	0.08	
Rosa Hodi Dark	V	V	V	V	V	V	V	V	V	V	10m	150	13.5	39.6	2.638	16.5	0.09	
Rosa Hodi Light	V	v	V	V	V	V	V	V	v	v	10m	156	12.6	39.1	2.635	15.2	0.19	
Rosa Kali	V	V	V	V	V	٧	V	V	v	v	10m	163	13.3	45.2	2.616	16	0.09	
Rosa Sinai	V	٧	V	V	٧	٧	V	V	v	v	10m	157	12.7	40.6	2.639	15.2	0.15	
Royal Red	V	v	V	٧	V	V	V	V	v	v	10m	140	11.3	43.8	2.621	13.7	0.13	
Quseir Brown	V	v	V	٧	٧	٧	V	V	v	v	10m	162	13.6	43.1	2.674	16.5	0.04	
Breccia Fawakhir	V	V	V	V	v	v	V	V	v	V	10m	197	14.3	53.1	2.808	17.2	0.02	

Some physico-mechanical parameters of Egyptian limestones

Stone Name	Compressive Strength (PSI)	Tensile Strength (PSI)	Abrasion Resistance (Ha)	Density (Kg/m ³)	Water Absorption%	Modulus of Rupture (PSI)
Golden Cream	10300	1200	40.1	2.561	1.42%	1700
Sunny Dark	13300	1600	26.4	2.618	0.29%	2000
Sunny Light	13300	1600	26.4	2.618	0.29%	2000
Perlato	20200	1600	33.9	2.662	0.26%	2000
Sinai Pearl (Triesta) Light	15600	1400	26.5	2.567	1.31%	1600
Sinai Pearl Dark	19800	1900	38.8	2.628	0.89%	1900
Khatmeya	15600	1400	26.5	2.567	1.31%	1600
Rosa Cream	20200	1600	33.9	2.662	0.26%	2000
Galala	17600	1250	31.6	2.675	0.17%	1800
Galala Classic	18300	1300	34.8	2.627	0.12%	1800
Galala Extra	16900	1400	29.8	2.581	0.12%	1800
Silvia	10400	1000	26.7	2.478	1.62%	1400
Golden Sinai	20200	1600	33.9	2.662	0.26%	2000
Imperial Brown	19800	2200	35.2	2.156	0.06%	2200
Imperial Grey	20200	2300	33.9	2.662	0.05%	2000
Imperial Beige	22580	2880	45.5	2.156	0.01%	2000
Imperial Bronze	21300	2000	38.1	2.627	0.08%	2600
Aquanile	15650	2900	29.8	2.581	0.12%	2000

Some physico-mechanical parameters of Egyptian granites

Rock Name	Compressive Strength (PSI)	Tensile Strength (PSI)	Abrasion Resistance (Ha)	Density (Kg/m ³)	Water Absorption%	Modulus of Rupture (PSI)
Gandonna	21500	2400	45.5	2.634	0.09%	2300
Verdi Ghazal Light	23900	2000	40.1	2.645	0.07%	2300
Verdi Ghazal Dark	24800	2200	40.6	2.649	0.08%	2400
Red Hurghada	22300	2200	43.8	2.621	0.13%	2000
Grey Stone (Sherka)	21300	2000	38.1	2.627	0.12%	2600
Karnak Grey	21300	2000	38.1	2.627	0.12%	2600
Nero Aswan	29600	4700	51.9	2.854	0.03%	4500
Red Aswan Light	26500	2200	51.7	2.673	0.06%	2400
Red Aswan Dark	21500	22	43.5	2.634	0.08%	2300
Houdy Dark	21700	2100	39.6	2.638	0.09%	2400
Houdy Light	22600	1900	39.1	2.635	0.19%	2200
Imperial Rose	23700	2200	45.2	2.616	0.09%	2300
Imperial Red	20300	1900	43.8	2.621	0.13%	2000
Sahara Brown	23500	2300	43.1	2.674	0.04%	2400
Bianca Halayeb	26100	2300	48.6	2.659	0.28%	2500
Red Royal	20300	1900	43.8	2.621	0.13%	2000

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ISO 14001:2015 CERTIFIED ENVIRONMENTAL MANAGEMENT SY 970424B ISO 45001:2018 CERTIFIED OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM 970424C