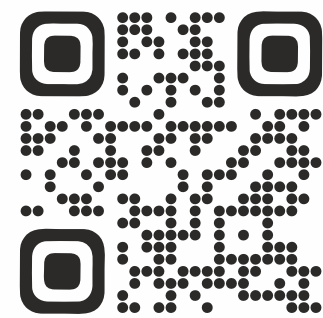


SEGA
TILES



GRANDEUR
OF THE ELEMENTS



www.segatile.com

SEGA
TILES

Sega Granito LLP

Registered office:
Morbi-Halvad Highway,
At.- Nichimandal,
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Email: info@segatile.com

Corporate office:
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Andheri East. Mumbai 400059
Email: mumbai@segatile.com
Landline: 22 4802 4979



Azulejo
COLLECTION

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SEGA
TILES

**MASTER
BOOK 2024**
CERAMIC TILES

www.segatile.com

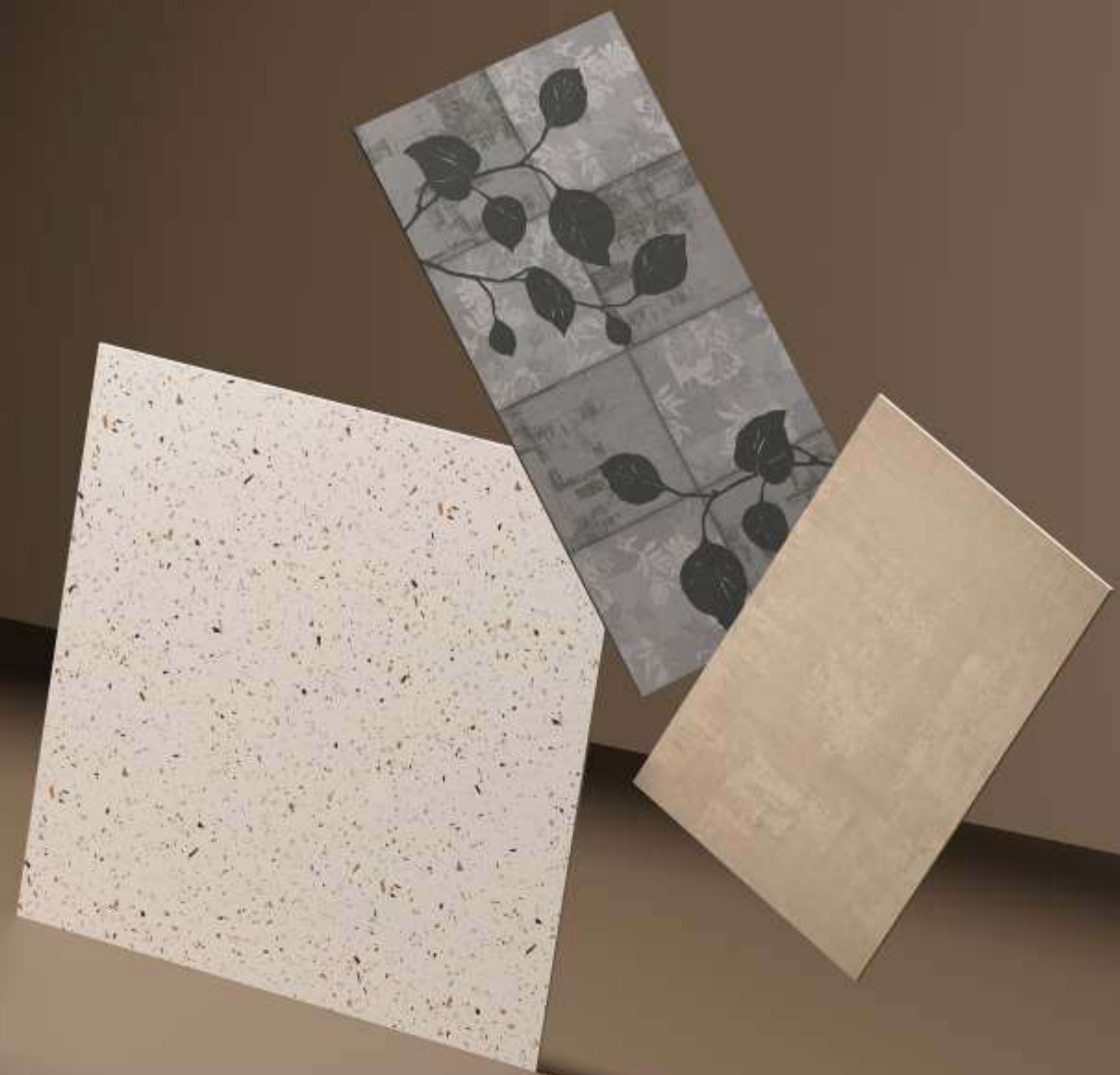
At Sega Granito LLP, we pride ourselves on a legacy of excellence, blending rich experience with cutting-edge innovation in manufacturing and exporting top-tier Tiles. Our commitment is simple yet profound to deliver world-class porcelain tiles of superior quality at affordable prices. With a relentless pursuit of superiority and invention, we redefine standards and inspire spaces worldwide.

Azulejo
COLLECTION

SEGA IS
**THE NEW
LUXURY**



BEYOND
**THE
COLLECTION**



**AVAILABLE
SIZES &
SURFACES**

3

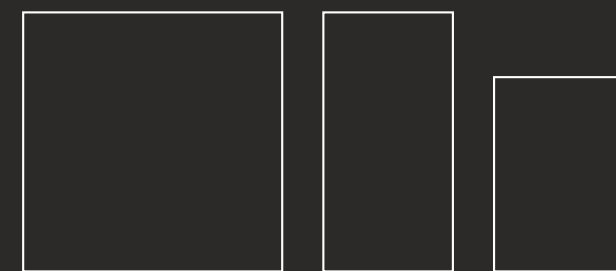
SIZES

600x600mm FLOOR TILES
300x450mm WALL TILES
300x600mm WALL TILES

4

SURFACES

MATT | GLOSSY
PUNCH | SUGAR
ELEVATION | PASTEL
SPECIAL COLOR



**CERAMIC
TILES**

FEATURES AND APPLICATION AREAS

Designed for an endless luxurious experience, the tiles of the collection are superiorly functional and most apt for modern life and households with numerous efficient features and wide application possibilities

APPLICATION AREA'S



Reception



Kitchen



Living Room



Sallon & Spa



Offices



Restaurants & Hotel



Bathroom



Showroom

TILE FEATURES



Recycled Material



Easy to Install



Resists Harsh Weather Conditions



Resists Water



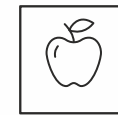
Resistance to Acids and Bases



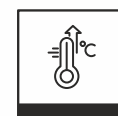
Eco-Friendly



Stain Resistance



Hygienic



Resistance to Thermal Shocks



100% Water Proof



Easy Cleaning



Resists Fire



**600x
600mm**

Our 600x600 ceramic floor tiles offer a perfect blend of modern aesthetics and lasting durability. Ideal for both residential and commercial spaces, these tiles come in a range of textures and shades to suit any design vision.



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Matt

This collection features a sophisticated, structured surface with a matte finish, effectively eliminating any shine. Versatile across all areas, it subtly enhances the appeal of any ambiance.

Preview of Celestial Dark Grey

AZULEJO COLLECTION | 600x600mm | MATT FINISH



CELESTIAL DARK GREY - R1



CELESTIAL DARK GREY - R2



CELESTIAL DARK GREY - R3



COSIMA STATUARIO - R1



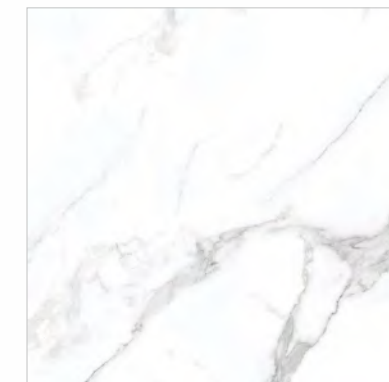
COSIMA STATUARIO - R2



COSIMA STATUARIO - R3



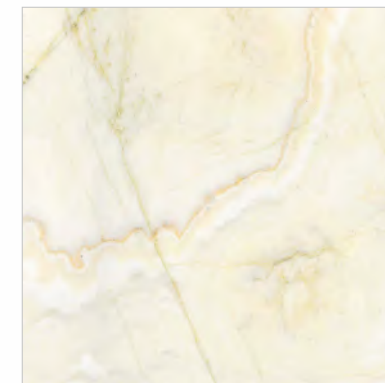
CULCATTÀ WHITE - R1



CULCATTÀ WHITE - R2



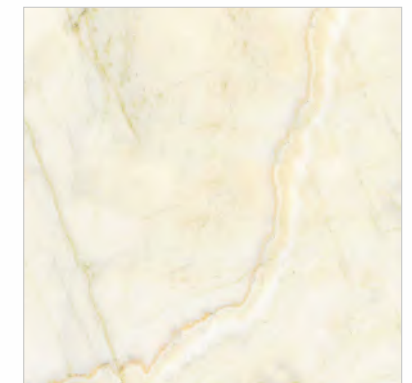
CULCATTÀ WHITE - R3



DORY ONYX - R1



DORY ONYX - R2

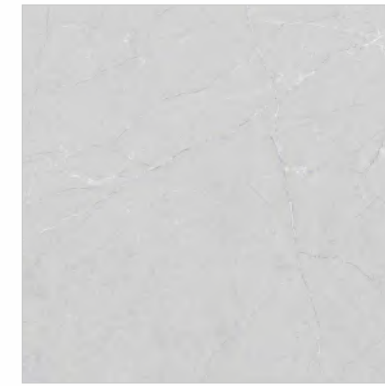


DORY ONYX - R3



Preview of Dorlin Grey

AZULEJO COLLECTION | 600x600mm | MATT FINISH



DORLIN GREY



PRISTINE GREY



PRISTINE WHITE



SILKEN BROWN



SILKEN CREMA



SILKEN GREY



SILKEN LIGHT GREY



Preview of Cumaru Darkwood



CUMARU DARKWOOD



CUMARU LIGHTWOOD



DARK OAKWOOD



MAPLE STRIPS



TEAK STRIPS



WALNUTWOOD

AZULEJO COLLECTION | 600x600mm | MATT FINISH



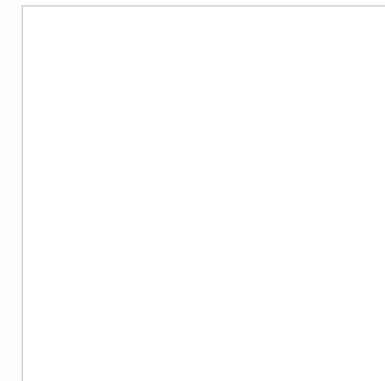
Moroccan

This collection features a sophisticated, structured surface with a matte finish, effectively eliminating any shine. Versatile across all areas, it subtly enhances the appeal of any ambience.

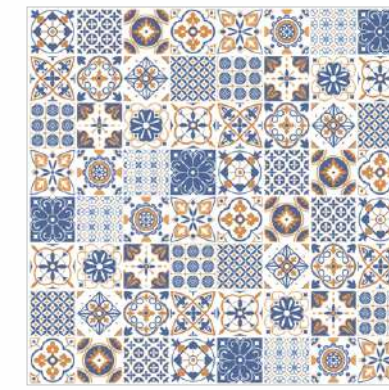
AZULEJO COLLECTION | 600x600mm | MOROCCAN



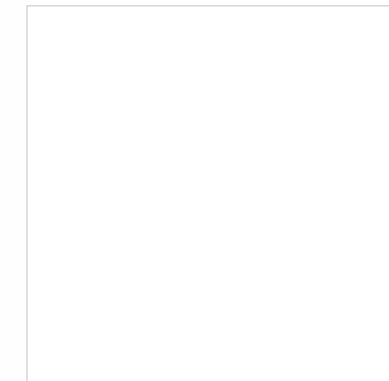
AKRON BLUE MOROCCAN



PLAIN WHITE



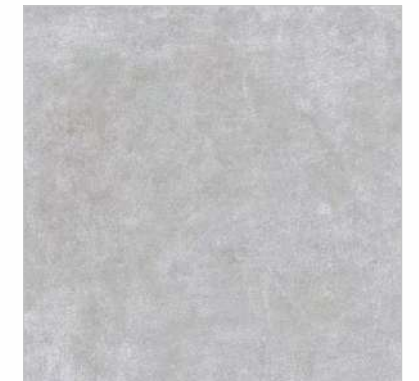
MEDIEVAL BLUE MOROCCAN



PLAIN WHITE



MEDIEVAL GREY MOROCCAN



BRITON GREY



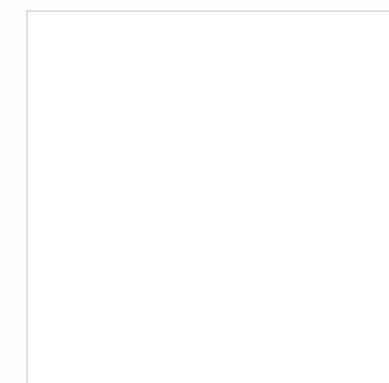
MIRAJ GREY MOROCCAN



BRITON SILVER



ROYAL AZUL MOROCCAN



PLAIN WHITE



Preview Of Imperial Moroccan

AZULEJO COLLECTION | 600x600mm | MOROCCAN



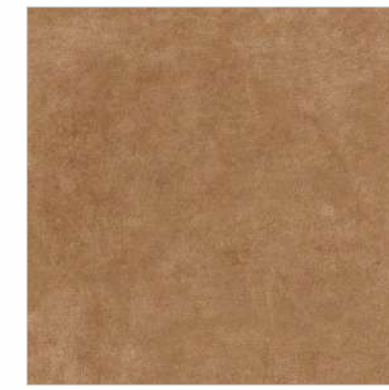
IMPERIAL MOROCCAN



MAJESTIC MOROCCAN



MARIN BLACK MOROCCAN



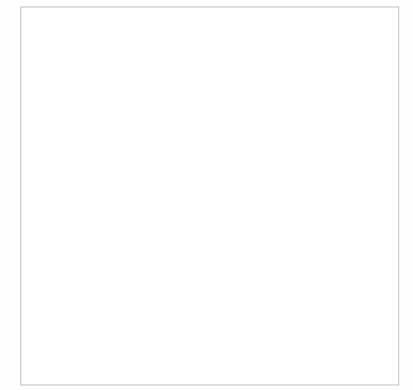
BRITON BROWN



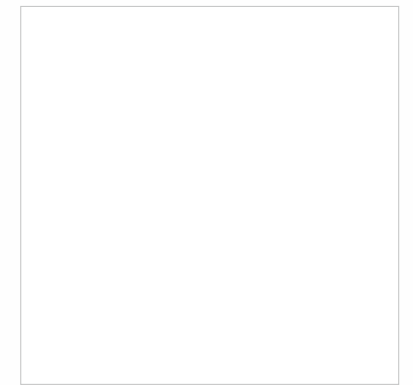
BRITON BLUE



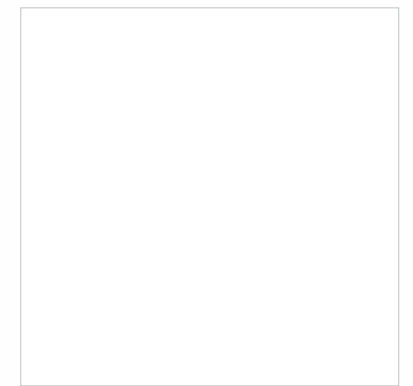
PLAIN BLACK



PLAIN WHITE



PLAIN WHITE



PLAIN WHITE



Preview Of Modena Moroccan

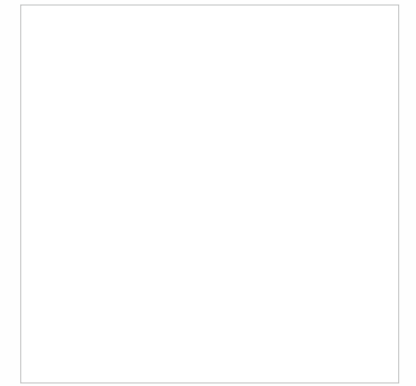
AZULEJO COLLECTION | 600x600mm | MOROCCAN



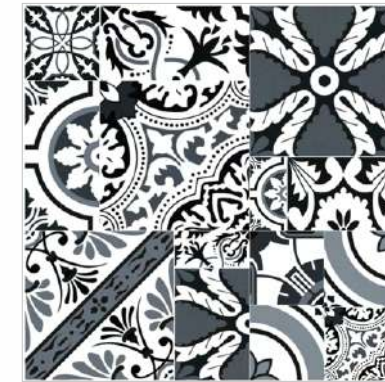
MODENA MOROCCAN



PLAIN BLACK



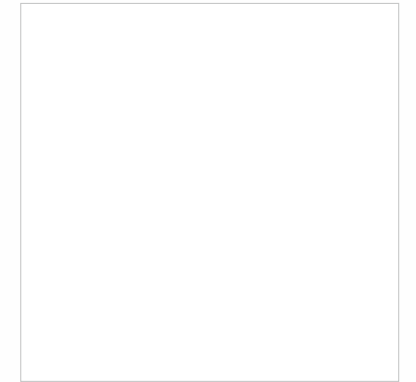
PLAIN WHITE



MONOCHROME MOROCCAN



PLAIN BLACK



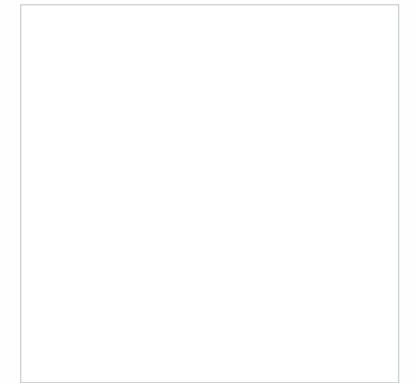
PLAIN WHITE



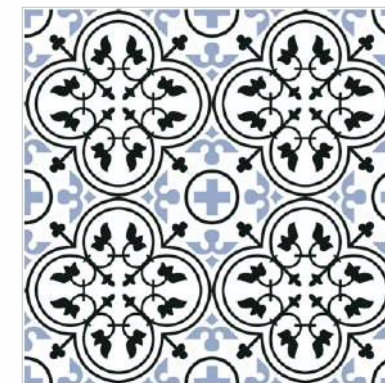
ROYAL FLUSH MOROCCAN



PLAIN BLACK



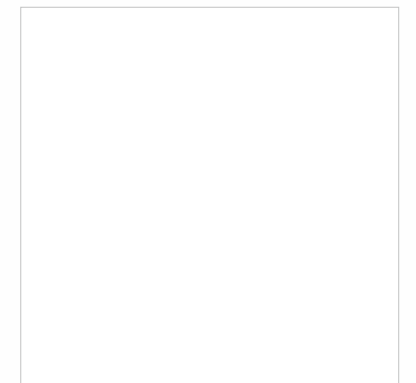
PLAIN WHITE



SAPPHIRE MOROCCAN



PLAIN BLACK

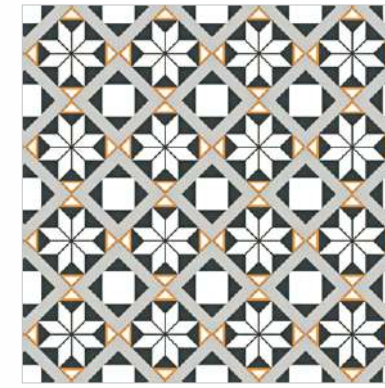


PLAIN WHITE



Preview of Twilight Moroccan

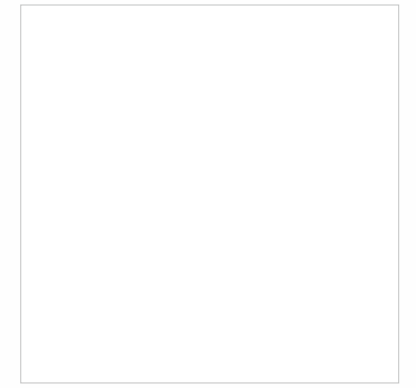
AZULEJO COLLECTION | 600x600mm | MOROCCAN



TWILIGHT MOROCCAN



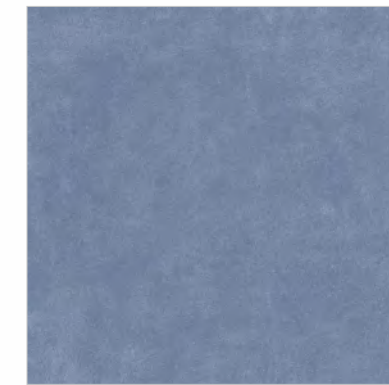
BRITON STEEL



PLAIN WHITE



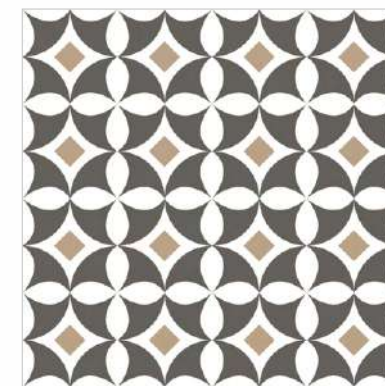
ZELJI MOROCCAN



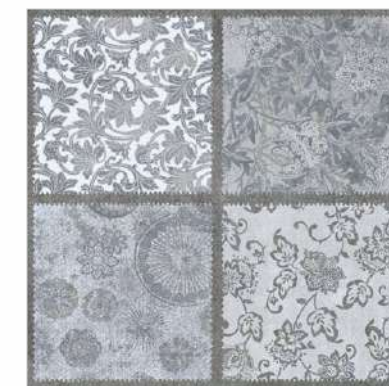
BRITON DARK BLUE



BRITON WHITE



DAZZLING MOROCCAN



FOSSIL GREY MOROCCAN

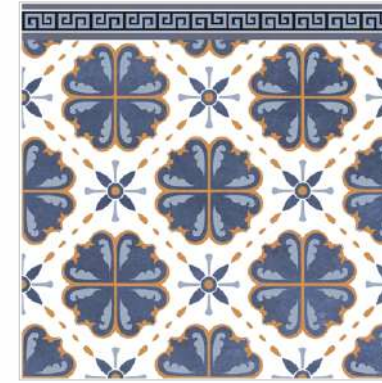


NOVO MOROCCAN

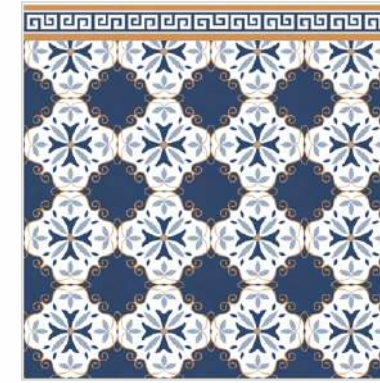


Preview of Velvet Moroccan

AZULEJO COLLECTION | 600x600mm | MOROCCAN



VELVET MOROCCAN-B



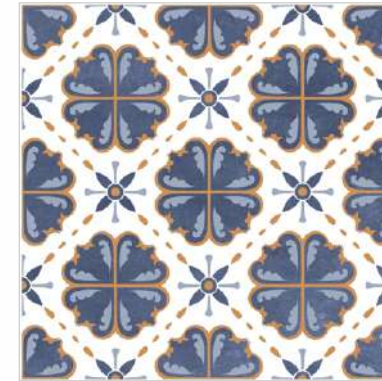
INDIGO MOROCCAN-B



VELVET MOROCCAN-L



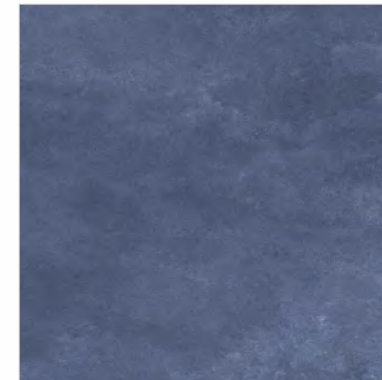
INDIGO MOROCCAN-L



VELVET MOROCCAN-M



INDIGO MOROCCAN-M



VELVET MOROCCAN-D



Punch

This collection features a sophisticated, structured surface with a matte finish, effectively eliminating any shine. Versatile across all areas, it subtly enhances the appeal of any ambiance.

AZULEJO COLLECTION | 600x600mm | PUNCH FINISH



ASH MOSAIC



BRICH MOSAIC



CUMARU DARKWOOD STRIPS



DARK OAK PLANKS



DARK OAK WOOD STRIPS



FINWOOD MOSAIC



FRANKLY MOSAIC



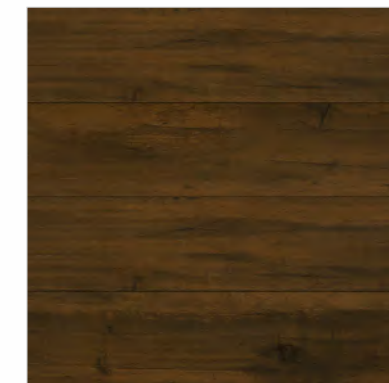
HICORY MOSAIC



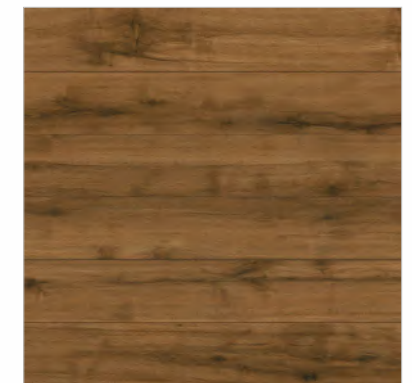
JUNGLY PLANKS



PINE PLANKS



WALNUT PLANKS



WALNUT WOOD STRIPS



Sugar

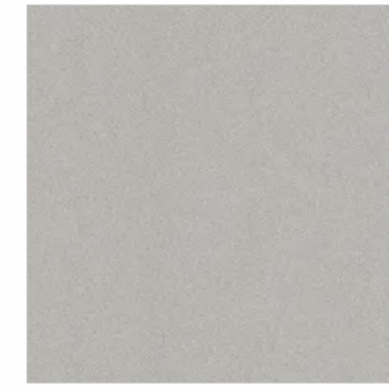
Sugar tiles are characterized by a distinctive granular finish that catches and reflects light, mimicking the twinkle of stars in a night sky. Despite this dazzling effect, their overall appearance is elegantly matte, providing a sophisticated backdrop that accentuates any interior design.

Preview of Costal Terazzo

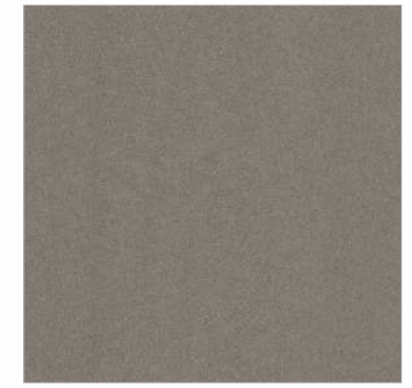
AZULEJO COLLECTION | 600x600mm | SUGAR FINISH



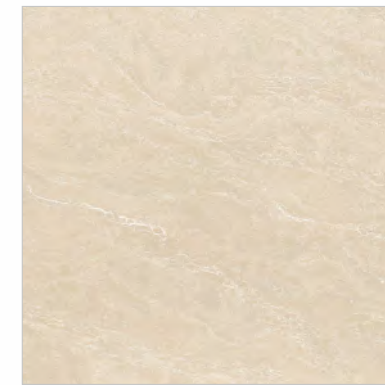
COSTAL TERAZZO



CRYSTAL BIANCO



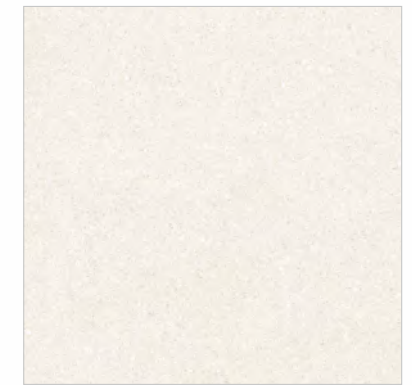
CRYSTAL BROWN



OCEAN BEIGE



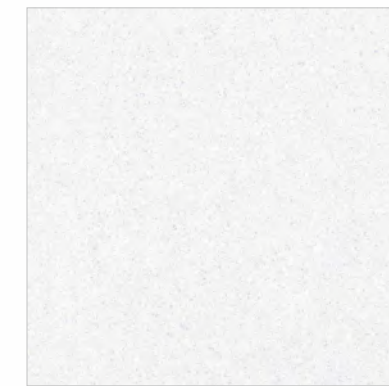
REALSTONE BROWN



REALSTONE CREMA



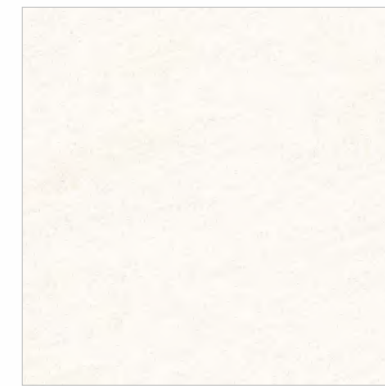
REALSTONE GREY



REALSTONE WHITE



ROMAN RIVERA BEIGE



ROMAN RIVERA CREMA



SEASAND CREMA



300x 600mm

Transform any space with our versatile 300x600 tiles, available in a range of colors and finishes. Perfect for walls and floors, these tiles combine durability with sleek design, ensuring a timeless look that lasts.



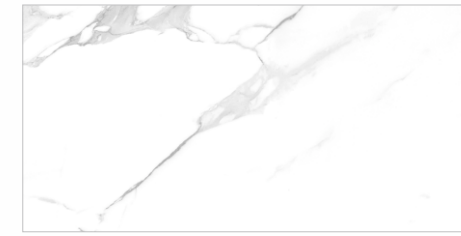
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COLLECTION



Sugar

Sugar tiles are characterized by a distinctive granular finish that catches and reflects light, mimicking the twinkle of stars in a night sky. Despite this dazzling effect, their overall appearance is elegantly matte, providing a sophisticated backdrop that accentuates any interior design.



63033-L



63035-L



63033-HL



63035-HL



63043-L



63043-HL

AZULEJO COLLECTION | 300x600mm | SUGAR FINISH



Preview of 63038

AZULEJO COLLECTION | 300x600mm | SUGAR FINISH



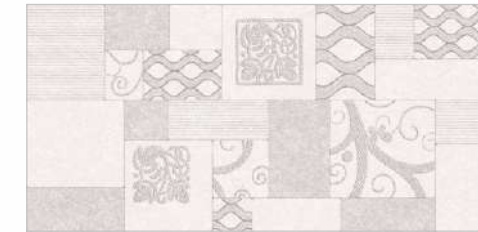
63038-L



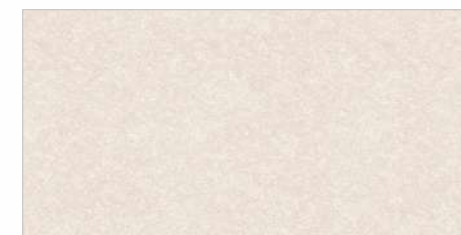
63039-L



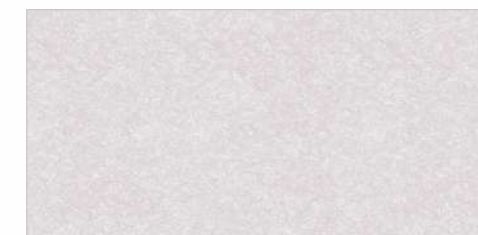
63038-HL



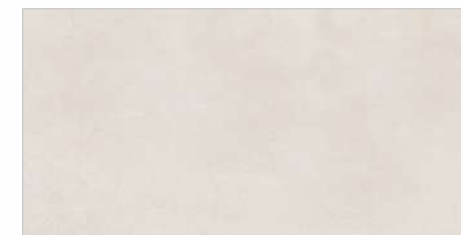
63039-HL



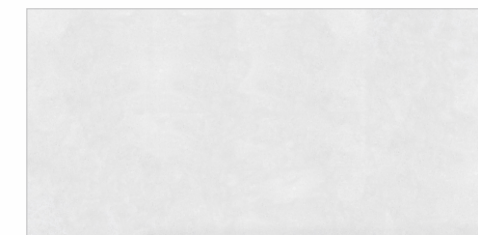
63038-D



63039-D



63040-L



63041-L



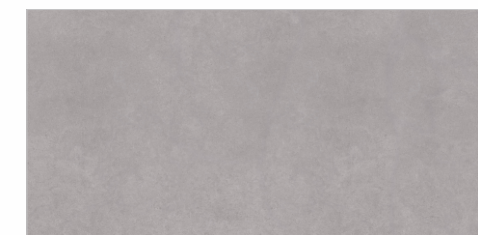
63040-HL



63041-HL



63040-D



63041-D



63042-L



63044-L



63042-HL



63044-HL



63042-D



63044-D

AZULEJO COLLECTION | 300x600mm | SUGAR FINISH



63037-L



63037-HL-A



63037-HL-B



63037-D

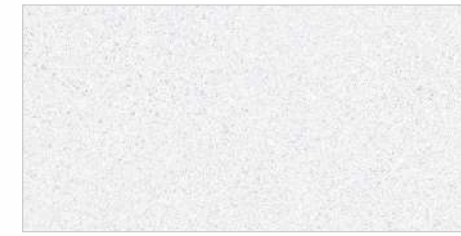
AZULEJO COLLECTION | 300x600mm | SUGAR FINISH



Glossy

Glossy tiles elevate the look of any room with a finish that adds an elegant sheen to the tile surface, making them appear shinier and more reflective.

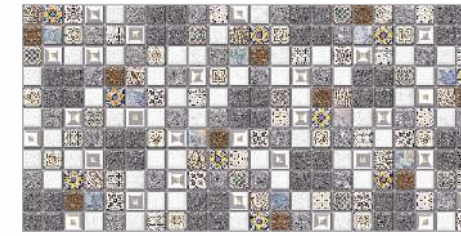
AZULEJO COLLECTION | 300x600mm | GLOSSY FINISH



61378-L



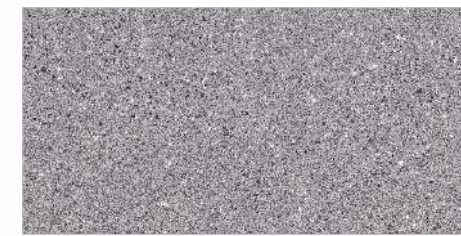
61402-L



61378-HL



61402-HL



61378-D



61402-D



61425-L



61426-L



61425-HL



61426-HL



61425-D

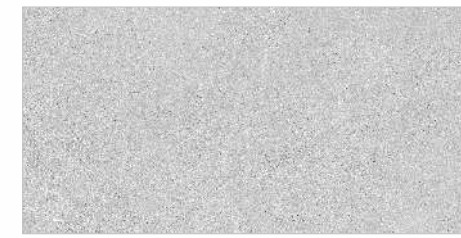


61426-D



Preview of 61447

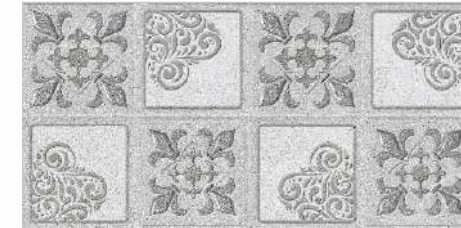
AZULEJO COLLECTION | 300x600mm | GLOSSY FINISH



61447-L



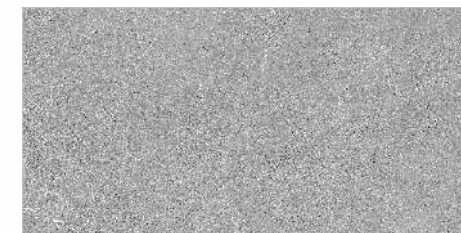
61448-L



61447-HL



61448-HL



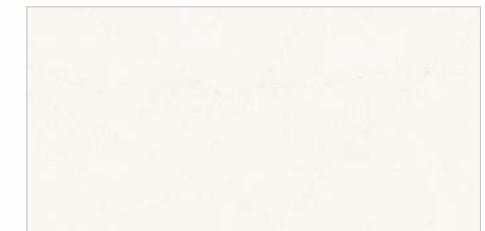
61447-D



61448-D



61478-L



61489-L



61478-HL



61489-HL



61478-HL-2

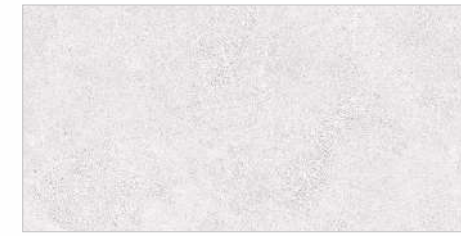


61489-D



Preview of 61490

AZULEJO COLLECTION | 300x600mm | GLOSSY FINISH



61490-L



61491-L



61490-HL



61491-HL



61490-D



61491-D



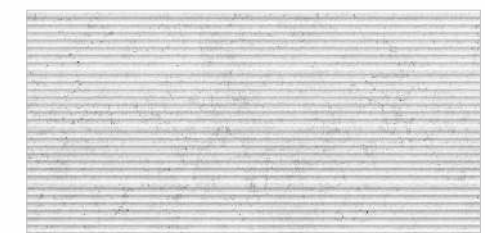
61496-L



61499-L



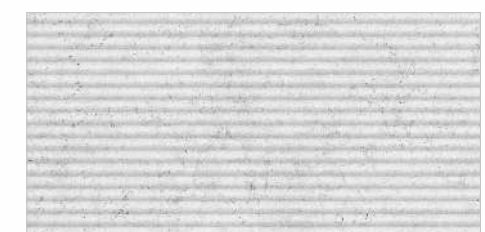
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61499-HL



61496-HL-1-A



61499-HL-1



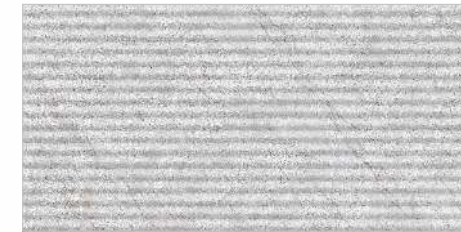
AZULEJO COLLECTION | 300x600mm | GLOSSY FINISH



61495-L



61498-L



61495-HL-1



61498-HL



61495-HL



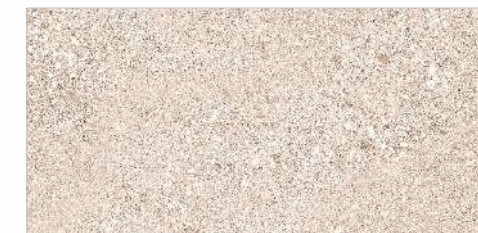
61498-D



61495-D



LINESTONE-GREY



SOHO-BEIGE



Matt

This collection features a sophisticated, structured surface with a matte finish, effectively eliminating any shine. Versatile across all areas, it subtly enhances the appeal of any ambiance.

AZULEJO COLLECTION | 300x600mm | MATT FINISH



61140-L



61600-L



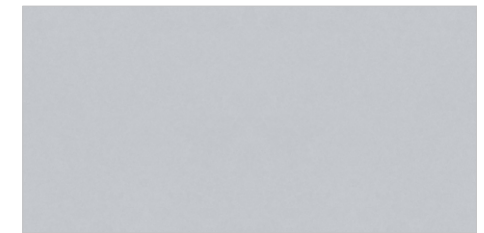
61140-HL



61600-HL



61604-L



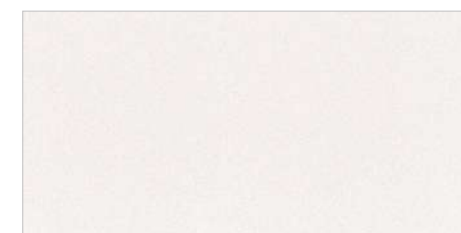
61665-L



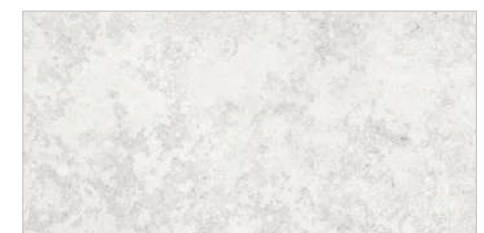
61604-HL



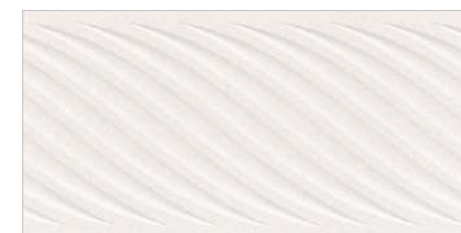
61665-HL



61673-L



61774-L



61673-HL



61774-HL-1

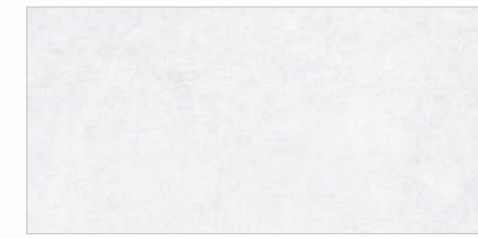


Preview of 61593

AZULEJO COLLECTION | 300x600mm | MATT FINISH



61593-L



61603-L



61593-HL



61603-HL



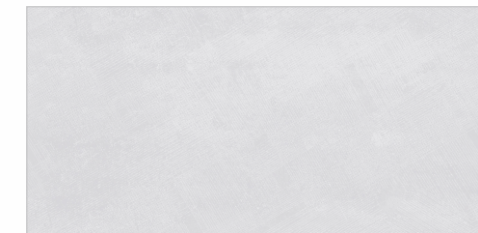
61593-D



61603-D



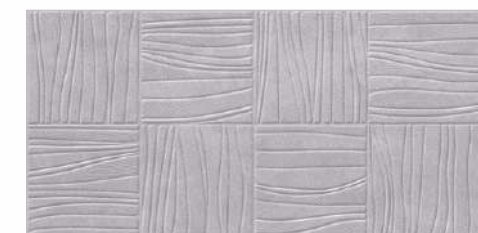
61607-L



61674-L



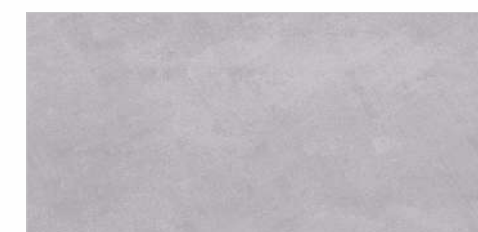
61607-HL-1



61674-HL



61607-HL-2



61674-D

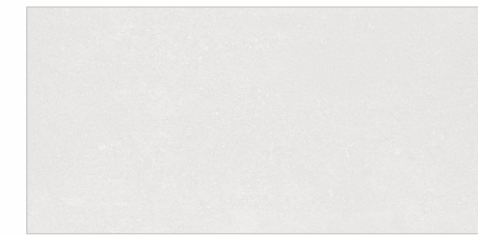


Preview of 61684

AZULEJO COLLECTION | 300x600mm | MATT FINISH



61684-L



61685-L



61684-HL



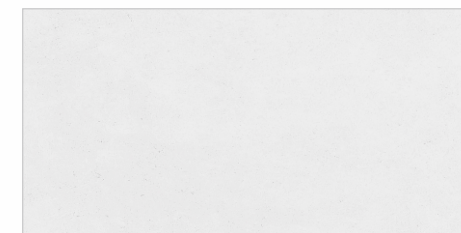
61685-HL



61684-D



61685-D



61700-L



61739-L



61700-HL



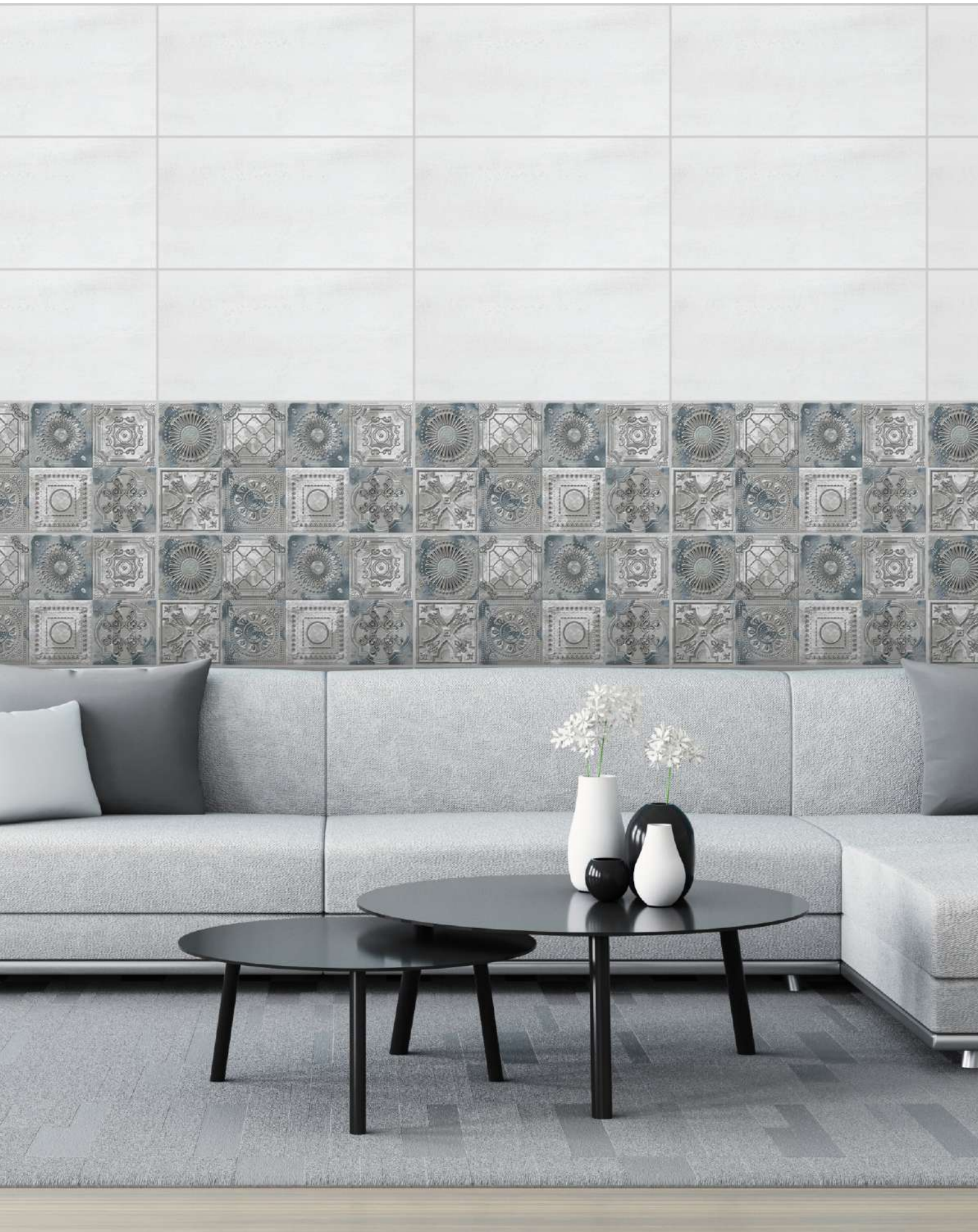
61739-HL



61700-D

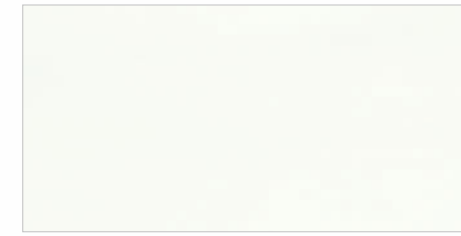


61739-D



Preview of 61772

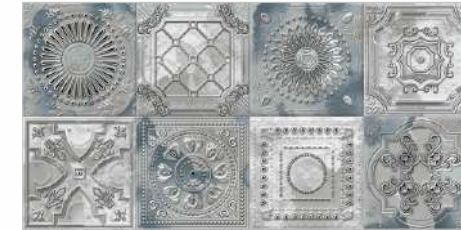
AZULEJO COLLECTION | 300x600mm | MATT FINISH



61772-L



61773-L



61772-HL-1



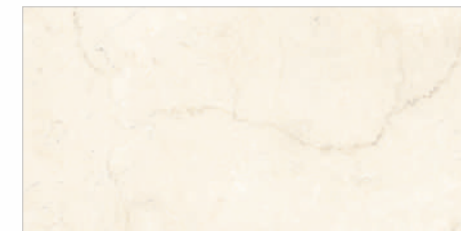
61773-HL-1



61772-D



61773-D



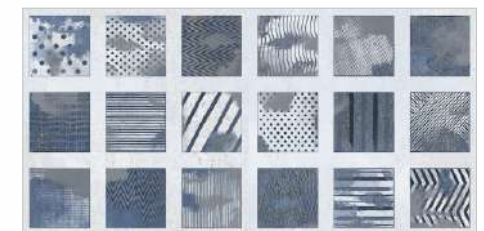
61775-L



61776-L



61775-HL-1



61776-HL-1



61775-D



61776-D

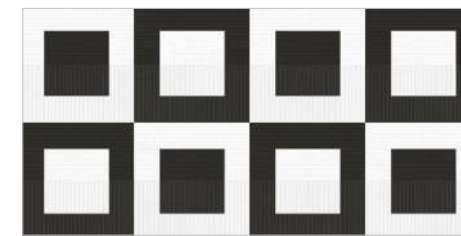


Preview of 61191

AZULEJO COLLECTION | 300x600mm | MATT FINISH



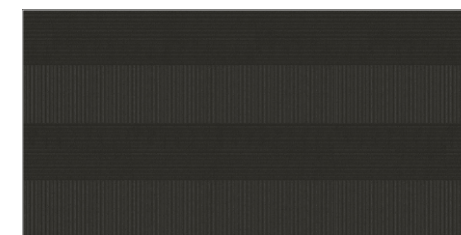
61191-L



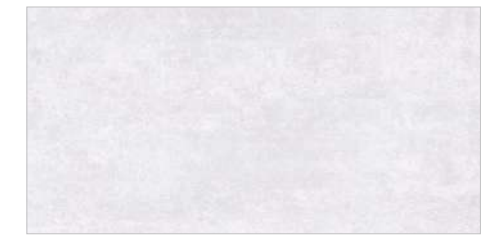
61191-HL



61191-HL-1



61191-D



61620-L



61620-HL



61620-HL-1



61620-HL-2



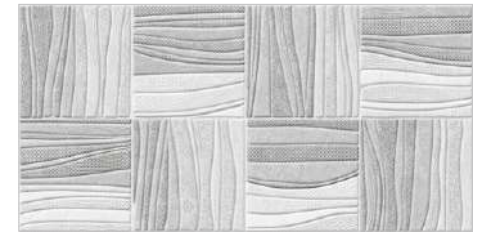
61654-L



61657-L



61654-HL-1



61657-HL



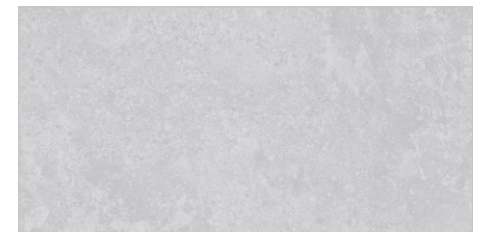
61654-HL-2



61657-HL-1



61654-D



61657-D

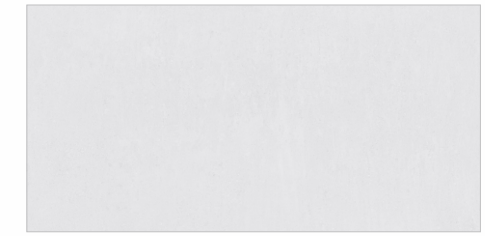
AZULEJO COLLECTION | 300x600mm | MATT FINISH



AZULEJO COLLECTION | 300x600mm | MATT FINISH



61651-L



61697-L



61651-HL



61697-HL A



61651-HL1



61697-HL B



61651-HL2



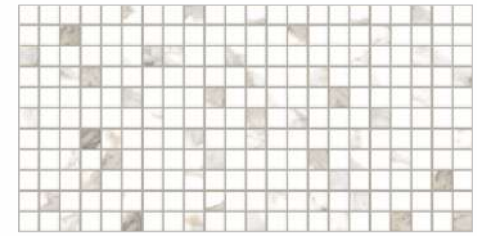
61697-D



61651-D



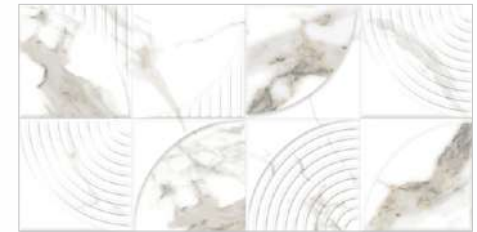
61761-L



61761-HL-5



61761-HL-1



61761-HL-6



61761-HL-2



61761-HL-7



61761-HL-3



61761-HL-8



61761-HL-4



61761-HL-9

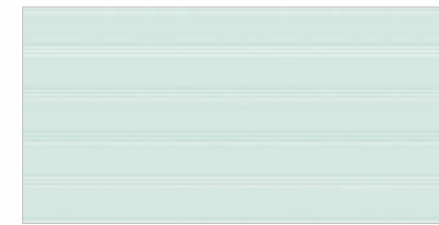
AZULEJO COLLECTION | 300x600mm | MATT FINISH



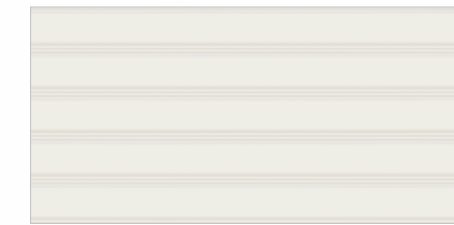
Pastel

This collection features a sophisticated, structured surface with a matte finish, effectively eliminating any shine. Versatile across all areas, it subtly enhances the appeal of any ambiance.

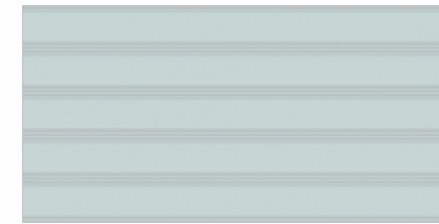
AZULEJO COLLECTION | 300x600mm | PASTEL FINISH



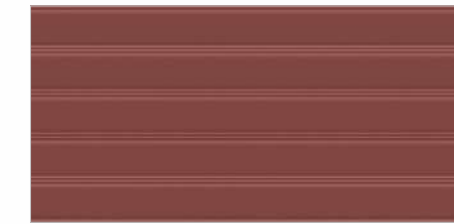
271-1



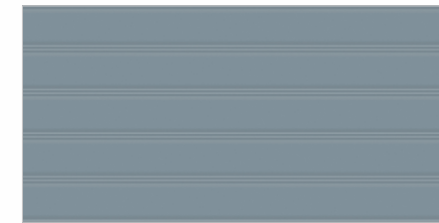
271-2



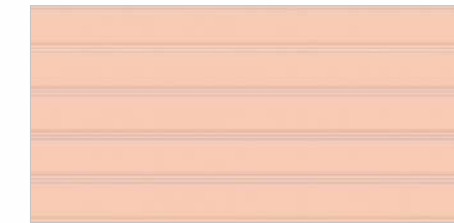
271-3



271-4



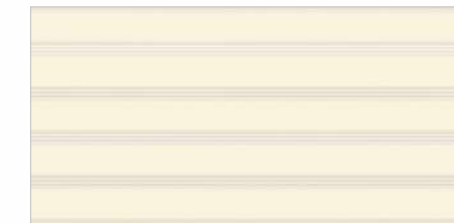
271-5



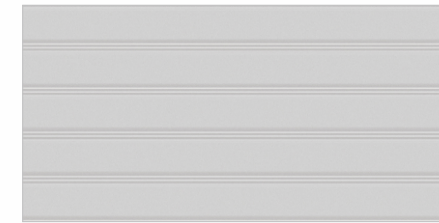
271-6



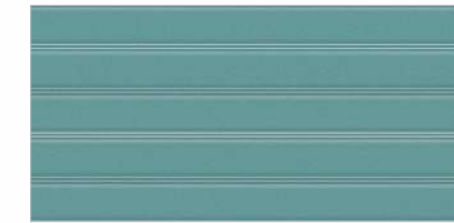
271-7



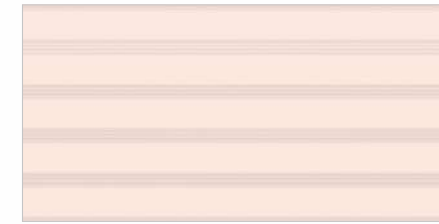
271-8



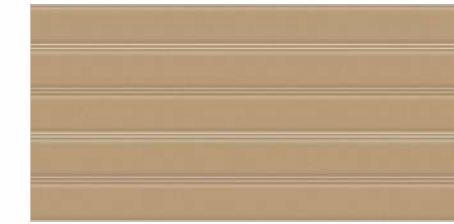
271-9



271-10



271-11



271-12



271-13



COLOR BLACK-271



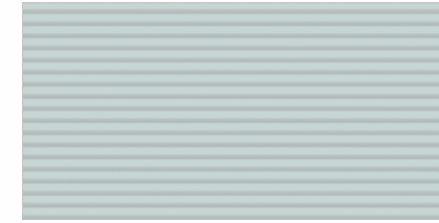
AZULEJO COLLECTION | 300x600mm | PASTEL FINISH



272-1



272-2



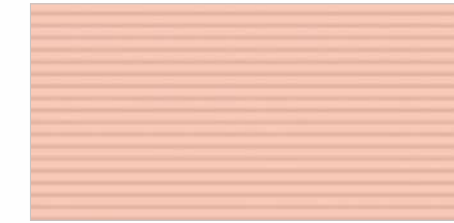
272-3



272-4



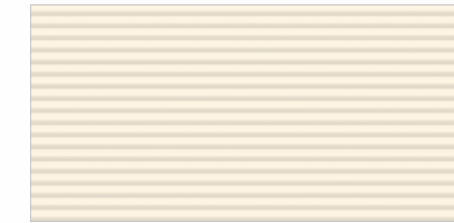
272-5



272-6



272-7



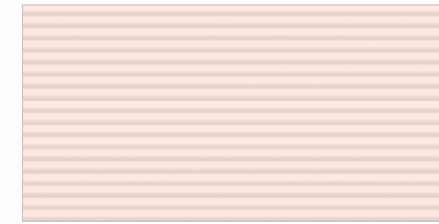
272-8



272-9



272-10



272-11



272-12



272-13



COLOR BLACK-272



**300x
450mm**

Elevate your home's style with our 300x450 tiles, perfect for adding a touch of sophistication to any room. These tiles come in various finishes, ensuring both functionality and flair in every piece.



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Download
E - Catalogue

Azulejo
COLLECTION



Matt

This collection features a sophisticated, structured surface with a matte finish, effectively eliminating any shine. Versatile across all areas, it subtly enhances the appeal of any ambiance.

AZULEJO COLLECTION | 300x450mm | MATT FINISH



51292-L



51317-L



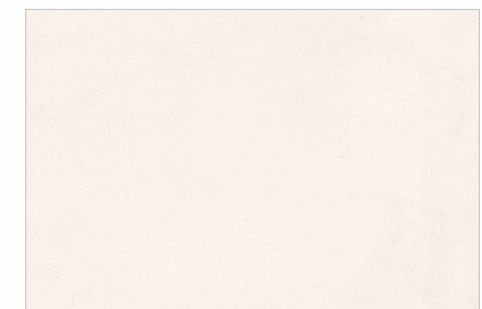
51292-HL



51317-D



22004-L



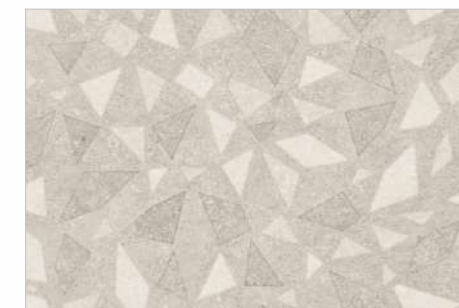
51086-L



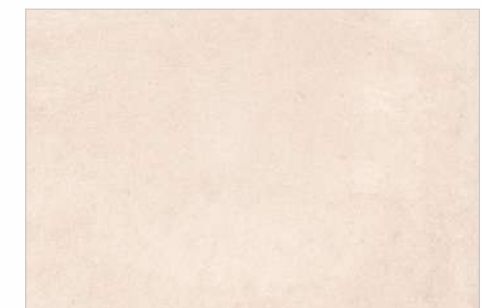
22004-HL-1



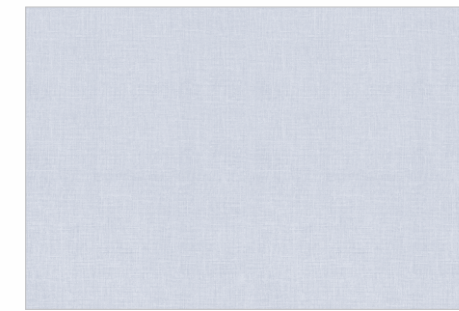
51086-HL



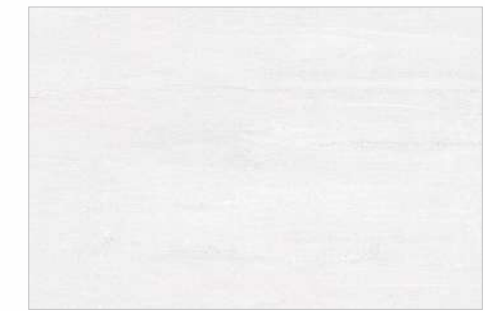
22004-HL-2



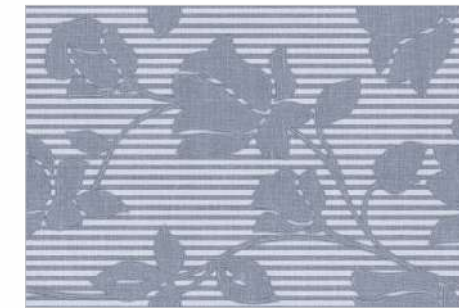
51086-D



51109-L



51149-L



51109-HL



51149-HL



51109-D



51149-D

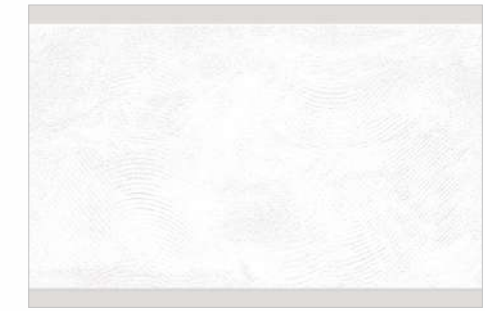
AZULEJO COLLECTION | 300x450mm | MATT FINISH



AZULEJO COLLECTION | 300x450mm | MATT FINISH



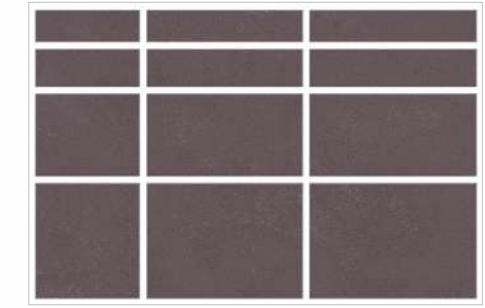
51161-L



51198-L



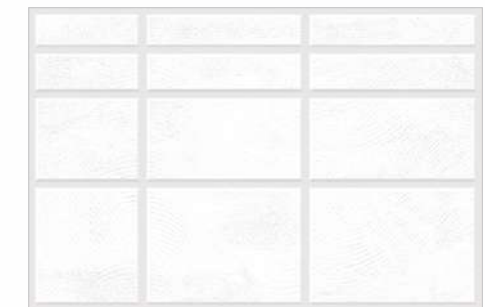
51161-HL



51198-HL



51161-D



51198-HL-1



Preview of 51206

AZULEJO COLLECTION | 300x450mm | MATT FINISH



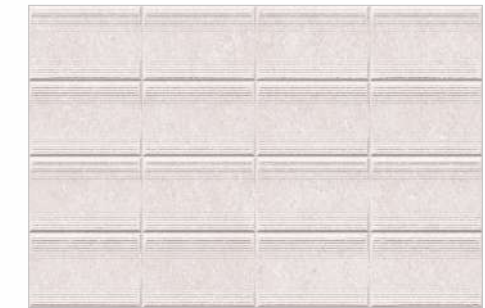
51206-L



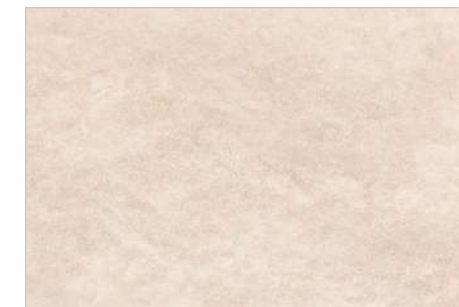
51207-L



51206-HL



51207-HL



51206-D



51207-D

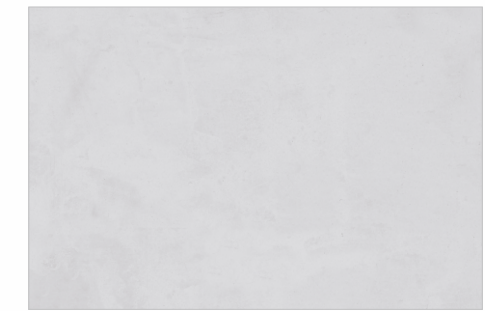


Preview of 51271

AZULEJO COLLECTION | 300x450mm | MATT FINISH



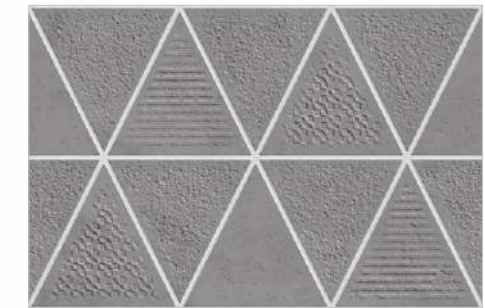
51271-L



51312-L



51271-HL



51312-HL



51271-D

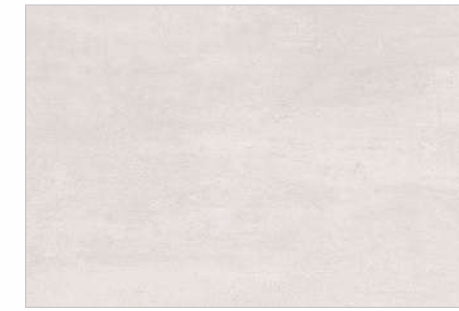


51312-D

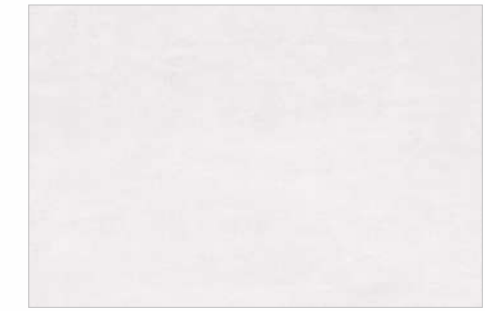


Preview of 51313

AZULEJO COLLECTION | 300x450mm | MATT FINISH



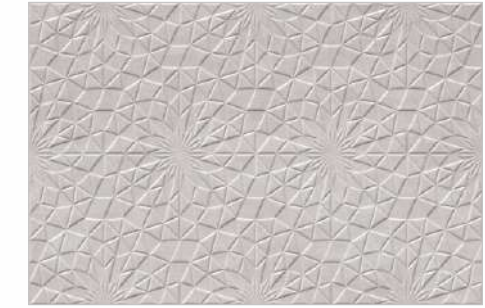
51313-L



51342-L



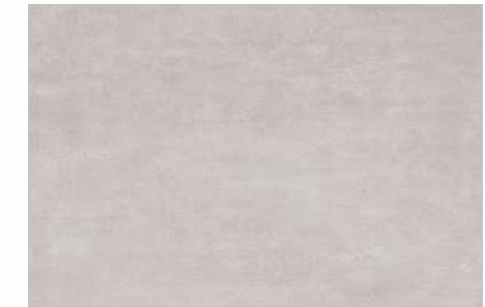
51313-HL



51342-HL



51313-D



51342-D



51440-L



51441-L



51440-HL



51441-HL



51440-D



51441-D

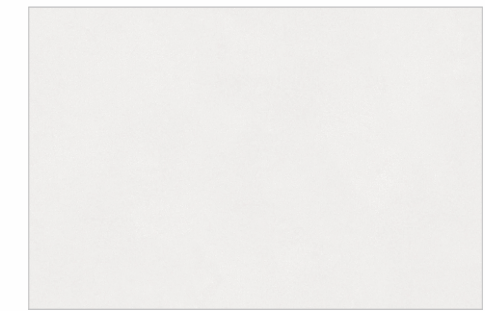
AZULEJO COLLECTION | 300x450mm | MATT FINISH



AZULEJO COLLECTION | 300x450mm | MATT FINISH



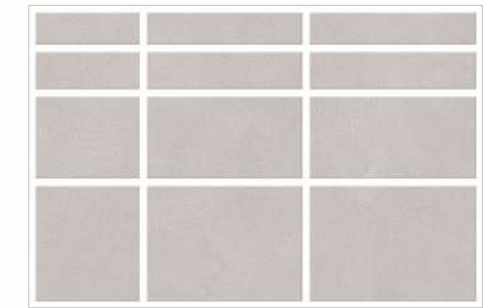
51221-L



51222-L



51221-HL



51222-HL-1



51221-D



51222-D



51240-L



51262-L



51240-HL



51262-HL



51240-D



51262-D

AZULEJO COLLECTION | 300x450mm | MATT FINISH

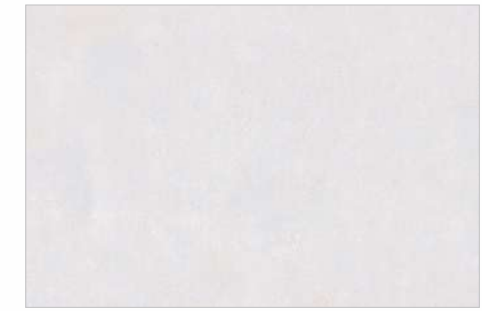


Preview of 51421

AZULEJO COLLECTION | 300x450mm | MATT FINISH



51421-L



51439-L



51421-HL



51439-HL



51421-D



51439-D



Preview of 51537

AZULEJO COLLECTION | 300x450mm | MATT FINISH



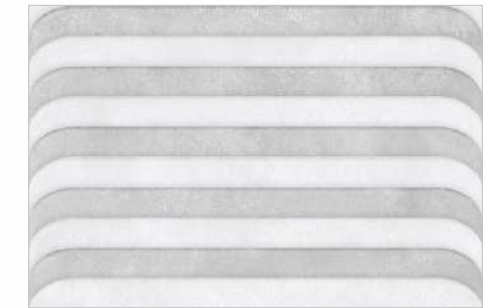
51537-L



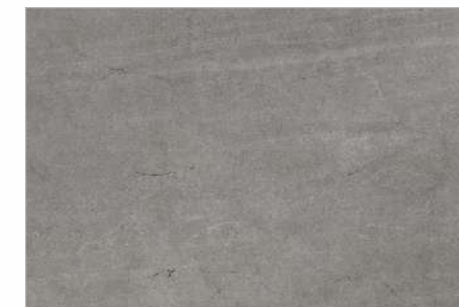
51562-L



51537-HL



51562-HL



51537-D



51562-D



Preview of 51442

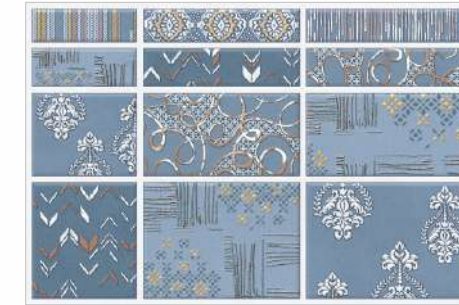
AZULEJO COLLECTION | 300x450mm | MATT FINISH



51199-L



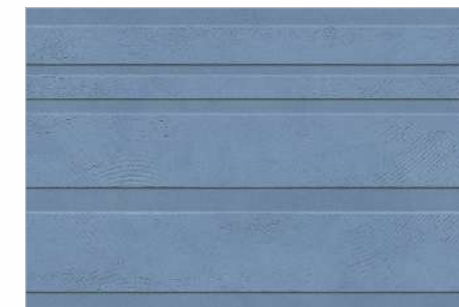
51442-L



51199-HL



51442-HL



51199-HL1



51442-D



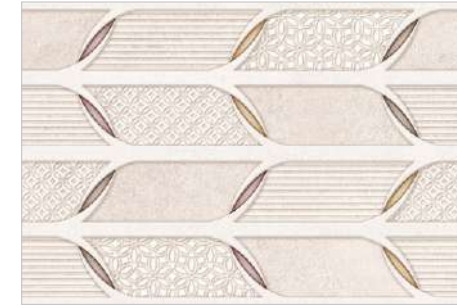
51199-D



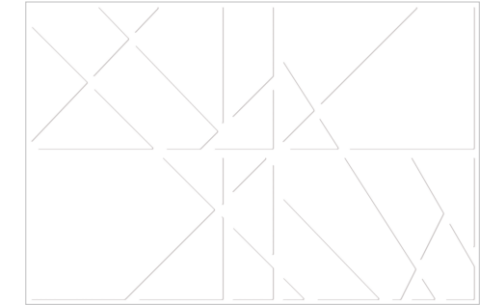
Glossy

Glossy tiles elevate the look of any room with a finish that adds an elegant sheen to the tile surface, making them appear shinier and more reflective.

AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH



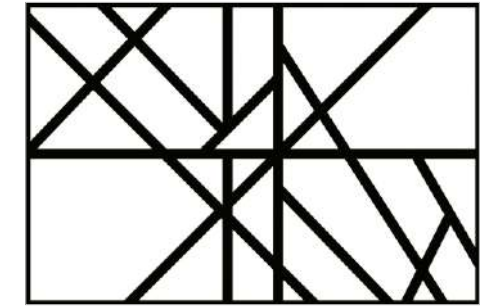
4004-HL-3



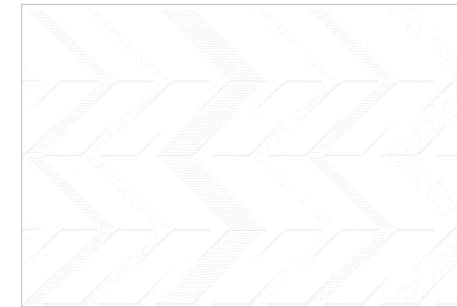
51157-L



4004-D



51157-HL



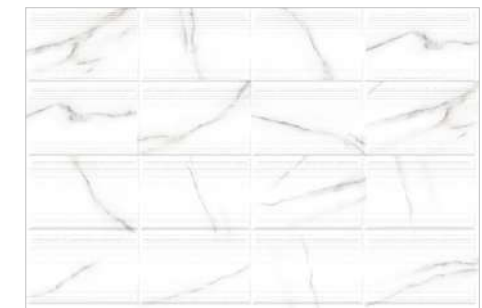
51346-L



51348-L



51346-HL



51348-HL



Preview of 51519

AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH



51519-L



51661-L



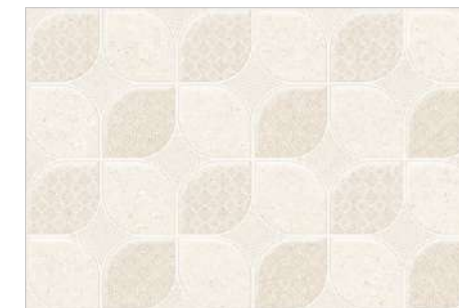
51519-HL



51661-HL



51667-L



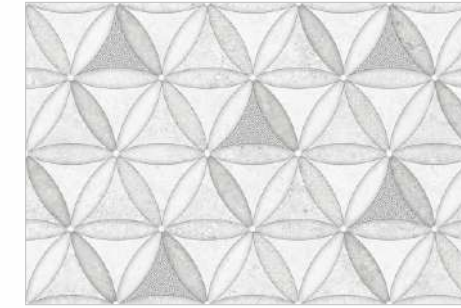
51667-HL



4003-HL-3



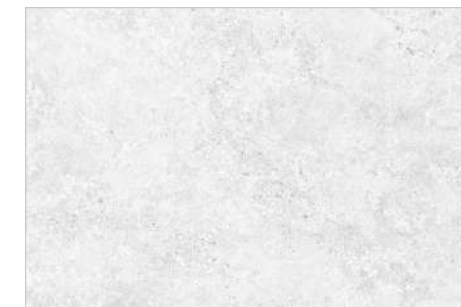
4011-L



4003-HL-4



4011-HL-1



4003-D



4011-HL-2

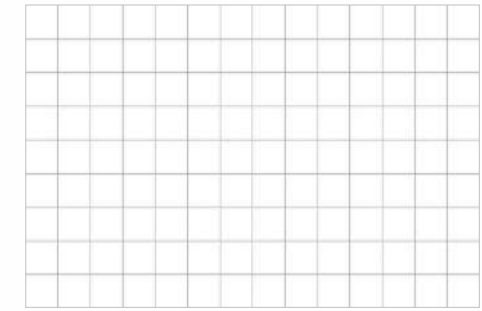
AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH



AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH



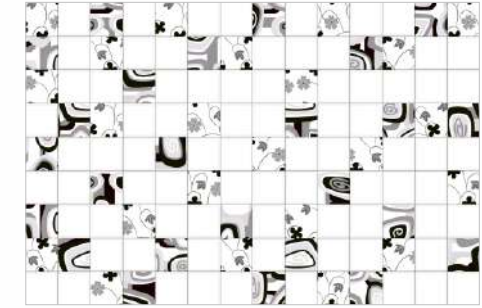
51060-L



51083-L



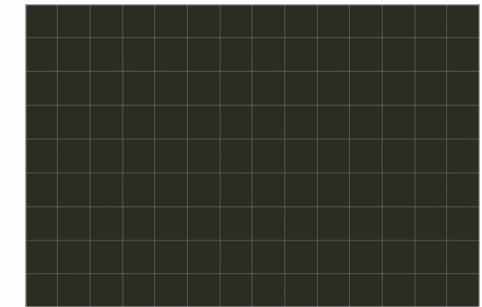
51060-HL



51083-HL



51060-D



51083-D



Preview of 51141

AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH



51141-L



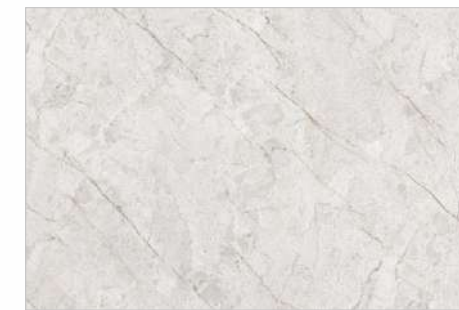
51156-L



51141-HL



51156-HL



51141-D



51156-D



51304-L



51306-L



51304-HL-1



51306-HL

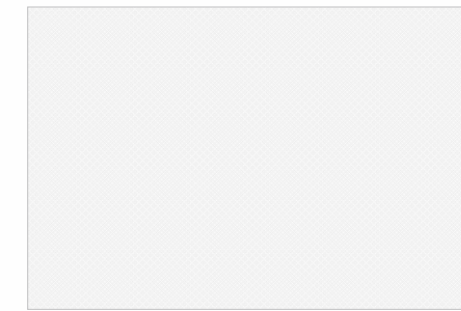


51304-D



51306-D

AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH



51324-L



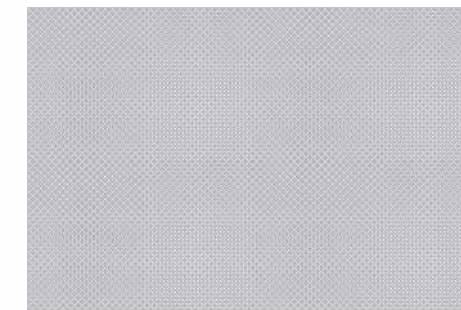
51443-L



51324-HL



51443-HL



51324-D



51443-D

AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH

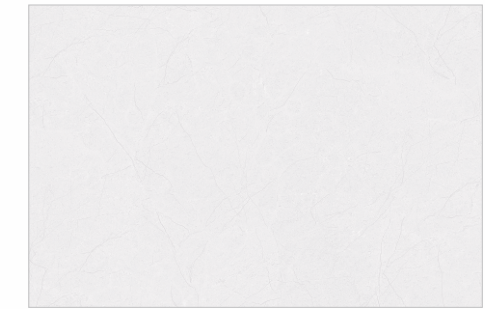


Preview of 51444

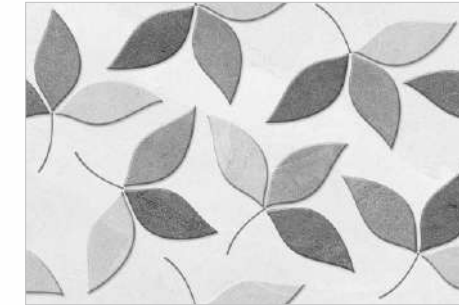
AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH



51444-L



51445-L



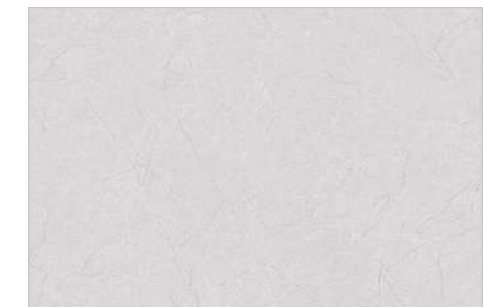
51444-HL



51445-HL



51444-D

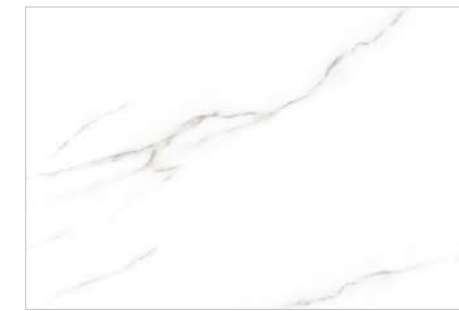


51445-D

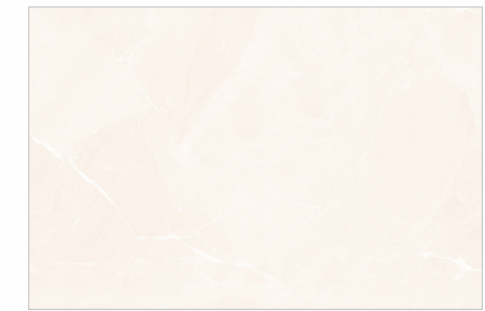


Preview of 51523

AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH



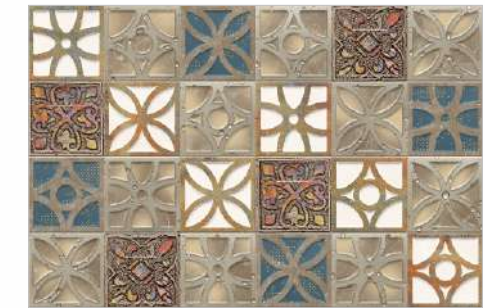
51523-L



51558-L



51523-HL



51558-HL



51523-D



51558-D



Preview of 51568

AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH



51568-L



51606-L



51568-HL



51606-HL-1



51568-D



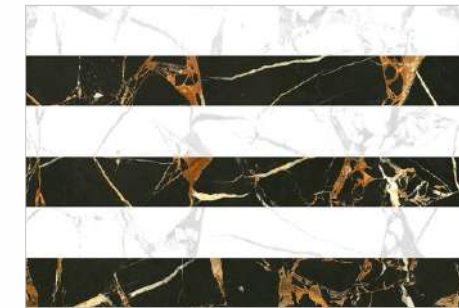
51606-D



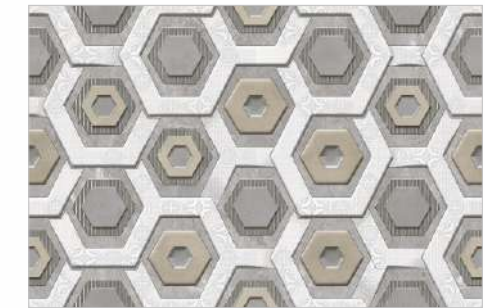
51617-L



51624-L



51617-HL



51624-HL



51617-D



51624-D

AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH



51656-L



51656-HL



51656-D

AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH



Preview of 51070

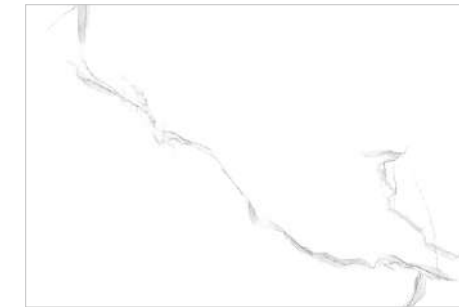
AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH



51070-L-1



51070-L-2



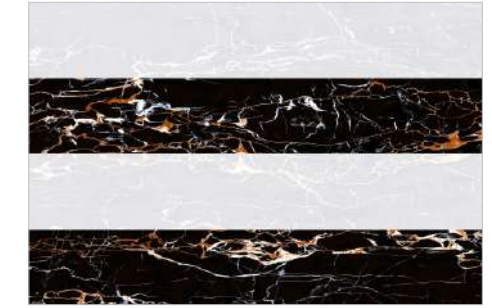
51070-L-3



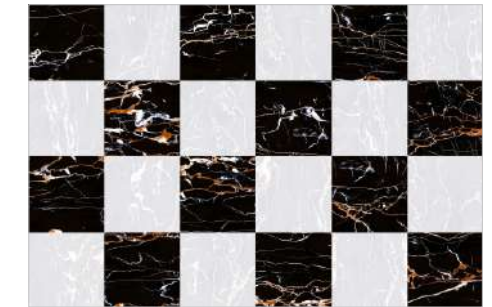
51070-L-4



51212-L



51212-HL



51212-HL-1



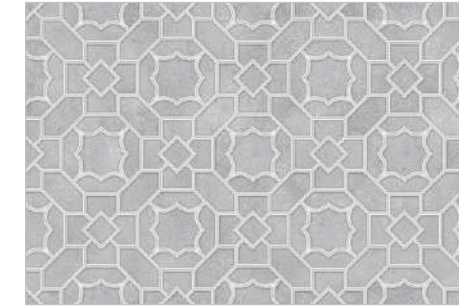
51212-D



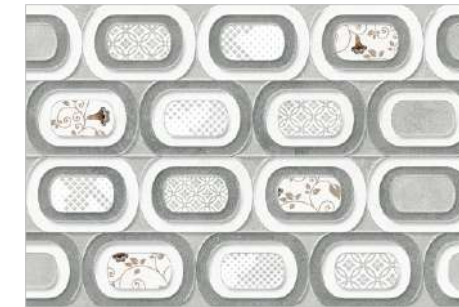
AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH



51242-L



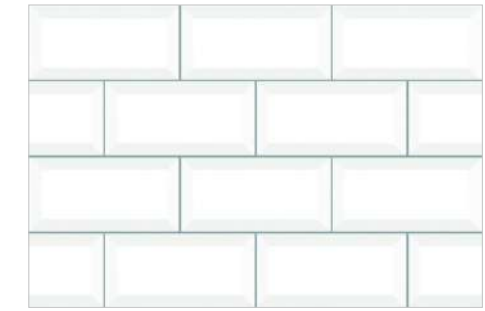
51242-HL



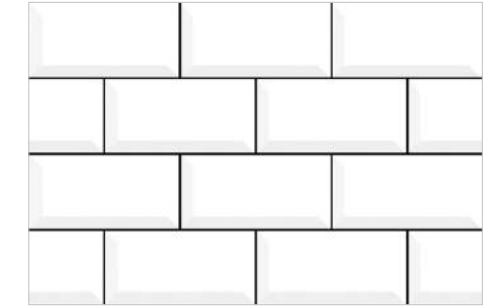
51242-HL-1



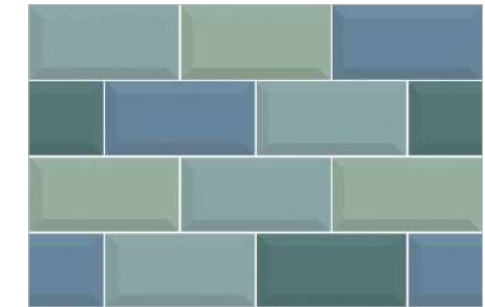
51242-D



51418-L



51418-HL



51418-HL-1



51418-D



Preview of 51446

AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH



51446-L



51446-HL-1



51446-HL



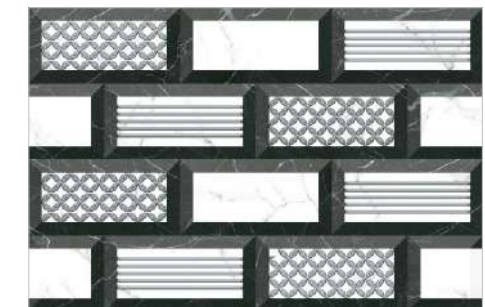
51446-D



51510-L



51510-HL



51510-HL-1



51510-D



Preview of 51607

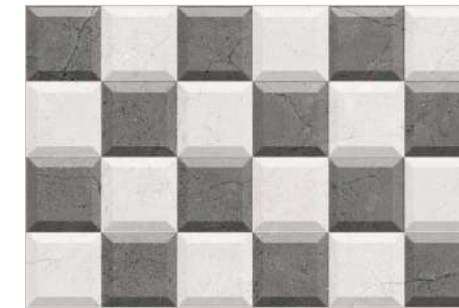
AZULEJO COLLECTION | 300x450mm | GLOSSY FINISH



51607-L



51653-L



51607-HL-1



51653-HL



51607-HL-2



51653-HL-1



51607-D



51653-D



Elevation

Our Elevation tiles transform the facade of any building with cutting-edge design and durability. These tiles enhance the aesthetic appeal while blending seamlessly with the architectural style and providing weather-resistant protection.

AZULEJO COLLECTION | 300x450mm | ELEVATION FINISH



52005



52008



52012



52018



52020



52024



52029



52032



Preview of 52062

AZULEJO COLLECTION | 300x450mm | ELEVATION FINISH



52033



52034



52061



52062



52063



52014



52078



52079

TECHNICAL SPECIFICATION - FLOOR TILES

SR. NO	CHARACTERISTICS	STANDARD AS PER IS 15622:2017 GROUP BIIa	SEGA VALUE	TEST METHOD
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A REGULATORY PROPERTY

1	Deviation in Length & Width	±01%	±0.5%	IS-13630-1
2	Deviation in Thickness	±5.0%	±4.0%	IS-13630-1
3	Straightness of sides	±01%	±0.07%	IS-13630-1
4	Rectangularity	±01%	±0.07%	IS-13630-1
5	Surface Flatness	±0.5%	±01%	IS-13630-1
6	Surface quality	Min 95% Free from visual defect	Min 99%	IS-13630-1

B STRUCTURAL PROPERTIES

1	Water Absorption	3%<E≤6%	3%<E≤6%	IS-13630-2
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C MASSIVE MECHANICAL PROPERTIES

1	Flexural modules of rupture	Min 22 N/mm ²	Min 26 N/mm ²	IS-13630-6
2	Flexural breaking strength	Min 1000 N	Min 1100 N	IS-13630-6
3	Impact resistance	Min 0.55	Min. 0.6	IS-13630-14

D SURFACE MECHANICAL PROPERTIES

1	Abrasion resistance	Class II	Class III	IS-13630-11
2	Crazing resistance	Min 4 Cycles at 7.5 Bar	Min 4 Cycles at 7.5 Bar	IS-13630-9
3	Moh's hardness	Min 4	Min 4.5	IS-13630-13

E THERMOHYDROMETRIC PROPERTIES

1	Frost resistance	No damage	No damage	IS-13630-10
2	Thermal shock resistance	Min 10 cycle	Min 10 cycle	IS-13630-5
3	Moisture expansion	Max 0.03 mm/m	Max 0.02 mm/m	IS-13630-3
4	Thermal expansion	Max 9.0x10 ⁻⁶ K	Max 9.0x10 ⁻⁶ K	IS-13630-4

F CHEMICAL PROPERTIES

1	Household chemical resistance	Class AA	Class AA	IS-13630-8
2	Resistance of staining	Min Class I	Min Class I	IS-13630-8
3	Acid/alkaline resistance	As per Mfg.	Class AA	IS-13630-8

TECHNICAL SPECIFICATION - WALL TILES

SR. NO	CHARACTERISTICS	STANDARD AS PER IS 15622:2017 GROUP BIII	SEGA VALUE	TEST METHOD
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A REGULATORY PROPERTY

1	Deviation in length & width	±0.2%	±01%	IS-13630-1
2	Deviation in thickness	±5.0%	±3.5%	IS-13630-1
3	Straightness of sides	±015%	±0.07%	IS-13630-1
4	Rectangularity	±0.2%	±0.07%	IS-13630-1
5	Surface flatness	±0.3%	±01%	IS-13630-1
6	Surface quality	Min 95% Free from visual defect	Min 99%	IS-13630-1

B STRUCTURAL PROPERTIES

1	Water absorption	>10%	>12%	IS-13630-2
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C MASSIVE MECHANICAL PROPERTIES

1	Flexural modules of rupture	Min 12 N/mm ²	Min 15 N/mm ²	IS-13630-6
2	Flexural breaking strength	Min 600 N	Min.700 N +	IS-13630-6
3	Impact resistance	Min 0.55	Min. 0.6	IS-13630-14

D SURFACE MECHANICAL PROPERTIES

1	Abrasion resistance	Class II	Class III	IS-13630-11
2	Crazing resistance	Min 4 Cycles at 7.5 Bar	Min 4 Cycles at 7.5 Bar	IS-13630-9
3	Moh's hardness	Min 3	Min 4	IS-13630-13

E THERMOHYDROMETRIC PROPERTIES

1	Thermal shock resistance	Min 10 cycle	Min 10 cycle	IS-13630-5
2	Moisture expansion	Max 0.04 mm/m	Max 0.02 mm/m	IS-13630-3
3	Thermal expansion	Max 9.0x10 ⁻⁶ K	Max 5.0x10 ⁻⁶ K	IS-13630-4

F CHEMICAL PROPERTIES

1	Household chemical resistance	Class AA	Class AA	IS-13630-8
2	Resistance of staining	Min Class I	Min Class I	IS-13630-8
3	Acid/alkaline resistance	As per Mfg.	Class AA	IS-13630-8

PACKING DETAILS

SIZE	THICKNESS (APPROX.)	NO OF TILES / BOX	WEIGHT / BOX	SQ. MTR. / BOX
300x450mm Wall	8 mm	6 pcs	11 kg	0.81 Sq.Ft.
300x600mm Wall	8.5 mm	5 pcs	13 kg	0.9 Sq.Ft.
600x600mm Floor	8.5 mm	4 pcs	25.5 kg	1.44 Sq.Ft.