

ONE SURFACE. MANY POSSIBILITIES

# POLISHED VITRIFIED TILES



*Kajaria*



Aerial view of virat nagar plant, (Rajasthan)

## WE PURSUED EXCELLENCE, **LEADERSHIP** FOLLOWED.

Kajaria Ceramics is the largest manufacturer of Ceramic/Vitrified tiles in India. It has an annual capacity of 73 mn. sq. meters, distributed across Eight plants. The motivating factor remains the zeal to be the best, to be at the top and to achieve the highest echelons of excellence. The manufacturing units are equipped with cutting edge technology. Intense automation, robotic car application and a zero chance for human error are just few reasons why Kajaria remains at the top in the Industry. The best in providing tile solutions, Kajaria has since then grown stronger with its hard work, innovation and patronage from our discerning customers.

## AWARDS & ACCOLADES



Only ceramic tile company in India to be conferred with "superbrand" for the eleventh consecutive year.



Awarded Asia's Most promising brand.

- ISO 9001:2008 Certification for Implementing a Quality Management System.

- ISO 14001 Certification for Implementing an Environmental Management System.

- ISO 22000:2005 Certification for Implementing a Food Safety Management System.

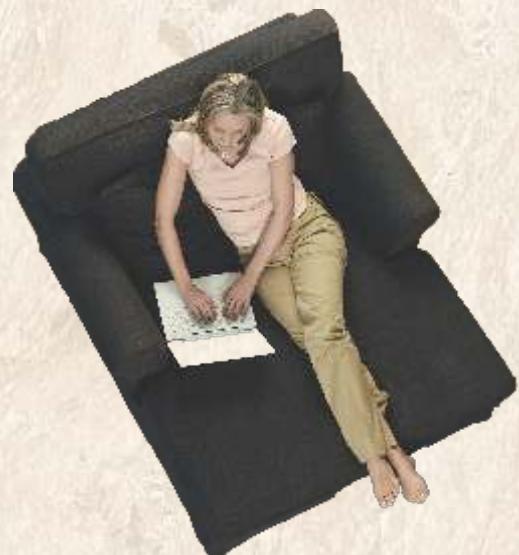
- ISO 50001:2011 Certification for Establishing, Implementing, Maintaining and Improving an Energy management System.

- SA 8000 certification for Implementing Social Accounting Standards.



Certified member of Indian Green Building Council

# ONE SURFACE MANY POSSIBILITIES





ONE SURFACE, MANY POSSIBILITIES

# POLISHED VITRIFIED TILES

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## One Surface Many Possibilities

Introducing Solitaire Plus 1000x1000 mm vitrified tiles. Kajaria's exclusive technologies, high standards and reliability are matched with style, taste and design of these tiles. Indulge into a grandiosity of space which reflects refined delicacies. The tiles symbolize the epitome of a luxe yet contemporary collection.

# Solitaire Plus 1000x1000 MM

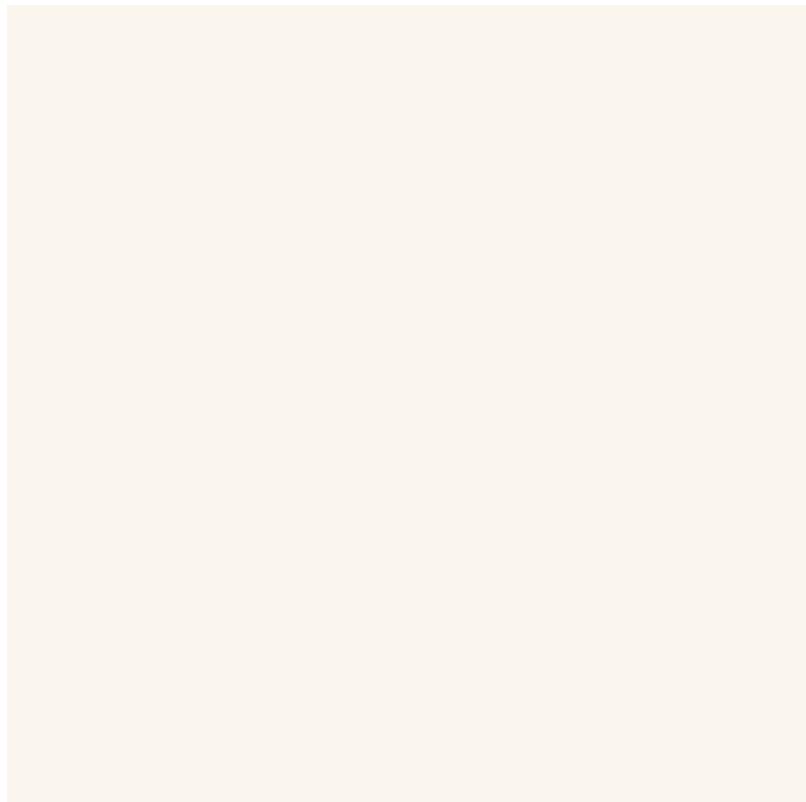


SUPER GLOSSY

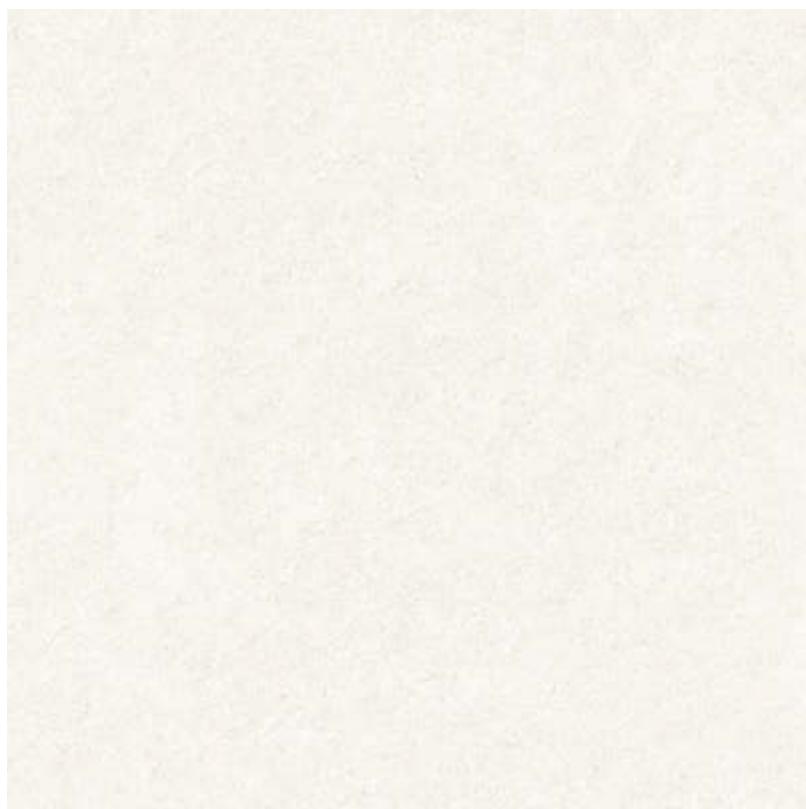
# SOLITAIRE PLUS

1000x1000MM

DOUBLE CHARGE POLISHED VITRIFIED TILES



K 10101



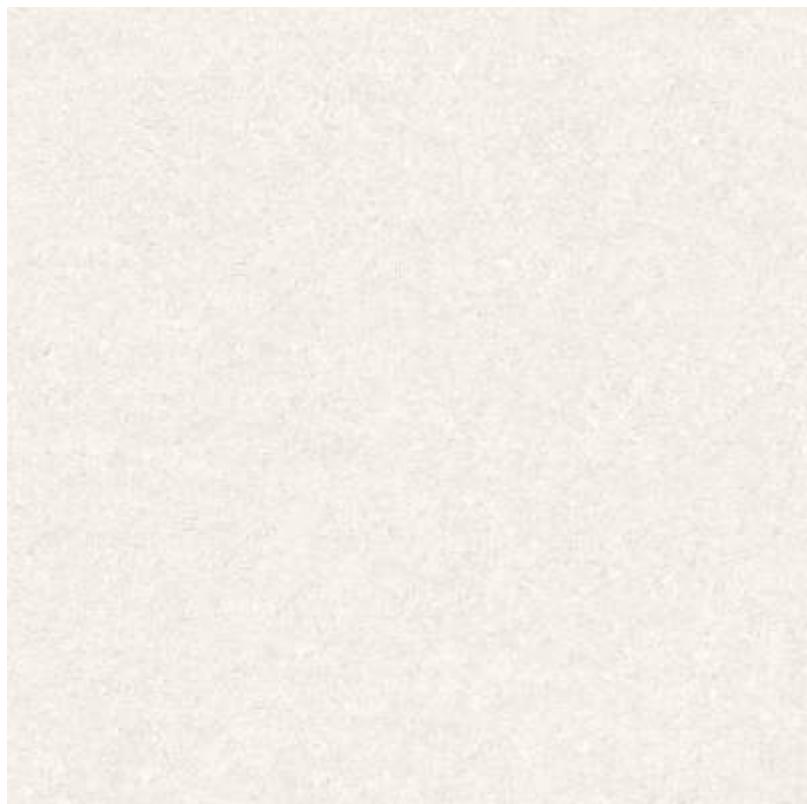
K 10102

SUPER GLOSSY

# SOLITAIRE PLUS

1000x1000MM

DOUBLE CHARGE POLISHED VITRIFIED TILES



K 10103





K 10104

SUPER GLOSSY

## SOLITAIRE PLUS

1000x1000MM

DOUBLE CHARGE POLISHED VITRIFIED TILES



K 10105



K 10106



K 10107



K 10108

SUPER GLOSSY

# SOLITAIRE PLUS

1000x1000MM

DOUBLE CHARGE POLISHED VITRIFIED TILES



K 10109



# The Gem of Every Adobe

The essential synthesis of aesthetics and quality of materials, solitaire is the shining gem in polished vitrified tiles, with a profound aesthetic design, and the emblem of Kajaria. These 80x80 cm floor tiles are remarkable in appeal and embraces all colors. Kajaria's exclusive technologies, high standards and reliability are matched with style, taste and design of these tiles. Indulge into a grandiosity of space which reflects refined delicacies. The tiles symbolize the epitome of a luxe yet contemporary collection.

## Solitaire

800x800 MM



SUPER GLOSSY

# SOLITAIRE

800x800MM

DOUBLE CHARGE POLISHED VITRIFIED TILES



K 8401



K 8402



K 8403



K 8404



K 8405



K 8409

SUPER GLOSSY

## SOLITAIRE

800x800MM

DOUBLE CHARGE POLISHED VITRIFIED TILES



SUPER GLOSSY

## SOLITAIRE DRAGON

800x800MM

DOUBLE CHARGE POLISHED VITRIFIED TILES



K 8412

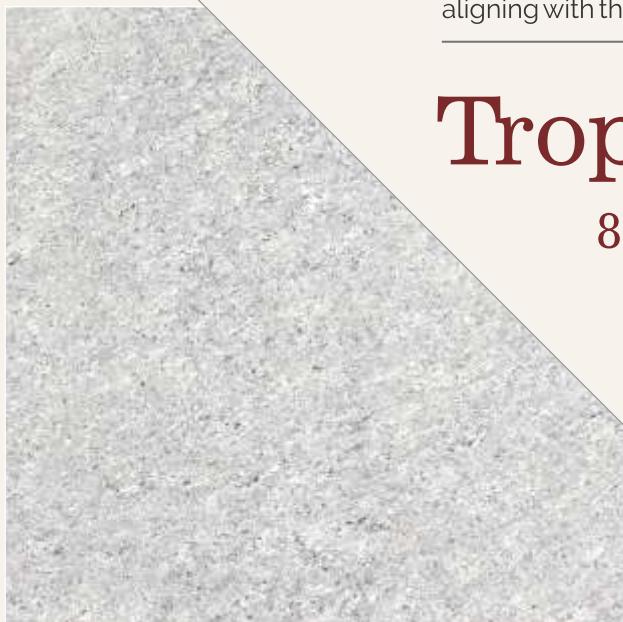


K 8411

# Alluring Beauty

With the interplay of astounding grandeur and blissful perception of space, the Tropicana series will surely charm your heart and refine your space. The 80x80 cm tiles enable you to expand your boundaries of imagination and design with a glorious display of various designs to adorn your floors. Skillfully crafted by using state-of-the-art technologies, these tiles are durable in both form and function. Experience the constant balance between modernity and harmony aligning with the most innovative standards.

## Tropicana 800x800 MM



SUPER GLOSSY

# TROPICANA

800x800MM

DOUBLE CHARGE POLISHED VITRIFIED TILES



K 8301



K 8302



SUPER GLOSSY

# TROPICANA

800x800MM

DOUBLE CHARGE POLISHED VITRIFIED TILES



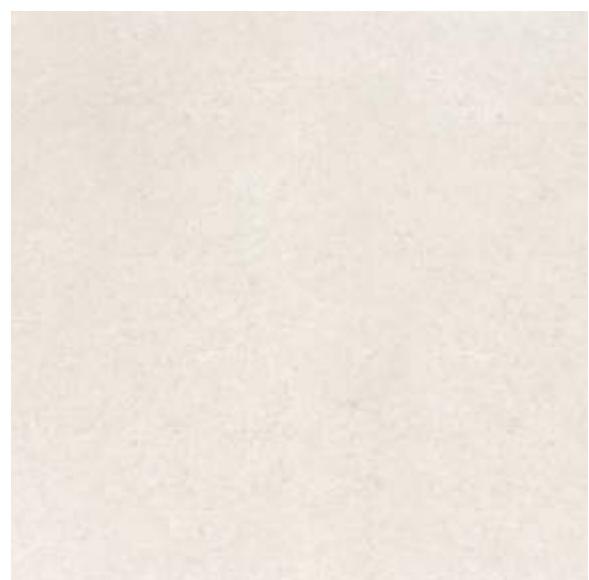
K 8303



K 8306



# COUTURE GALLERY



K 8307

# Feel The Ecstasy of Sand

Experience the true feel of sand. The charm of exquisite beauty, the tiles resonate the striking surfaces of sand dunes. These versatile tiles confer a creative freedom that ensures extensive personalization. The sensual and organic beauty of sand is aptly emulated in this collection of 80x80 cm tiles. Rich, undulating textures, manufactured with unparalleled quality and precise pro-craftsmanship. An astounding combination of beauty and durability, this collection packs impeccable style, resilience and the finest of finishes into one exquisite product. Ideal for the home of your dreams.

## Sandune

800x800 MM

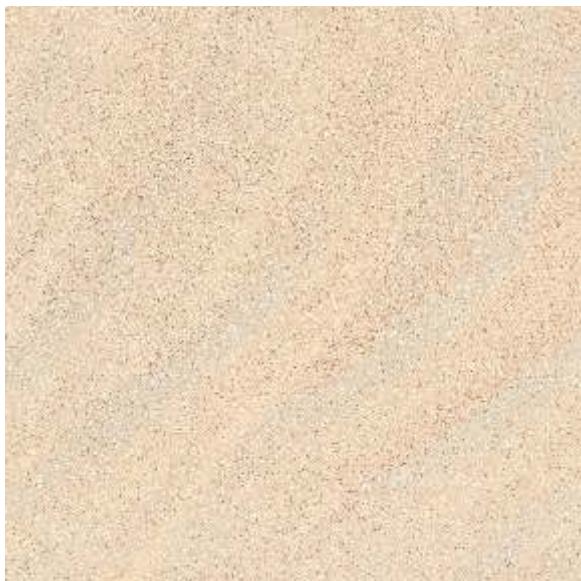


SUPER GLOSSY

# SANDUNE

800x800MM

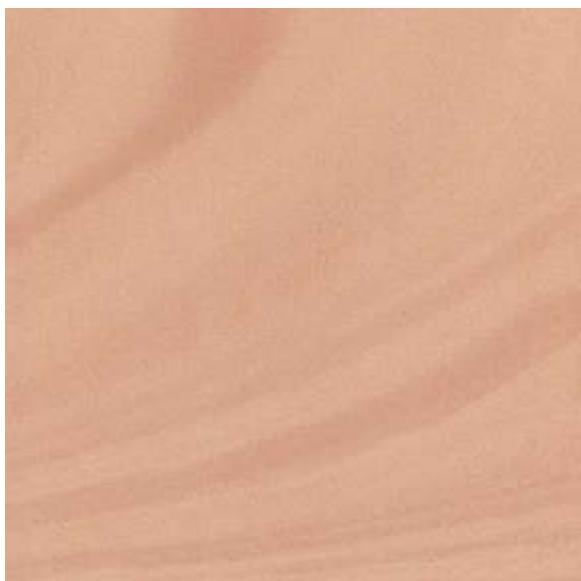
DOUBLE CHARGE POLISHED VITRIFIED TILES



K 8202



K 8205



K 8213



K 8214

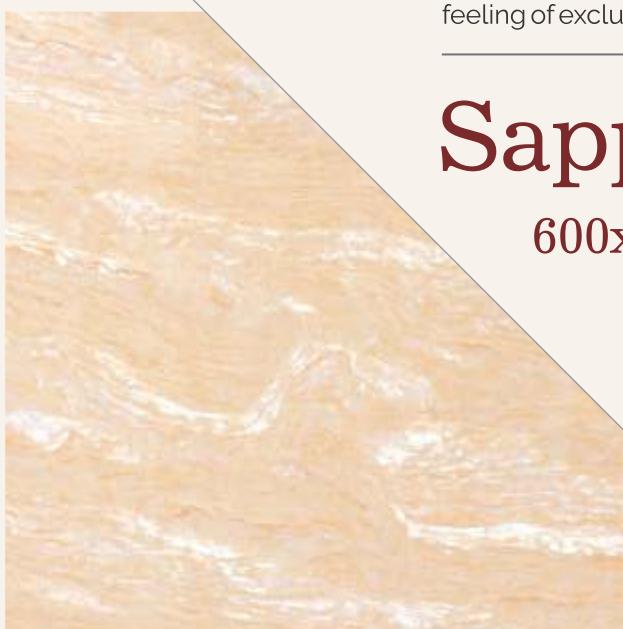


## Beauty In Perfect Size.

Introducing double charge polished vitrified tiles in the size of 60x120 cm for the first time in india. Sapphire is created from the evolution of metropolitan style, that makes up the urban lifestyle. Created with the finest elements and conceived with a unique vision, Sapphire combines sensational designs with practical dimensions in one compelling form. A stunning product, cladding all kinds of interiors, conferring harmony and charm in the most mesmerizing way, Sapphire lets you explore the feeling of exclusivity by creating the perfect stylish ambience.

# Sapphire

600x1200 MM



SUPER GLOSSY

# SAPPHIRE

600x1200MM

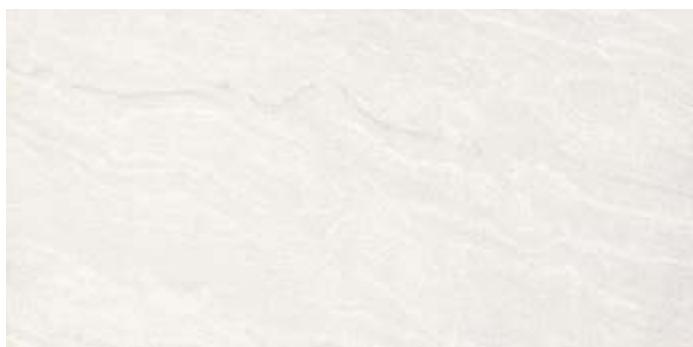
DOUBLE CHARGE POLISHED VITRIFIED TILES



K 12601



K 12602



K 12604



K 12605



K 12606



K 12608



K 12609



K 12611

SUPER GLOSSY

## SAPPHIRE

600x1200MM

DOUBLE CHARGE POLISHED VITRIFIED TILES



K 12612



K 12618



K 12621

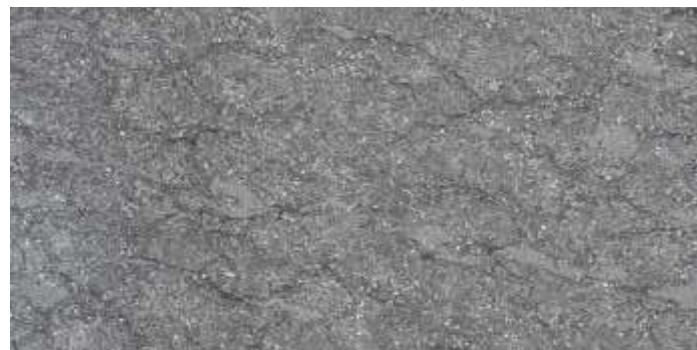


K 12623

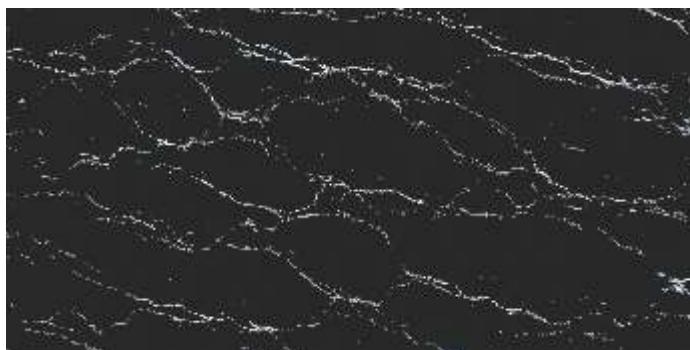




K 12626



K 12627



K 12628



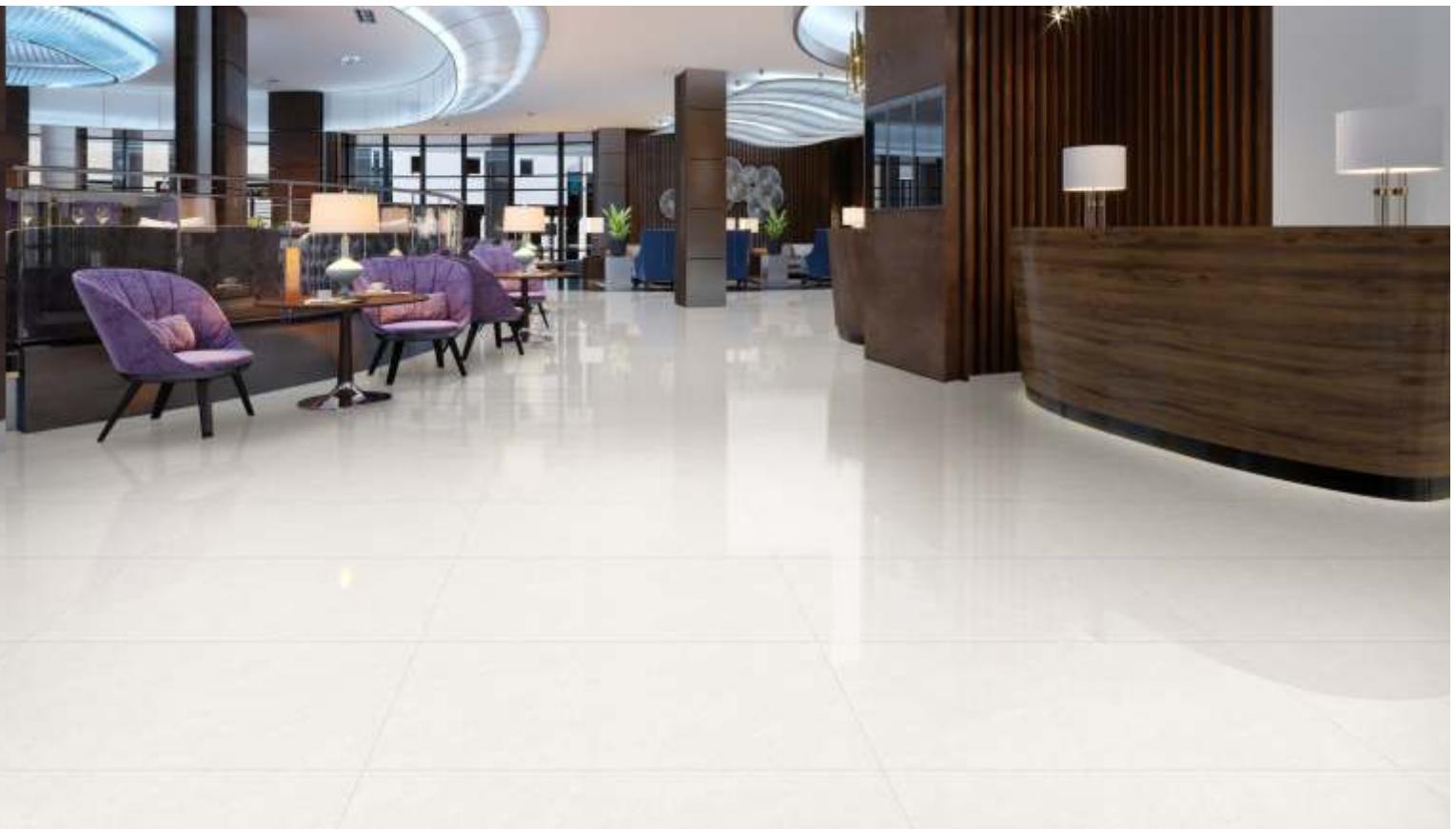
K 12629

SUPER GLOSSY

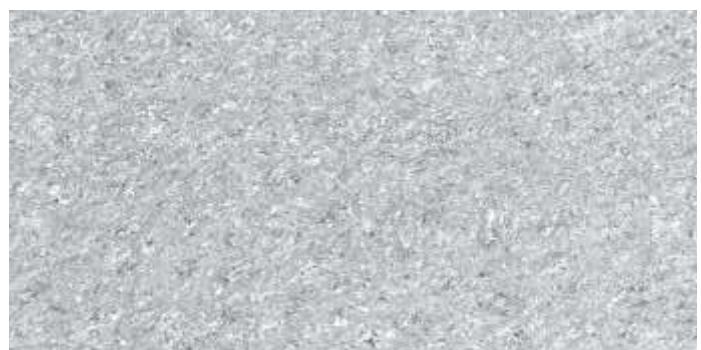
# SAPPHIRE

600x1200MM

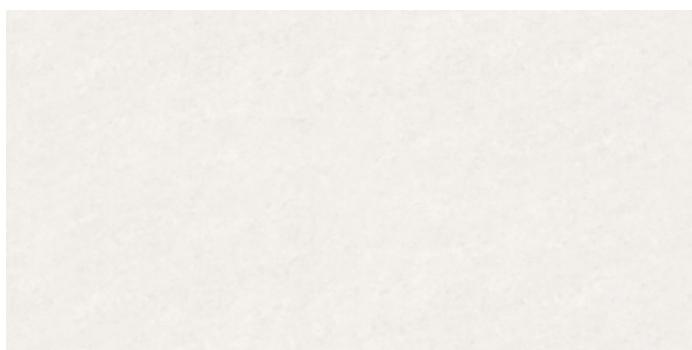
DOUBLE CHARGE POLISHED VITRIFIED TILES



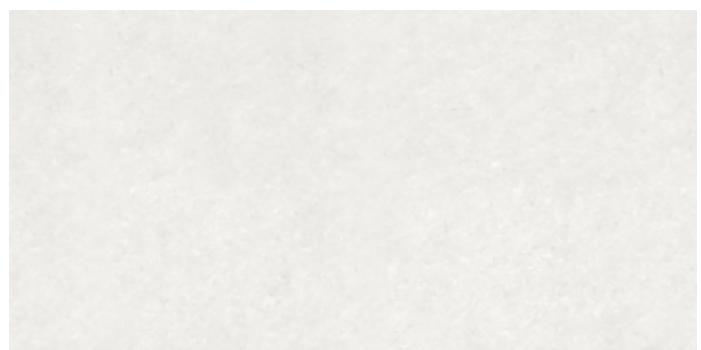
K 12632



K 12642



K 12646



K 12647

SUPER GLOSSY

# SAPPHIRE

600x1200MM

DOUBLE CHARGE POLISHED VITRIFIED TILES



K 12648



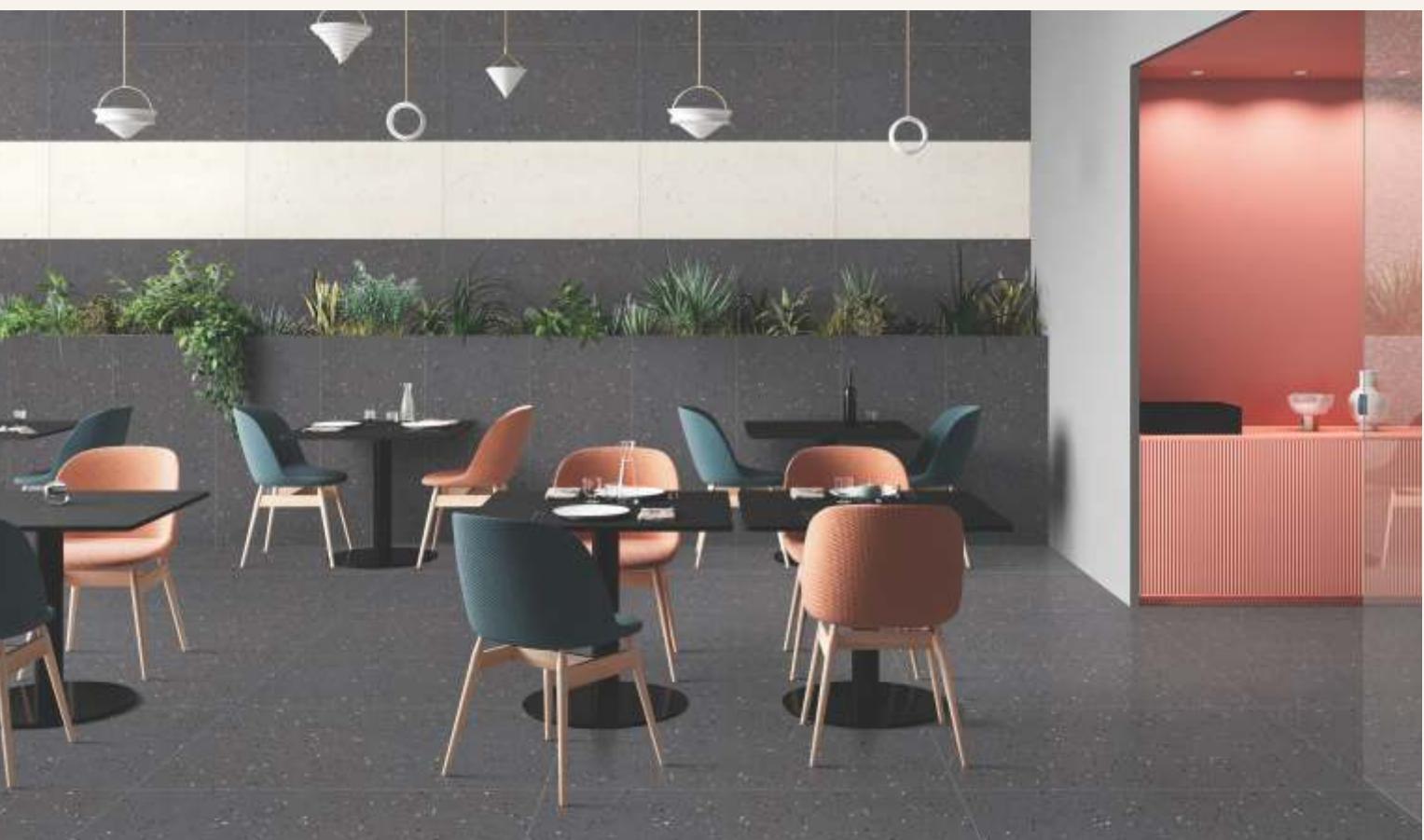
K 12649



## Inner Beauty which captivates

Terrazzo is a uniformly textured surface designed for interior & exterior use in which the matrix is depressed to expose the chips. The newer thin-set and epoxy-based terrazzo options are less labor intensive with greater design flexibility.

**Terrazzo** | **FULL BODY**  
600x1200 MM

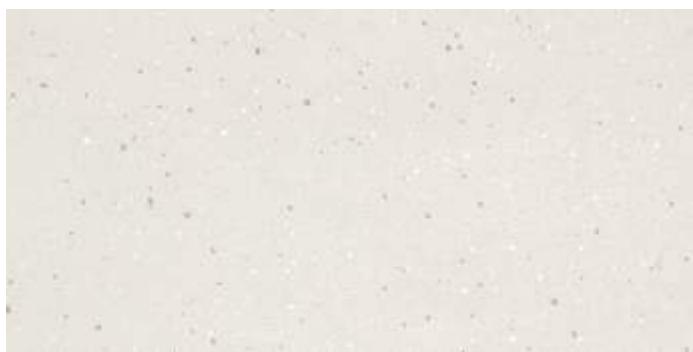


MATT / POLISHED

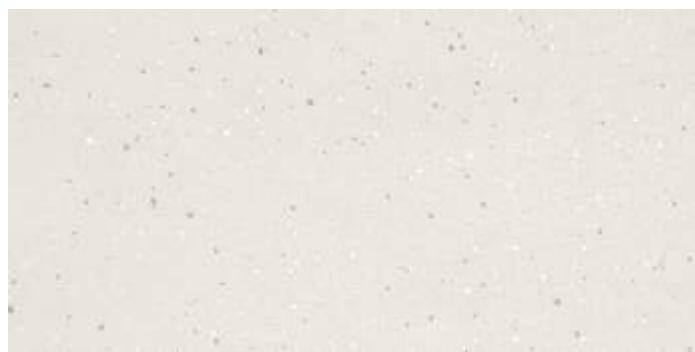
# TERRAZZO

600x1200MM

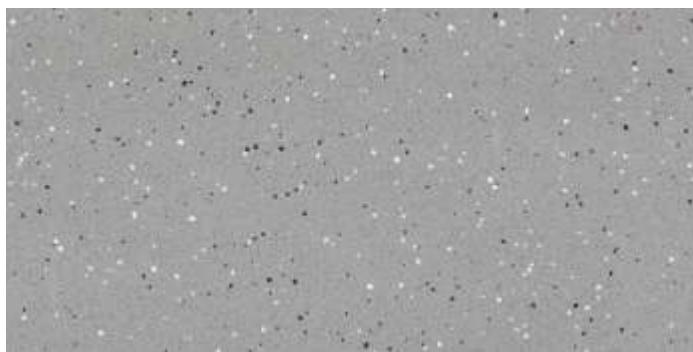
FULL BODY VITRIFIED TILES



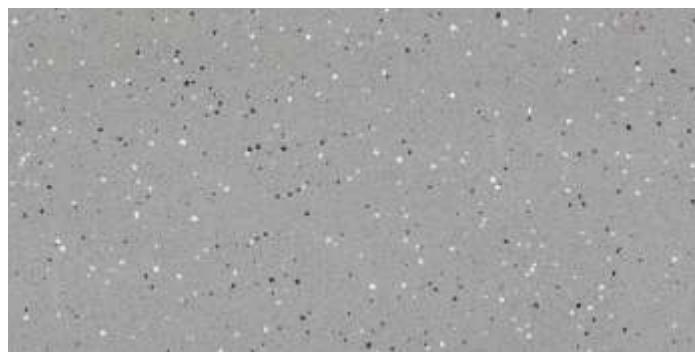
12671 - MATT



12671 - POLISHED



12672 - MATT



12672 - POLISHED



MATT / POLISHED

# TERRAZZO

600x1200MM

FULL BODY VITRIFIED TILES



12674 - MATT



12674 - POLISHED



12675 - MATT



12675 - POLISHED





12676 - MATT



12676 - POLISHED



12677 - MATT



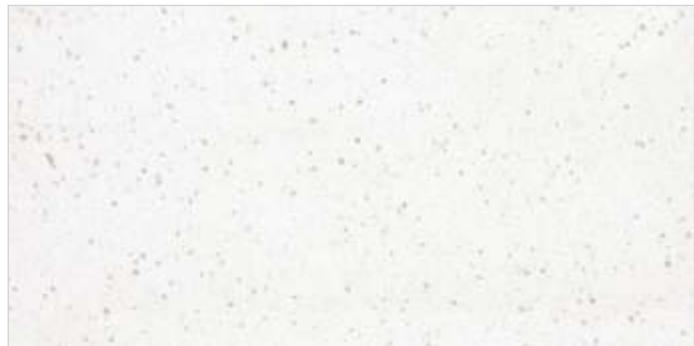
12677 - POLISHED

MATT / POLISHED

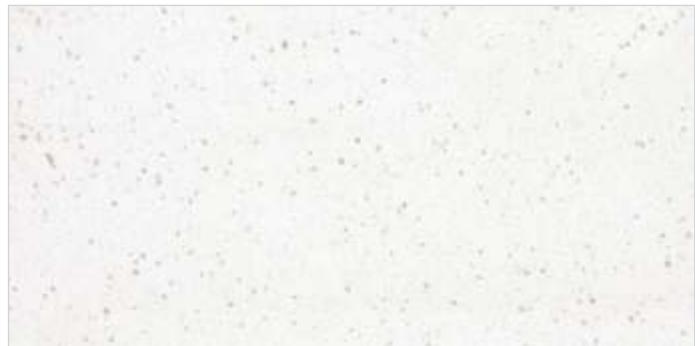
# TERRAZZO

600x1200MM

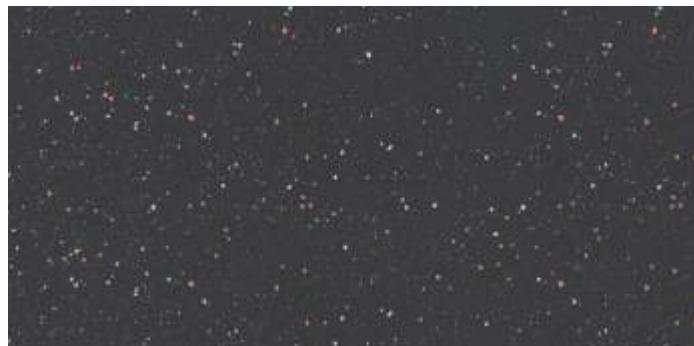
FULL BODY VITRIFIED TILES



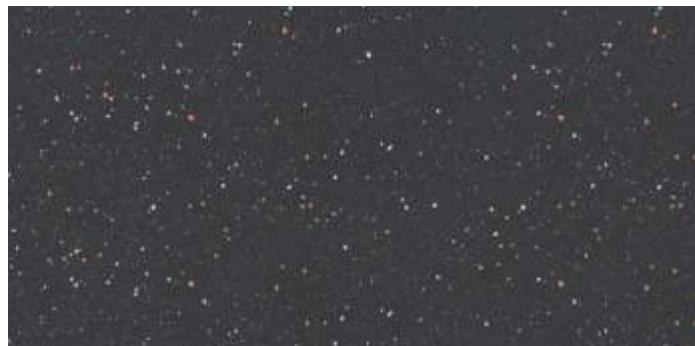
12681 - MATT



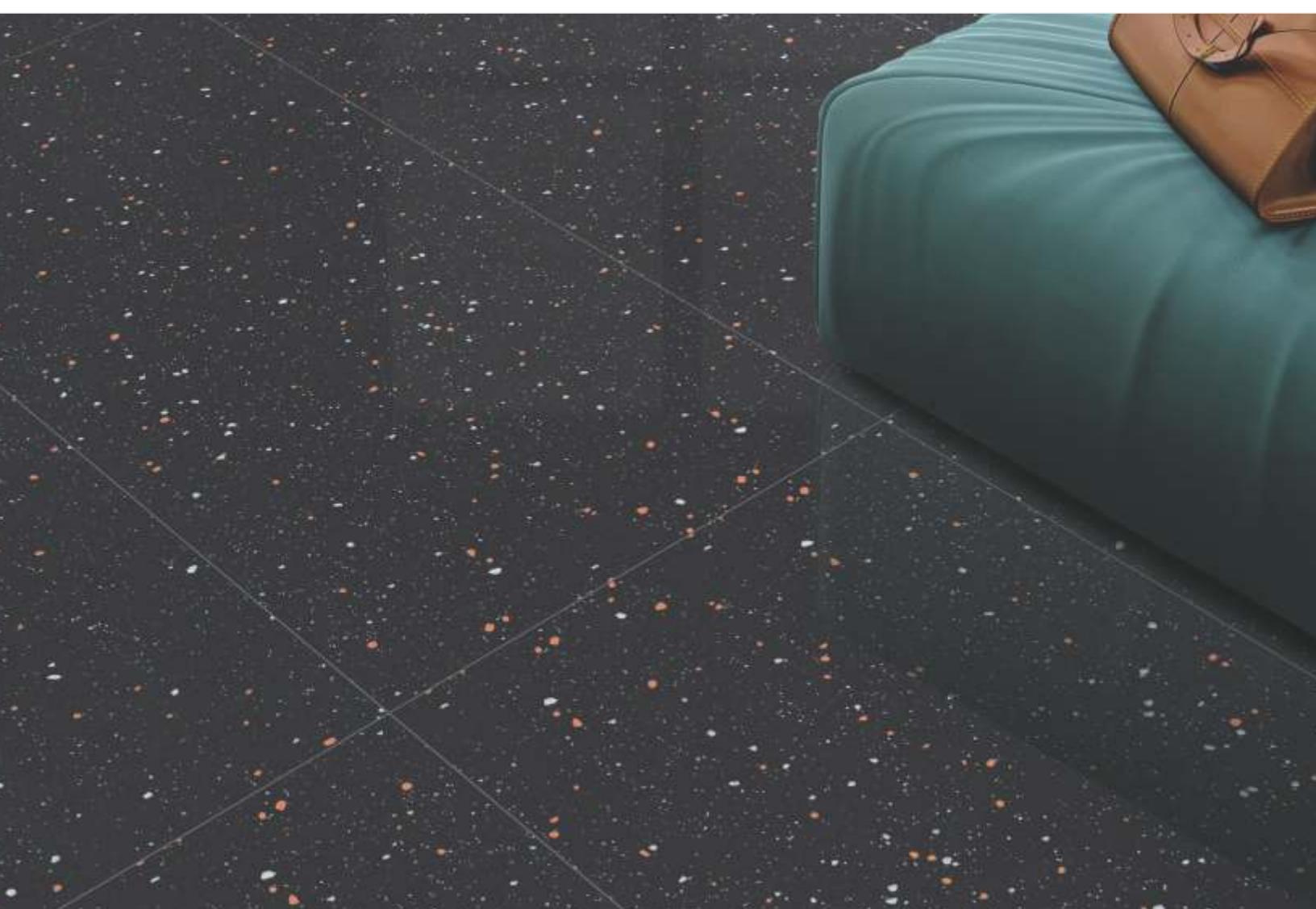
12681 - POLISHED



12682 - MATT



12682 - POLISHED



MATT / POLISHED

# TERRAZZO

600x1200MM

FULL BODY VITRIFIED TILES



12683 - MATT



12683 - POLISHED

# STEP STONE

READY TO INSTALL VITRIFIED STEPS



SELF EMBOSSED  
TREAD LINES



ANTI SKID  
SURFACE



BULL NOSE  
FINISH



THICKNESS  
12 MM (STEPS)



WATER  
ABSORPTION  
 $<0.05\%$



FULL BODY  
VITRIFIED STEPS



EASY  
LAYING

Highly durable, ideal for heavy traffic and commercial areas, Indoor & Outdoor.

Easy and speedy installation. Say goodbye to cumbersome cutting and finishing on site.

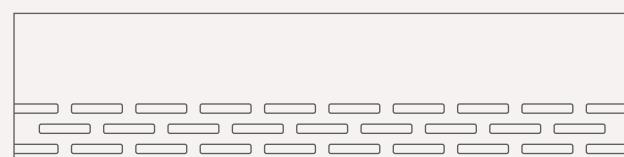
Embossed Tread Lines Provide extra grip for higher safety near step edge. Unique full bull nose edges

Provides higher strength and durability as desired in big size slabs. An assurance to replace natural stones in a confident way. Highest abrasion resistance

Ensures 10 times superior surface protection against wear and tear over natural stones.

Available in 8 beautiful Salt & Pepper shades. Suits the building theme, décor and desired contrast.

Sizes available



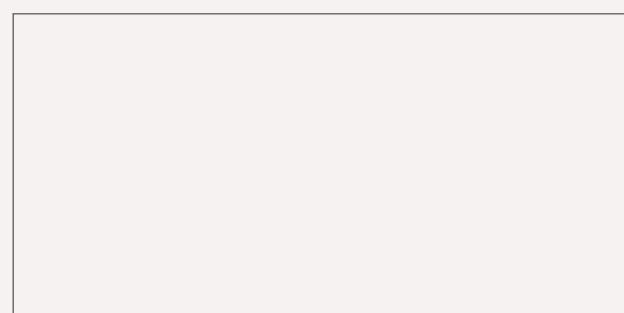
steps

300x1200mm



riser

200x1200mm



landing area tile

600x1200mm

MATT

## STEP STONE

300x1200MM / 200x1200MM

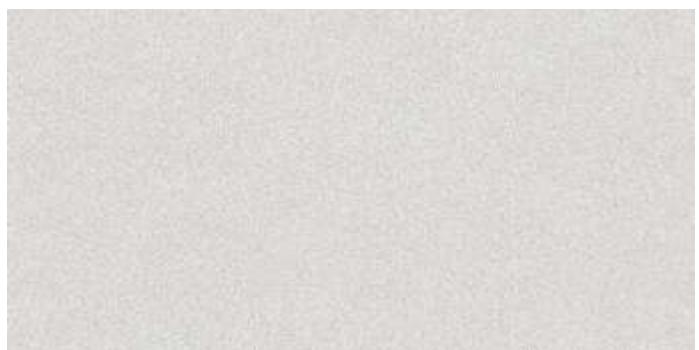
FULL BODY VITRIFIED TILES



12351 | STEP



12251 | RISER



12651 | LANDING AREA TILE

600x1200MM



12352 | STEP



12252 | RISER



12652 | LANDING AREA TILE

600x1200MM



MATT

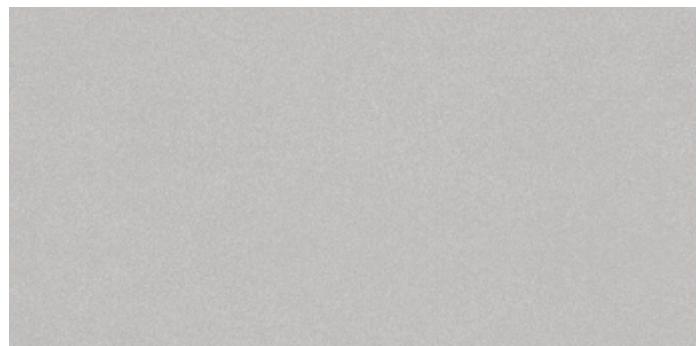
## STEP STONE

300x1200MM / 200x1200MM

FULL BODY VITRIFIED TILES



12353 | STEP



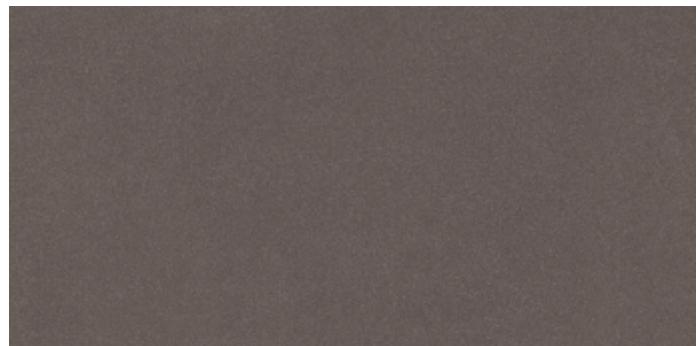
12253 | RISER

12653 | LANDING AREA TILE

600x1200MM



12354 | STEP



12254 | RISER

12654 | LANDING AREA TILE

600x1200MM

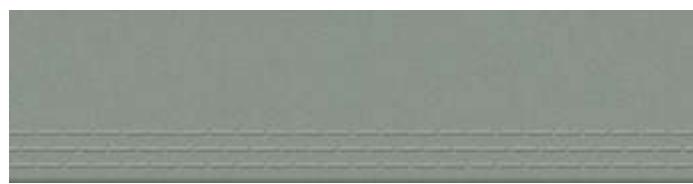


MATT

## STEP STONE

300x1200MM / 200x1200MM

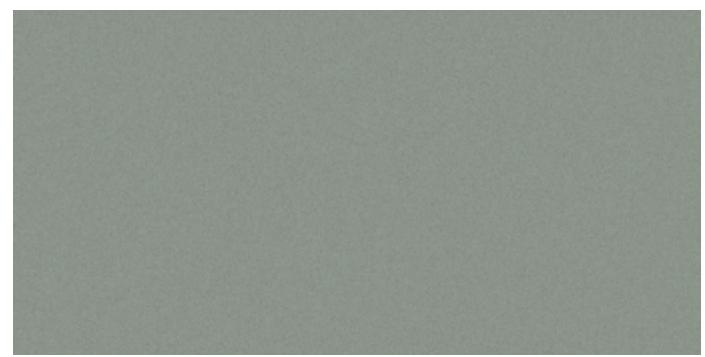
FULL BODY VITRIFIED TILES



12355 | STEP



12255 | RISER



12655 | LANDING AREA TILE

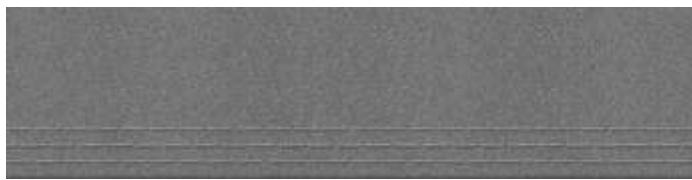
600x1200MM

MATT

## STEP STONE

300x1200MM / 200x1200MM

FULL BODY VITRIFIED TILES



12356 | STEP



12256 | RISER



12656 | LANDING AREA TILE

600x1200MM



12357 | STEP



12257 | RISER



12657 | LANDING AREA TILE

600x1200MM

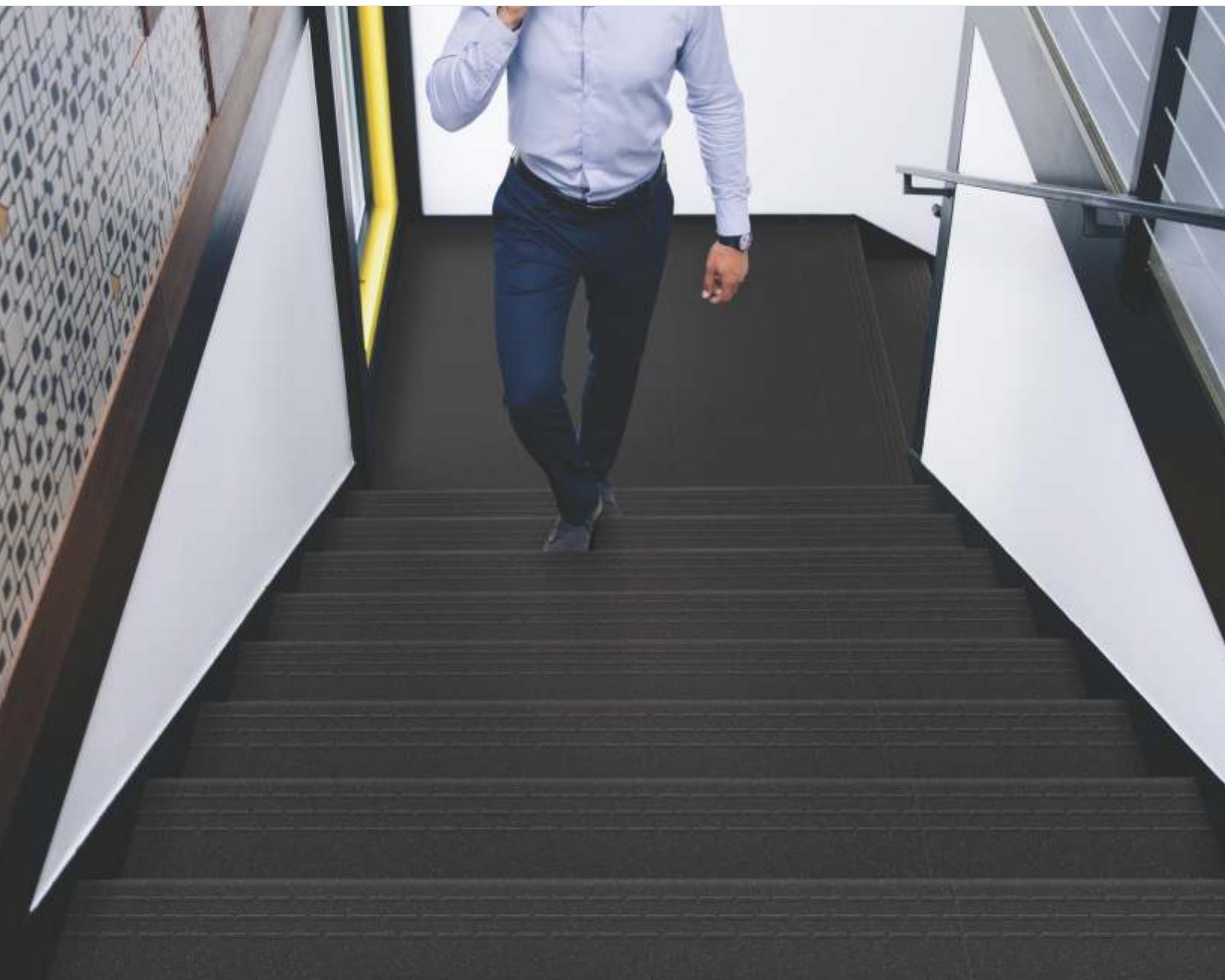


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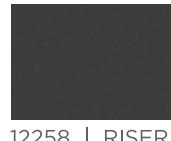
## STEP STONE

300x1200MM / 200x1200MM

FULL BODY VITRIFIED TILES



12358 | STEP



12258 | RISER



12658 | LANDING AREA TILE

600x1200MM

## Journey into Yourself

STONE GRES PLUS is able to evoke the beauty of antique stone paving, natural effect stones that provide a unique touch to any setup. STONE GRES PLUS is ideal to create passageways in modern gardens terraces and patios as well as interior and heavy transit area.

StoneGres Plus  
600x1200 MM

**FULL  
BODY**  
VITRIFIED STEPS

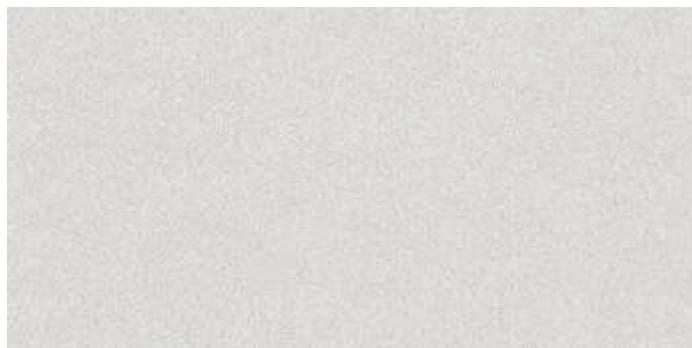


MATT / POLISHED

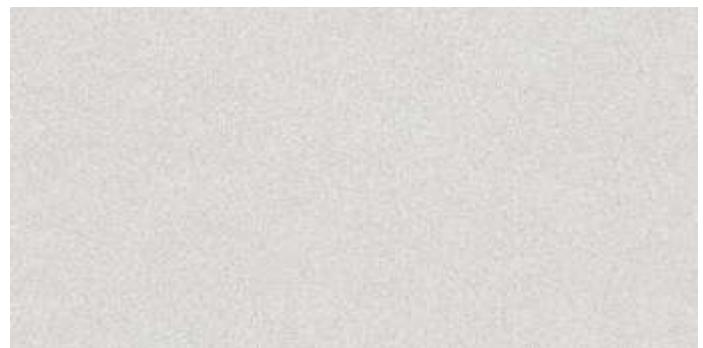
## STONEGRES PLUS

600x1200MM

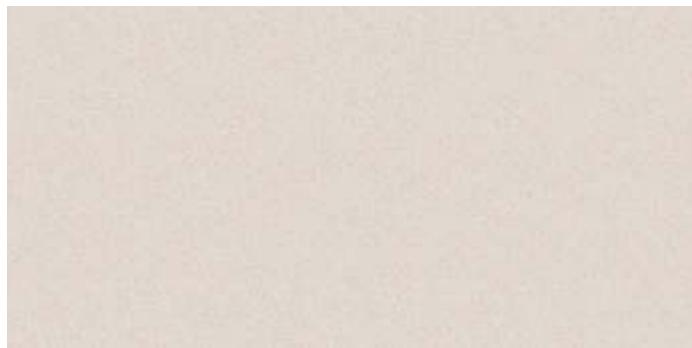
FULL BODY VITRIFIED TILES



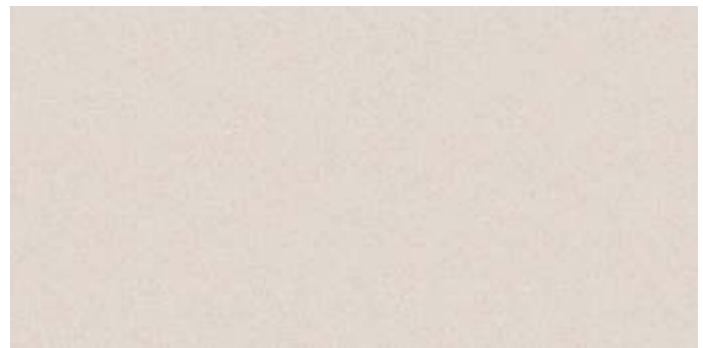
12651 - MATT



12651 - POLISHED



12652 - MATT



12652 - POLISHED

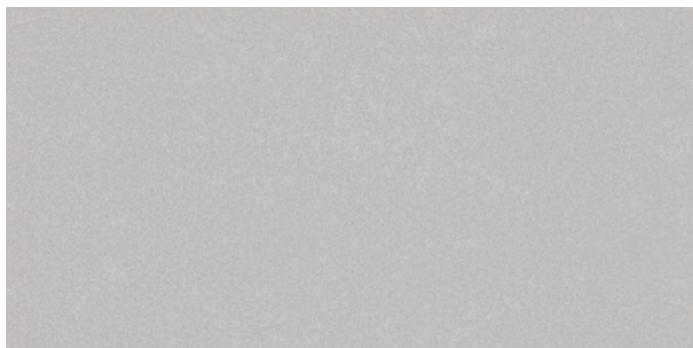


MATT / POLISHED

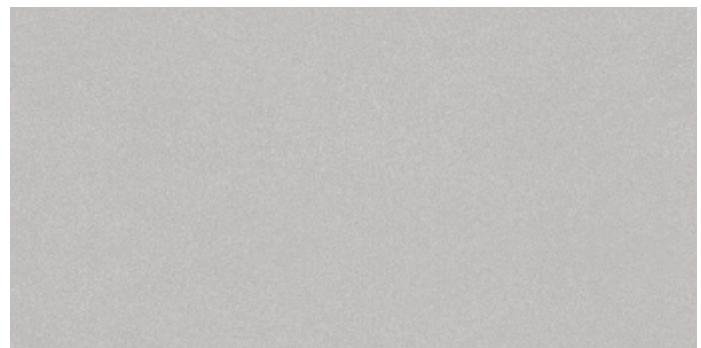
## STONEGRES PLUS

600x1200MM

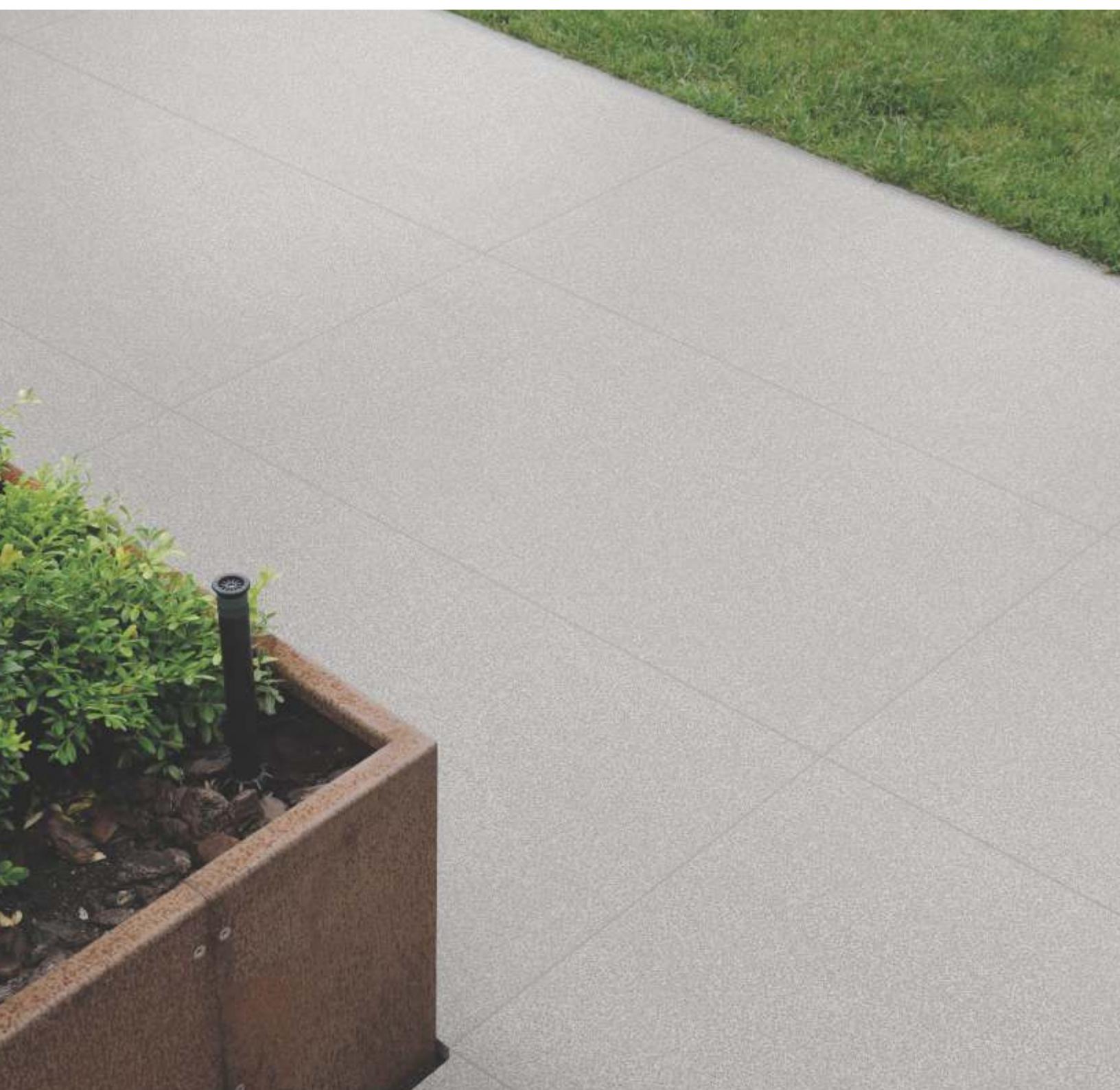
FULL BODY VITRIFIED TILES

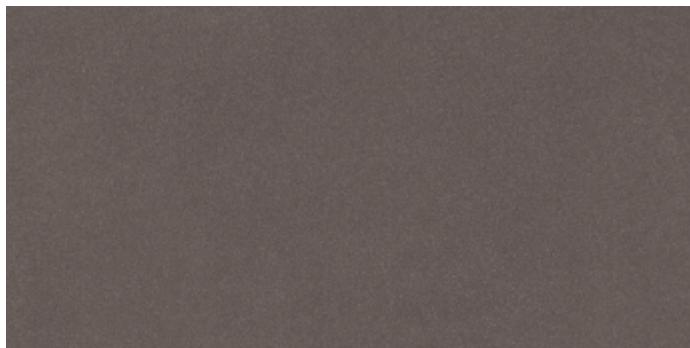


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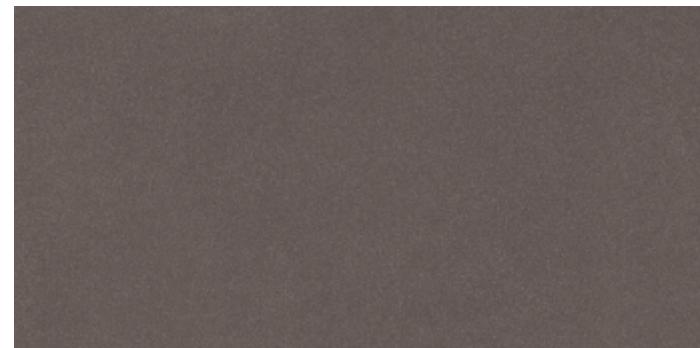


12653 - POLISHED





12654 - MATT



12654 - POLISHED



12655 - MATT



12655 - POLISHED

MATT / POLISHED

## STONEGRES PLUS

600x1200MM

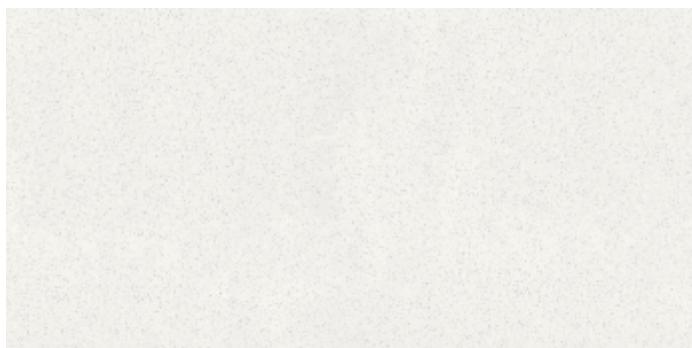
FULL BODY VITRIFIED TILES



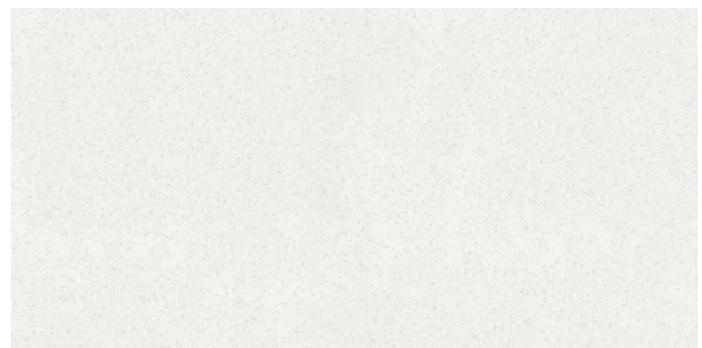
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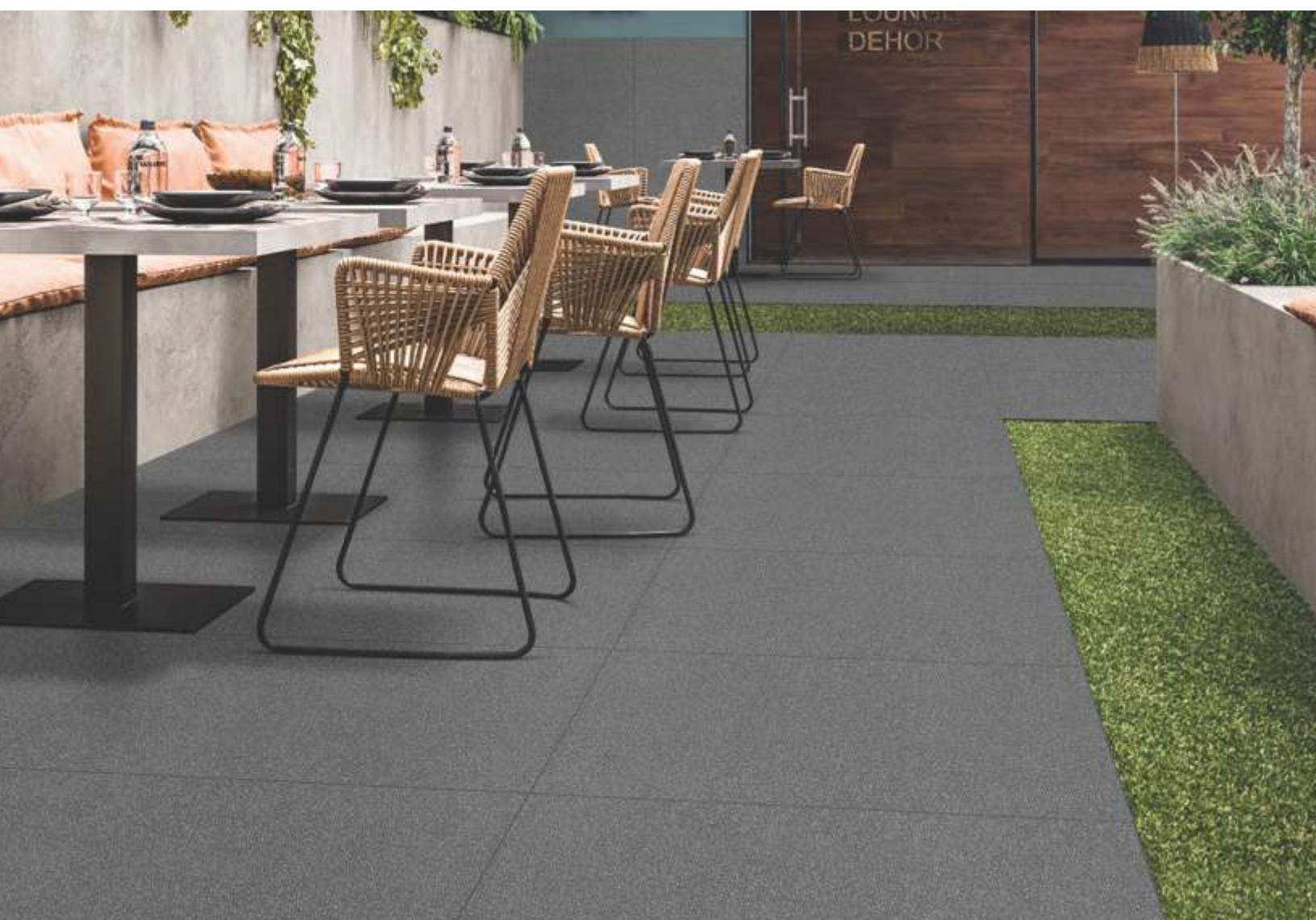
12656 - POLISHED



12657 - MATT



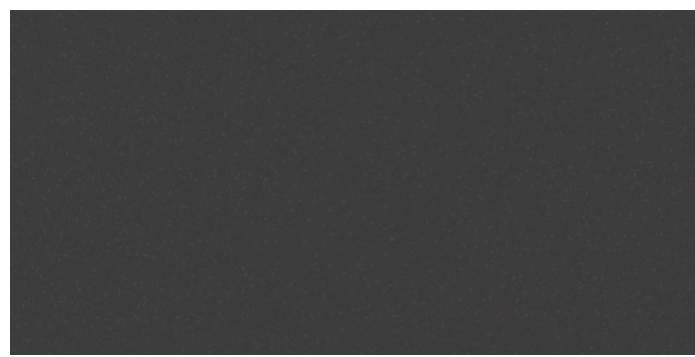
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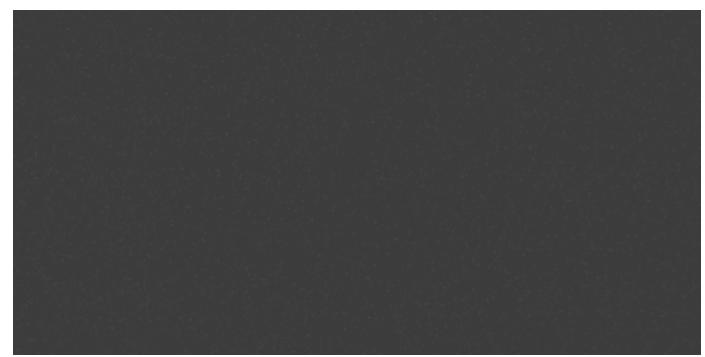
MATT / POLISHED

## STONEGRES PLUS

600x1200MM



12658 - MATT



12658 - POLISHED

## Journey into Yourself

STONE GRES is able to evoke the beauty of antique stone paving, natural effect stones that provide a unique touch to any setup. STONE GRES is ideal to create passageways in modern gardens terraces and patios as well as interior and heavy transit area.

**StoneGres**  
600x600 MM

**FULL  
BODY**



SALT & PEPPER

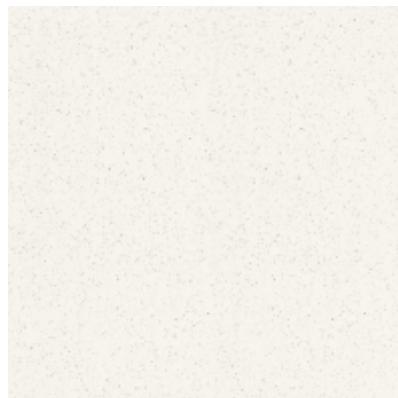
## STONEGRES

600x600MM

FULL BODY VITRIFIED TILES



K 6601 - POLISHED



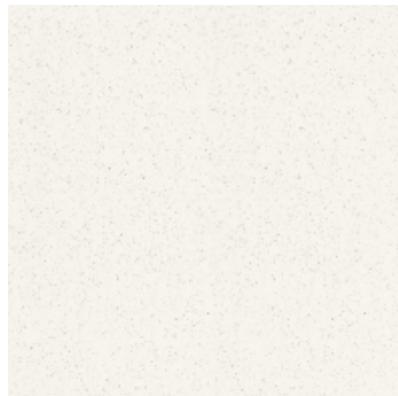
K 6602 - POLISHED



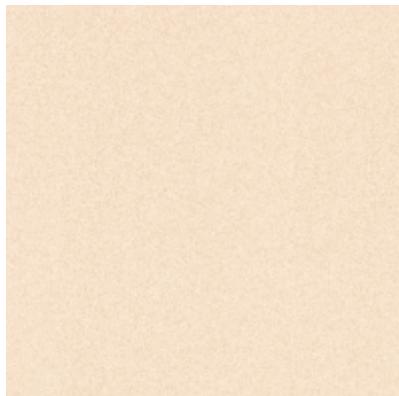
K 6603 - POLISHED



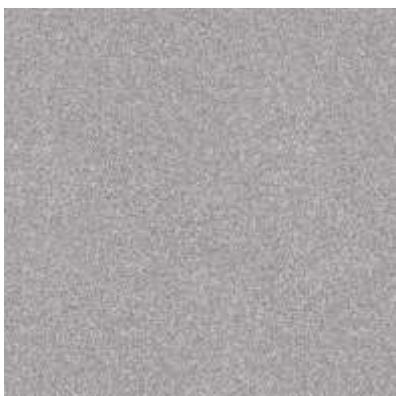
K 6601 - MATT



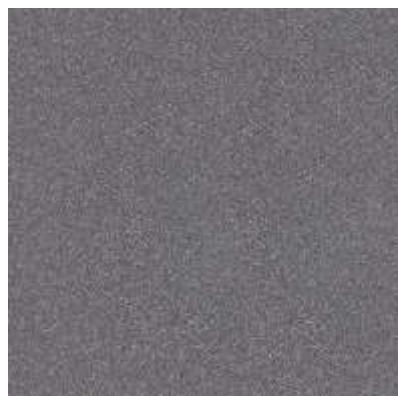
K 6602 - MATT



K 6603 - MATT



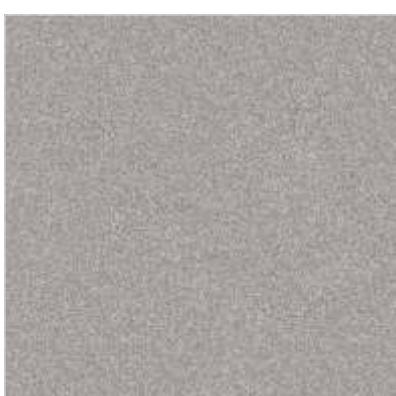
K 6604 - POLISHED



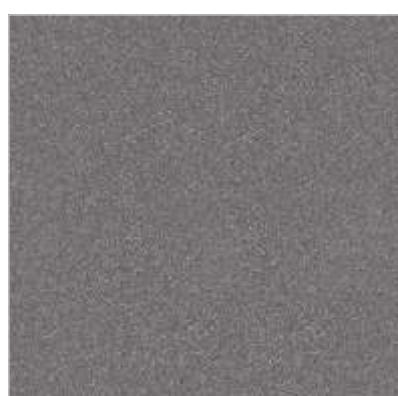
K 6605 - POLISHED



K 6606 - POLISHED



K 6604 - MATT



K 6605 - MATT

# Italian Beauty Amazing Strength

Amazon series by Kajaria inspired by tradition and the most beautiful Italian natural stones, obtained through the use of the most advanced production technologies. The double charge surface represent something unique in terms of the refinement of the details that always original and distinctive. The appearance of polished marble floors and the refined beauty of classical surfaces has now become Amazon - Double Charge Polished Vitrified Tiles.

## Amazon 600x600 MM



SUPER GLOSSY

# AMAZON

600x600MM

POLISHED ITALIAN VITRIFIED TILES



K 6401



K 6402



K 6403



K 6404



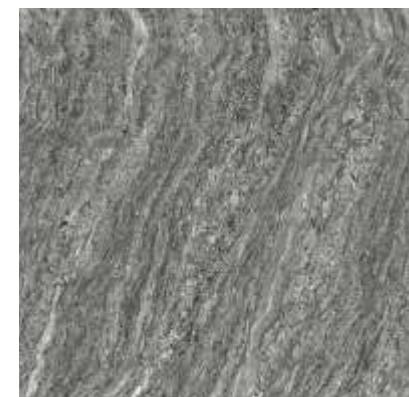
K 6405



K 6406



K 6407



K 6411



K 6413

# Feel The Ecstasy of Sand

Experience the true feel of sand. The charm of exquisite beauty, the tiles resonate the striking surfaces of sand dunes. These versatile tiles confer a creative freedom that ensures extensive personalization. The sensual and organic beauty of sand is aptly emulated in this collection of 60x60 cm tiles. Rich, undulating textures, manufactured with unparalleled quality and precise pro-craftsmanship. An astounding combination of beauty and durability, this collection packs impeccable style, resilience and the finest of finishes into one exquisite product. Ideal for the home of your dreams.

## Sandune 600x600 MM



SUPER GLOSSY

## SANDUNE

600x600MM

DOUBLE CHARGE POLISHED VITRIFIED TILES



K 6801



K 6802



K 6804



K 6805



K 6806



K 6807



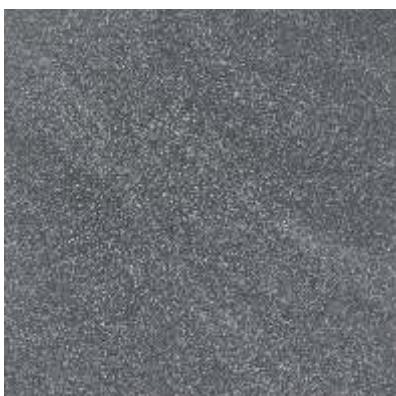
K 6808



K 6809



K 6813



K 6814



K 6816



K 6818

## The Aesthetic Culture

The stone art collection reproduces the effects of the finest stone, combined with the strength and durability of polished vitrified tiles. The tiles come in six stunning designs with three distinct finishes, satin matt, rock and slate, one more stunning than the other. Canvassing nature's exquisite forms, Kajaria's 60x60 cm Stone Art tiles present an aesthetic culture that will enhance outdoors to a whole new level. These random vitrified tiles are super resilient to harsh weather, hence ideal for high traffic areas with heavy footfall.

## Stone Art

600x600 MM



**EVERY STONE HAS  
ITS OWN STORY**

**STONE**  
*art*



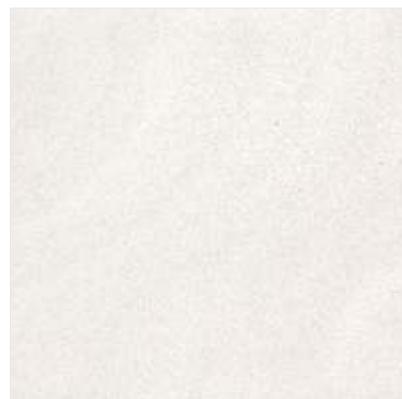
K 6806 - SATIN MATT



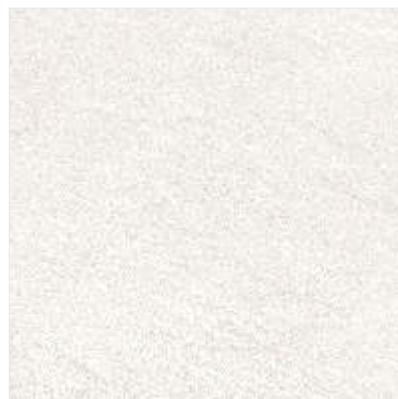
K 6807 - SATIN MATT



K 6807 - SLATE



K 6813 - SATIN MATT



K 6813 - SLATE



K 6814 - SATIN MATT



K 6814 - SLATE

STONE FINISH

## STONE ART

600x600MM

DOUBLE CHARGE VITRIFIED TILES



K 6815 - SATIN MATT



K 6815 - SLATE





K 6818 - SATIN MATT



K 6818 - SLATE

# Electrifying Spaces

A range of double charge polished vitrified tiles that comprises the finest quality tiles for you to transform your space. Enrich your ambience with tiles that reflect electrifying charm. The Double Charged Series incorporates tiles designed to enthrall one's senses with sophisticated shades inspired by the beauty of natural stone. Ideal for both homes as well as corporate offices, the Double Charged Series is the new definition of beauty. These large format double charge tiles are further protected through modern Nano-Technology and super shined through superior modern polishing technology which adds premium look to your flooring.

## Double Charge

600x600 MM



SUPER GLOSSY

## DOUBLE CHARGE

600x600MM

POLISHED VITRIFIED TILES



K 6029



K 6032



K 6201



K 6204



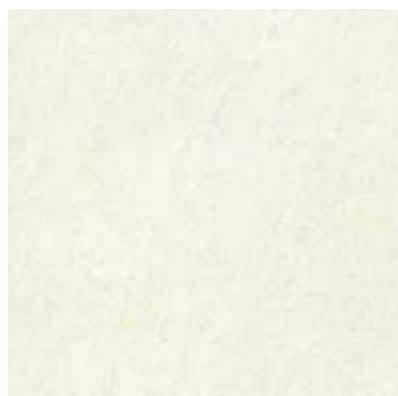
K 6206



K 6207



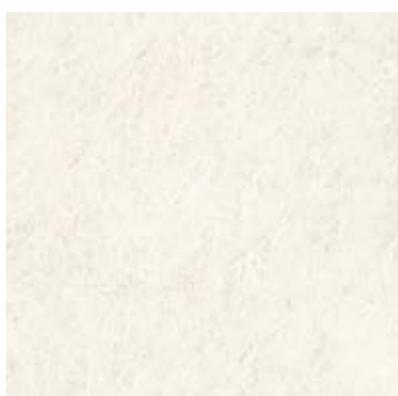
K 6208



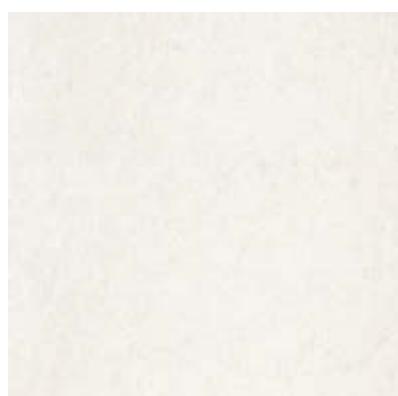
K 6209



K 6210



K 6211



K 6212



K 6213

SUPER GLOSSY

## DOUBLE CHARGE

600x600MM

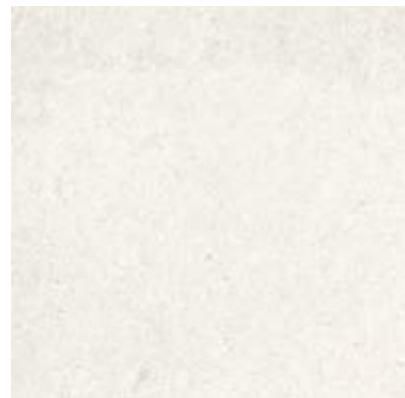
POLISHED VITRIFIED TILES



K 6214



K 6215



K 6217



SUPER GLOSSY

## DOUBLE CHARGE

600x600MM

POLISHED VITRIFIED TILES



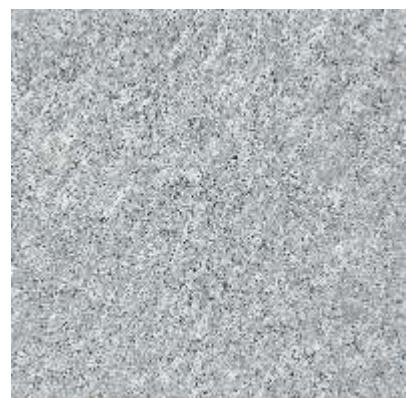
\* SPECIAL PLAIN COLOUR



K 6223



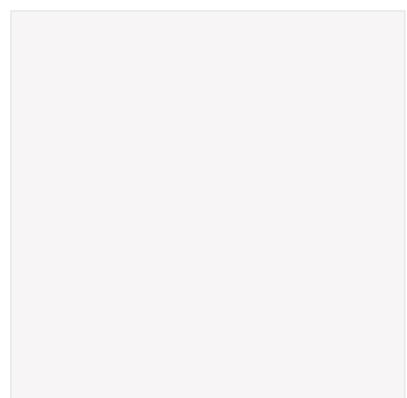
K 6301



K 6302



K 6306



K 7000\*

## Rediscover Elegance

An exceptional range of soluble salt tiles that exude the attractiveness and splendor of the spaces. The range of tiles is light in weight yet sturdy, available in varied elegant and fancy textures. The Elegant Soluble Salt collection is available in different styles to fit the needs of traditional as well as modern spaces. This range brings together the sophisticated look of high gloss finish combined with superior functionality. The unmatched physical and chemical properties coupled with matchless designs make these tiles suitable for all settings.

## Elegant Soluble Salt 600x600 MM

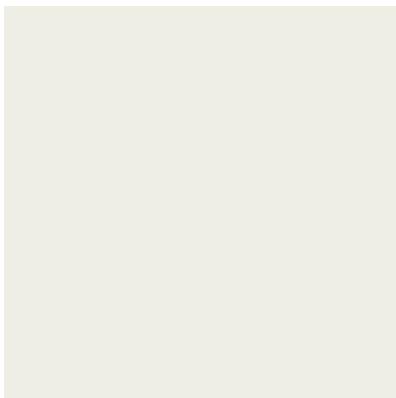


SUPER GLOSSY

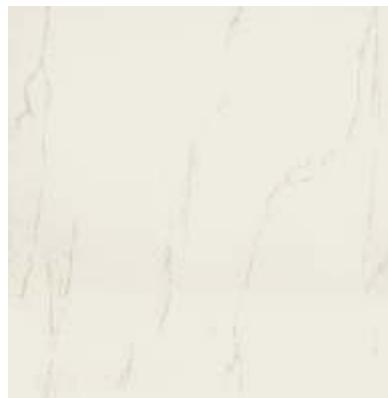
## ELEGANT SOLUBLE SALT

600x600MM

POLISHED VITRIFIED TILES



K 6000



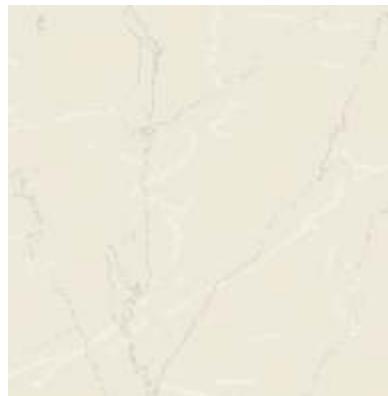
K 6002



K 6008



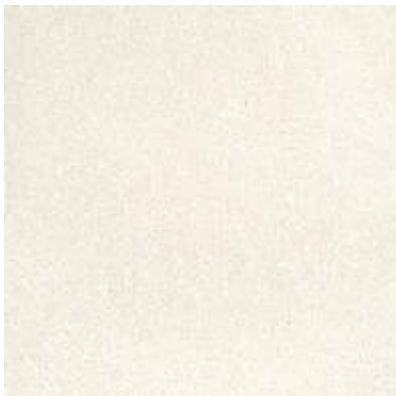
K 6010



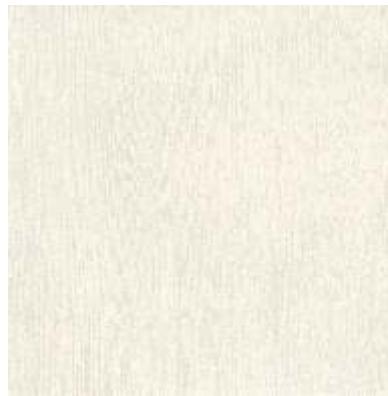
K 6014



K 6018



K 6019



K 6101



K 6102



K 6105



K 6107

**Kajaria**

SUPER GLOSSY

## ELEGANT SOLUBLE SALT

600x600MM

POLISHED VITRIFIED TILES



MARBELLA



DYNA



THUNDERSTORM





CICILIA



WOODENZA



CRACK



TRAVERTINE

Aesthetic and  
Functional

**12 mm**  
ULTRATHICK OUTDOOR VITRIFIED TILES

**<0.10**  
WATER ABSORPTION



## Duratech-XT

600x600 MM

## Duratech

400x400 MM

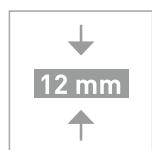




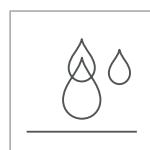
One of the most important conditions to create aesthetic and functional space is to choose materials suitable for the space. In particular, floors that are the mostly commonly used parts of the outdoor spaces are an important factor to ensure that the conditions in the space meet the needs.

Kajaria Duratech & Duratech XT - Heavy Duty Vitrified Tiles can be safely used in all internal and external spaces that are exposed to high load and pedestrian traffic. They are a flawless blend of elegance and durability. Maintaining all the vital parameters namely surface hardness (Moh), water absorption, breaking strength (Mor), Load Bearing Capacity etc., the application base of Duratech & Duratech XT series is wider, and its every design is a true reflection of art. They are safely used on Floor area like pedestrian traffic areas, vehicular movement areas, terraces, Seatout areas, balcony, roof sunbathing areas, veranda, seaside, beach, swimming pools, sidewalk, airport, metros, train stations, industrial buildings, parking lots, underpasses, villa gardens, educational buildings etc.

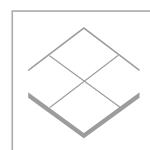
## Features :



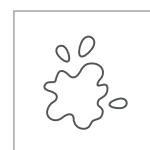
HIGHER THICKNESS



WATER ABSORPTION < 0.10%



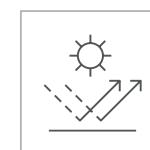
RECTIFIED



RESISTANT TO STAINS



ANTISLIP



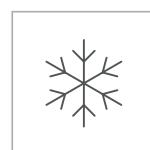
HIGHLY UV RESISTANT



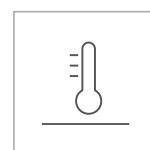
RESISTANT TO SCRATCHES



EASY TO CLEAN



FROST RESISTANCE



RESISTANCE TO HIGH TEMPERATURES



HEAVY LOAD BEARING



HIGH MECHANICAL RESISTANCE

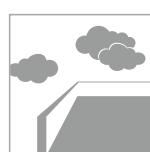
## Application Areas :



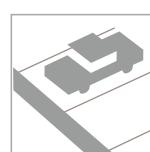
PATHS AND WALKWAYS



SWIMMING POOLS AND ADJACENT AREAS



TERRACES



PARKING AREAS, TRANSITIBLE AREAS



BEACH ESTABLISHMENTS



PUBLIC PARKS AND GARDENS



STREET FURNISHINGS



INDUSTRIAL AREAS

**Kajaria**

MATT

# DURATECH-XT

600x600MM

HEAVY DUTY OUTDOOR VITRIFIED TILES



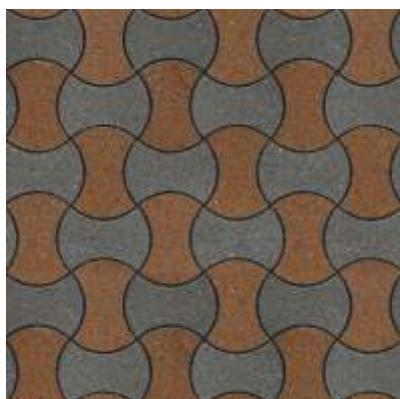
K 7011



K 7012



K 7013



K 7014



K 7015



K 7016

MATT

# DURATECH-XT

600x600MM

HEAVY DUTY OUTDOOR VITRIFIED TILES



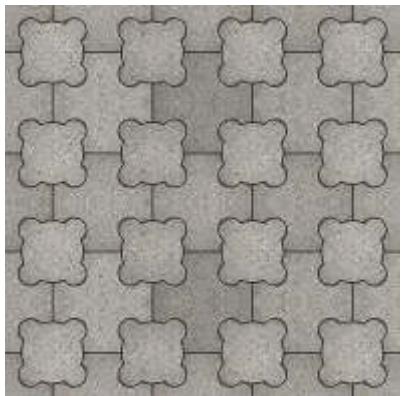
K 7017



K 7018



K 7019



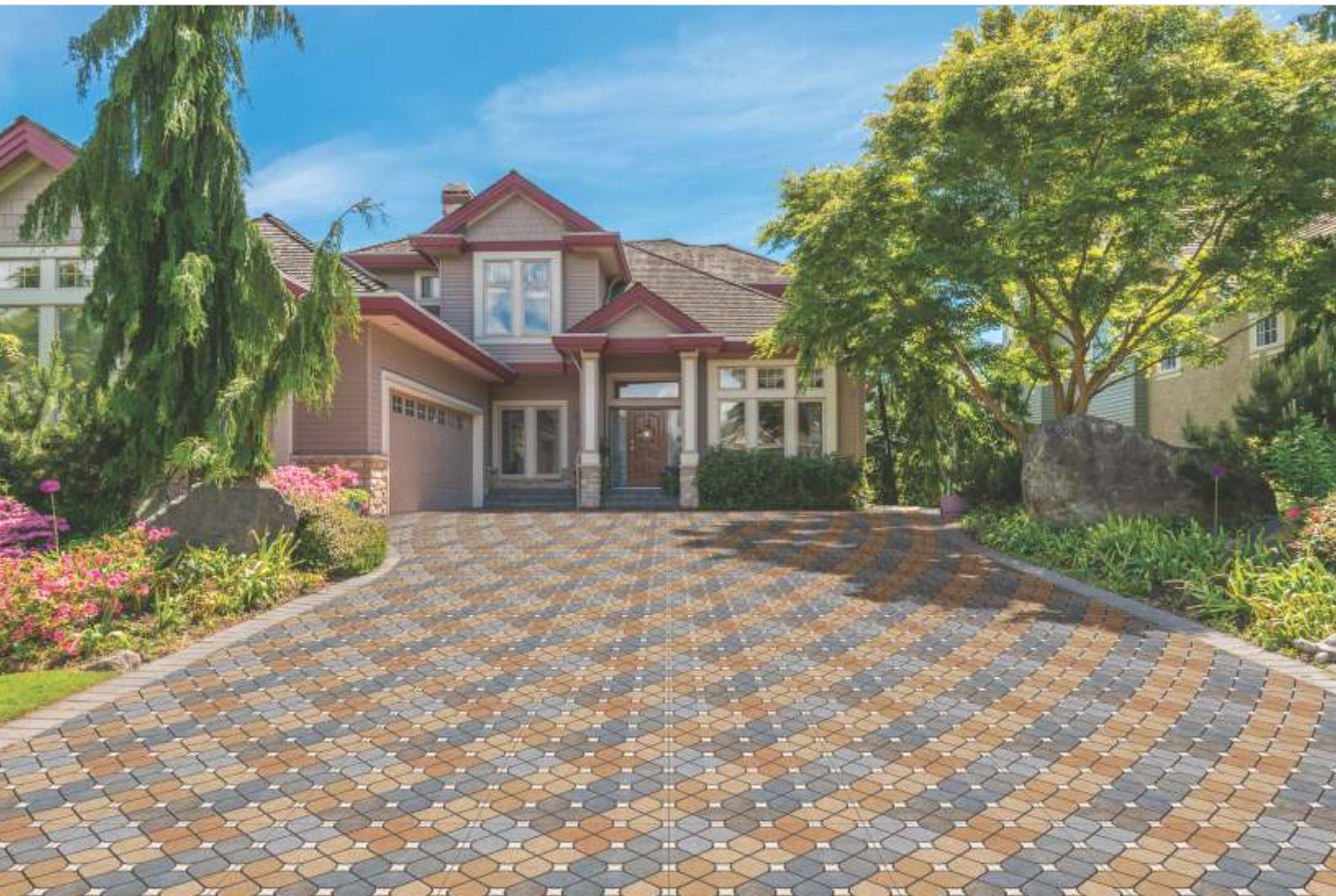
K 7025



K 7026



K 7027

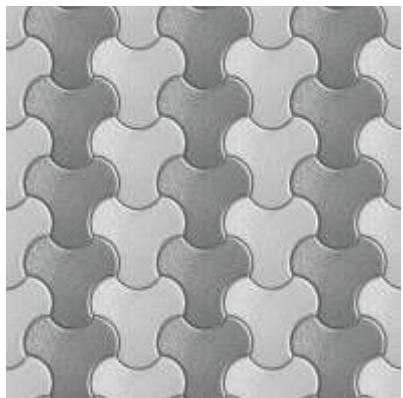


MATT

# DURATECH-XT

600x600MM

HEAVY DUTY OUTDOOR VITRIFIED TILES



K 7028



K 7032



K 7033



K 7035



K 7036



K 7038



MATT

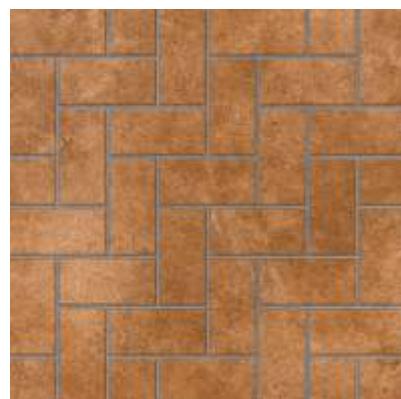
## DURATECH-XT

600x600MM

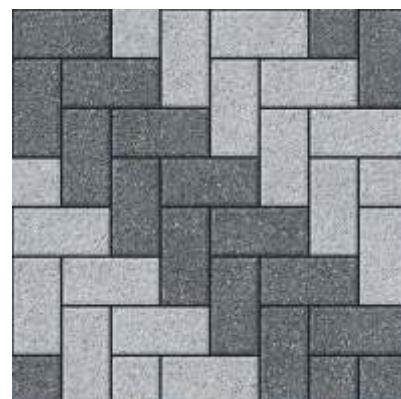
HEAVY DUTY OUTDOOR VITRIFIED TILES



K 7039



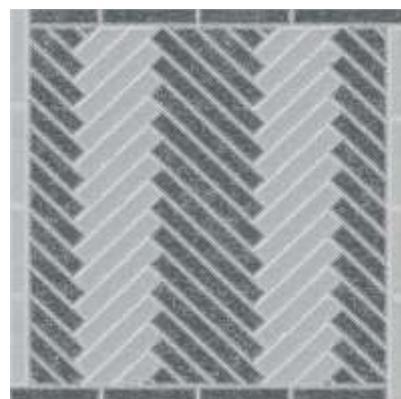
K 7040



K 7041



K 7042



K 7043



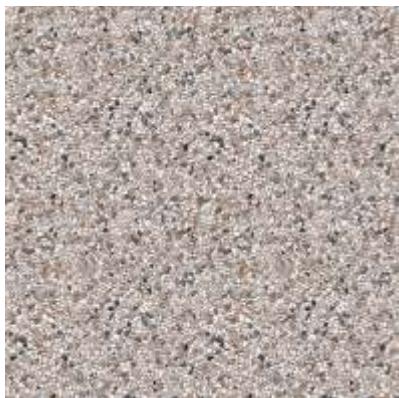
K 7044

MATT

# DURATECH-XT

600x600MM

HEAVY DUTY OUTDOOR VITRIFIED TILES



K 7046



K 7047



K 7048



K 7049



K 7050



K 7051



MATT

## DURATECH-XT

600x600MM

HEAVY DUTY OUTDOOR VITRIFIED TILES



K 7053



K 7054



K 7055



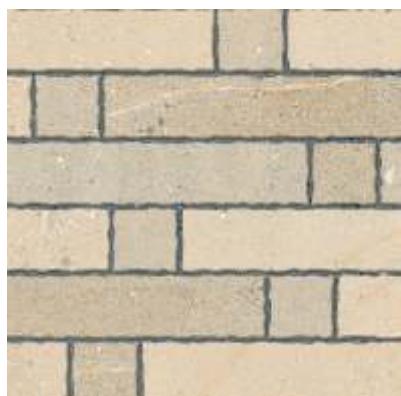
K 7056



K 7057



K 7058



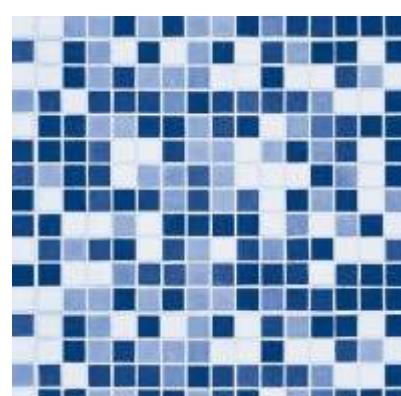
K 7060



K 7061



K 7067



K 7068



K 7070



K 7081

MATT

# DURATECH-XT

600x600MM

HEAVY DUTY OUTDOOR VITRIFIED TILES



K 7092



K 7093



K 7094



K 7095



K 7099



K 7101



MATT

# DURATECH

400x400MM

HEAVY DUTY OUTDOOR VITRIFIED TILES



4011 A



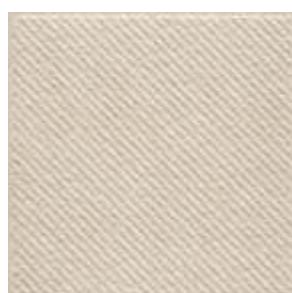
4012 A



4013 B



4014 B



4015 B



4016 B



4017 C



4018 C



4019 C



MATT

# DURATECH

400x400MM

HEAVY DUTY OUTDOOR VITRIFIED TILES



4020 D



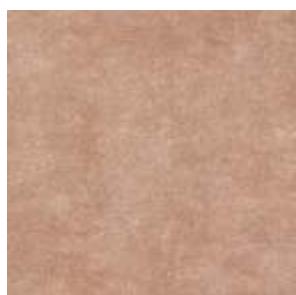
4020 D-HL



4021 E



4021 E-HL



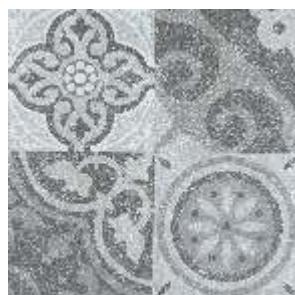
4022 E



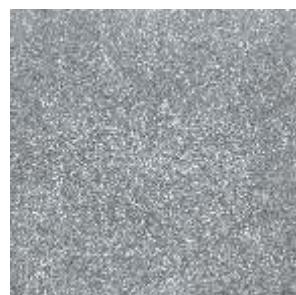
4023 E



4024 F



4024 F-HL



4025 F



MATT

# DURATECH

400x400MM

HEAVY DUTY OUTDOOR VITRIFIED TILES



4026 G ■



4027 G ■



4028 G ■



4029 H ■



4030 H ■



4031 H ■



4032 H ■

MATT

# DURATECH

400x400MM

HEAVY DUTY OUTDOOR VITRIFIED TILES



4033 I ■



4034 I ■



4035 I ■



4036 J



4037 J



4038 J



4039 K



4040 K



4041 L



4042 L



4043 M



4044 M



4045 N



4046 N



4047 O



4048 O



4049 P



4050 P

MATT

# DURATECH

400x400MM

HEAVY DUTY OUTDOOR VITRIFIED TILES



4051 Q



4052 Q



4053 R



4054 R



4055 S



4056 S



4057 S



4058 T



4059 T

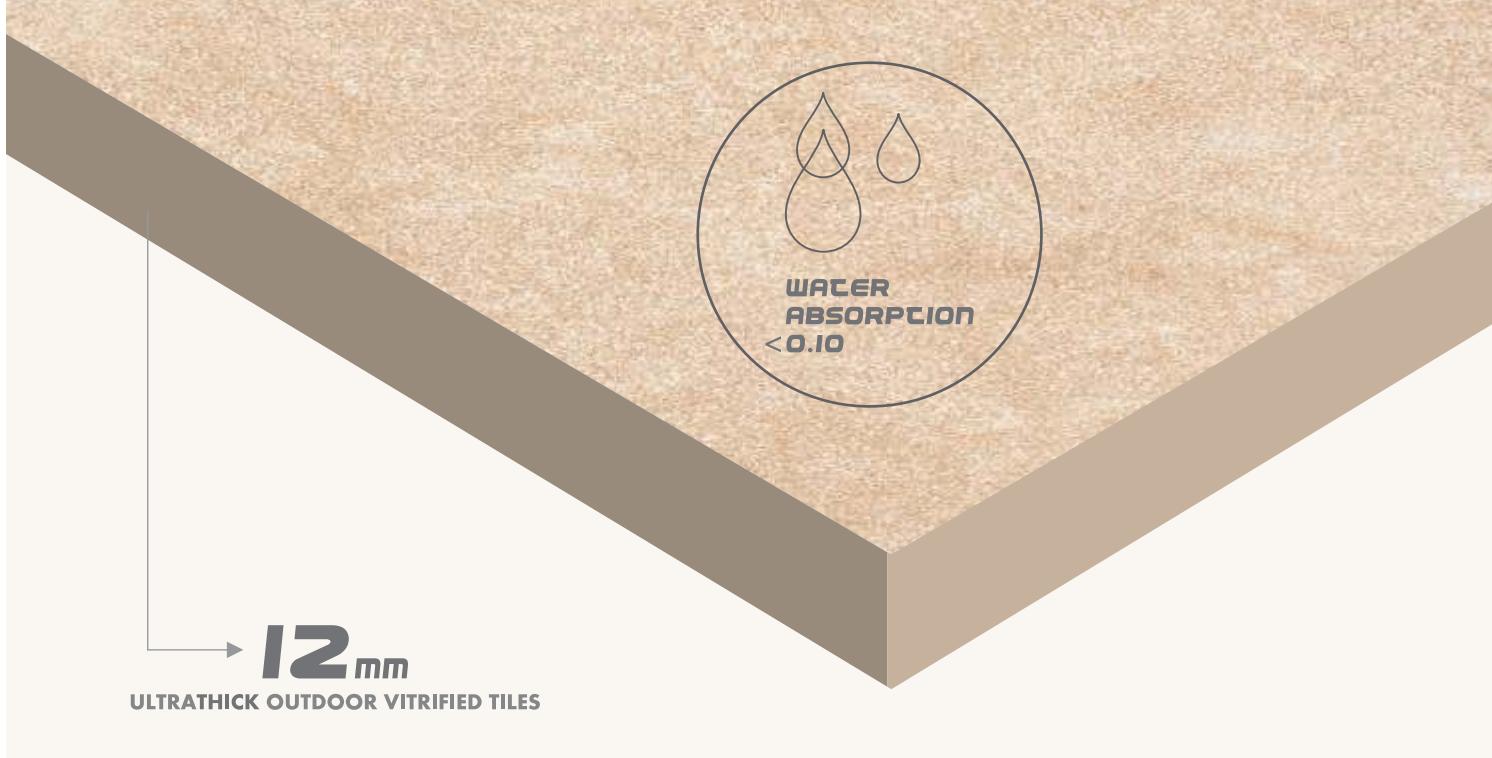


4060 U



4061 U





#### TECHNICAL SPECIFICATION 600x600MM | 400X400MM / 12MM DURATECH

S.No.	PROPERTY	GROUP BIA - ISO 13006/EN-176	GROUP BIA IS :15622:2017	OUR VALUE	TEST ACCORDING TO
Dimensions & surface Quality					
1.	Deviation in length and width	± 0.6%	± 0.1%	± 0.1%	ISO 10545.2/IS:13630 (P-1)
2.	Deviation in thickness	± 5%	± 5%	± 4%	ISO 10545.2/IS:13630 (P-1)
3.	Deviation in Straightness of sides	± 0.5%	± 0.5%	± 0.1%	ISO 10545.2/IS:13630 (P-1)
4.	Deviation in Rectangularity	± 0.6%	± 0.1%	± 0.1%	ISO 10545.2/IS:13630 (P-1)
5.	Deviation in Surface Flatness	± 0.5%	± 0.5%	± 0.2%	ISO 10545.2/IS:13630 (P-1)
6.	Surface Quality (%)	Minimum 95%	Minimum 95%	No visible defects	ISO 10545.2/IS:13630 (P-1)
Physical characteristics					
7.	Scratch Hardness of surface Moh's scale	Min. 6	Min. 5	6	EN-101/IS:13630 (P-1)
8.	Water absorption	≤0.5%	Averages 0.08, Individual maximum 0.10%	<0.1%	ISO 10545.3/IS: 13630 (P-2)
9.	Moisture Expansion	Nil	-	Nil	ISO 10545.10
10.	Surface Abrasion Resistance	As per Mfg.	-	Min. Class-4	ISO 10545.7
11.	Deep Abrasion	max 175 mm <sup>3</sup>	max 140 mm <sup>3</sup>	< 144mm <sup>3</sup>	ISO 10545.6/IS:13630 (P-12)
Mechanical characteristics					
12.	Breaking strength	1300 N	Min 1300 N	>3000N	ISO 10545.4/IS: 13630 (P-6)
13.	Modulus of rupture	>35 N/mm <sup>2</sup>	Average 35, Individual minimum 32	≥40 N/mm <sup>2</sup>	ISO 10545.4/IS: 13630 (P-6)
14.	Impact resistance	Declared by manufacturer	Required	Min. 0.55	ISO 10545.5/IS:13630 (P-14)
Safety characteristics					
15.	Density	2.20 gm/cc	Min 2.20 gm/cc	2.30 gm/cc	ISO 10545.3
16.	Skid resistance (Friction coefficient)	≥0.4	-	≥0.5	ISO 10545.17
Thermo photo characteristics					
17.	Thermal shock resistance	Resistant to 10 cycles	Min 10 cycles	Pass min 10 cycles	ISO 10545.9/IS: 13630 (P-5)
18.	Co efficient of thermal expansion	9×10 <sup>-6</sup> K <sup>-1</sup> Max	6×10 <sup>-6</sup> K <sup>-1</sup> Max	<6×10 <sup>-6</sup> K <sup>-1</sup> Max	ISO 10545.8/IS:13630 (P-4)
19.	Frost resistance	Resistant	Required	Frost proof	ISO 10545.12/IS: 13630 (P-10)
20.	Crazing Resistance	As per Mfg.	-	Min 10 cycles	ISO 10545.11
Chemical characteristics					
21.	Stain Resistance	Min class-3	Required	Min conform to class-4*	ISO 10545.14
22.	Chemical Resistance HOUSE HOLD CHEMICAL & SWIMMING POOL SALT	min class-UB	Required	Conform to classes-UA*	ISO 10545.13/IS:13630 (P-7)
23.	Chemical Resistance LOW CONCENTRATIONS ACID & ALKALIES	min class-ULB	Required	Conform to classes-ULA*	ISO 10545.13/IS:13630 (P-7)
24.	Chemical Resistance HIGH CONCENTRATIONS ACID & ALKALIES	min class-UHB	Required	Conform to classes-UHA*	ISO 10545.13/IS:13630 (P-7)

#### PACKING DETAILS

DIMENSIONS (MM)	NO. OF TILES / BOX	COVERAGE AREA
600x600	3 Pcs.	1.08 sqm.
400x400	5 Pcs.	0.80 sqm.

\* Vitrified tiles have resistance to most of the stains/chemicals but, it is recommended to take due care while laying and for day-to-day maintenance.  
\* Resistance to acids & alkalies (Exception Hydrofluoric Acids & its Compounds)

### Technical Specification POLISHED VITRIFIED TILES (1000x1000 Solitaire Plus)

S. No.	PROPERTY	GROUP BIA ISO 13006/EN-176	GROUP BIA IS :15622:2017	KAJARIA VITRO VALUE	TEST ACCORDING TO
Dimensions & surface Quality					
1.	Deviation in length and width	± 0.6%	± 0.1%	± 0.1%	ISO 10545:2/IS:13630 (P-1)
2.	Deviation in thickness	± 5%	± 4%	± 4%	ISO 10545:2/IS:13630 (P-1)
3.	Deviation in Straightness of sides	± 0.5%	± 0.4%	± 0.1%	ISO 10545:2/IS:13630 (P-1)
4.	Deviation in Rectangularity	± 0.6%	± 0.1%	± 0.1%	ISO 10545:2/IS:13630 (P-1)
5.	Deviation in Surface Flatness	± 0.5%	± 0.2%	± 0.2%	ISO 10545:2/IS:13630 (P-1)
6.	Surface Quality (%)	Minimum 95%	Minimum 95%	No visible defects	ISO 10545:2/IS:13630 (P-1)
7.	Glossiness with Nano	Declared by manufacturer	-	Minimum 90	ISO 2813 (Glossy meter)
Physical characteristics					
8.	Scratch Hardness of surface Moh's scale	Min. 6	Min. 5	Min. 5	EN-101/IS:13630 (P-13)
9.	Water absorption	≤ 0.5%	Averages 0.08, Individual maximum 0.10%	<0.05%	ISO 10545:3/IS: 13630 (P-2)
10.	Moisture Expansion	Nil	-	Nil	ISO 10545:10
11.	Deep Abrasion	max 175 mm	Max 100 mm <sup>3</sup>	≤ 144mm <sup>3</sup>	ISO 10545:6/IS:13630 (P-12)
Mechanical characteristics					
12.	Breaking strength	1300 N	Min 1300 N	≥ 3000 N	ISO 10545:4/IS: 13630 (P-6)
13.	Modulus of rupture	>35 N/mm <sup>2</sup>	Average 35, Individual minimum 32	≥ 40 N/mm <sup>2</sup>	ISO 10545:4/IS: 13630 (P-6)
Safety characteristics					
14.	Density	2.20 gm/cc	Min 2.20 gm/cc	2.34 gm/cc	DIN 51082/IS: 13630 (P-2)
15.	Skid resistance (Friction coefficient)	≥ 0.4	-	≥ 0.4	ISO 10545:17
Thermo photo characteristics					
16.	Thermal shock resistance	Resistant to 10 cycles	Min 10 cycles	Pass min 10 cycles	ISO 10545:9/IS: 13630 (P-5)
17.	Coefficient of thermal expansion	9×10 <sup>-6</sup> K <sup>-1</sup> Max	6×10 <sup>-6</sup> K <sup>-1</sup> Max	<6×10 <sup>-6</sup> K <sup>-1</sup> Max	ISO 10545:8/IS:13630 (P-4)
18.	Frost resistance	Resistant	Resistant	Resistant	ISO 10545:12/IS: 13630 (P-10)
19.	Color Resistance to UV light	Resistant	-	Resistant	DIN 51094
Chemical characteristics characteristics					
20.	Stain Resistance	Min class-3	Required	Min conform to class-4*	ISO 10545:14
21.	Chemical Resistance HOUSE HOLD CHEMICAL & SWIMMING POOL SALT	Min class-UB	Required	Conform to classes-UA*	ISO 10545:13/IS:13630 (P-7)
22.	Chemical Resistance LOW CONCENTRATIONS ACID & ALKALIES	Min class-ULB	Required	Conform to classes-ULA*	ISO 10545:13/IS:13630 (P-7)
23.	Chemical Resistance HIGH CONCENTRATIONS ACID & ALKALIES	Min class-UHB	Required	Conform to classes-UHA*	ISO 10545:13/IS:13630 (P-7)

## TECHNICAL SPECIFICATION - POLISHED VITRIFIED TILES

S. No.	Property	Group B1a - ISO 13006 / EN - 176	Group B1a IS : 15622 : 2006	Our Value	Test According to
<b>Dimensions &amp; surface Quality</b>					
1.	Deviation in length and width	± 0.6%	± 0.1%	± 0.1%	ISO 10545:2/IS:13630 (P-1)
2.	Deviation in thickness	± 5%	± 4%	± 4%	ISO 10545:2/IS:13630 (P-1)
3.	Deviation in Straightness of sides	± 0.5%	± 0.4%	± 0.1%	ISO 10545:2/IS:13630 (P-1)
4.	Deviation in Rectangularity	± 0.6%	± 0.1%	± 0.1%	ISO 10545:2/IS:13630 (P-1)
5.	Deviation in Surface Flatness	± 0.5%	± 0.5%	± 0.2%	ISO 10545:2/IS:13630 (P-1)
6.	Surface Quality (%)	Minimum 95%	Minimum 95%	No visible defects	ISO 10545:2/IS:13630 (P-1)
7.	Glossiness with Nano	Declared by manufacturer	-	Minimum 90%	ISO 2813 (Glossy meter)
<b>Physical characteristics</b>					
8.	Scratch Hardness of surface Moh's scale	Min. 6	Min. 5	Min. 5	EN-101/IS:13630 (P-13)
9.	Water absorption	≤0.5%	Averages 0.08, Individual Maximum, 1.0	≤0.05%	ISO 10545:3/IS:13630 (P-2)
10.	Moisture Expansion	Nil	-	Nil	ISO 10545:10
11.	Deep Abrasion	max 175 mm <sup>3</sup>	max 175 mm <sup>3</sup>	≤ 144mm <sup>3</sup>	ISO 10545:6/IS:13630 (P-12)
<b>Mechanical characteristics</b>					
12.	Breaking strength	1300 N	Min 1500	≥2200N	ISO 10545:4/IS:13630 (P-6)
13.	Modulus of rupture	≥35 N/mm <sup>2</sup>	Averages 35	≥35 N/mm <sup>2</sup>	ISO 10545:4/IS:13630 (P-6)
14.	Impact resistance	Declared by manufacturer	Required	no indentation or cracking	ISO 10545:5/IS:13630 (P-14)
<b>Safety characteristics</b>					
15.	Density	2.20 gm/cc	Min 2.20 gm/cc	2.34 gm/cc	DIN 51082/IS:13630 (P-2)
16.	Skid resistance (Friction Co efficient)	≥0.4	-	≥0.4	ISO 10545:17
<b>Thermo photo characteristics</b>					
17.	Thermal shock resistance	Resistant to 10 cycles	Min 10 Cycles	Pass min 10 cycles	ISO 10545:9/IS:13630 (P-5)
18.	Coefficient of thermal expansion	9×10 <sup>-6</sup> K <sup>-1</sup> Max	6×10 <sup>-6</sup> K <sup>-1</sup> Max	<6×10 <sup>-6</sup> K <sup>-1</sup> Max	ISO 10545:8/IS:13630 (P-4)
19.	Frost resistance	Resistant	Resistant	Resistant	ISO 10545:12/IS:13630 (P-10)
20.	Color Resistance to UV light	Resistant	-	Resistant	DIN 51094
<b>Chemical characteristics characteristics</b>					
21.	Stain Resistance	Min class-3	Required	Min conform to class-4	ISO 10545:14
22.	Chemical Resistance HOUSE HOLD CHEMICAL & SWIMMING POOL SALT	min class-UB	Required	Conform to classes-UA	ISO 10545:13/IS:13630 (P-7)
23.	Chemical Resistance LOW CONCENTRATIONS ACID & ALKALIES	min class-ULB	Required	Conform to classes-ULA	ISO 10545:13/IS:13630 (P-7)
24.	Chemical Resistance HIGH CONCENTRATIONS ACID & ALKALIES	min class-ULB	Required	Conform to classes-UHA	ISO 10545:13/IS:13630 (P-7)

## TECHNICAL SPECIFICATION - STONE ART

S. No.	Property	Group B1a - ISO 13006	Our Value	Test According to
<b>Dimensions &amp; surface Quality</b>				
1.	Deviation in length and width	± 0.5%	± 0.1%	ISO 10545:2
2.	Deviation in thickness	± 5%	± 4%	ISO 10545:2
3.	Deviation in Straightness of sides	± 0.5%	± 0.1%	ISO 10545:2
4.	Deviation in Rectangularity	± 0.6%	± 0.1%	ISO 10545:2
5.	Deviation in Surface Flatness	± 0.5%	± 0.2%	ISO 10545:2
6.	Surface Quality (%)	Minimum 95%	No visible defects	ISO 10545:2
<b>Physical characteristics</b>				
7.	Scratch Hardness of surface Moh's scale	Min. 6	Min. 6	ISO 10545:3
8.	Water absorption	≤0.5%	≤0.05%	ISO 10545:3
9.	Moisture Expansion	Nil	Nil	ISO 10545:10
10.	Surface Abrasion Resistance	max 175 mm <sup>3</sup>	≤ 144mm <sup>3</sup>	ISO 10545:7
<b>Mechanical characteristics</b>				
11.	Breaking strength	1300 N	>2200N	ISO 10545:4
12.	Modulus of rupture	≥35 N/mm <sup>2</sup>	≥35 N/mm <sup>2</sup>	ISO 10545:4
13.	Impact resistance	Declared by manufacturer	no indentation or cracking	ISO 10545:5
<b>Safety characteristics</b>				
14.	Density	2.20 gm/cc	2.34 gm/cc	DIN 51082
15.	Skid resistance	----	More than R11 (60×60CM x 9.7MM)	DIN 51130
<b>Thermo photo characteristics</b>				
16.	Thermal shock resistance	Resistant to 10 cycles	Pass min 10 cycles	ISO 10545:9
17.	Co efficient of thermal expansion	9×10 <sup>-6</sup> K <sup>-1</sup> Max	<6×10 <sup>-6</sup> K <sup>-1</sup> Max	ISO 10545:8
18.	Frost resistance	Resistant	Resistant	ISO 10545:12
19.	Color Resistance to UV light	Resistant	Resistant	ISO 10545:16
<b>Chemical characteristics characteristics</b>				
20.	Stain Resistance	Resistant	Resistant	ISO 10545:14
21.	Chemical Resistance HOUSE HOLD CHEMICAL & SWIMMING POOL SALT	min class-UB	Conform to classes-UA	ISO 10545:13
22.	Chemical Resistance LOW CONCENTRATIONS ACID & ALKALIES	min class-ULB	Conform to classes-ULA	ISO 10545:13
23.	Chemical Resistance HIGH CONCENTRATIONS ACID & ALKALIES	min class-ULB	Conform to classes-UHA	ISO 10545:13

## TECHNICAL SPECIFICATION - FULL BODY VITRIFIED TILES

S. No.	CHARACTERISTIC	International Standards Group B1a- ISO 13006 Annex G.	MEAN VALUE OF KAJARIA	TEST METHOD
Dimensions & surface Quality				
1.	Deviation in length and width	± 0.6%	± 0.1%	ISO 10545:2
2.	Deviation in thickness	± 5%	± 4%	ISO 10545:2
3.	Deviation in Straightness of sides	± 0.5%	± 0.1%	ISO 10545:2
4.	Deviation in Rectangularity	± 0.6%	± 0.1%	ISO 10545:2
5.	Deviation in Surface Flatness	± 0.5%	± 0.2%	ISO 10545:2
6.	Surface Quality (%)	Minimum 95%	No visible defects	ISO 10545:2
Physical characteristics				
7.	Scratch Hardness of surface Moh's scale	Min. 6	Min. 6	ISO 10545:3
8.	Water absorption	≤ 0.5%	≤ 0.05%	ISO 10545:3
9.	Moisture Expansion	Nil	Nil	ISO 10545:10
10.	Surface Abrasion Resistance	max 175mm <sup>3</sup>	≤ 144mm <sup>3</sup>	ISO 10545:7
Mechanical characteristics				
11.	Breaking strength	1300 n	≥ 2200 n	ISO 10545:4
12.	Modulus of rupture	≥ 35 N/mm <sup>2</sup>	≥ 35 N/mm <sup>2</sup>	ISO 10545:4
13.	Impact resistance	Declared by manufacturer	no indentation or cracking	ISO 10545:5
Safety characteristics				
14.	Density	2.20 gm/cc	2.34 gm/cc	DIN 51082
15.	Skid resistance	-	More than R10 (60x60cm x 9.7mm)	DIN 51130
Thermo photo characteristics				
16.	Thermal shock resistance	Resistant to 10 cycles	Pass min 10 cycles	ISO 10545:9
17.	Co efficient of thermal expansion	9x10 <sup>-6</sup> K <sup>-1</sup> Max	<6x10 <sup>-6</sup> K <sup>-1</sup> Max	ISO 10545:8
18.	Frost resistance	Resistant	Resistant	ISO 10545:12
19.	Color Resistance to UV light	Resistant	Resistant	ISO 10545:16
Chemical characteristics				
20.	Stain Resistance	Resistant	Resistant	ISO 10545:14
21.	Chemical Resistance HOUSE HOLD CHEMICAL & SWIMMING POOL SALT	min class-UB	Conform to classes-UA	ISO 10545:13
22.	Chemical Resistance LOW CONCENTRATIONS ACID & ALKALIES	min class-ULB	Conform to classes-ULA	ISO 10545:13
23.	Chemical Resistance HIGH CONCENTRATIONS ACID & ALKALIES	min class-ULB	Conform to classes-UHA	ISO 10545:13

## PACKING DETAILS

S. No.	Dimensions ( mm )	No. of tiles / box	Coverage Area
1.	800x1600	2 Pcs.	2.56 Sq. Mtr.
2.	600x1200	2 Pcs.	1.44 Sq. Mtr.
3.	1000x1000	2 Pcs.	2.00 Sq. Mtr.
4.	800x800	3 Pcs.	1.92 Sq. Mtr.
5.	600x600	4 Pcs.	1.44 Sq. Mtr.
6.	Stone Art 600x600	4 Pcs.	1.44 Sq. Mtr.
7.	Duratech 400x400	5 Pcs.	0.80 Sq. Mtr.

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

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

1. Colours in the catalog are as accurate as printing process allows
2. Sizes mentioned in the catalog are the nominal sizes only.
3. Conforming to ISO requirements, technical specifications for Kajaria tiles are applicable only for 1st quality tiles.
4. Please inspect all tiles prior to installation; company will not entertain complaints, once tiles are laid / fixed.
5. For better laying, please follow the instructions on the packaging box.









# *Kajaria*

INDIA'S NO. 1 TILE COMPANY

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