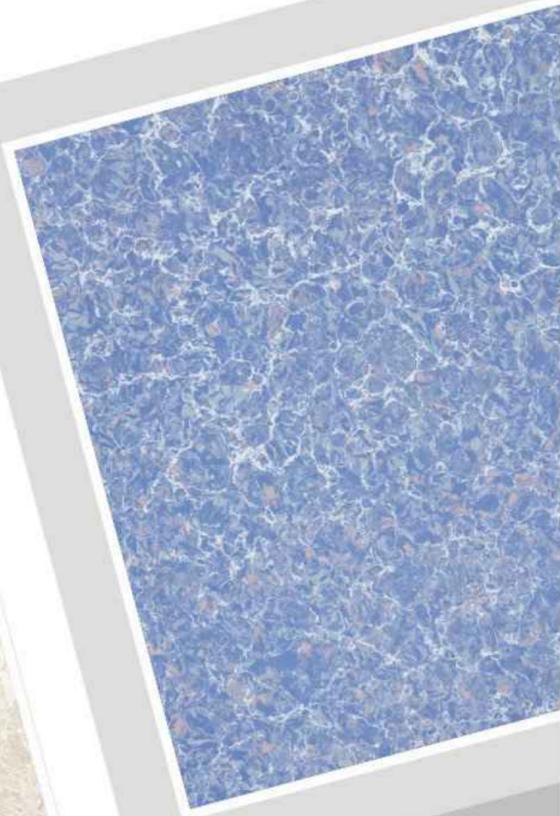


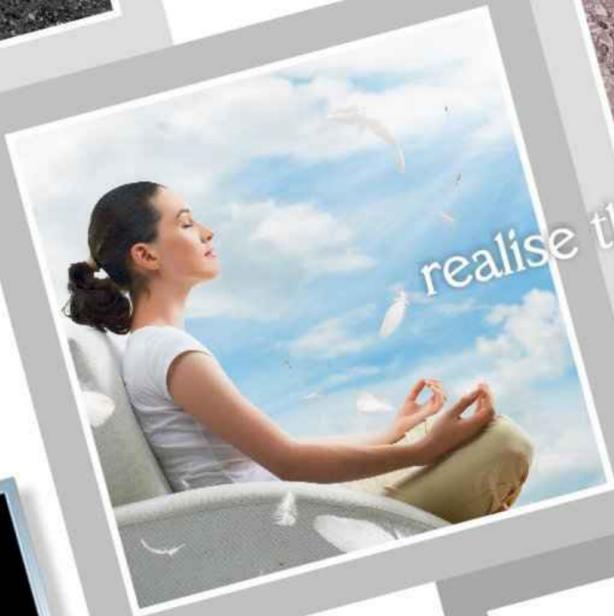
double  
CHARGED



PRESENTING NEW CORALS

**PORG**   
**Glassia** 

**linear** 



double  
charged | 600  
X600E

An  
**ISO 9001:2008**  
Certified Company



This technology gives that extra edge to tiles by producing Micro Level designs and patterns upto 4mm that is nearest to the half of tile thickness, thus you get sharp & fine effect of marble or granite. The powder is micronized and put under 5000 ton press enabling it to penetrate evenly on the surface so that you get more than 90% Glossyness and making it powerful resistant to stains compared to normal Vitrified tiles.

# doubleCHARGED

## DOUBLECHARGED

The Double Charge technology gives promise to keep tiles on high, all the time.

600  
X 600 mm



# Stylish sophisticated

Stylish, Sophisticated & Classy. LINEAR & PORO Tiles range is all that our heart desires. Finely crafted using the latest technology, this range brings to you a vibrant mix of colors and designs that is certain to captivate your senses. Skip a heartbeat, fall in love.

## linear

all time favorite.

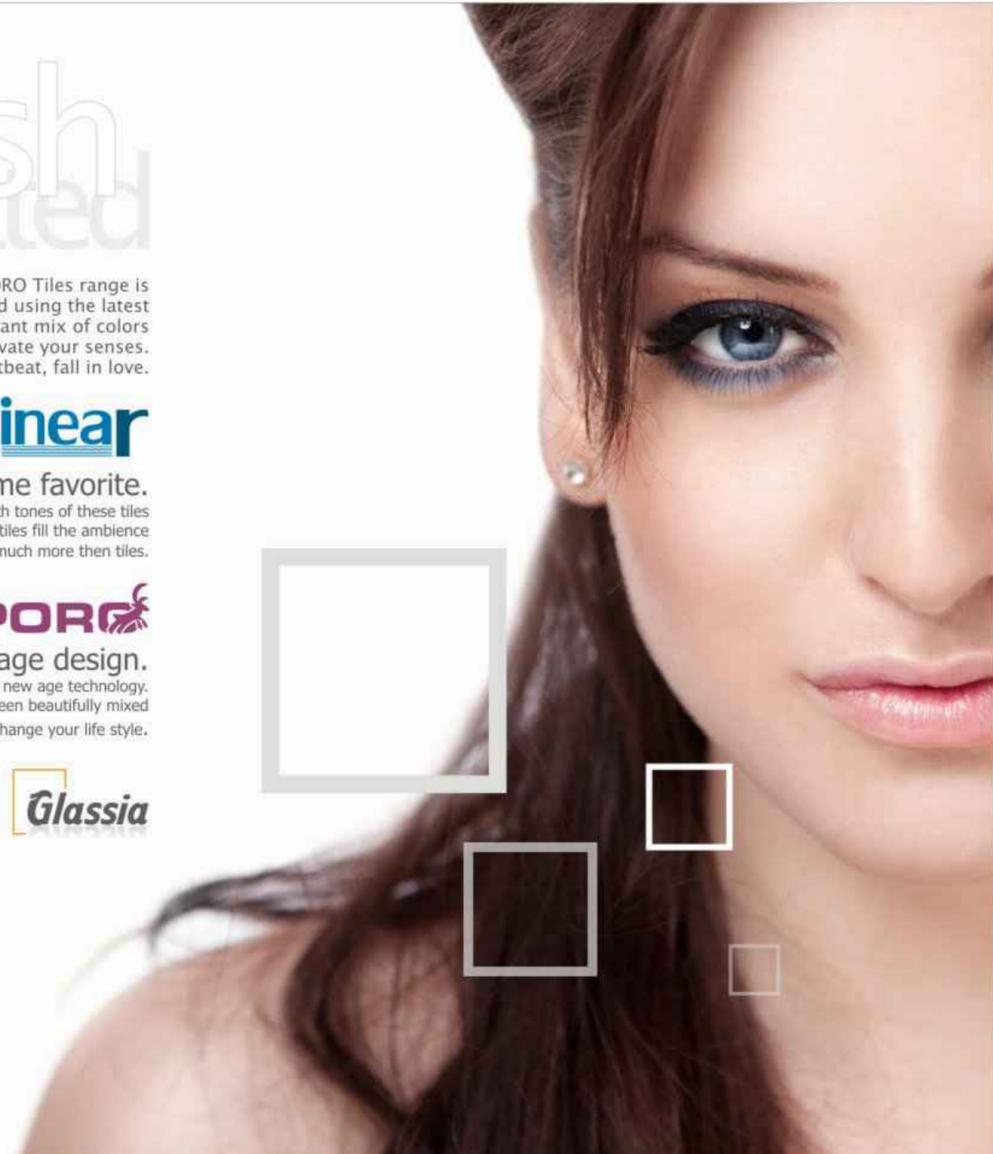
The Light and smooth tones of these tiles set your mood in the top range, the very soft feel of the tiles fill the ambience with rare warmth. Every time you feel that linear is much more than tiles.

## PORO

new age design.

The series epitomises a new age technology, the colors and patters have been beautifully mixed that it conjures up pure magic. get ready to change your life style.

## Glassia

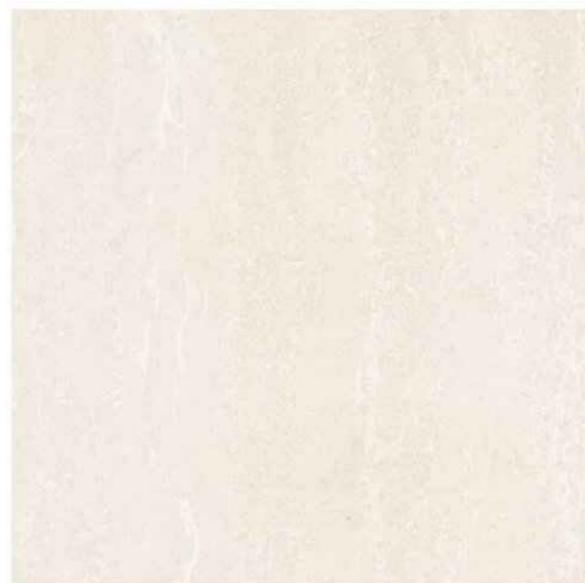


**Glassia**

double  
charged | 600 X 600<sup>mm</sup>



glassia pink



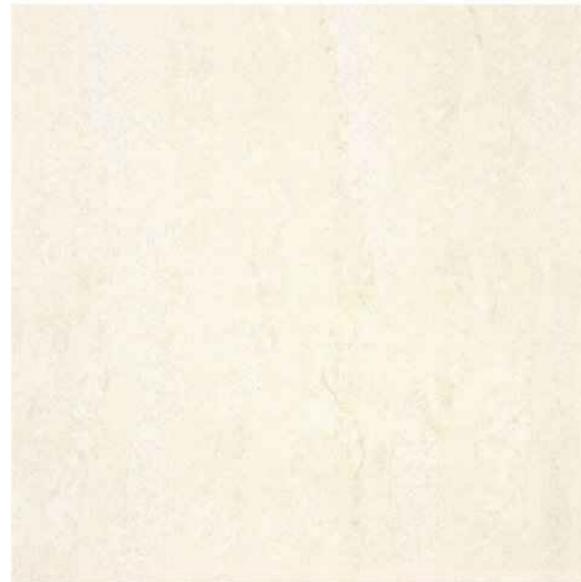
glassia white

01.02



**Glassia**

double charged | 600 X 600 cm



glassia yellow

01.02



**PORG**

double charged | 600 X 600 cm



poro yellow



poro coffee

01.02



**PORG**

double charged | 600 X 600 cm



poro rosa



poro purple

03..04

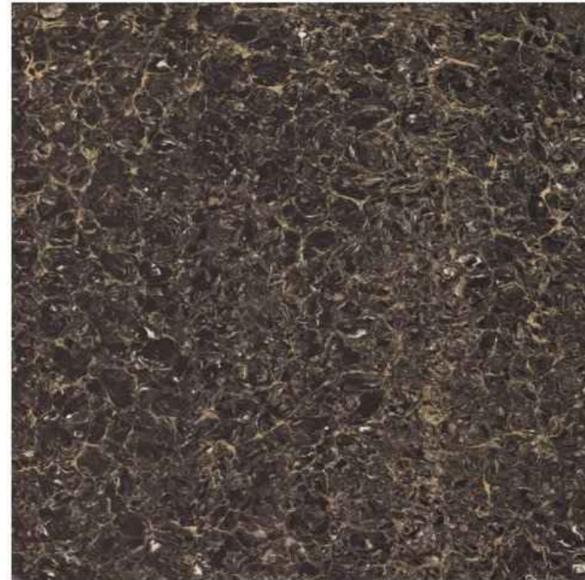


**PORG**

double charged | 600 X 600 cm



poro ocean



poro black

05..06

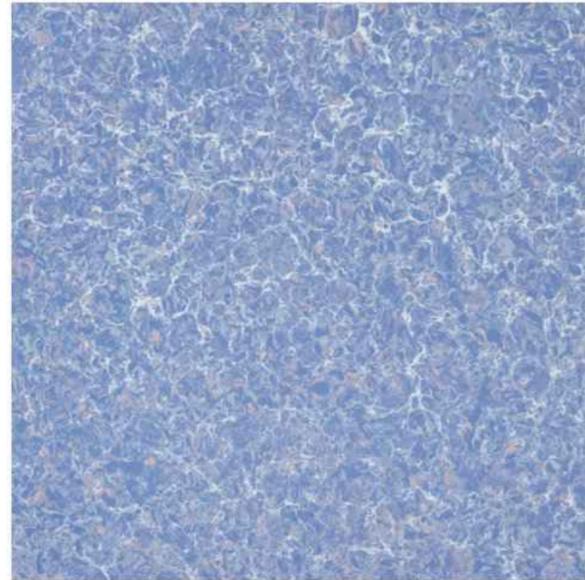


**PORG**

double charged | 600 X 600 cm



poro sky



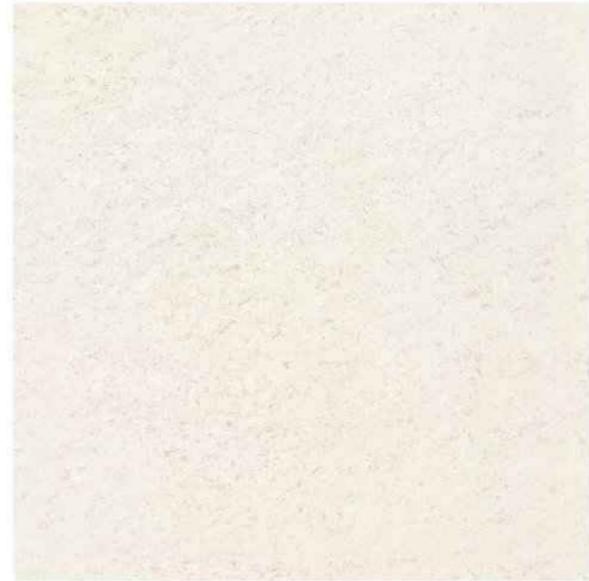
poro blue

07.08



linear

double charged | 600 X 600 cm



linear ocean



linear black

09..10

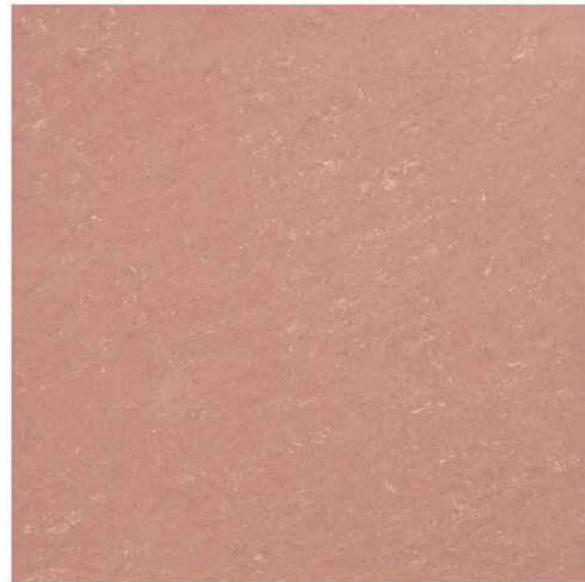


linear

double charged | 600 X 600 mm



linear rosa



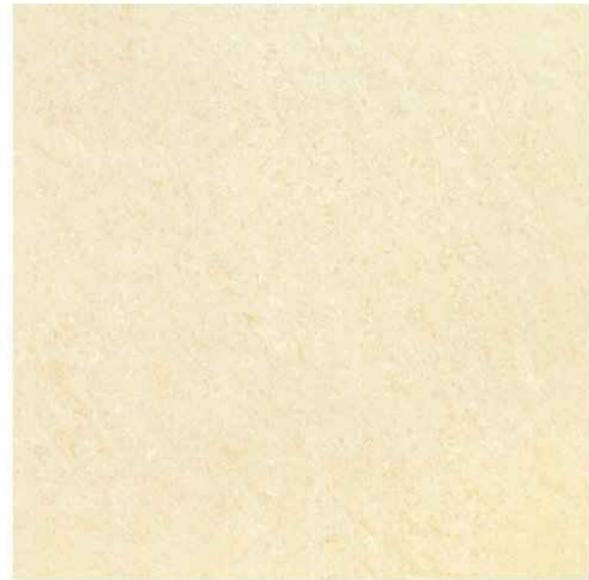
linear red

II.12



linear

double charged | 600 X 600 mm



linear yellow



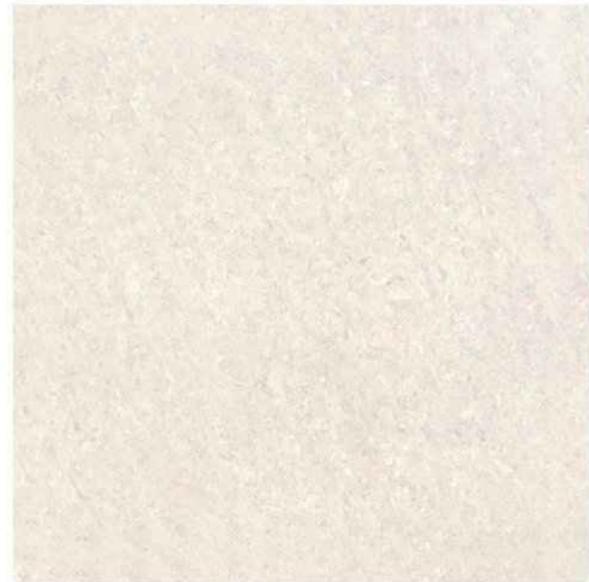
linear orange

B.14



linear

double charged | 600 X 600 cm



linear pista



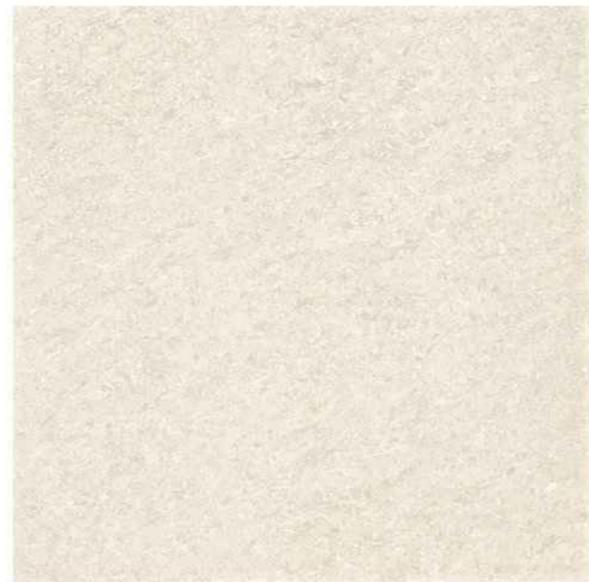
linear green

15.16

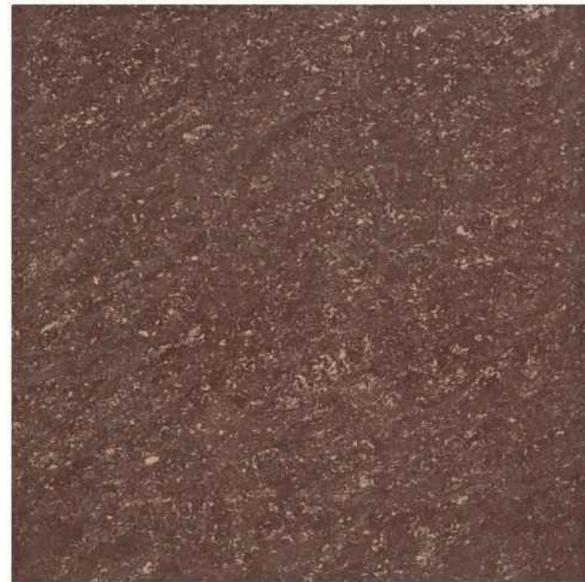


linear

double charged | 600 X600 cm



linear crema



linear coffee



linear almond



linear blue



### DIFFERENCE BETWEEN THE TECHNOLOGY

Ordinary Vitrified Tiles	New Generation Multi charge Tiles
S.S. Screen Print Technology-OLD	Gen-Next Powder Pressed homogeneous body and design vitrified tile - MOST ADVANCED
Design-Screen Printing like paper 2mm depth	Design-Homogeneous in the body like concrete slab OF 4MM DEPTH
Porosity-On high side	Porosity-on lower side
Old generation Tile	Next Generation Tiles
Micro pore-More	Micro pore - less
Dull appearance in due course	Brighter appearance for long time
No extra value addition and extra value for money	Extra value addition and extra value for money
Has a single method of getting new design	An ideal technology for ceramist to invent and create new natural marble and granite effects
Gloss value is 60%	Gloss value is more than 95%
Not accepted in international marker for hygiene reasons	Accepted all over the world for its quality and standard
Has lesser life span and design keeps fading	Very good life span
Limitations in colorful designs	More vibrant colors and patterns
absence of 3D effect look	Give super 3D Effect
Upto some extent	100% Stain Free & Germ Free

### MAINTENANCE GUIDELINES

Stains Created by	SOLVENTS Turpentine, Acetone, etc	SODIUM HYPO CHLORITE (NaOCL)	ACIDS Hydrochloric Acid*	Alkali Sodium Hydroxid /Potassium Hydroxide
Beverages Beer	✓			✓
Juices		✓	✓	
Coffee				✓
Tea	✓	✓		
Ink Ball/Felt Pen	✓			
Liquid Ink	✓		✓	
Cement			✓	
Tar	✓			
Edible Oil	✓			
Cigarette		✓		
Glue	✓			✓
Paints			✓	
Resins	✓			
Rust			✓	

Note: any staining material spills on the tile must be diluted with water immediately as it reduces the problem of staining on tile.

### EXCLUSIVE APPLICATION



### TECHNICAL SPECIFICATION

No.	Property	International Std. ISO 13006/EN 176 Group Bla	Coral Value	Method of Testing
1	Deviation in Length	+/-0.6%	+/-0.1%	EN 98
2	Deviation in thickness	+/-5%	+/-2%	EN 98
3	Straightness of sides	+/-0.5%	+/-0.1%	EN 98
4	Rectangularity	+/-0.6%	+/-0	EN 98
5	Surface flatness	+/-0.5%	+/-0.1%	EN 98
6	Flexural Strength	> 27 N/mm <sup>2</sup>	48 N/mm <sup>2</sup>	EN 100
7	Breaking Strength	1113 N	2880 N	ASTM C-648
8	Water Absorption	< 0.5%	< 0.04%	EN 99
9	Density (g/cc)	> 2	2.4	DIN 51082
10	Mohs Hardness	>7.5 - 8	8	EN 101
11	Abrasion Resistance	< 204 mm <sup>3</sup>	< 143 mm <sup>3</sup>	EN 102
12	Stain Resistance*	Resistant	Resistant	ISO 10545-14
13	Chemical Resistance	No Damage	No Damage	EN 106
14	Colour Resistance	No Damage	No Damage	DIN 51094
15	Thermal Expansion	< 9x10-6	< 6x10-6	EN 103
16	Moisture Expansion	Nil	Nil	ISO 10545-10
17	Thermal Shock Resistance	No Damage	No Damage	EN 104
18	Glossiness	-	Min 92% Reflection	Glossmeter
19	Skid Resistance (Coefficient Friction)	> 0.4	> 0.6	ASTM C-1028

\* 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.

### PACKING DETAILS

Sr. No.	Size	No. of Tiles Per Box	Coverage Area in Sq. Mt.	Coverage Area in Sq. Ft.	Approx Weight / Box
1	600 MM X 600 MM	4 PCS.	1.44 SQ. MTR	15.50 SQ. FT.	30 KGS.



VITRIFIED TILES 24"X24"  
Regular Series



Ivory

NANO



901



903



904



905

NANO



906



907

NANO



909



913

600 x 600 mm.



VITRIFIED TILES 24"X24"  
Regular Series



914



915

NANO



916



918

NANO



919

NANO



922

NANO



923

NANO



924

NANO



925

600 x 600 mm.



VITRIFIED TILES 24"X24"  
Regular Series



927

NANO



929

NANO



930

NANO



931

NANO



932

NANO

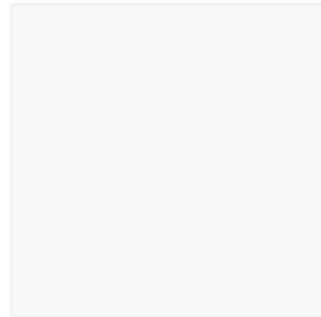
600 x 600 mm.





VITRIFIED TILES 24"X24"

Exclusive Series



Super White



Black

S.P. Series



Terracotta

S.S.P. Series



Jaisalmer



VITRIFIED TILES 24"X24"

Technical Specification

Vitrified Tiles 600 x 600 mm

Sr. No.	Characteristics	Standard as per ISO13006 / EN 176 Group Bla	Coral Vitrified value	Test Method
1.	Deviation in Length & Widht	± 0.6%	± 0.1%	EN98
2.	Deviation in Thickness	± 0.5%	± 0.1%	EN 98
3.	Straightness of Side	± 0.5%	± 0.1%	EN 98
4.	Rectangularity	± 0.6%	± 0.2%	EN 98
5.	Surface Flatness (Curvature & Warpage)	± 0.5%	± 0.2%	EN 98
6.	Water Absorption	± 0.5%	± 0.05%	EN 99
7.	Moh's Hardness	> 6	> 8	EN 101
8.	Flexural Straingthness	> 27 N/mm <sup>2</sup>	> 47 N/mm <sup>2</sup>	EN 100
9.	Abrasion Resistance	< 204 mm <sup>3</sup>	< 144 mm <sup>3</sup>	EN 102
10.	Skid Resistance (Friction Co-efficient)	> 0.4	> 0.6	ASTM C-1028
11.	Breaking Strength	1113 N	2830 N	ASTM C-648
12.	Density (g/cc)	>2	2.4	DIN 51082
13.	Frost Resistance	Frost Proof	Frost Proof	EN 202
14.	Chemical Resistance	No Damage	No Damage	EN 106
15.	Thermal Shock Resistance	No Damage	No Damage	EN 104
16.	Moisture Resistance	Nil	Nil	ISO 10545-10
17.	Glossiness	-	Min 65% - 70% Reflection	Glossmeter



PACKAGING DETAILS

Nominal Size	No. of Tiles	Coverage Area /Box (Approx.)	Coverage Area /Box (Approx.)
600 x 600 mm.	4 Pcs. / Box	15.50 Sq. Ft.	1.440 Sq. Mtr.

Note : Colours Shown are as accurate as the limitations of the printing process will allow. Prospective customers are advised to inspect a sample of the tile before ordering. Every effort has been made to ensure the accuracy of the information given. However, the company reserves the right to change the specifications without prior notice.

APPLICATIONS



CATALOGUE 2013

HIGH TECH VITRIFIED TILES 24"x24" NANO Technology



truly luxurious

AN ISO 9001:2008 CERTIFIED COMPANY

