



Tiles & Bathware  
「APNEPAN KA EHSAAAS」

Keeping it simple  
for *Classy.*



600 x 600MM  
DOUBLE CHARGED  
VITRIFIED TILES

EDITION

**JULY 2024**



Double Charged

Vitrified Tiles

600x600MM

Double Charged  
Vitrified Tiles



Deep Abrasion Resistance



Water Absorption



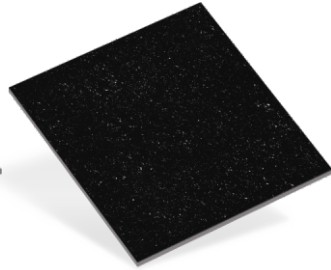
Breaking Strength



Chemical Resistance



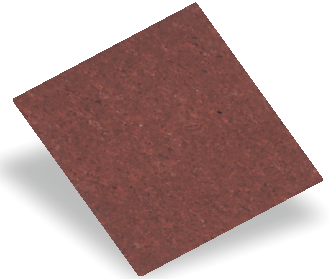
METRIX ALMOND



METRIX BLACK



METRIX SLATE



METRIX RUBY RED





METRIX PINK



METRIX PISTA



METRIX GOLD



METRIX WHITE



Deep Abrasion  
Resistance



Water  
Absorption



Breaking  
Strength



Chemical  
Resistance



600x600mm | Double Charged Vitrified Tiles



Deep Abrasion Resistance



Water Absorption



Breaking Strength



Chemical Resistance



RIO CREMA

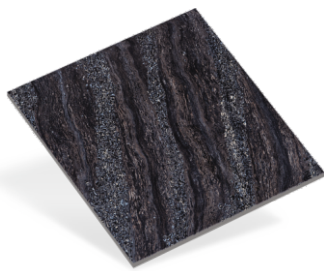


RIO WHITE

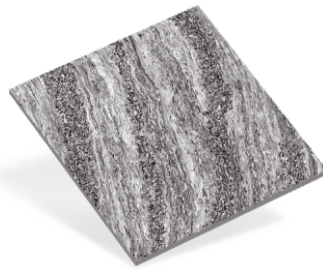


RIO MIST





RIO STAR



RIO GRIS



RIO CAMEL



Deep Abrasion Resistance



Water Absorption



Breaking Strength



Chemical Resistance



600x600mm | Double Charged Vitrified Tiles



Deep Abrasion Resistance



Water Absorption



Breaking Strength



Chemical Resistance



TROPIC GREEN



TROPIC BISCUIT



TROPIC GRAY







Deep Abrasion Resistance



Water Absorption



Breaking Strength



Chemical Resistance



TROPIC AMBER



TROPIC PEACH



TROPIC AQUA



Deep Abrasion Resistance



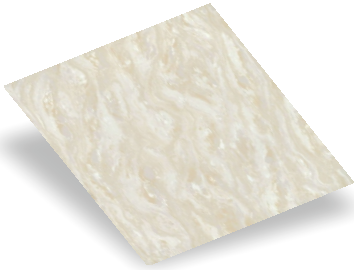
Water Absorption



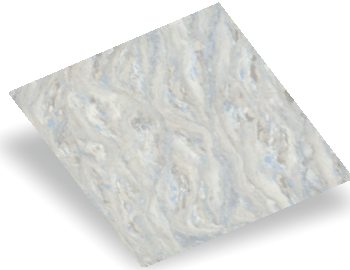
Breaking Strength



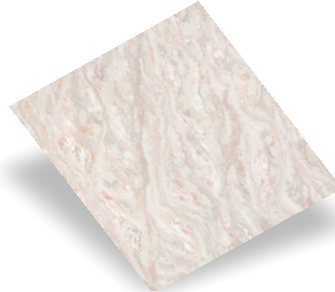
Chemical Resistance



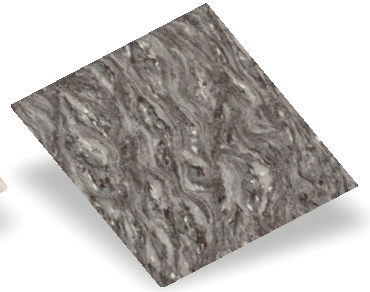
ROCK BEIGE



ROCK BLUE



ROCK WINE



ROCK BROWN





## TECHNICAL SPECIFICATION

### PACKAGING DETAILS FOR POLISHED VITRIFIED TILES

Sr.No	Size(mm)	Thickness (mm)	No. of PCS	Area Covered	Average Weight (Kg)
1	600 x 600	8.6	4	1.44 Sq.mt / 15.50 Sq.Ft.	28.2

### TECHNICAL SPECIFICATION FOR POLISHED VITRIFIED TILES

No.	CHARACTERISTICS	REQUIRED AS PER ISO	REQUIRED AS PER IS	OUR VALUE	TEST METHOD
<b>DIMENSION &amp; SURFACE QUALITY</b>					
1	Length & Width	±0.5%	±0.10%	±0.09%	ISO-10545-2
2	Thickness	±5.00%	±5.00%	±3.8%	ISO-10545-2
3	Straightness of Side	±0.50%	±0.10%	±0.9%	ISO-10545-2
4	Rectangularity	±0.60%	±0.10%	±0.9%	ISO-10545-2
5	Surface Flatness	±0.4%	±0.5%	±0.2%	ISO-10545-2
6	Center Curvature (%) (Max. Dev.)	±0.50%	±0.50%	±0.01%	ISO-10545-2
6	Edge Curvature (%) (Max. Dev.)	±0.50%	±0.50%	±0.01%	ISO-10545-2
8	Corner Warpage (%) (Max. Dev.)	±0.50%	±0.50%	±0.01%	ISO-10545-2
9	Surface Quality	Min. 95% of Tiles will be free from visible defects	Min. 95% of Tiles will be free from visible defects	Min. 95% of Tiles will be free from visible defects	ISO-10545-2
<b>PHYSICAL PROPERTIES</b>					
1	Water Absorption*	Average ≤ 0.05%, Individual Max. 0.6%	Av ≤ 0.08%, Individual Max. 0.1% max	Max < 0.07%, Individual Max. 0.1%	ISO-10545-2
2	Modules of Rupture [N/mm <sup>2</sup> ]	Av 35, Individual 32 min	Av 35, Individual 32 min	Av 35, Individual 32 min	ISO-10545-2
3	Breaking Strength in N	Min. 1300	1300	Min. 1200	ISO-10545-2
4	Thermal Shock Resistance	Required	10 Cycle Min	10 Cycle Passed	ISO-10545-2
5	Moisture Expansion in mm/M	Test Method Available	0.02 Max	0.02 Max	ISO-10545-2
6	Crazing Resistance	N.A	4 cycle at 7.5 bar Min.	N.A	ISO-10545-2
7	Moh'S Scratch Hardness	N.A	Min.5	Min.4	ISO-10545-2
8	Coefficient of Linear Thermal Expansion from Ambient Temperature to 100° C	Test Method Available	6 X 10 <sup>-6</sup> K <sup>-1</sup> Max	6 X 10 <sup>-6</sup> K <sup>-1</sup> Max	ISO-10545-2
9	Impact Resistance as Co-efficient of Restitution (COR)	Test Method Available	0.55 Min	0.50 Min	ISO-10545-2
10	Deep Abrasion Resistance [in mm <sup>3</sup> ]	Max. 175	Max. 140	Max. 95	ISO-10545-2
11	Frost Resistance	Required	Required	100 Cycle Passed	ISO-10545-2
<b>CHEMICAL PROPERTIES (Unglazed Tiles)</b>					
1	Resistance to house hold chemicals	Min Class UB	Min. Class AA	Class UA	ISO-10545-2
2	Resistant To Acids & Alkalis (Except HF Acid)	Test Method Available	Required If Agreed	Class ULA (Low Conc) Class UHA (High Conc)	ISO-10545-2
3	Stain Resistant	Manufacturer to State the Class	Min. Class 2	Class 2	ISO-10545-2

NOTE: Tiles may vary in color, texture, size, and appearance due to natural variations and manufacturing processes. We recommend inspecting actual samples before making a purchase. We shall not be liable for any damages, losses, or injuries arising from the use, misuse, or inability to use our tile products.



Floors  
that make you  
feel like  
**KING**



**Mfd by : The Home Square LLP**  
**Mktd by : Rooflux Tiles and Sanitary Pvt. Ltd.**

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