



**PACKAGING DETAIL FOR 800X800MM POLISHED VITRIFIED TILES**

Nominal Size	Thickness	No. Of Tiles per carton	Weight	Coverage area per Carton
800x800mm	10.0mm	3	42.5 Kgs. / Box Appx)	1.92 Sq.Mtr. / 20.66 Sq. Ft.

**TECHNICAL SPECIFICATIONS FOR 800X800MM POLISHED VITRIFIED TILES**

All characteristics tested are in compliance with specification of Group B1a, ISO 13006 & IS 15622 : 2006

Characteristics	Permissible Tolerance as per EN ISO & IS norms	Typical Values for Polished Vitrified Tiles 800x800mm	Method of Test, Ref to part of IS 13630 & EN ISO 10545
Dimensions (Length & Width)	± 0.10%	± 0.10%	IS : 13630 (Part-1) : 2006
Thickness	± 4%	± 3%	
Dev. Straightness (%)	± 0.1%	± 0.1%	
Dev. Rectangularity (%)	± 0.1%	± 0.1%	
Dev. Max. Center Curvature (%)	± 0.2%	± 0.2%	
Dev. Max. Edge Curvature (%)	± 0.2%	± 0.2%	
Dev. Max. Warpage (%)	± 0.2%	± 0.2%	
Surfce Quality	> 95% free from visible defects.	> 96% free from visible defects.	
Water Absorption	E≤ 0.08%, Individual, max-1.0	Max. 0.08%	IS : 13630 (Part-2) : 2006
Modulus Of Rupture [N/mm <sup>2</sup> ] ISO 13006:1998	Min. 35, Individual 32	Min. 40, Individual 38	ISO 10545(part-4)
Breaking Strength, In N ISO 13006:1998	1300N min	2000N min	ISO 10545(part-4)
Deep Abrasion Resistance	100mm <sup>3</sup> Max	100mm <sup>3</sup> Max	IS : 13630 (Part-12) : 2006
Scratch Hardness (Moh's Scale)	Min. 6	Min. 6	IS : 13630 (Part-13) : 2006
Coefficient of Linear Thermal expansion	Max. 6 x 10 <sup>-6</sup> K <sup>-1</sup>	Max. 6 x 10 <sup>-6</sup> K <sup>-1</sup>	IS : 13630 (Part-4) : 2006
Thermal Shock Resistance	Min. 10 Cycles	Min. 10 Cycles	IS : 13630 (Part-5) : 2006
Density (g/cc)	Min. 2.2	Min. 2.2	IS : 13630 (Part-2)
Glossiness	On Costumer Demand	>60% (Without Nano) AV. 90% (With Nano)	Glossimeter
<b>CHEMICAL RESISTANCE</b> Resistance to household Chemicals and swimming pool water cleaners. Class AA-D		Class AA	IS : 13630 (Part-7) :2006



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**800x800mm Ultra Charge Vitrified Collection**





NANO TECH



HIGH GLOSS



ANTI STAIN



HIGHLY DURABLE



ECO FRIENDLY

Powered by  
**ULTRA**  
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ECO FRIENDLY

**SOMANY** VITRO



OPULENCE LIGHT BIANCO

800x800mm



OPULENCE GRIS

800x800mm



OPULENCE LIGHT GREY

800x800mm



OPULENCE LIGHT ROSA

800x800mm



Tiles Shown: OPULENCE LIGHT BIANCO | OPULENCE GRIS