

## TECHNICAL SPECIFICATIONS

### Double Charge | Nano Tech | Polished Vitrified Tiles

Packing Details			
Size ( In mm. )	No. of Tiles Per Carton	Covered Area Per Carton	
		( In Sq. Mtr. )	( In Sq. ft. )
1000X1000 (West Zone)	2	2.00	21.53
800X1200 (West Zone)	2	1.92	20.67
600X1200 (West Zone)	2	1.44	15.5
800X800 (West Zone)	3	1.92	20.67
600X600 (West Zone)	4	1.44	15.50

As per Indian Standard (IS 15622:2017) Group B Ia			
Characteristics	Standard Test Method	IS 15622 Requirements	OBL Norms
<b>Dimension &amp; Surface Quality</b>			
Deviation in Length & Width	IS 13630 (Part 1):2006	±0.1%	± 0.1 %
Deviation in Thickness		±5.0%	± 3.0 %
Straightness of Sides		±0.1%	± 0.1 %
Squareness		±0.1%	± 0.1 %
Surface Flatness		±0.50%	± 0.2 % ☺☺
Surface Quality		Min. 95 % tiles should be free from visible defects	Conforms
<b>Physical Properties</b>			
Water Absorption %	IS 13630 (Part 2):2006	E ≤ 0.08	E ≤ 0.05 ☺
Modulus of Rupture in [N/mm <sup>2</sup> ]	IS 13630 (Part 6):2006	Avg ≥ 35 N/mm <sup>2</sup>	>35 N/mm <sup>2</sup> ☺
Breaking Strength in N	IS 13630 (Part 6):2006	Min 1300	>1300 ☺
Scratching Resistance	IS 13630 (Part 13):2006	Min 5	≥ 5
Deep Abrasion	IS 13630 (Part 12):2006	140 Max	100 Max ☺
<b>Chemical Properties</b>			
Resistance to Staining	IS 13630 (Part 8):2006	Min, Class 2	Conforms
Resistance to Household Chemicals		Min, Class AA	Conforms
<b>Thermal Specifications</b>			
Thermal Shock Resistance	IS 13630 (Part 5):2006	Min 10 Cycles	Conforms
Thermal Expansion	IS 13630 (Part 4):2006	Max 6X10 <sup>-3</sup> at 100° c (K <sup>-1</sup> )	Conforms
Frost Resistance	IS 13630 (Part 10):2006	10 Cycles pass	Conforms
Impact Resistance	IS 13630 (Part 14):2006	0.55 minimum	Conforms
Bulk Density (gm/cc)	IS 13630 (Part 2):2006	Min 2.2	Conforms

**NOTE:** Certain amount of Size and Shade Variation is inherent in all ceramic products. Within the limits of printed material, the colors and aesthetics of the products correspond closely to those of illustrated products. Prospective customers are advised to inspect a sample of the tile before ordering and laying. At all points of time, the company liability is restricted to the purchase value of tiles.

Every effort has been made to ensure the accuracy of the information given. However, the company reserves the right to delete & change, any of the items, colors, sizes & technical specifications without any prior notice.