

## TECHNICAL SPECIFICATION

- I. Tile Name :- Plain White Glossy, Plain White Matt  
II. Category :- WALL  
III. Nominal size :- 100x200 mm  
IV. No. of Tiles per box :- 50  
V. Coverage area per box :- 1 m<sup>2</sup>

Sr. No.	Test Description	Standard Test Method	Test Requirements as per ISO 13006:2018 (Group B III)	NITCO's Value
1	Deviation in length and width	ISO 10545 – 2	± 0.6%	± 0.5%
2	Deviation in thickness	ISO 10545 – 2	± 10%	± 5.0%
3	Straightness of sides	ISO 10545 – 2	± 0.5%	± 0.25%
4	Rectangularity	ISO 10545 – 2	± 0.5%	± 0.25%
5	Surface Flatness	ISO 10545 – 2	± 0.5%	± 0.2 %
6	Surface Quality	ISO 10545 – 2	Min. 95% free from visible defects	> 95% free from visible defects
7	Water Absorption	ISO 10545 – 3	E > 10%	10-20%
8	Modulus of Rupture	ISO 10545 – 4	Minimum 12 N/mm <sup>2</sup>	> 12 N/mm <sup>2</sup>
9	Abrasion Resistance	ISO 10545 – 7	PEI II for Glossy and, PEI III for Matt	PEI II for Glossy and, PEI III for Matt
10	Thermal Shock Resistance	ISO 10545 – 9	No Visible Defects	Resistant
11	Crazing Resistance	ISO 10545 – 11	No crazing	Resistant
12	Resistance to chemicals (Except HF) Chemicals include household, swimming pool, salts, acids & alkalis.	ISO 10545 – 13	No Visible Defects	Resistant

Above Standards covered only First Grade Material.

Certain amount of shade variation is inherent in the manufacture of Wall tiles

Observed values are average readings of samples tested in the month of Manufacturing of tiles. However actual values may vary from tile to tile.

Test certificate is applied for full tiles of above mentioned tiles only. It is not applicable to decorative accessories derived from full tile or trim such as edges, corners, skirting, capping, coves, beds, steps and other accessory pieces.

*Bhall*

**AUTHORISED BY**



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