

TECHNICAL SPECIFICATION

Standards according to ISO 13006, Annex L / EN 14411 / IS 15622-2017 (Group BIII) : Pressed Ceramic Tiles

CHARACTERISTIC	TEST METHOD	REQUIREMENTS	QUTONE STANDARD
DIMENSIONS & SURFACE QUALITY			
Deviation in Length & Width	ISO-10545-02	± 0.20%	Within Criteria
Deviation in Thickness	ISO-10545-02	± 7.00%	Within Criteria
Straightness of Sides	ISO-10545-02	± 0.15%	Within Criteria
Rectangularity	ISO-10545-02	± 0.20%	Within Criteria
Surface Flatness	ISO-10545-02	± 0.30%	Within Criteria
PHYSICAL PROPERTIES			
Water Absorbtion	ISO 10545-03	>10%	Compliant
Modulus of Rapture (Flexural Strength)	ISO 10545-04	R ≥ 15 N/mm ²	Compliant
Breaking Strength	IS 13630-06	600 Min.	Compliant
Moisture Expansion	IS 13630-03	0.04 mm/M Max.	Compliant
Thermal Shock Resistance	ISO 10545-09	Min. 10 Cycles	Compliant
Linear Thermal Expansion	ISO 10545-08	<9.0 x 10 ⁻⁶ EC ⁻¹	Compliant
Impact Resistance	IS 13630-14	0.55 Min.	Compliant
Crazing Resistance	ISO 10545-11	4 Cycles at 7.5 Bar Min.	Compliant
Moh's Hardness	EN 101	Min. Class3	Compliant
CHEMICAL PROPERTIES			
Resistance to High & Low Concentrations of Acids & Alkalis	ISO 10545-13	As per Mfg.	No visible effect
Resistance to household chemicals & swimming pool Salts	ISO 10545-13	Class AA Min.	Compliant
Stain Resistance	ISO 10545-14	Class 1 Min.	Compliant

Disclaimer: Product images shown in this Catalogue are for Design Representation. All efforts are made to show accurate colour of the product but actual product colour may differ from the printed image due to printing limitations. It is advised to see the product samples for actual colour reference • Shade variation is inherent characteristic of ceramic products. Hence different sizes and batches of same design may have variation in Colours • Please follow the Tile Laying instructions printed on the box before installing the Tiles • Company may change the designs, colours, randomness or book-match without prior intimation • Due to continuous technology upgrade technical specification of the products may change without prior intimation.