

## PORCELAIN TILES SPECIFICATIONS



TEST DESCRIPTION	STANDARD TEST METHOD	STANDARD REQUIREMENTS	+15 MM THICKNESS	9 MM THICKNESS	6 MM THICKNESS
Surface Quality	BS EN ISO 10545-2	a minimum of 95% of the tiles are to be free from visible defects	Minimum of 95% of the tiles are free from visible defects		
Length & Width	BS EN ISO 10545-2	± 1.0mm	± 1.0mm	± 0.1mm	± 0.1mm
Thickness	BS EN ISO 10545-2	± 0.5mm	± 0.5mm	± 0.5mm	± 0.5mm
Straightness Of Sides	BS EN ISO 10545-2	± 0.8mm	± 0.8mm	± 0.8mm	± 0.8mm
Rectangularity	BS EN ISO 10545-2	± 1.5mm	± 1.5mm	± 1.5mm	± 1.5mm
Surface Flatness : Centre Curvature	BS EN ISO 10545-2	± 1.8mm	± 1.8mm	± 1.8mm	± 1.8mm
Surface Flatness : Edge Curvature	BS EN ISO 10545-2	± 1.8mm	± 1.8mm	± 1.8mm	± 1.8mm
Surface Flatness : Warpage	BS EN ISO 10545-2	± 1.8mm	± 1.8mm	± 1.8mm	± 1.8mm
Water Absorption	BS EN ISO 10545-3	≤ 0.5%	≤ 0.4%	≤ 0.4%	≤ 0.4%
Breaking Strength*	BS EN ISO 10545-4	≥ 1300 N	≥ 3500 N	≥ 1600 N	—
		≥ 700 N	—	—	≥ 700 N
Modulus Of Rupture*	BS EN ISO 10545-4	≥ 35 N/mm <sup>2</sup>	≥ 35 N/mm <sup>2</sup>	≥ 35 N/mm <sup>2</sup>	≥ 35 N/mm <sup>2</sup>
Resistance To Surface Abrasion	BS EN ISO 10545-7	Report abrasion class	PEI CLASS 2-5	PEI CLASS 2-5	PEI CLASS 2-5
Coefficient Of Linear Thermal Expansion	BS EN ISO 10545-8	Test method available	≤ 7 X 10 <sup>-6</sup> /°C	≤ 7 X 10 <sup>-6</sup> /°C	≤ 7 X 10 <sup>-6</sup> /°C
Resistance To Thermal Shock	BS EN ISO 10545-9	Test method available	No visible defect	No visible defect	No visible defect
Crazing Resistance	BS EN ISO 10545-11	Required	No crazing	No crazing	No crazing
Frost Resistance	BS EN ISO 10545-12	Required	No visible damage	No visible damage	No visible damage
Resistance To Household Chemicals & Swimming Pool Salts	BS EN ISO 10545-13	Minimum B	Class A No visible effect	Class A No visible effect	Class A No visible effect
Resistance To Low Concentrations Acids & Alkalis	BE EN ISO 10545-13	Manufacturer to state classification	Class LA No visible effect	Class LA No visible effect	Class LA No visible effect
Resistance To Staining	BS EN ISO 10545-14	Test method available	Min. Class 4 Stains removed	Min. Class 4 Stains removed	Min. Class 4 Stains removed

## PACKING DETAIL

No.	Size	Thickness	Pieces / Box	Area / Box	Weight / Box
01	800x2400mm	15mm	1 Pcs.	1.92 Sq. Mtr.	68 Kgs.
01	900x1800mm	06mm	3 Pcs.	4.86 Sq. Mtr.	73 Kgs.
02	900x1800mm	09mm	2 Pcs.	3.24 Sq. Mtr.	68 Kgs.
01	800x1600mm	09mm	2 Pcs.	3.24 Sq. Mtr.	68 Kgs.
01	1200x1200mm	06mm	3 Pcs.	4.32 Sq. Mtr.	65 Kgs.
02	1200x1200mm	09mm	2 Pcs.	2.88 Sq. Mtr.	62 Kgs.
01	1200x2400mm	06mm	2 Pcs.	5.76 Sq. Mtr.	87 Kgs.
02	1200x2400mm	09mm	1 Pcs.	2.88 Sq. Mtr.	62 Kgs.