

TECHNICAL SPECIFICATION OF SLAB VITRIFIED TILE

TEST DISCRIPTION			
CHARACTERISTIC	TEST METHOD	STANDARD VALUE	OUR VALUE
Deviation in Length	Is-13630-1	±0.10%	±0.05%
Deviation in Width	Is-13630-1	±0.10%	±0.05%
Deviation in Thickness	Is-13630-1	±5.0%	±3.00%
Straightness of Sides	Is-13630-1	±0.10%	±0.10%
Rectangularity	Is-13630-1	±0.10%	±0.10%
Surface Flatness	Is-13630-1	±0.50%	±0.2%
Surface Quality	Is-13630-1	Min. 95%	Min. 95%

PHYSICAL PROPERTIES			
CHARACTERISTIC	TEST METHOD	STANDARD VALUE	OUR VALUE
Water Absorption	Is-13630-2	≥0.08% Avg.	0.04% Avg.(±0.02%)
Modulus of Rapture(N/mm ²)	Is-13630-6	Avg. 35N/mm ²	Avg. 42N/mm ²
Breaking Strength(N)	Is-13630-6	<7.5mm-700n ≥7.5mm-1300n	<6mm-1200n ≥6mm-1350n
Moisture Expansion(mm/m)	Is-13630-3	0.02 Max	0.01 Max
Scratch Hardness of Surface	Is-13630-13	8 Min	4-4.5
Resistance of Surface Abrasion(Glazed Tiles)	Is-13630-11	Class I Min.	Class I Min.
Co-Efficient of Linear Thermal Expansion	Is-13630-4	6x10 ⁻⁶ Max	6.5x10 ⁻⁶ Max.
Thermal Shock Resistance	Is-13630-5	10 Cycles Min.	10 Cycles, Pass
Crazing Resistance	Is-13630-9	4 Cycles at 7.5 Bar Min.	5 Cycles at 7.5kg Pressure
Impact Resistance-Coefficient of Restitution	Is-13630-14	0.55 Min.	0.55 Min
Frost Resistance	Is-13630-10	According to Manufacturing Process	No Damage
Bulk Density (g/cc)	Is-13630-2	2.2 Min.	2.3
Penalty (Curvature)	-	±1.0%	±0.6%

CHEMICAL PROPERTIES			
CHARACTERISTIC	TEST METHOD	STANDARD VALUE	OUR VALUE
Resistance of Staining	Is-13630-8	Class I Min.	Class I
Resistance of Household Chemicals	Is-13630-8	Class AA Min.	Class AA
Resistance to Acids & Alkalis	Is-13630-8	According to Manufacturing Process	Resistance
Slip Resistance	150-13006/EN1444 Group BIA	As pr Mfg.	>0.40

PACKING DETAIL

No.	Size	Thickness (approx.)	Pieces/Box	Area/Box	Wt./Box(approx.)
01	1200x2400mm	9.0mm	1 pcs.	2.88 sq. mtr.	60 Kgs.
02	900x1800mm	9.0mm	2 pcs.	3.24 sq. mtr.	65 Kgs.
03	800x1600mm	9.0mm	2 pcs.	2.56 sq. mtr.	54 Kgs.
04	1200x1200mm	9.0mm	2 pcs.	2.88 sq. mtr.	60 Kgs.