

TECHNICAL SPECIFICATIONS		
CHARACTERISTIC	EUROSTANDARDS EN-159/IS13753	CERAMIC WALL TILES 300X600 MM VALUE
DEVIATION & SURFACE QUALITY		
Dimension & Surface Quality	-0.5%	+/- 0.4%
Straightness of Sides	+0.6 mm	+0.3 mm
Rectangularity	-0.3%	+/- 0.2%
Surface Flatness	-0.5%	+/- 0.3%
Surface Quality	Min 95%	Min 96%
PHYSICAL PROPERTIES		
Water Absorption	>10%	12-15%
Modulus of Rupture	15N/mm ²	≥ 15N/mm ²
Bending Strength	>150kg./Cm ²	150-180kg./Cm ²
Scratch Hardness	Min. 3	Min. 3
Crazing Resistance	1 Cycle	No Crazing Upto 3 Cycles
CHEMICAL PROPERTIES		
Household Chemicals	Min Class B	Resistance to all acids and Alkalies & Household Chem, Except Hydro Fluoric Acid
Staining Resistance	Min Class 2	
THERMAL PROPERTIES		
Thermal Expansion	Max 9E-06	Conforms
Thermal Shock	Resistant 10 Cycles	Conforms