

TECHNICAL SPECIFICATIONS

THICKNESS : 5 MM

SIZE : 600 X 1200MM

GLAZED VITRIFIED

SR. NO.	ITEM	INDIAN INDEX	ISO INDEX	TILE
1	Water absorption (%)	Average Value ≤ 0.5	Average Value ≤ 0.5	≤ 0.08
2	Breaking Strength (N)	Average Value ≥ 600	Average Value ≥ 560	600
3	Modulus of Rupture (MPa)	≥ 35	≥ 35	40
4	Abrasive Resistance	$\geq$ Grade 3	-	Grade 4
5	Resistance of thermal shock	Without Cracking and spalling after test	Without Cracking and spalling after test	Without Cracking and spalling
6	Resistance of crazing	Without Cracking and spalling after test	Without Cracking and spalling after test	Without Cracking and spalling after test
7	Frost Resistance	Without Cracking and spalling after test	Without Cracking and spalling after test	Without Cracking and spalling
8	Chemical Resistance	Not Lower than grade GB	Not Lower than grade GB	Grade GA
9	Stain Resistance	Not Lower than grade III	Not Lower than grade III	Grade 5
10	Limit of Radioactive Nuclear	Type A I ra ≤ 1.0 IV ≤ 1.03	-	Type A I ra ≤ 0.40 IV ≤ 0.89
11	Elastic limit (mm)	≥ 12	-	20
12	Anti - slip slope	$\geq 12^\circ$	-	25°
PACKING				
Specification (mm)		PCS / Box	Sq. Meter / Box	KG / Box
600 x 1200		4	2.88	34 (Approx)