

TECHNICAL SPECIFICATION

Sr. No.	CHARACTERISTICS	STANDARD AS PER IS 15622:2006 GROUP BIA	MEAN VALUE OF FREELANCE STONE
Regulatory Properties			
1	Deviation in length & width	±0.5 %	±0.1 %
2	Deviation in thickness	±5.0 %	±3.0 %
3	Straightness of sides	±0.5 %	±0.1 %
4	Rectrangularity	±0.5 %	±0.1 %
5	Surface Flatness	±0.5 %	±0.2 %
6	Glossiness	As per mfg.	Matt surface
Structural Properties			
7	Water absorption	<0.50 %	≤ 0.10 %
8	Apparent density	>2.0 g/cc	>2.10 g/cc
Massive Mechanical Properties			
9	Modulus Rupture	MIN 35 N/mm ²	MIN 40 N/mm ²
10	Impact resistance	As per mfg.	Min. 0.55
Surface Mechanical Properties			
11	Surface abrasion resistance	As per mfg.	Min Class 5
12	MOH's hardness	As per mfg.	Min 5
Thermo Hydrometric Properties			
13	Frost resistance	No Damage	No Damage
14	Thermal shock resistance	No Damage	No Damage
15	Moisture expansion	Nil	Nil
16	Crazing resistance	As per mfg.	Min. 10 Cycle
Chemical Properties			
17	Chemical resistance	No Damage	No Damage
18	Stain resistance	Resistance	Resistance
Safety Properties			
19	Anti Skid (COF)	As per mfg.	Matt <0.75
20	Fire resistance	As per mfg.	Fire proof

Note: Colors shown are as accurate as the limitations of the printing process will allow. Prospective customers are advised to inspect a sample of the tile before ordering. Every effort has been made to ensure the accuracy of the information given. However, the company reserves the right to change the specifications without any notice. Something variations in shade or size being inherent to ceramic industry may occur. Before fixing, we advice you to follow the fixing instructions on the cartons of the tiles as no responsibility can be accepted by the company once the tiles have been fixed.

EXCLUSIVE APPLICATIONS

