

CHARACTERISTIC		REQUIREMENT STD.ISO 13006/EN 176	MEGA TILE VALUE	TESTING METHOD
1	Deviation in length	± 0.5%	±0.3%	EN 98
2	Deviation in thickness	± 5%	±3.0%	EN 98
3	Straightness of sides	±0.5%	±0.3%	EN 98
4	Rectangularity	± 0.6%	±0.3%	EN 98
5	Surface Flatness	± 0.5%	±0.3%	EN 98
6	Water Absorption	< 10	5 to 7 %	ISO 10945.3 EN 98
7	Mohs Hardness	5	5	EN 101
8	Flexural Strength	30 N/Sq.mm	30 N/Sq.mm	--
9	Abrasion Resistance	As specified by Manufacturer	PE 3	ISO 105545.6 EN 102
10	Frost Resistance	Frost proof	Frost proof	ISO 10534-11
11	Chemical Resistance	No damage	No damage	ISO 10534-18
12	Thermal shock Resistance	No damage	No damage	ISO 10545-9
13	color Resistance	No damage	No damage	--
14	Stain Resistance	Resistance	Stain Proof	ISO 10545-14
15	Moisture Expansion	NIII	NIII	ISO 10545-10
16	Crazing resistance	Min 2 Cycle	Min 4 Cycle	--