

# CERAMICS

		Method		Wall Tile (B II)	
				STANDART EN / ISO	Mulia Specification
NO	TEST ITEMS	EN	ISO		
1	Dimension (Length & Width)	EN 98	10545.2	*± 0.5 %	*± 0.25 %
2	Thickness	EN 98	10545.2	± 10 %	± 4.0 %
3	Straightness of side	EN 98	10545.2	± 0.3 %	± 0.2 %
4	Rectangularity	EN 98	10545.2	± 0.5 %	± 0.2 %
5	Flatness	EN 98	10545.2	± 0.5 / -0.3 %	-0.2 - ± 0.4 %
6	Water Absorption	EN 99	10545.3	> 10 %	10 < E ≤ 18 %
7	Bending Strength (Modulus of Rupture), in N /mm <sup>2</sup>	EN 100	10545.4	> 15 N / mm <sup>2</sup>	> 15 N / mm <sup>2</sup>
8	Abrasion resistance (PEI-class)**	EN 154	10545.7	State Class	**min Class II
9	Crazing Resistance	EN 105	10545.11	Pass Autoclave test at 7 bar in 1 hour	Pass Autoclave test at 7 bar in 1 hour
10	Frost Resistance	EN 202	10545.12	not required	-
11	Acid and Alkalis	EN 122	10545.13	Resistant	Resistant
12	Household and swimming pool salts	EN 122	10545.13	Min Class B	Min Class B
13	Stain Resistance	EN 122	10545.14	Min Class 2	Min Class 2
14	Shading /tonality	-	-	-	-

**Note :**

\* Calculated against median size of each calibre ( XS, S, M, L, XL )

\*\* The surface abrasion resistance depends on glaze type and quality.