



TECHNICAL SPECIFICATION

THE PRESIDENTIAL SERIES PORCELAIN MOSAIC

SR.NO	CHARACTERISTICS	TEST METHOD	STANDARDS AS PER ISO-13006;2013 GROUP Bla	OUR GENERAL TECHNICAL STANDARDS FOR UNGLAZED
A	DIMENSION & SURFACE QUALITY			
1	Deviation in length & width	ISO-10545-2	±0.5 %	± 0.3 %
2	Deviation in thickness	ISO-10545-2	±5.0 %	± 5.0%
3	Straightness of side	ISO-10545-2	±0.5 %	± 0.3%
4	Rectangularity	ISO-10545-2	±0.6 %	± 0.3 %
5	Surface flatness	ISO-10545-2	±0.5 %	± 0.40 %
6	Surface quality	ISO-10545-2	95% OF the tiles free from visible defect	95%
B	PHYSICAL PROPERTIES			
1	Water absorption	ISO-10545-3	≤ 0.5%	≤ 0.5%
2	Modulus of rupture	ISO-10545-4	> 35 N/MM ²	> 35 N/MM ²
3	Flexure breaking strength	ISO-10545-4	> 1300n	1900n
4	Moisture expansion	ISO-10545-10	0.02%	nil
5	Crazing resistance	ISO-10545-11	min 2 cycle	20 cycle passed
6	Resistance to deep abrasion	ISO-10545-4	175 ³	130 ³
7	Thermal expansion	ISO-10545-8	9x10 ⁻⁶	5.5x10 ⁻⁴
8	Thermal shock resistance	ISO-10545-9	min 10 cycle	10 cycle passed
9	Frost resistance	ISO-10545-12	no damage	no damage
10	Slipperiness (Polished)	CEN/TS 16165	Declared value	37 PTV
11	Slipperiness (Matt)	CEN/TS 16165	Declared value	PTV ("wet", "dry") : 60,81
12	Coefficient of friction (Polished)	ISO-10545-7	Declared value	PEI class - 3
13	Coefficient of friction (Matt)	ISO-10545-7	Declared value	PEI class - 5

Disclaimer : Above test results are based on the samples randomly drawn from the production lot at the time of generating report. Properties might vary depending on different surface, application, colour, size and thickness of the product. We reserve the rights to amend or delete either totally or partially, the sizes, references and other technical specifications contained in the table above.