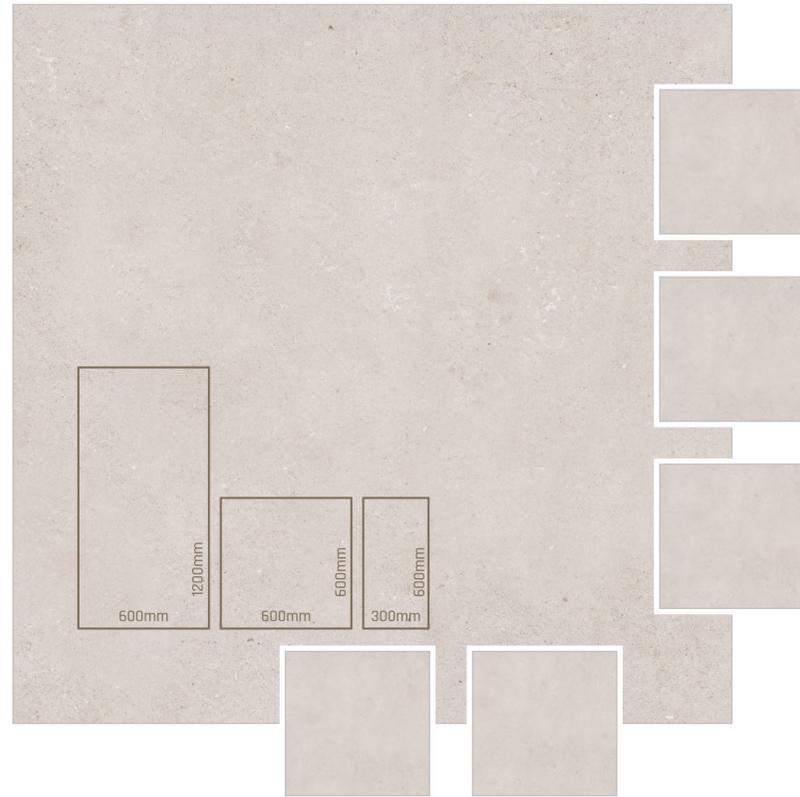


# TECHNO SERIES

(3 Surfaces & 5 Faces)



### Coordinated Mosaics



### Available Colors



GRIGIO



BIANCO



## TECHNICAL SPECIFICATION

### President Ceramic

SR.NO	CHARACTERISTICS	TEST METHOD	STANDARDS AS PER ISO-13006;2013 GROUP Bla	OUR GENERAL TECHNICAL STANDARDS FOR POLISHED	OUR GENERAL TECHNICAL STANDARDS FOR SFS	OUR GENERAL TECHNICAL STANDARDS FOR BRUSHED
<b>A</b>	<b>DIMENSION &amp; SURFACE QUALITY</b>					
1	Deviation in length & width	ISO-10545-2	±0.5 %	± 0.3 %	± 0.3 %	± 0.3 %
2	Deviation in thickness	ISO-10545-2	±5.0 %	±5.0%	±5.0%	±5.0%
3	Straightness of side	ISO-10545-2	±0.5 %	± 0.5%	± 0.5%	± 0.5%
4	Rectangularity	ISO-10545-2	±0.6 %	± 0.35 %	± 0.35 %	± 0.35 %
5	Surface flatness	ISO-10545-2	±0.5 %	± 0.40 %	± 0.40 %	± 0.40 %
6	Surface quality	ISO-10545-2	95% OF the tiles free from visible defect	95%	95%	95%

<b>B</b>	<b>PHYSICAL PROPERTIES</b>					
1	Water absorption	ISO-10545-3	≤ 0.5%	≤ 0.5%	≤ 0.5%	≤ 0.5%
2	Modulus of rupture	ISO-10545-4	> 35 N/MM <sup>2</sup>	> 35 N/MM <sup>2</sup>	> 35 N/MM <sup>2</sup>	> 35 N/MM <sup>2</sup>
3	Flexure breaking strength	ISO-10545-4	> 1300n	2000n	2000n	2000n
4	Moisture expansion	ISO-10545-10	0.02%	nil	nil	nil
5	Scratch hardness (moh's)	ISO-10545-13	min-5	5*	5*	5*
6	Resistance of surface abrasion	ISO-10545-7	PEI class ii min,	PEI class III	PEI class IV	PEI class IV
7	Thermal expansion	ISO-10545-8	6x10 <sup>-6</sup> k <sup>-1</sup>	6.5x10 <sup>-6</sup> k <sup>-1</sup>	6.5x10 <sup>-6</sup> k <sup>-1</sup>	6.5x10 <sup>-6</sup> k <sup>-1</sup>
8	Thermal shock resistance	ISO-10545-9	min 10 cycle	10 cycle passed	10 cycle passed	10 cycle passed
9	Frost resistance	ISO-10545-12	no damage	no damage	no damage	no damage
10	Glossiness (Only for Polished Surface)	gloss meter	as per mfg.norms	≥90°	-	-

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.



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