













technical characteristics	reference standard	required values	PAINT STONE producer's value
water absorption (E)	 ISO 10545-3	$\leq 0,5\%$	according to
breaking strength (S)	 ISO 10545-4	thickness $\geq 7,5$ mm ≥ 1300 N thickness $< 7,5$ mm ≥ 700 N	according to
bending strength (S)	 ISO 10545-4	≥ 35 N/mm ²	according to
resistance to abrasion PEI	 ISO 10545-7	according to producer's	pei IV
thermal shock resistance	 ISO 10545-9	no sample must show visible defects	according to
frost resistance	 ISO 10545-12	resistant	resistant
static coefficient of friction	 ASTM C1028 (SCOF)		DRY $\geq 0,60$ WET $\geq 0,60$
dynamic coefficient of friction	 ANSI A137.12012 (PCOF)		$> 0,42$
size characteristics	 ISO 10545-2	length and width $\pm 0,6\%$ thickness $\pm 5,0\%$ wedging $\pm 0,6\%$ flatness $\pm 0,5\%$	according to
linear thermal expansion coefficient	 ISO 10545-8	test method available	$\alpha \leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
resistance to chemicals	 ISO 10545-13	according to producer's	GHA
stain resistance	 ISO 10545-14	Classe ≥ 3	Classe 5