

FERROUS 6MM			
Specification	Test Method	Reference Value	Declared Value
Length and width: admitted deviation, in %, of the average size of each tile from the production dimensions	ISO-10545-2	±0,6% (±2 mm)	± 0,15%
Admitted deviation, in %, of the average thickness of each tile from the production dimensions	ISO-10545-2	±5% (±0,5 mm)	± 5%
Maximum straightness deviation, in %, in relation to the corresponding production dimensions	ISO-10545-2	±0,5% (±1,5 mm)	± 0,1%
Flatness (centre curvature / edge curvature / warpage)	ISO-10545-2	±0,5% (±2mm)	± 0,35%
Surface quality	ISO-10545-2	At least 95% of the tiles must be free from visible flaws	Compliant
Water Absorbtion	ISO-10545-3	E<0,5%	Average value 0,08%
Breaking strength in N (thickness >= 7,5 mm)	ISO-10545-4	≥1300 Newton	Average Value 3200N
Bending strength in N/mm2	ISO-10545-4	>35 N/mm2	Average Value 50 N/mm2
Thermal shock resistance	ISO-10545-8	-	Resistant
Resistance to staining	ISO-10545-14	class 3 minimum	Compliant
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Resistance to low concentrations of acids and alkali	ISO-10545-13	See manufacturer's declaration	Compliant
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Resistance to domestic chemicals and additives for swimming pools	ISO-10545-13	GB minimum	GA
Resistance to low concentrations of acids and alkali	ISO-10545-13	See manufacturer's declaration	GLA MATTE
Frost resistance	ISO-10545-12	Required	Resistant
Dynamic coefficient of friction (section 9.6 ANSI A 137.1 2012)	DCOF	>0,42 wet	-
Glaze crazing resistance	ISO-10545-11	Required	Resistant
Slip resistance	DIN51130	-	R9
Slip resistance	DIN51097	-	A+B
Slip resistance	BCR-TORTUS	-	u > 0.4
Slip resistance	ANSI A326.3	-	DCOF> 0.42