

Scheda Tecnica/Technical data sheet  
 Copia dei certificati di prova è disponibile a richiesta  
 /Copy of test reports is available at request.

CHARACTERISTIC	TEST METHOD	REQUIREMENTS ISO 13006-J: 2012 EN 14411-J:2016	RESULTS
Surface quality	UNI EN ISO 10545-2	> 95% free from visible defects	100%
Length and width	UNI EN ISO 10545-2	Max deviation from W: ± 0,6% and ± 2.0 mm	Complies
Thickness	UNI EN ISO 10545-2	Max deviation from declared: ± 5% and ± 0,5 mm	Complies
Straightness of sides	UNI EN ISO 10545-2	Max deviation: ± 0,5% and ± 1,5 mm	Complies
Rectangularity	UNI EN ISO 10545-2	Max deviation: ± 0,5 % and ± 2,0 mm	Complies
Surface Flatness <i>Centre Curvature</i>	UNI EN ISO 10545-2	Max deviation: ± 0,5 % and ± 2,0 mm	Complies
Surface Flatness <i>Edge Curvature</i>	UNI EN ISO 10545-2	Max deviation: ± 0,5 % and ± 2,0 mm	Complies
Surface Flatness <i>Warpage</i>	UNI EN ISO 10545-2	Max deviation: ± 0,5 % and ± 2,0 mm	Complies
Water absorption	UNI EN ISO 10545-3	3% < E ≤ 6 %, individual maximum 6,5%	4,3%-5,2%, complies with B1la
Breaking strength, thickness < 7,5 mm	UNI EN ISO 10545-4	≥ 600 N	> 750 N
Modulus of rupture	UNI EN ISO 10545-4	Min. 22 N/mm <sup>2</sup> Indiv. Min. 20 N/mm <sup>2</sup>	Min 29 N/mm <sup>2</sup>
Resistance to deep abrasion – Unglazed tiles: removed volume	UNI EN ISO 10545-6	Max 345 mm <sup>3</sup>	Max 290 mm <sup>3</sup>
Coefficient of linear thermal expansion	UNI EN ISO 10545-8	Declared value	6,0-6,8 . 10 <sup>-6</sup> °K <sup>-1</sup>
Thermal shock resistance	UNI EN ISO 10545-9	Pass according to UNI EN ISO 10545-1	Passes
Frost resistance	UNI EN ISO 10545-12	Declared value	Passes
Resistance to staining – unglazed tiles	UNI EN ISO 10545-14	Declared value	Class 5
Resistance to chemicals – Low concentration of acids and alkalies	UNI EN ISO 10545-13	Declared value	ULA
Resistance to chemicals – High concentration of acids and alkalies	UNI EN ISO 10545-13	Declared value	UHA
Resistance to chemicals – Household chemicals and swimming pool slats	UNI EN ISO 10545-13	Minimum class UB	UA
Determination of scratch resistance	SSA 1030/1998 pt.5	===	Mohs scale 6