


























Reference standard E.N. 14411-ISO 13006 . Appendix G. Group B I a. GL	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	Squadrato ISO 13006 - ±0,3% (±1 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	Squadrato ISO 13006 - ±0,3% (±0,8 mm)	± 0,1%
	Maximum right-angle deviation, in %, in relation to the corresponding production dimensions	ISO-10545-2	Squadrato ISO 13006 - ±0,3% (±1,5 mm)	± 0,2%
	Flatness (centre curvature / edge curvature / warpage)	ISO-10545-2	Squadrato ISO 13006 - ±0,4% (±1,8 mm)	± 0,35%
	Surface quality	ISO-10545-2	Il 95% min delle piastrelle deve essere esente da difetti visibili / At least 95% of the tiles must be free from visible flaws / 95% min des carreaux ne doivent présenter aucun défaut visible / Mindestens 95% der Fliesen müssen frei von sichtbaren / min. el 95% de las baldosas tiene que estar exento de defectos visibles	CONFORME / CONFORMING / CONFORME / KONFORM / CONFORME / COOTBETCTBYET
	Amount of water absorbed, in percentage	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 3200 N
	Bending strength in N/mm2	ISO-10545-4	>35 N/mm2	average value 50 N/mm2
	Resistance to abrasion of glazed tiles	ISO-10545-7	Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante	cl.3 (Beige, Brown) / cl. 4 (Grey, White, Taupe)
	Thermal shock resistance	ISO-10545-9	-	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Glaze crazing resistance	ISO-10545-11	Richiesta / Required / Requite / Gefordert / Requerida	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Resistance to staining	ISO-10545-14	classe 3 minimo / class 3 minimum / classe 3 minimum / Klasse 3 mindestens / classe 3 mínimo	4

	Resistance to low concentrations of acids and alkali	ISO-10545-13	Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante	GLA-GLB
	Resistance to domestic chemicals and additives for swimming pools	ISO-10545-13	GB minimo / GB minimum / GB minimum / GB mindestens / GB minimo	GA
	Frost resistance	ISO-10545-12	Richiesta / Required / Requite / Gefordert / Requerida	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Slip resistance with shoes	DIN-51130:2010	-	R9
	Slip resistance with shoes	DIN-51130:2010	-	R11 GRIP
	Dynamic coefficient of friction (section 9,6 ANSI A 137.1 2012)	DCOF	>0,42 wet	> 0,42 wet
	Barefoot slip resistance	DIN-51097	-	Cl. A+B GRIP

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	Reference standard E.N. 14411-ISO 13006 . Appendix G. Group B I a. UGL	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	Squadro ISO 13006 - ±0,3% (±1 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	Squadro ISO 13006 - ±0,3% (±0,8 mm)	± 0,10%
	Maximum right-angle deviation, in %, in relation to the corresponding production dimensions	ISO-10545-2	Squadro ISO 13006 - ±0,3% (±1,5 mm)	± 0,20%
	Flatness (centre curvature / edge curvature / warpage)	ISO-10545-2	Squadro ISO 13006 - ±0,4% (±1,8 mm)	± 0,35%
	Surface quality	ISO-10545-2	Il 95% min delle piastrelle deve essere esente da difetti visibili / At least 95% of the tiles must be free from visible flaws / 95% min des carreaux ne doivent présenter aucun défaut visible / Mindestens 95% der Fliesen müssen frei von sichtbaren / min. el 95% de las baldosas tiene que estar exento de defectos visibles	CONFORME / CONFORMING / CONFORME / KONFORM / CONFORME / COOTBETCTBYET

	Amount of water absorbed, in percentage	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 14000
	Bending strength in N/mm2	ISO-10545-4	>35 N/mm2	average value 52
	Thermal shock resistance	ISO-10545-9	-	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Resistance to staining	ISO-10545-14	-	4
	Resistance to low concentrations of acids and alkali	ISO-10545-13	Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante	ULA
	Resistance to high concentrations of acids and alkali	ISO-10545-13	Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante	UHA
	Resistance to domestic chemicals and additives for swimming pools	ISO-10545-13	UB minimo / UB minimum / UB minimum / UB mindestens / UB minimo	UA
	Frost resistance	ISO-10545-12	Richiesta / Required / Requisite / Gefordert / Requerida	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Slip resistance with shoes	DIN-51130:2010	-	R11
	Resistance to deep abrasion of unglazed tiles	ISO-10545-6	<175 mm3	average value 140
	Barefoot slip resistance	DIN-51097	-	cl. A+B

Notes:

Ceramic tiles undergo a compacting thermal treatment that ensures resistance and durability. The low level of water absorption makes the slabs frost resistant. This could result in superficial water stagnations even if materials are installed in a workmanlike manner.