













MATERIAL STONES

GLAZED PORCELAIN STONEWARE

SPECIFICATION REFERENCE E.N. 14411 - APPENDIX G. GROUP BIA. GL		TEST METHOD	REFERENCE VALUE	DECLARED VALUE
	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
	Slip resistance with shoes	DIN-51130:2010	-	R9
	Slip resistance with shoes		-	R11 GRIP
	Glaze crazing resistance	ISO-10545-11	Richiesta / Required / Requisite / Gefordert / Requerida	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE
	Frost resistance	ISO-10545-12	Richiesta / Required / Requisite / Gefordert / Requerida	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE
	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		GB minimo / GB minimum / GB minimum / GB mindestens / GB minimo	GA
	Resistance to staining	ISO-10545-14	classe 3 minimo / class 3 minimum / classe 3 minimum / klasse 3 mindestens / classe 3 minimo	3-4
	Admitted deviation, in %, of the average thickness of each tile from the production dimensions	ISO-10545-2	±5% (±0,5 mm)	± 5%
	Surface quality		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
	Flatness (centre curvature / edge curvature / warpage)		±0,5% (±2mm)	± 0,35%
	Length and width: admitted deviation, in %, of the average size of each tile from the production dimensions		±0,6% (±2 mm)	± 0,15%
	Maximum right-angle deviation, in %, in relation to the corresponding production dimensions		±0,5% (±2 mm)	± 0,2%
	Maximum straightness deviation, in %, in relation to the		±0,5% (±1,5 mm)	± 0,1%

	corresponding production dimensions			
	Amount of water absorbed, in percentage	ISO-10545-3	E<0,5%	average value 0,08%
	Bending strength in N/mm2	ISO-10545-4	>35 N/mm2	average value 50
	Breaking strength in N (thickness >= 7,5 mm)		≥1300 New ton	average value 3200
	Resistance to abrasion of glazed tiles	<p>ISO-10545-6</p> <p>Como dichiarato dal produttore / See manufacturer's declaration / Selon la déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante</p> <p>cl. 3 (05; 06) / cl. 4 (01; 02; 03; 04; 07; 08; 09)</p>		
	Thermal shock resistance	ISO-10545-9	-	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE