













FINE PORCELAIN STONEWARE

SPECIFICATION REFERENCE E.N. 14411 . APPENDIX G. GROUP B I A. UGL		TEST METHOD	REFERENCE VALUE	DECLARED VALUE
	Static coefficient of friction	ASTM-C1028	>0,60 dry and wet	> 0,6 dry and wet
	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 (sp. / thickness / ép. / Dicke / gr. 20mm)
Barefoot slip resistance	Cl. C (sp. / thickness / ép. / Dicke / gr. 10mm) SLATE-HAMMERED			
	Slip resistance with shoes	DIN-51130:2010	-	R11 SLATE-HAMMERED
Slip resistance with shoes	R9 MATTE			
Slip resistance with shoes	R11 (sp. / thickness / ép. / Dicke / gr. 20mm)			
	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	ULA
Resistance to domestic chemicals and additives for swimming pools	UB minimo / UB minimum / UB minimum / UB mindestens / UB minimo		UA	
	Resistance to staining	ISO-10545-14	-	CLASSE 4 / CLASSE 4 / CLASS 4 / GRUPPE 4 / CLASE 4
	Flatness (centre curvature / edge curvature / warpage)	ISO-10545-2	±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)		± 0,20%	

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	Maximum straightness deviation, in %, in relation to the corresponding production dimensions		±0,5% (±1,5 mm)	± 0,10%
	Admitted deviation, in %, of the average thickness of each tile from the production dimensions		±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 / mín. el 95% de las baldosas tiene que estar exento de defectos visibles	CONFORME / CONFORMING / CONFORME / ENTSPRICHT / CONFORME
	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 52 (sp. / thickness / ép. / Dicke / gr. 20mm)
	Bending strength in N/mm2		>35 N/mm2	average value 50 (sp. / thickness / ép. / Dicke / gr. 10mm)
	Breaking strength in N (thickness >= 7,5 mm)		≥1300 Newton	average value 14000 (sp. / thickness / ép. / Dicke / gr. 20mm)
	Breaking strength in N (thickness >= 7,5 mm)		≥1300 Newton	average value 3200 (sp. / thickness / ép. / Dicke / gr. 10mm)
	Resistance to deep abrasion of unglazed tiles	ISO-10545-6	<175 mm3	average value 140
	Thermal shock resistance	ISO-10545-9	-	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE

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