

10,00 mm / FINE PORCELAIN STONEWARE

	Reference standard E.N. 14411 . Appendix G. Group Bla. UGL	Test method	Reference value	Declared value
	Bending strength in N/mm2	ISO-10545-4	>35 N/mm2	average value 50 N/mm2
	Breaking strength in N (thickness >= 7,5 mm)	ISO-10545-4	≥1300 Newton	average value 3200 N
	Thermal shock resistance	ISO-10545-9	-	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Frost resistance	ISO-10545-12	Richiesta / Required / Requisite / Gefordert / Requerida	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	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 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	ISO-10545-13	UB minimo / UB minimum / UB minimum / UB mindestens / UB minimo	UA
	Resistance to staining	ISO-10545-14	-	Cl. 4
	Slip resistance with shoes	DIN-51130:2010	-	R10 bark
	Slip resistance with shoes	DIN-51130:2010	-	R10 brushed
	Slip resistance with shoes	DIN-51130:2010	-	R10 crusted
	Slip resistance with shoes	DIN-51130:2010	-	R9 honed
	Barefoot slip resistance	DIN-51097	-	Cl. A+B brushed

	Barefoot slip resistance	DIN-51097	-	Cl. A + B crusted
	Amount of water absorbed, in percentage	ISO-10545-3	E<0,5%	average value 0,08%
	Resistance to deep abrasion of unglazed tiles	ISO-10545-6	<175 mm ³	average value 140
	Static coefficient of friction	ASTM-C1028	>0,60 dry and wet	≥ 0,6% dry and wet crusted
	Static coefficient of friction	ASTM-C1028	>0,60 dry and wet	≥ 0,6% dry and wet bark
	Static coefficient of friction	ASTM-C1028	>0,60 dry and wet	≥ 0,6% dry and wet brushed
	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%
	Maximum right-angle deviation, in %, in relation to the corresponding production dimensions	ISO-10545-2	±0,5% (±2 mm)	± 0,2%
	Flatness (centre curvature / edge curvature / warpage)	ISO-10545-2	±0,5% (±2mm)	± 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 / mín. el 95% de las baldosas tiene que estar exento de defectos visibles	
	Dynamic coefficient of friction (section 9.6 ANSI A 137.1 2012)	DCOF	>0,42 wet	> 0,42 wet

Notes:

For optimal installation results, Florim recommends maintaining a joint of 2 mm 1/12" for single format installations and 3 mm 1/8" to combine mixed formats.

They do not regard the trim pieces.

* Test performed on 80x80cm size (6mm)

4,50 mm / GLASS

Reference standard	Test method	Reference value	Declared value
 Resistance to high concentrations of acids and alkali	ISO-10545-13	-	UHA - GHA
 Resistance to low concentrations of acids and alkali	ISO-10545-13	-	ULA - GLA
 Resistance to domestic chemicals and additives for swimming pools	ISO-10545-13	-	UA - GA
 Resistance to staining	ISO-10545-14	-	CLASSE 5 / CLASSE 5 / CLASS 5 / GRUPPE 5 / CLASE 5
 Barefoot slip resistance	DIN-51097	-	CLASSE B / CLASSE B / CLASS B / GRUPPE B / CLASE B
 Amount of water absorbed, in percentage	ISO-10545-3	-	< 0,5%
 Resistance to deep abrasion of unglazed tiles	ISO-10545-6	-	< 300 mm ³
 Resistance to abrasion of glazed tiles	ISO-10545-7	-	CLASSE 4 / CLASSE 4 / CLASS 4 / GRUPPE 4 / CLASE 4
 Coefficient of thermal linear expansion	ISO-10545-8	-	< 7.5

Notes:

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6,00 mm / FINE PORCELAIN STONEWARE

Reference standard E.N. 14411 . Appendix G. Group Bla. UGL	Test method	Reference value	Declared value
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	Breaking strength in N (thickness < 7,5 mm)	ISO-10545-4	≥ 700 Newton	average value 1350 N *
	Bending strength in N/mm2	ISO-10545-4	> 35 N/mm2	average value 52 N/mm2
	Thermal shock resistance	ISO-10545-9	-	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Frost resistance	ISO-10545-12	Richiesta / Required / Requisite / Gefordert / Requerida	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	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 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	ISO-10545-13	UB minimo / UB minimum / UB minimum / UB mindestens / UB minimo	UA
	Resistance to staining	ISO-10545-14	-	Cl. 3
	Slip resistance with shoes	DIN-51130:2010	-	R9 honed
	Amount of water absorbed, in percentage	ISO-10545-3	E<0,5%	average value 0,08%
	Resistance to deep abrasion of unglazed tiles	ISO-10545-6	<175 mm3	average value 140
	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%
	Maximum right-angle deviation, in %, in relation to the corresponding production dimensions	ISO-10545-2	±0,5% (±2 mm)	± 0,2%

	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 / mín. el 95% de las baldosas tiene que estar exento de defectos visibles		CONFORME / CONFORMING / CONFORME / KONFORM / CONFORME / COOTBETCTBYET
	Flatness (centre curvature / edge curvature / warpage)	ISO-10545-2	±0,5% (±2mm)		± 0,2%
	Dynamic coefficient of friction (section 9.6 ANSI A 137.1 2012)	DCOF	>0,42 wet		> 0,42 wet
	Determinazione della cessione di piombo e cadmio	ISO-10545-15	-		ASSENTE / ABSENT / ABSENT / ABWESEND / AUSENTE / несуществующее

Notes:

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