STONE LIFE / FLORIM

Glazed Porcelain Stoneware
Rectified

6 mm 2/8"

Technical features

Quality specifications, according to control tests of EN 14411-ISO 13006 Appendix G group Bla GL		Standard requirements N ≥ 15 cm (%)	Standard requirements N ≥ 15 cm (mm)	Test results MATTE	Reference standard
Lenght and with: deviation of the average size for each tile from the work size	Squadrato ISO 13006	± 0,3%	± 1 mm	± 0,15%	ISO 10545-2
Thickness: deviation of the average thickness of each tile form the work size thickness	Squadrato ISO 13006	± 5%	± 0,5 mm	± 5%	
Straightness: maximum deviation to the corresonding work sizes	Squadrato ISO 13006	± 0,3%	± 0,8 mm	± 0,10%	
Orthogonality: permissible deviation in relation to the corresponding manufacturing dimensions	Squadrato ISO 13006	± 0,3%	± 1,5 mm	± 0,20%	
Flatness: center curvature, edge curvature, and warpage in relation to the corresponding manufacturing dimensions	Squadrato ISO 13006	± 0,4%	± 1,8 mm	0,20%	
Surface quality	A minimun of 95% of the tiles are to be free from visible defects			Compliant	
Water absorption, percent mass fraction	≤ 0,5%			Average value 0,08%	ISO 10545-3
Breaking strength in N (thickness < 7.5 mm)	≥ 700			Average value 1350 N	ISO 10545-4
Bending strength in N/mm^2	≥ 35			Average value 52 N/mm^2	
Resistance to surface abrasion	See manufacturer's declaration			Shell Class 4 | Cotton Class 4 | Haze Class 4 | Graphit Class 2	ISO 10545-7
Thermal shock resistance	Available testing method			Resistant	ISO 10545-9
Crazing resistance	Required			Resistant	ISO 10545-11
Resistance to staining	Minimum class 3			Class 4	ISO 10545-14
Resistance to low concentrations of acids and alkali	See manufacturer's declaration			LA	ISO 10545-13
Resistance to household chemicals and swimming pool salts	Minimum class B			A	
Frost resistance	Required			Resistant	ISO 10545-12
Release of hazardous substances	Declared value for GL surfaces intended for countertop applications			Compliant	DM 1-2-2007 Reg. CE 1935-2004
Dynamic coefficient of friction	See manufacturer's declaration			≥ 0,42 wet	ANSI-A326.3
	See manufacturer's declaration			> 0,40	METODO BCRA
Shod ramp slipperiness	See manufacturer's declaration			R10 ($10° < \alpha \leq 19°$)	DIN EN 16165 ANNEX B

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.

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STONE LIFE / FLORIM

Glazed Porcelain Stoneware
Rectified

9 mm 3/8"

Technical features

Quality specifications, according to control tests of EN 14411-ISO 13006 Appendix G group Bla GL		Standard requirements N ≥ 15 cm		Test results		Reference standard
		(%)	(mm)	MATTE	GRIP	
Lenght and with: deviation of the average size for each tile from the work size	Squadrato ISO 13006	± 0,3%	± 1 mm	± 0,15%		ISO 10545-2
Thickness: deviation of the average thickness of each tile form the work size thickness	Squadrato ISO 13006	± 5%	± 0,5 mm	± 5%		
Straightness: maximum deviation to the corresonding work sizes	Squadrato ISO 13006	± 0,3%	± 0,8 mm	± 0,10%		
Orthogonality: permissible deviation in relation to the corresponding manufacturing dimensions	Squadrato ISO 13006	± 0,3%	± 1,5 mm	± 0,20%		
Planarità curvatura del centro, dello spigolo e svergolamento	Squadrato ISO 13006	± 0,4%	± 1,8 mm	0,35%		
Surface quality	A minimun of 95% of the tiles are to be free from visible defects			Compliant		
Water absorption, percent mass fraction	≤ 0,5%			Average value 0,08%		ISO 10545-3
Breaking strength in N (thickness < 7.5 mm)	≥ 1300			Average value 2200 N		ISO 10545-4
Bending strength in N/mm^2	≥ 35			Average value 50 N/mm^2		
Resistance to surface abrasion	Available testing method			Shell Class 4 | Cotton Class 4 | Haze Class 4 | Graphit Class 2		ISO 10545-7
Thermal shock resistance	Available testing method			Resistant		ISO 10545-9
Crazing resistance	Required			Resistant		ISO 10545-11
Resistance to staining	Minimum class 3			Class 4		ISO 10545-14
Resistance to low concentrations of acids and alkali	See manufacturer's declaration			LA		ISO 10545-13
Resistance to household chemicals and swimming pool salts	Minimum class B			A		
Frost resistance	Required			Resistant		ISO 10545-12
Dynamic coefficient of friction	See manufacturer's declaration			≥ 0,42 wet		ANSI-A326.3
	See manufacturer's declaration			> 0,40		METODO BCRA
Shod ramp slipperiness	See manufacturer's declaration			R10 (10° < α ≤ 19°)	R11 (19° < α ≤ 27°)	DIN EN 16165 ANNEX B
Pendulum test slipperiness	See manufacturer's declaration			-	PTV > 36 (slider 96)	BS EN 16165 ANNEX C

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