I MARMI / FLORIM

Glazed Porcelain Stoneware
Rectified

6 mm 1/4"

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	Test results MATTE SOFT	Test results GLOSSY	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%			Compliant			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			CALACATTA GOLD CLASS 4 | ETOILE CREME CLASS 4 | ETOILE ILLUSION CLASS 4 | ETOILE SYMPHONIE CLASS 3 | CHARMING AMBER CLASS 2	STATUARIO CLASS 4	ETOILE CREME CLASS 4 | ETOILE ILLUSION CLASS 4 | ETOILE SYMPHONIE CLASS 3 | STATUARIO CLASS 4 | CALACATTA GOLD CLASS 4 | BRECHE CAPRAIA CLASS 4 | CHARMING AMBER 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	Class 3		ISO 10545-14
Resistance to low concentrations of acids and alkali	See manufacturer's declaration			LA	LB		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

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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I MARMI / 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 (%)	Standard requirements N ≥ 15 cm (mm)	Test results MATTE	Test results MATTE SOFT	Test results GLOSSY	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%			
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%			Compliant			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	See manufacturer's declaration			CALACATTA GOLD 4 | ETOILE CREME CLASS 4 | CHARMING AMBER CLASS 2	STATUARIO CLASS 4	ETOILE CREME CLASS 4 | STATUARIO CLASS 4 | CALACATTA GOLD CLASS 4 | BRECHE CAPRAIA CLASS 4 | CHARMING AMBER 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 3			ISO 10545-14
Resistance to low concentrations of acids and alkali	See manufacturer's declaration			LB			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

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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