

Technical features								
Quality specifications, according to control tests of EN 14411-ISO 13006 Appendix G group Bla GL			Standard requirements		Test results			Reference standard
			N ≥ 15 cm					
			(%)	(mm)	MATTE	GLOSSY	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 corresponding 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 minimum 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/mm²	≥ 35			Average value 50 N/mm²			
	Resistance to surface abrasion	Available testing method			Calacatta Class 5 Travertino Class 4 Marfil Class 4 Ceppo Di Grè Class 4 Amany Grey Class 3 Black Deep Class 3			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	Class 4	ISO 10545-14
	Resistance to low concentrations of acids and alkali	See manufacturer's declaration			LA	LB	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	≥ 0,42			≥ 0,42 wet	-	≥ 0,42 wet	ANSI-A326.3
		> 0,40			> 0,40	-	> 0,40	METODO BCRA
	Shod ramp slipperiness	See manufacturer's declaration			R9 (6° < α ≤ 10°)	-	R11 (19° < α ≤ 27°)	DIN EN 16165 ANNEX B
	Barefoot ramp slipperiness	See manufacturer's declaration			-		Class C (α > 24°)	DIN EN 16165 ANNEX A
	Pendulum test slipperiness	See manufacturer's declaration			-		PTV > 36 (slider 96)	BS EN 16165 ANNEX C