

	Technical characteristics		Norms	Required values			Average value			
				7cm ≤ N < 15 cm	N ≥ 15 cm					
	Lenght and Width	RT	ISO 10545-2	± 0,4 mm	± 0,3 %	± 1,0 mm	Compliant			
		NO RT		± 0,9 mm	± 0,6 %	± 2,0 mm				
	Straightness of sides	RT		± 0,4 mm	± 0,3 %	± 0,8 mm	Compliant			
		NO RT		± 0,8 mm	± 0,5 %	± 1,5 mm				
	Rectangularity	RT		± 0,4 mm	± 0,3 %	± 1,5 mm	Compliant			
		NO RT		± 0,8 mm	± 0,5 %	± 2,0 mm				
	Flatness	RT		± 0,6 mm	± 0,4 %	± 1,8 mm	Compliant			
		NO RT		± 0,8 mm	± 0,5 %	± 2,0 mm				
Thickness							Compliant			
				± 0,5 mm	± 5,0 %	± 0,5 mm				
	Water Absorption		ISO 10545-3	≤ 0,5 %			≤ 0,1 %			
	Bending and breaking strength		ISO 10545-4	R ≥ 35 N/mm2 S ≥ 700 N (< 7,5 mm) S ≥ 1300 N (≥ 7,5 mm)			6 mm R ≥ 40 N/mm2 S ≥ 1000 N	9 mm R ≥ 40 N/mm2 S ≥ 1500 N	20 mm R ≥ 45 N/mm2 S ≥ 10000 N	
	Deep abrasion resistance		ISO 10545-6	≤ 175 mm3			≤ 150 mm3			
	Deep abrasion resistance		ISO 10545-7	Manufactured to state classification			Test available upon request			
	Thermal shock resistance		ISO 10545-9	In accordance with EN ISO 51045-1 (ISO 13006: test method available)			Resistant			
	Frost resistance		ISO 10545-12	In accordance with EN ISO 51045-1 (ISO 13006: richiesta)			Resistant (frost proof)			
	Chemical resistance		ISO 10545-13	Household chemicals and swimming pool salts: min B			UGL	Compliant	GL (Lappato)	Compliant
				Low concentrations of acids and alkalis Manufactured to state classification						
				High concentrations of acids and alkalis: Manufactured to state classification						
	Stain resistance		ISO 10545-14	Manufactured to state classification			Compliant			
				GL Classe 3 minima Minimum class 3						
							Silky	Lappato	Spazzolato R10	Structured R11 20mm
	Slip resistance		DIN EN 16165 Anx A (ex DIN 51097)	Based on environment or on the working area			-	-	A+B	A+B+C
	Slip resistance		DIN EN 16165 Anx B (ex DIN 51130)	Based on environment or on the working area			-	-	R10	R11
	Slip resistance		DIN EN 16165 Anx C (ex Pendulum)	Low slip risk PTV ≥ 36 dry and wet			-	-	≥ 0,36 dry ≥ 0,36 wet	≥ 0,36 dry ≥ 0,36 wet
	Dynamic friction coefficient		B.C. R . A	D.M.I. Giugno 1989 n. 236 (μ > 0,40)			-	-	> 0,40 dry > 0,40 wet	> 0,40 dry > 0,40 wet
	Dynamic friction coefficient		ANSI A326.3 (D.C.O.F)	Based on environment or on the working area			-	Test available upon request	wet D.C.O.F. ≥ 0,50	wet D.C.O.F. ≥ 0,55

Dry pressed tiles - Compliant with standards en 14411 and iso 13006 annex G group B1-a with E ≤ 0,5%

2025 Technical data sheet - Ceramiche Keope reserves the right to modify the above specifications at any time without notice.
For specific certificates contact Ceramiche Keope

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