

OUTDOOR / (20 mm / 30 mm)

OUTDOOR / TECHNICAL DATA SHEET (20 mm / 30 mm)

SPECIFICATION	TEST METHOD	REFERENCE VALUE	DECLARED VALUE
Static coefficient of friction	ASTM - C 1028	> 0,60 dry and wet	> 0,70 dry and wet
Dynamic coefficient of friction (section 9.6 ANSIA 137.1 2012)	DCOF Acutest	> 0.42 wet	> 0.60 wet
Resistance to freeze	ASTM - C 1026	required	Resistant
Frost resistance	ISO - 10545-12	As reported	Resistant
Chemical resistance	ASTM - C 650	As reported	Not affected
Resistance to domestic chemicals and additives for swimming pools	ISO - 10545-13	UB minimum	UA
Resistance to low concentrations of acids and alkali	ISO - 10545-14	See manufacturer's declaration	ULA
Resistance to high concentrations of acids and alkali	ISO - 10545-15	See manufacturer's declaration	UHA
Resistance to staining	ASTM - C 1378	As reported	Not affected
	ISO - 10545-14	-	4
Maximum straightness deviation, in %, in relation to the corresponding production dimensions	ASTM - C 485	±0.75% (±1.8 mm)	±10%
	ISO - 10545-2	±0,5% (±1,5 mm)	±10%
Admitted deviation, in %, of the average thickness of each tile from the production dimensions	ASTM - C 499	± 1.2 mm	±0.5%
	ISO - 10545-2	±0,5% (±0,5 mm)	±0.5%
Length and width: admitted deviation, in %, of the average size of each tile from the production dimensions	ASTM - C 499	±0.5 % (±2.0 mm)	± 0.15 %
	ISO - 10545-2	±0,6 % (±2 mm)	± 0.15 %
Amount of water absorbed, in percentage	ASTM - C 373	≤ 0.5%	≤ 0.5%
	ISO - 10545-3	≤ 0.5%	≤ 0.5%
Breaking strength in N (thickness > = 7,5 mm)	ASTM - C 648	≥ 2500 LBF Average	≥ 3000 LBF Individual
	ISO - 10545-4	≥ 1300 Newton	(20 mm) > 13000 (30 mm) > 30000
Resistance to deep abrasion of unglazed tiles	ASTM - C 1243	< 175 mm ³	< 150
	ISO - 10545-6	< 175 mm ³	< 150
Thermal shock resistance	ASTM - C 484	-	Meets the requirement
	ISO - 10545-9	-	Resistant