

GENERIC SPEC SHEET

TYPE: RED FLOOR TILE
SIZE: 30 x 30 cm (12 x 12 in)

TECHNICAL FEATURES			SPECIFICATION		TEST
			mm	in	
1. Dimensions	1.1 Length		304.8 ± 0.5%	12.0 ± 0.5%	ASTM C499
	1.2 Width		304.8 ± 0.5%	12.0 ± 0.5%	ASTM C499
	1.3 Thickness		7.3 ± 5%	0.29 ± 5%	ASTM C499
	1.4 Wedging		304.8 ± 0.5%	12.0 ± 0.5%	ASTM C502
	1.5 Surface flatness	1.5.1 Warpage Diagonal	431.0 ± 0.5%	17.0 ± 0.5%	ASTM C485
		1.5.2 Warpage Edge	304.8 ± 0.5%	12.0 ± 0.5%	ASTM C485
TECHNICAL FEATURES			UNITS	SPECIFICATION	TEST
2. Physical properties	2.1 Water absorption		%	3 < wa ≤ 6.0	ASTM C373
	2.2 Breaking strength		lbf	≥ 250	ASTM C648
	2.3 Visible abrasion resistance		-	PEI: Declared for each product	ASTM C1027
	2.4 Thermal shock resistance		-	Resist	ASTM C484
	2.5 Crazing resistance		-	Resist	ASTM C424
	2.6 Resistance to freeze		-	Resist	ASTM C1026
	2.7 Dinamic coefficient of friction (DCOF)		-	≥ 0.42	ANSI A 137-1, Section 9.6
3. Chemical properties	3.1 Chemical resistance		-	Class A (Resist ¹)	ASTM C650
	3.2 Stain resistance		-	Class A	ASTM C1378
4. Shade	Declared for each product:				
	V0 V1 V2 V3 V4				

Products format 30 x 30 cm (12 x 12 in) meets all the technical specifications established in the ANSI A137-1 Standard.

¹ Avoid contact of the ceramic material with chemicals such as Muriatic Acid, Hydrofluoric Acid, Chlorine, Gasoline, Thinner, Diesel, cleaners that contain Potassium Hydroxide and other similar products, since the use of such substances can cause severe changes in the tile surface, altering its original appearance.

Issued by:


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