

Technical Features

Dimensions | Surface flatness

	Unit	17x17	13x13	Test
Warpage diagonal	in	24.4 ± 0.5%	18.5 ± 0.5% (or Max. ± 0.08)	ASTM C499
Warpage edge	in	17.3 ± 0.5%	13.1 ± 0.5% (or Max. ± 0.08)	ASTM C499
Wedging	in	17.3 ± 0.5% (or Max. ± 0.08)	13.1 ± 0.5% (or Max. ± 0.08)	ASTM C502

Physical properties

Water absorption	%	3 < wa ≤ 6.0		ASTM C373
Breaking strength	lbf	≥ 250		ASTM C648
Visible abrasion resistance		PEI (IV)		ASTM C1027
Thermal shock resistance		Resist		ASTM C484
Crazing resistance		Resist		ASTM C424
Resistance to freeze		Resist		ASTM C1026
Dynamic coefficient of friction (DCOF)		≥ 0.42		ANSI A 137-1 Section 9,6

Chemical properties

Chemical resistance		Class A Resist ¹		ASTM C650
Stain resistance		Min Class 3		ASTM C1378

¹Avoid 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.