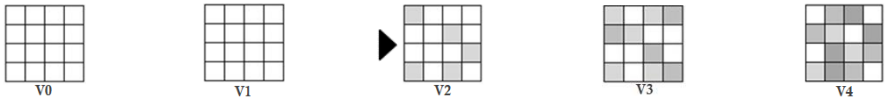
LAMOSA

Edition: 2023

SPEC SHEET

TYPE: **RED FLOOR TILE (GL)** PRODUCT: **PORTO US** COLOR: **GRAY** SIZE: **30 x 60 cm (12 x 24 in)**

TECHNICAL FEATURES				SPECIFICATION		TEST
				mm	in	
1. Dimensions	1.1	Length		600.1 ± 0.5% (or Max. ± 2.0)	23.6 ± 0.5% (or Max. ± 0.08)	ASTM C499
	1.2	Width		299.8 ± 0.5% (or Max. ± 2.0)	11.8 ± 0.5% (or Max. ± 0.08)	ASTM C499
	1.3	Thickness		8.5 ± 0.5	0.33 ± 0.02	ASTM C499
	1.4	Wedging	1.4.1 Length	600.1 ± 0.5% (or Max. ± 2.0)	23.6 ± 0.5% (or Max. ± 0.08)	ASTM C502
			1.4.2 Width	299.8 ± 0.5% (or Max. ± 2.0)	11.8 ± 0.5% (or Max. ± 0.08)	ASTM C502
	1.5	Surface flatness	1.5.1 Warpage Diagonal	670.8 ± 0.5% (or Max. ± 2.0)	26.4 ± 0.5% (or Max. ± 0.08)	ASTM C485
			1.5.2 Warpage Edge	600.1 ± 0.5% (or Max. ± 0.08)	23.6 ± 0.5% (or Max. ± 0.08)	ASTM C485

TECHNICAL FEATURES				UNITS	SPECIFICATION	TEST
2. Physical properties	2.1	Water absorption		%	3 < wa ≤ 7.0	ASTM C373
	2.2	Breaking strength		lbf	≥ 250	ASTM C648
	2.3	Visible abrasion resistance (PEI)		—	IV	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	Dynamic coefficient of friction (DCOF)	2.7.1 Dry	—	≥ 0.42	ANSI A326.3
			2.7.2 Wet	—	< 0.42	
3. Chemical properties	3.1	Chemical resistance		—	Class A (Resist[1])	ASTM C650
	3.2	Stain resistance		—	Class A	ASTM C1378
4. Shade						

Product Porto US Gray 30 x 60 cm (12 x 24 in) meets all the technical specifications established in the ANSI A137-1 Standard.

Ceramic tiles with a wet DCOF less than 0.42 (even as an example, but not limited to polished surfaces), should only be installed when the surface is kept dry when walking and proper safety procedures are followed for floor cleaning. Surfaces that should not be stepped on when wet should have a dry DCOF of 0.42 or greater.

[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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SPECS AND QUALITY STANDARDS

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