

COLORED BODY PORCELAIN TILE



Compliant with standards ANSI A137.1-2012

SIZE - THICKNESS

11^{3/4}" x 23^{5/8}" - 30x60 cm \pm 9 mm
 23^{5/8}" x 23^{5/8}" - 60x60 cm \pm 9 mm

FINISH

MATTE



V2

SLIGHT VARIATION

Clearly distinguishable differences in texture and/or pattern within similar colors.

FIELD TILES - Available in all colors

Nominal size (in)	Thickness (mm)	Finish	Rectified edge
11 3/4" x 23 5/8"	9 mm	Matte	-
23 5/8" x 23 5/8"	9 mm	Matte	Yes

MOSAICS AND COORDINATING TRIMS - Available in all colors

	Nominal size (in)	Thickness (mm)	Finish
Mosaic 2"x2"	11 3/4" x 11 3/4"	9 mm	Matte
Herringbone Mosaic 1"x4"	11 3/4" x 11 3/4"	9 mm	Matte
Bullnose 3"x24"	2 7/8" x 23 5/8"	9 mm	Matte
Cove Base 6"x12"	5 7/8" x 11 3/4"	8.5 mm (*)	Matte

Please refer to caliber chart for work sizes.
 Close joints are not recommended.
 (*): Cove Base thickness is 7 mm on flat top part.

PERFORMANCE & FEATURES

	PROPERTY	ASTM TEST METHOD	Porcelain Tile Specification				EON Floor
			Calibrated		Rectified		
			Minimum	Maximum	Minimum	Maximum	
REGULARITY CHARACTERISTICS	 Nominal Size Caliber Range (Variation from average facial dimension of sample) Thickness ⁽¹⁾	ASTM C499	-3.00%	3.00%	-3.00%	2.00%	Compliant
			-0.50% or -0.08 in (-2.0 mm) (*)	0.50% or 0.08 in (2.0 mm) (*)	-0.25% or -0.03 in (-0.8 mm) (*)	0.25% or 0.03 in (0.8 mm) (*)	Compliant
			N/A	Range: 0.40 in (1.02 mm)	N/A	Range: 0.40 in (1.02 mm)	Compliant
	 Wedging Warpage Edge Warpage Diagonal	ASTM C502	-0.50% or -0.08 in (-2.0 mm) (*)	0.50% or 0.08 in (2.0 mm) (*)	-0.25% or -0.03 in (-0.8 mm) (*)	0.25% or 0.03 in (0.8 mm) (*)	Compliant
		ASTM C485	-0.75% or -0.09 in (-2.3 mm) (*)	0.75% or 0.09 in (2.3 mm) (*)	-0.40% or -0.05 in (-1.3 mm) ⁽²⁾ or -1.8 mm ⁽³⁾ (*)	0.40% or 0.05 in (1.3 mm) ⁽²⁾ or 1.8 mm ⁽³⁾ (*)	Compliant
All Porcelain Tiles							
STRUCTURAL CHARACTERISTICS	 Water Absorption	ASTM C373	≤ 0.5%				≤ 0.5%
BULK MECHANICAL CHARACTERISTICS	 Breaking strength	ASTM C648	Average ≥ 250 lbf. (1.11 kN) Individual ≥ 225 lbf. (1.00 kN)				≥ 350 lbf. avg
PHISICAL PROPERTIES	 Bond Strength	ASTM C482	≥ 50 psi (0.34 Mpa)				≥ 100 psi
THERMAL AND IGROMETRIC CHARACTERISTICS	 Resistance to Freeze/ Thaw Cycling	ASTM C1026	As Reported				Resistant
CHEMICAL CHARACTERISTICS	 Chemical Resistance	ASTM C650	As Reported				Unaffected
	 Stain Resistance	ASTM C1378	As Reported				Unaffected
SAFETY CHARACTERISTICS	 Dynamic coefficient of friction	DCOF	Requires a minimum value of 0.42 for commercial areas that are likely to be wet				> 0.42 Wet

(*) Whichever is less

(1) May not apply to textured surfaces or tiles with uneven back patterns.

(2) Whichever is less, for tiles up to 24"x24" (610 mm x 610 mm).

(3) Applies to tiles larger than 24"x24" (610 mm x 610 mm).

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