

COLORED BODY PORCELAIN TILE



Compliant with standards ANSI A137.1-2012

SIZE - THICKNESS

76/8" x 39 3/8" - 20x100 cm ± 9 mm

FINISH

MATTE



V4

SUBSTANTIAL VARIATION

Random color and/or texture differences from tile to tile, so that one tile may have totally different colors and/or texture from that on other tiles. Thus, the final installation will be unique. It is recommended that the range be viewed before selection.

FIELD TILES - Available in all colors

Nominal size (in)	Thickness (mm)	Finish
7 6/8" x 39 3/8"	9 mm	Matte

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
Tatami Mosaic 1"x6"	11 3/4" x 11 3/4"	9 mm	Matte
Bullnose 2.5"x20"	2 3/8" x 19 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				REDEEM	
		Calibrated		Rectified			
		Minimum	Maximum	Minimum	Maximum		
REGULARITY CHARACTERISTICS		Nominal Size	-3.00%	3.00%	-3.00%	2.00%	Compliant
		Caliber Range (Variation from average facial dimension of sample)	-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
		Thickness ⁽¹⁾	N/A	Range: 0.40 in (1.02 mm)	N/A	Range: 0.40 in (1.02 mm)	Compliant
	Wedging	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
	Warpage Edge	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
	Warpage Diagonal		-0.50% or -0.08 in (-2.0 mm) (*)	0.50% or 0.08 in (2.0 mm) (*)	-0.40% or -0.07 in (-1.8 mm) (*)	0.40% or 0.07 in (1.8 mm) (*)	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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