

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

FIELD TILES - Available in all colors



SLIGHT VARIATION

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

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	ASTM C499	-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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WHITE BODY WALL TILE



Compliant with standards ANSI A137.1-2012

SIZE - THICKNESS

12^{3/8}" x 22^{1/2}" - 31.5x57 cm ± 8.5 mm
 3^{1/8}" x 12^{3/8}" - 8x31.5 cm ± 8.5 mm

FINISH

GLOSSY



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
3 1/8" x 12 3/8"	8.5 mm	Glossy
12 3/8" x 22 1/2"	8.5 mm	Glossy

MOSAICS AND COORDINATING TRIMS - Available in all colors

	Nominal size (in)	Thickness (mm)	Finish
Brick Mosaic 1"x2"	12" x 12"	8.5 mm	Glossy
Twist Mosaic 1.5"x2.5"	12" x 12"	8.5 mm	Glossy
Listello 3"x12"	3 1/8" x 12 3/8"	8.5 mm	Glossy
Wall Bullnose 2"x12"	2" x 12 3/8"	8.5 mm	Glossy
Chair Rail 2"x12"	1 7/8" x 12 3/8"	-	Glossy
Corner Line 1/2"x12"	1/2" x 12 3/8"	-	Glossy

PERFORMANCE & FEATURES

	PROPERTY	ASTM TEST METHOD	Glazed Wall Tile Specification				EON Wall
			Calibrated		Rectified		
			Minimum	Maximum	Minimum	Maximum	
REGULARITY CHARACTERISTICS	Nominal Size	ASTM C499	-2.00%	2.00%	-2.00%	2.00%	Compliant
	Caliber Range (Variation from average facial dimension of sample)		-0.30% or -0.04 in (-1.0 mm) (*)	0.30% or 0.04 in (1.0 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: 0.031 in (0.79 mm)	N/A	Range: 0.031 in (0.79 mm)	Compliant
	Wedging	ASTM C502	-0.40% or -0.05 in (-1.3 mm) (*)	0.40% or 0.05 in (-1.3 mm) (*)	-0.25% or -0.03 in (-0.8 mm) (*)	0.25% or 0.03 in (0.8 mm) (*)	Compliant
	Warpage Edge	ASTM C485	-0.30% or -0.04 in (-1.0 mm) (*)	0.40% or 0.05 in (1.3 mm) (*)	-0.30% or -0.04 in (-1.0 mm) (*)	0.40% or 0.05 in (1.3 mm) (*)	Compliant
	Warpage Diagonal		-0.30% or -0.05 in (-1.3 mm) (*)	0.40% or 0.07 in (1.8 mm) (*)	-0.30% or -0.05 in (-1.3 mm) (*)	0.40% or 0.07 in (1.8 mm) (*)	Compliant
All Glazed Wall Tile							
STRUCTURAL CHARACTERISTICS	Water Absorption	ASTM C373	≥ 10.0%				10% - 20%
BULK MECHANICAL CHARACTERISTICS	Breaking Strength	ASTM C648	Average ≥ 125 lbf. (1.11 kN) Individual ≥ 100 lbf. (0.44 kN)				≥ 175 lbf. avg
PHISICAL PROPERTIES	Bond Strength	ASTM C482	≥ 50 psi (0.34 Mpa)				≥ 100 psi
THERMAL AND IGROMETRIC CHARACTERISTICS	Crazing Resistance	ASTM C424	Pass				Resistant
	Thermal Shock Resistance	ASTM C484	Pass				Resistant
CHEMICAL CHARACTERISTICS	Chemical Resistance	ASTM C650	As Reported				Unaffected
	Stain Resistance	ASTM C1378	As Reported				Unaffected

(*) Whichever is less

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

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