

SOHO

TECHNICAL DATA || WALL TILES

ANSI A137.1: 2012 Version 1
Glazed Wall Tile, Class P4 · Non-Vitreous · 7.0% < w.a. ≤ 20.0%

Property		Test Method	Minimum	Maximum	Obs.	Results
CALIBRATED TILES						
	Nominal Size	ASTM C499	-2.00%	2.00%	-	OK
	Caliber Range	ASTM C499	-0.30% or -0.04 in (-1.0 mm)	0.30% or 0.04 in (1.0 mm)	1	± 0.25%
	Warpage Edge	ASTM C485	-0.30% or -0.04 in (-1.0 mm)	0.40% or 0.05 in (1.3 mm)	1	± 0.25%
	Warpage Diagonal	ASTM C485	-0.30% or -0.05 in (-1.3 mm)	0.40% or 0.07 in (1.8 mm)	1	± 0.25%
	Wedging	ASTM C502	-0.40% or -0.05 in (-1.3 mm)	0.40% or 0.05 in (1.3 mm)	1	± 0.25%
ALL TILES						
	Thickness	ASTM C499	N/A	Range: 0.031 in (0.79 mm)	3	± 5%
	Bond Strength	ASTM C482	≥ 50 psi (0.34 Mpa)	-	-	Conforms
	Water Absorption	ASTM C373	P4	P4	-	P4 (18.0% to 20.0%)
	Color Uniformity	ASTM C609	n.a.	V0 – 3 Judds	2	n.a.
	Crazing Resistance	ASTM C424	Pass	-	-	Resists
	Thermal Shock	ASTM C484	Pass	-	-	Resists
	Chemical Resistance	ASTM C650	As Reported	As Reported	-	GA, GLA
DCOF	DCOF	Section 9.6	-	-	-	-
	Stain Resistance	ASTM C1378	As Reported	As Reported	-	Class 5
	Breaking Strength	ASTM C648	Average ≥ 125 lbf (0.56 kN) Indiv. ≥ 100 lbf (0.44 kN)		-	≥ 0.50 kN
	Resistance to Freeze / Thaw Cycling	ASTM C1026	As Reported	As Reported	4	Non Resistant



V1 (Low Variation)

n.a. Not Applicable. **n.p.d.** No Performance Declared. **GL** Glazed Tiles. **UGL** Unglazed Tiles.

(1) Whichever is less. **(2)** Glazed Tile Only. **(3)** Class V0 Tile Only. **(4)** May not apply to textured surfaces or tiles with uneven back patterns.

(5) When installation subject to freeze / thaw conditions. **(6)** For level interior spaces expected to be walked upon when wet.

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