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TECHNICAL DATA*									
<b>ANSI A137.1: 2012 Version 1</b> Pressed Floor Tile, Class P1 - Impervious (Porcelain) - w.a. ≤ 0.5%									
<b>ANSI A137.1: 2012 Version 1</b> Glazed Wall Tile, Class P4 - Non-Vitreous - 7.0% < w.a. ≤ 20.0%									
Property	Test Method	Minimum	Maximum	Obs.	Results	Minimum	Maximum	Obs.	Results
Nominal Size	ASTM C499	-2.00%	2.00%	-	OK	-3.00%	3.00%	-	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%	-0.50% or -0.08 in (-2.0 mm)	0.50% or 0.08 in (2.0 mm)	1	± 0.05%
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%	-0.75% or -0.09 in (-2.3 mm)	0.75% or 0.09 in (2.3 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%	-0.50% or -0.08 in (-2.0 mm)	0.50% or 0.08 in (2.0 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%	-0.50% or -0.08 in (-2.0 mm)	0.50% or 0.08 in (2.0 mm)	1	± 0.25%
Thickness	ASTM C499	N/A	Range: 0.031 in (0.79 mm)	3	± 5%	N/A	Range: 0.040 in (1.02 mm)	3	± 5%
Visible Abrasion Resistance (Only GL Tiles)	ASTM C1027	-	-	-	-	As Reported	As Reported	5	See Catalog
Deep Abrasion (Only UGL Tiles)	ASTM C1243	-	-	-	-	-	See Table 11	-	< 155 mm <sup>3</sup>
Bond Strength	ASTM C482	≥ 50 psi (0.34 Mpa)	-	-	Conforms	≥ 50 psi (0.34 Mpa)	-	-	Conforms
Water Absorption	ASTM C373	P4	P4	-	P4 (18.0% to 20.0%)	0.00%	0.50%	-	P1 (up to 0.5%)
Color Uniformity	ASTM C609	n.a.	VO – 3 Juds	2	n.a.	n.a.	VO – 3 Juds	2	n.a.
Crazing Resistance	ASTM C424	Pass	-	-	Resists	Pass	-	5	Resists
Thermal Shock	ASTM C484	Pass	-	-	Resists	Pass	-	5	Resists
Chemical Resistance	ASTM C650	As Reported	As Reported	-	GA, GLA	As Reported	As Reported	-	GA, GLA
DCOF	Section 9.6	-	-	-	-	0.42	-	6	Conform
Stain Resistance	ASTM C1378	As Reported	As Reported	-	Class 5	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	Average ≥ 250 lbf (1.11 kN)	Indiv. ≥ 225 lbf (1.00 kN)	-	≥ 1.40 kN
Resistance to Freeze / Thaw Cycling	ASTM C1026	As Reported	As Reported	4	Non Resistant	As Reported	As Reported	4	Resists

\*Applicable to plain tiles only.  
(1) Which ever is less. (2) Class VO Tile Only. (3) May not apply to textured surfaces or tiles with uneven back patterns. (4) When installation subject to freeze / thaw conditions. (5) Glazed Tile Only. (6) For level interior spaces expected to be walked upon when wet. \* Which ever is less for tiles up to 24"×24" (610×610 mm). \*\* Applies to tiles larger than 24"×24" (610×610 mm).  
**DISCLAIMER:** Specifications subject to change without further notice. This information is issued as is and without any further warranty of fitness for a particular purpose, so in no event shall cinca be liable for any direct, indirect, or consequential damage whatsoever arising out of or in any way related to the use of their product.

PACKING AND WEIGHTS					
Format		Thickness	Box 		
			Pcs per Ctn	Square Feet	Pounds
Floor Tiles	12"×24"	0.394 in	6	11.70	51.10
	4"×12"	0.315 in	42	13.60	48.50
	13"×13"	0.315 in	12	14.40	49.70
Mosaic	2"×2" Hexagon Mosaic	0.315 in	9	9.55	27.60
	2"×2" Basketweave Mosaic	0.315 in	10	10	35.30
Trim Pieces	3"×13" Bullnose	0.315 in	38	-	39.70
Wall Tiles	10"×22"	0.315 in	10	14.80	41.70
	10"×22" Wave	0.315 in	10	14.80	41.70
Trim Pieces	3"×10" Bullnose	0.315 in	44	528 LF	25.20



10"×22" | 12"×24" | 4"×12" | 13"×13"  
2"×2" HEXAGON MOSAIC | 2"×2" MOSAIC





