














CMI Glazed tiles made of vitrified white body, single fired

EN14411:2006; Anexo H; grup BI _b	Standard Required by the Norm	Mean Value	Test Norm
 Dimensional characteristics	Linear dimensions	$\Delta \pm 0,6\%$ $\pm 0,2\%$	NP EN ISO 10545-2
	Orthogonality	$\Delta \pm 0,6\%$ $\pm 0,3\%$	
	Straightness of edges	$\Delta \pm 0,5\%$ $\pm 0,2\%$	
	Thickness	$\Delta \pm 5\%$ $\pm 3\%$	
 Water absorption in %	0,5% < E ≤ 3%	$\approx 1,5\%$ skirting board ≤ 3%	NP EN ISO 10545-3
 Breaking strength in N • Rupture modulus N/mm ²	(<7,5mm) ≥700N (≥7,5mm) ≥1100N ≥30 N/ mm ²	(6mm) ≥720N (7mm) ≥1050N (8.3mm) ≥1500N ≥40N/mm ²	NP EN ISO 10545-4
 Surface resistance	To inform scratch resistance rate	Indicated for each ref.	NP EN ISO 10545-7
 Resistance to hair cracking	Required	Guaranted	NP EN ISO 10545-11
 Frost resistance	Required	Frostproof	NP EN ISO 10545-12
 Resistance to household products and swimming-pool additives	Min. GB	Guaranted	NP EN ISO 10545-13
 Resistance to low/ high concentrations of acids and alkalis	To inform classification for low concentration of acid and alkalis resistance / facultative for high concentrations of acid and alkalis resistance	To be confirmed	NP EN ISO 10545-13
 Resistance to staining	Min. classe 3	Guaranted	NP EN ISO 10545-14
 Cadmium and lead release	For special surfaces (ex. kitchen counters)	Test upon request	NP EN ISO 10545-15
 Anti-slip features (slipperiness)	Test upon request	To be confirmed	DIN 51130 DIN 51097 ENV 12633

PRODUCT TESTING SERVICE

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TEST REQUESTED BY: Custom Mosaics, Inc.

TEST METHOD: ANSI A137.1-2012 Section 9.6.1: "Wet Dynamic Coefficient of Friction (DCOF)"

Informal Test Method Description: This test method covers the measurement of dynamic coefficient of friction of ceramic tile or other surfaces under the wet condition using the BOT 3000 device.

This summary is provided for the reader's convenience and is not a complete description of the method. See ANSI A137.1 Section 9.6.1 for all method details and information.

TEST SUBJECT MATERIAL: Identified by client as: "105-DM52-2050"
Approximate Size as Received: 6"x6"
Product color: N/A

TEST DATE: 7/20/2015

TEST PROCEDURE:

- Sample Prep: None
- The tiles were cleaned with Renovator #120 prior to testing.
- Three (3) pieces of tile were tested in all four directions with 6" long measurements.
- The SBR sensor was verified using a standard tile prior to testing.
- Testing was performed under wet conditions using 0.05% SLS water
- Testing was conducted under laboratory conditions at approximately 70°F and 50% relative humidity using a calibrated BOT 3000E device.

TEST RESULTS:

The individual and average DCOF data for each tile were as follows:

Direction	Tile 1	Tile 2	Tile 3
Direction 1	0.95	0.93	0.96
Direction 2	0.90	0.95	0.92
Direction 3	0.93	0.94	0.90
Direction 4	0.90	0.89	0.92
Average	0.92	0.93	0.93

COMMENTS: None


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7/28/2015