



CENTRO CERAMICO BOLOGNA

CENTRO DI RICERCA E SPERIMENTAZIONE PER L'INDUSTRIA CERAMICA

VIA MARTELLI, 26 – 40138 **BOLOGNA** – TEL. 051/534015 – FAX 051/530085

TECHNICAL CHARACTERISTICS ACCORDING TO ANSI A 137.2
of mesh mounted **Miniature mosaic glass tiles** “2,0 x 2,0 x 0,4 cm (3/4"x 3/4"x 1/7").
Glass Mosaic Collection , Vitrex spa

Note: the tiles are bulk colored and/or decorated. The sheets can be blended with varying glass tile colors and decorative effects. The same tests were carried out (when applicable) to have a complete picture of the performance of a sheet.

Characteristics	Test method	Requirements ANSI A 137.2	Results ⁽¹⁾ (Average value)
Water absorption	ASTM C 373	$\leq 0,5 \%$	0,01 %
Compressive strength	ANSI A 137.2 - § 7.8	Average Value > 2500 PSI (17,24 N/mm ²)	4411 PSI (30,45N/mm²)
Resistance to surface abrasion (PEI)	ASTM C 1027	As reported	Class from 4 to 5 (depending on the color)
Linear Thermal exp. Coeff. x 10 ⁻⁶ K ⁻¹	ASTM C 372	As reported	8,5 – 8,6
Thermal shock	ANSI A 137.2 - § 7.9	Required	Pass
Crazing resistance ⁽²⁾	ASTM C 424	Required	Pass
Resistance to freeze/thaw cycling	ASTM C 1026	Required	Pass
Bond strength ⁽³⁾	ASTM C 482	Dry ≥ 150 PSI (1 N/mm ²) Wet ≥ 100 PSI (0,7 N/mm ²)	Dry: 315 PSI (2,17 N/mm²) Wet: 295 PSI (2,04 N/mm²)
Chemical resistance	ASTM C 650	As reported	Pass
Stain resistance	ASTM C 1378	As reported	Cleanable
Dimensional regularity	ASTM C 499	Nominal size: + 10% Caliber range: + 5% Thickness range: 0,30in (0,76 mm)	Complies
Static coefficient of friction (SCOF)	ASTM C 1028	As reported	More than 0,60 in dry and wet condition

(1) Test reports by **Centro Ceramico Bologna**

(2) Amended as set out in ANSI A 137.2 - § 5.2.3.2

(3) Bonding material: Adesilex P10 – Mapei.

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