

TEST REPORT

Name of Sample	MVG1125, MVG1127	Size	99,55 x 99,55 x 10
Reference Rules	ISO-13006:2012 and UNE EN 14411:2013	Group	Bla-GL
Type of Product	Dry-pressed Ceramic tiles, with water absorption $E_b \leq 0,5\%$ type porcelain	Use	For walls and flooring, internal and external
Name	Mood Blue & Green Natural	Production Batch	08/11/2019

Characteristics	Test Method	Requirements	Values Compliance
Dimensional and Surface Quality			
Length & Width	EN ISO 10545-2	$\pm 0,6\%$ ó $\pm 2,0$ mm	$\pm 0,2\%$
Straightness of Sides	EN ISO 10545-2	$\pm 0,5\%$ ó $\pm 1,5$ mm	$\pm 0,2\%$
Rectangularity	EN ISO 10545-2	$\pm 0,5\%$ ó $\pm 2,0$ mm	$\pm 0,2\%$
Surface Flatness	EN ISO 10545-2	$\pm 0,5\%$ ó $\pm 2,0$ mm	$\pm 0,2\%$
Thickness	EN ISO 10545-2	$\pm 5,0\%$ ó $\pm 0,5$ mm	$\pm 5,0\%$
Physical Properties			
Water Absorption	EN ISO 10545-3	$E_b \leq 0,5\%$	$E_b \leq 0,2\%$
Breaking Strength	EN ISO 10545-4	Minimum 1300N	≥ 2200 N
Flexural Tensile Strength	EN ISO 10545-4	Minimum 35 N/mm ²	≥ 42 N/mm ²
Surface Abrasion Resistance	EN ISO 10545-7	Declared Value	CLASS4
Linear Thermal Expansion	EN ISO 10545-8	Declared Value	$6.1 - 6.9 \times 10^{-6} (^{\circ}\text{C}^{-1})$
Thermal Shock Resistance	EN ISO 10545-9	Required	PASS
Crazing Resistance	EN ISO 10545-11	Required	PASS
Frost Resistance (internal and external use)	EN ISO 10545-12	Required	PASS
Bond Strength/ Adhesion (Cementitious adhesives)	EN 12004:2007+A1:2012,4.1	Declared Value	Type C2 > 1 N/mm ²
Reaction to Fire		Class A1 FL/A1	A1 FL/A1
Chemical Properties			
Chemical Resistance (household chemicals and swimming pool salts)	EN ISO 10545-13	Minimum GB	GA
Resistance to Staining - Glazed Tiles	EN ISO 10545-14	Minimum 3	5

Important Notes:

The results in this report apply to the samples only.