

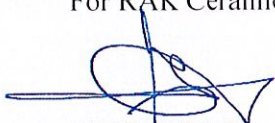
TECHNICAL SPECIFICATION

MODEL / REFERENCE	: A12GTCMB-OXV.X0X5P (TECH MARBLE ONYX VENATO)
NOMINAL SIZE	: 60 X 120 CM (RECTIFIED)
NOMINAL THICKNESS	: 9.0 MM
TYPE OF PRODUCT	: GRES PORCELLANATO TILE
NATURE OF SURFACE	: UNGLAZED / POLISHED
GROUP	: BIa
REF. STANDARD	: INTERNATIONAL STANDARD ISO 13006:2018

TEST DESCRIPTION	STANDARD TEST METHOD	STANDARD REQUIREMENTS	RAK CERAMICS SPECIFICATION
Surface Quality	BS EN ISO 10545 - 2	A minimum of 95% of the tiles are to be free from visible defects	Minimum of 95% of the tiles are free from visible defects
Length	BS EN ISO 10545 - 2	± 1.0 mm	± 1.0 mm
Width	BS EN ISO 10545 - 2	± 1.0 mm	± 0.6 mm
Thickness	BS EN ISO 10545 - 2	± 0.5 mm	± 0.4 mm
Straightness of Sides	BS EN ISO 10545 - 2	± 0.8 mm	± 0.8 mm
Rectangularity	BS EN ISO 10545 - 2	± 1.5 mm	± 1.2 mm
Surface Flatness: Center Curvature	BS EN ISO 10545 - 2	± 1.8 mm	± 1.8 mm
Surface Flatness: Edge Curvature	BS EN ISO 10545 - 2	± 1.8 mm	± 1.5 mm
Surface Flatness: Warpage	BS EN ISO 10545 - 2	± 1.8 mm	± 1.5 mm
Water Absorption	BS EN ISO 10545 - 3	≤ 0.5 %	≤ 0.1 %
Breaking Strength	BS EN ISO 10545 - 4	≥ 1300 N	≥ 2000 N
Modulus of Rupture	BS EN ISO 10545 - 4	≥ 35 N/mm ²	≥ 40 N/mm ²
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm ³	≤ 140 mm ³
Coefficient of Linear Thermal Expansion	BS EN ISO 10545 - 8	Test method available	≤ 7 X 10 ⁻⁶ /°C
Resistance to Thermal Shock	BS EN ISO 10545 - 9	Test method available	No visible defect
Frost Resistance	BS EN ISO 10545 - 12	Required	No visible damage
Resistance to household chemicals & swimming pool salts	BS EN ISO 10545 - 13	Minimum Class B	Class A No visible effect
Resistance to low concentrations acids & alkalis	BS EN ISO 10545 - 13	Manufacturer to state classification	Min. Class LB
Resistance to high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Min. Class HB
Resistance to Stains	BS EN ISO 10545 - 14	Test method available	Min. Class 2 Stains removed

NOTE: This Technical Specification is applicable only to tiles in Choice "A".

Signed:
For RAK Ceramics PJSC


RUEL PEREZ
VP - QA/QC

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