RAK
CERAMICS

TECHNICAL SPECIFICATION

MODEL / REFERENCE : AGB06EVQMGRYZMSNLR
NOMINAL SIZE : 60 X 60 CM (RECTIFIED)
NOMINAL THICKNESS : 9.0 MM
TYPE OF PRODUCT : GRES PORCELLANATO TILE
NATURE OF SURFACE : GLAZED / MATT
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 & 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	± 1.5 mm
Surface Flatness: Edge Curvature	BS EN ISO 10545 - 2	± 1.8 mm	± 1.2 mm
Surface Flatness: Warpage	BS EN ISO 10545 - 2	± 1.8 mm	± 1.2 mm
Water Absorption	BS EN ISO 10545 - 3	≤ 0.5 %	≤ 0.4 %
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 Surface Abrasion	BS EN ISO 10545 - 7	Report abrasion class	PEI Class 4
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
Crazing Resistance	BS EN ISO 10545 - 11	Required	No crazing
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	Class LA No visible effect
Resistance to Staining	BS EN ISO 10545 - 14	Minimum Class 3	Min. Class 4 Stains removed
Slip Resistance by Ramp Test	DIN 51130	-	R10

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

Signed:
For RAK Ceramics PJSC

RUEL PEREZ
VP - QA/QC
Date of Issue: 23/06/2021

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TECHNICAL SPECIFICATION

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NOMINAL SIZE : 60 X 60 CM (RECTIFIED)
NOMINAL THICKNESS : 9.0 MM
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NATURE OF SURFACE : GLAZED / LAPPATO
GROUP : BIa
REF. STANDARD : INTERNATIONAL STANDARD ISO 13006:2018

TEST DESCRIPTION	STANDARD TEST METHOD	STANDARD REQUIREMENTS	RAK CERAMICS SPECIFICATION
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Thickness	BS EN ISO 10545 - 2	± 0.5 mm	± 0.4 mm
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Water Absorption	BS EN ISO 10545 - 3	≤ 0.5 %	≤ 0.4 %
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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
Crazing Resistance	BS EN ISO 10545 - 11	Required	No crazing
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	Class LA No visible effect
Resistance to Staining	BS EN ISO 10545 - 14	Minimum Class 3	Min. Class 3 Stains removed
Slip Resistance by Ramp Test	DIN 51130	-	R9

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

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