

TECHNICAL SPECIFICATION

MODEL	: 9GP SURFACE SERIES (ART-TEC)
NOMINAL SIZE	: 30 X 60 CM (RECTIFIED)
THICKNESS	: 9.0 MM
TYPE OF PRODUCT	: GRES PORCELLANATO TILE
NATURE OF SURFACE	: GLAZED / MATT / LAPPATO
GROUP	: Bla
REF. STANDARD	: BRITISH STANDARD / EUROPEAN NORM - BS EN 14411:2016

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	± 2.0 mm	± 0.6 mm
Width	BS EN ISO 10545 - 2	± 2.0 mm	± 0.4 mm
Thickness	BS EN ISO 10545 - 2	± 0.5 mm	± 0.5 mm
Straightness of Sides	BS EN ISO 10545 - 2	± 1.5 mm	± 0.8 mm
Rectangularity	BS EN ISO 10545 - 2	± 2.0 mm	± 1.2 mm
Surface Flatness: Center Curvature	BS EN ISO 10545 - 2	± 2.0 mm	± 1.5 mm
Surface Flatness: Edge Curvature	BS EN ISO 10545 - 2	± 2.0 mm	± 1.2 mm
Surface Flatness: Warpage	BS EN ISO 10545 - 2	± 2.0 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
Coefficient of Linear Thermal Expansion	BS EN ISO 10545 - 8	Declared value	≤ 7 X 10 ⁻⁶ /°C
Resistance to Thermal Shock	BS EN ISO 10545 - 9	Pass	Pass (No visible defect)
Crazing Resistance	BS EN ISO 10545 - 11	Pass	Pass (No crazing)
Frost Resistance	BS EN ISO 10545 - 12	Pass	Pass (No visible damage)
Resistance to Household Chemicals & Swimming Pool Salts	BS EN ISO 10545 - 13	Minimum Class B (V)	Class A (V) (No visible effect)
Resistance to Low Concentrations Acids & Alkalis	BS EN ISO 10545 - 13	Declared value	Class LA (V) (No visible effect)
Resistance to Stains	BS EN ISO 10545 - 14	Minimum Class 3	Min. Class 4 Stains removed

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: 26/02/2020

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TECHNICAL SPECIFICATION

MODEL	: 6GP SURFACE SERIES (ART-TEC)
NOMINAL SIZE	: 60 X 60 CM (RECTIFIED)
THICKNESS	: 9.0 MM
TYPE OF PRODUCT	: GRES PORCELLANATO TILE
NATURE OF SURFACE	: GLAZED / MATT / LAPPATO
GROUP	: Bla
REF. STANDARD	: BRITISH STANDARD / EUROPEAN NORM - BS EN 14411:2016

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	± 2.0 mm	± 0.6 mm
Thickness	BS EN ISO 10545 - 2	± 0.5 mm	± 0.5 mm
Straightness of Sides	BS EN ISO 10545 - 2	± 1.5 mm	± 0.8 mm
Rectangularity	BS EN ISO 10545 - 2	± 2.0 mm	± 1.2 mm
Surface Flatness: Center Curvature	BS EN ISO 10545 - 2	± 2.0 mm	± 1.5 mm
Surface Flatness: Edge Curvature	BS EN ISO 10545 - 2	± 2.0 mm	± 1.2 mm
Surface Flatness: Warpage	BS EN ISO 10545 - 2	± 2.0 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
Coefficient of Linear Thermal Expansion	BS EN ISO 10545 - 8	Declared value	≤ 7 X 10 ⁻⁶ /°C
Resistance to Thermal Shock	BS EN ISO 10545 - 9	Pass	Pass (No visible defect)
Crazing Resistance	BS EN ISO 10545 - 11	Pass	Pass (No crazing)
Frost Resistance	BS EN ISO 10545 - 12	Pass	Pass (No visible damage)
Resistance to Household Chemicals & Swimming Pool Salts	BS EN ISO 10545 - 13	Minimum Class B (V)	Class A (V) (No visible effect)
Resistance to Low Concentrations Acids & Alkalis	BS EN ISO 10545 - 13	Declared value	Class LA (V) (No visible effect)
Resistance to Stains	BS EN ISO 10545 - 14	Minimum Class 3	Min. Class 4 Stains removed

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

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TECHNICAL SPECIFICATION


MODEL	: 6GP SURFACE SERIES (ART-TEC)
NOMINAL SIZE	: 60 X 60 CM (RECTIFIED)
THICKNESS	: 20.0 MM
TYPE OF PRODUCT	: GRES PORCELLANATO TILE
NATURE OF SURFACE	: GLAZED / MATT / LAPPATO
GROUP	: Bla
REF. STANDARD	: BRITISH STANDARD / EUROPEAN NORM - BS EN 14411:2016

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	± 2.0 mm	± 0.6 mm
Thickness	BS EN ISO 10545 - 2	± 0.5 mm	± 0.5 mm
Straightness of Sides	BS EN ISO 10545 - 2	± 1.5 mm	± 0.8 mm
Rectangularity	BS EN ISO 10545 - 2	± 2.0 mm	± 1.2 mm
Surface Flatness: Center Curvature	BS EN ISO 10545 - 2	± 2.0 mm	± 1.5 mm
Surface Flatness: Edge Curvature	BS EN ISO 10545 - 2	± 2.0 mm	± 1.2 mm
Surface Flatness: Warpage	BS EN ISO 10545 - 2	± 2.0 mm	± 1.2 mm
Water Absorption	BS EN ISO 10545 - 3	≤ 0.5 %	≤ 0.4 %
Breaking Strength	BS EN ISO 10545 - 4	≥ 1300 N	≥ 10000 N
Modulus of Rupture	BS EN ISO 10545 - 4	≥ 35 N/mm ²	≥ 35 N/mm ²
Coefficient of Linear Thermal Expansion	BS EN ISO 10545 - 8	Declared value	≤ 7 X 10 ⁻⁶ /°C
Resistance to Thermal Shock	BS EN ISO 10545 - 9	Pass	Pass (No visible defect)
Crazing Resistance	BS EN ISO 10545 - 11	Pass	Pass (No crazing)
Frost Resistance	BS EN ISO 10545 - 12	Pass	Pass (No visible damage)
Resistance to Household Chemicals & Swimming Pool Salts	BS EN ISO 10545 - 13	Minimum Class B (V)	Class A (V) (No visible effect)
Resistance to Low Concentrations Acids & Alkalis	BS EN ISO 10545 - 13	Declared value	Class LA (V) (No visible effect)
Resistance to Stains	BS EN ISO 10545 - 14	Minimum Class 3	Min. Class 4 Stains removed

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

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TECHNICAL SPECIFICATION

MODEL	: 12GP SURFACE SERIES (ART-TEC)
NOMINAL SIZE	: 60 X 120 CM (RECTIFIED)
THICKNESS	: 9.0 MM
TYPE OF PRODUCT	: GRES PORCELLANATO TILE
NATURE OF SURFACE	: GLAZED / MATT / LAPPATO
GROUP	: Bla
REF. STANDARD	: BRITISH STANDARD / EUROPEAN NORM - BS EN 14411:2016

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	± 2.0 mm	± 1.0 mm
Width	BS EN ISO 10545 - 2	± 2.0 mm	± 0.6 mm
Thickness	BS EN ISO 10545 - 2	± 0.5 mm	± 0.5 mm
Straightness of Sides	BS EN ISO 10545 - 2	± 1.5 mm	± 0.8 mm
Rectangularity	BS EN ISO 10545 - 2	± 2.0 mm	± 1.2 mm
Surface Flatness: Center Curvature	BS EN ISO 10545 - 2	± 2.0 mm	± 1.8 mm
Surface Flatness: Edge Curvature	BS EN ISO 10545 - 2	± 2.0 mm	± 1.5 mm
Surface Flatness: Warpage	BS EN ISO 10545 - 2	± 2.0 mm	± 1.5 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
Coefficient of Linear Thermal Expansion	BS EN ISO 10545 - 8	Declared value	≤ 7 X 10 ⁻⁶ /°C
Resistance to Thermal Shock	BS EN ISO 10545 - 9	Pass	Pass (No visible defect)
Crazing Resistance	BS EN ISO 10545 - 11	Pass	Pass (No crazing)
Frost Resistance	BS EN ISO 10545 - 12	Pass	Pass (No visible damage)
Resistance to Household Chemicals & Swimming Pool Salts	BS EN ISO 10545 - 13	Minimum Class B (V)	Class A (V) (No visible effect)
Resistance to Low Concentrations Acids & Alkalis	BS EN ISO 10545 - 13	Declared value	Class LA (V) (No visible effect)
Resistance to Stains	BS EN ISO 10545 - 14	Minimum Class 3	Min. Class 4 Stains removed

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

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