

TECHNICAL SPECIFICATION


MODEL	: 9GP LOUNGE SERIES (S0R) (FUTURA)
NOMINAL SIZE	: 30 X 60 CM (RECTIFIED)
THICKNESS	: 9.5 MM
TYPE OF PRODUCT	: GRES PORCELLANATO TILE
NATURE OF SURFACE	: UNGLAZED / MATT
GROUP	: BIa
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 %	≤ 0.1 %
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	≤ 150 mm ³
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
Frost Resistance	BS EN ISO 10545 - 12	Pass	Pass
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Declared value	Class HA (V) No visible effect
Resistance to Stains	BS EN ISO 10545 - 14	Declared value	Min. Class 3 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: 23/02/2020

RAK Ceramics PJSC
P.O. Box 4714
Ras Al Khaimah
United Arab Emirates

Tel. +971 7 246 7000
Fax. +971 7 244 5270

RAKCERAMICS.COM

TECHNICAL SPECIFICATION

MODEL	: 9GP LOUNGE SERIES (U2R) (FUTURA)
NOMINAL SIZE	: 30 X 60 CM (RECTIFIED)
THICKNESS	: 9.5 MM
TYPE OF PRODUCT	: GRES PORCELLANATO TILE
NATURE OF SURFACE	: UNGLAZED / RUSTIC
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 %	≤ 0.1 %
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	≤ 150 mm ³
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
Frost Resistance	BS EN ISO 10545 - 12	Pass	Pass
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Declared value	Class HA (V) No visible effect
Resistance to Stains	BS EN ISO 10545 - 14	Declared value	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

Date of Issue: 23/02/2020



RAK Ceramics PJSC
P.O. Box 4714
Ras Al Khaimah
United Arab Emirates

Tel. +971 7 246 7000
Fax. +971 7 244 5270

RAKCERAMICS.COM

TECHNICAL SPECIFICATION

MODEL	: 9GP LOUNGE SERIES (X0P) (FUTURA)
NOMINAL SIZE	: 30 X 60 CM (RECTIFIED)
THICKNESS	: 9.0 MM
TYPE OF PRODUCT	: GRES PORCELLANATO TILE
NATURE OF SURFACE	: UNGLAZED / POLISHED
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 %	≤ 0.1 %
Breaking Strength	BS EN ISO 10545 - 4	≥ 1300 N	≥ 1800 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	≤ 150 mm ³
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
Frost Resistance	BS EN ISO 10545 - 12	Pass	Pass
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Declared value	Class HA (V) No visible effect
Resistance to Stains	BS EN ISO 10545 - 14	Declared value	Min. Class 2 Stains removed

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

Signed:
For RAK Ceramics PJSC



RUDEL PEREZ
VP - QA/QC

Date of Issue: 23/02/2020



RAK Ceramics PJSC
P.O. Box 4714
Ras Al Khaimah
United Arab Emirates

Tel. +971 7 246 7000
Fax. +971 7 244 5270

RAKCERAMICS.COM

TECHNICAL SPECIFICATION

MODEL	: 6GP LOUNGE SERIES (S0R) (FUTURA)
NOMINAL SIZE	: 60 X 60 CM (RECTIFIED)
THICKNESS	: 10.0 MM
TYPE OF PRODUCT	: GRES PORCELLANATO TILE
NATURE OF SURFACE	: UNGLAZED / MATT
GROUP	: BIa
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 %	≤ 0.1 %
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	≤ 150 mm ³
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
Frost Resistance	BS EN ISO 10545 - 12	Pass	Pass
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Declared value	Class HA (V) No visible effect
Resistance to Stains	BS EN ISO 10545 - 14	Declared value	Min. Class 3 Stains removed

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

Signed:
For RAK Ceramics PJSC



RUDEL PEREZ
VP - QA/QC

Date of Issue: 23/02/2020

RAK Ceramics PJSC
P.O. Box 4714
Ras Al Khaimah
United Arab Emirates

Tel. +971 7 246 7000
Fax. +971 7 244 5270

RAKCERAMICS.COM

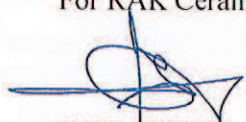
TECHNICAL SPECIFICATION

MODEL	: 6GP LOUNGE SERIES (U2R) (FUTURA)
NOMINAL SIZE	: 60 X 60 CM (RECTIFIED)
THICKNESS	: 10.0 MM
TYPE OF PRODUCT	: GRES PORCELLANATO TILE
NATURE OF SURFACE	: UNGLAZED / RUSTIC
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 %	≤ 0.1 %
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	≤ 150 mm ³
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
Frost Resistance	BS EN ISO 10545 - 12	Pass	Pass
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Declared value	Class HA (V) No visible effect
Resistance to Stains	BS EN ISO 10545 - 14	Declared value	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

Date of Issue: 23/02/2020



RAK Ceramics PJSC
P.O. Box 4714
Ras Al Khaimah
United Arab Emirates

Tel. +971 7 246 7000
Fax. +971 7 244 5270

RAKCERAMICS.COM

TECHNICAL SPECIFICATION

MODEL	: 6GP LOUNGE SERIES (X0P) (FUTURA)
NOMINAL SIZE	: 60 X 60 CM (RECTIFIED)
THICKNESS	: 9.2 MM
TYPE OF PRODUCT	: GRES PORCELLANATO TILE
NATURE OF SURFACE	: UNGLAZED / POLISHED
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 %	≤ 0.1 %
Breaking Strength	BS EN ISO 10545 - 4	≥ 1300 N	≥ 1800 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	≤ 150 mm ³
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
Frost Resistance	BS EN ISO 10545 - 12	Pass	Pass
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Declared value	Class HA (V) No visible effect
Resistance to Stains	BS EN ISO 10545 - 14	Declared value	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

Date of Issue: 23/02/2020

RAK Ceramics PJSC
P.O. Box 4714
Ras Al Khaimah
United Arab Emirates

Tel. +971 7 246 7000
Fax. +971 7 244 5270