

## TECHNICAL SPECIFICATION

<b>MODEL / REFERENCE</b>	: A00G83-WH0.M0F
<b>NOMINAL SIZE</b>	: 30 X 30 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 8.5 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: GLAZED / SATIN
<b>GROUP</b>	: BIa
<b>REF. STANDARD</b>	: 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	± 0.3 %	± 0.15 %
Thickness	BS EN ISO 10545 - 2	± 5 %	± 5 %
Straightness of Sides	BS EN ISO 10545 - 2	± 0.3 %	± 0.2 %
Rectangularity	BS EN ISO 10545 - 2	± 0.3 %	± 0.2 %
Surface Flatness: Center Curvature	BS EN ISO 10545 - 2	± 0.4 %	± 0.3 %
Surface Flatness: Edge Curvature	BS EN ISO 10545 - 2	± 0.4 %	± 0.3 %
Surface Flatness: Warpage	BS EN ISO 10545 - 2	± 0.4 %	± 0.3 %
Water Absorption	BS EN ISO 10545 - 3	≤ 0.5 %	≤ 0.4 %
Breaking Strength	BS EN ISO 10545 - 4	≥ 1300 N	≥ 1600 N
Modulus of Rupture	BS EN ISO 10545 - 4	≥ 35 N/mm <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
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 <sup>-6</sup> /°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 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: 12/12/2023



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## TECHNICAL SPECIFICATION

<b>MODEL / REFERENCE</b>	: A00GPYCR-GRY.M0X0R
<b>NOMINAL SIZE</b>	: 30 X 30 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 8.5 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: GLAZED / MATT
<b>GROUP</b>	: BIa
<b>REF. STANDARD</b>	: 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	± 0.3 %	± 0.15 %
Thickness	BS EN ISO 10545 - 2	± 5 %	± 5 %
Straightness of Sides	BS EN ISO 10545 - 2	± 0.3 %	± 0.2 %
Rectangularity	BS EN ISO 10545 - 2	± 0.3 %	± 0.2 %
Surface Flatness: Center Curvature	BS EN ISO 10545 - 2	± 0.4 %	± 0.3 %
Surface Flatness: Edge Curvature	BS EN ISO 10545 - 2	± 0.4 %	± 0.3 %
Surface Flatness: Warpage	BS EN ISO 10545 - 2	± 0.4 %	± 0.3 %
Water Absorption	BS EN ISO 10545 - 3	≤ 0.5 %	≤ 0.4 %
Breaking Strength	BS EN ISO 10545 - 4	≥ 1300 N	≥ 1600 N
Modulus of Rupture	BS EN ISO 10545 - 4	≥ 35 N/mm <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Surface Abrasion	BS EN ISO 10545 - 7	Report abrasion class	PEI Class 3
Coefficient of Linear Thermal Expansion	BS EN ISO 10545 - 8	Test method available	≤ 7 X 10 <sup>-6</sup> /°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 Stains	BS EN ISO 10545 - 14	Minimum Class 3	Min. Class 4 Stains removed

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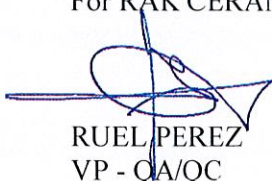
## TECHNICAL SPECIFICATION

<b>MODEL / REFERENCE</b>	: A41WSUBY-WHE.G0X0U
<b>NOMINAL SIZE</b>	: 10 X 40 CM
<b>NOMINAL THICKNESS</b>	: 8.5 MM
<b>TYPE OF PRODUCT</b>	: WHITE BODY CERAMIC TILE
<b>NATURE OF SURFACE</b>	: GLAZED / GLOSSY
<b>GROUP</b>	: BIII
<b>REF. STANDARD</b>	: 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	± 0.6 %	± 0.3 %
Width	BS EN ISO 10545 - 2	± 0.6 %	± 0.5 %
Thickness	BS EN ISO 10545 - 2	± 10 %	± 5 %
Straightness of Sides	BS EN ISO 10545 - 2	± 0.5 %	± 0.3 %
Rectangularity	BS EN ISO 10545 - 2	± 0.5 %	± 0.4 %
Center Curvature	BS EN ISO 10545 - 2	± 0.5 %	± 0.3 %
Edge Curvature	BS EN ISO 10545 - 2	± 0.5 %	± 0.3 %
Warpage	BS EN ISO 10545 - 2	± 0.5 %	± 0.3 %
Water Absorption	BS EN ISO 10545 - 3	10 % < $E_V$ ≤ 20 %	10 % < $E_V$ ≤ 18 %
Breaking Strength	BS EN ISO 10545 - 4	Minimum 600 N	≥ 650 N
Modulus of Rupture	BS EN ISO 10545 - 4	Minimum 12 N/mm <sup>2</sup>	≥ 16 N/mm <sup>2</sup>
Resistance to Surface Abrasion	BS EN ISO 10545 - 7	Manufacturer to state abrasion class	PEI Class 4
Coefficient of Linear Thermal Expansion	BS EN ISO 10545 - 8	Test method available	≤ 7 X 10 <sup>-6</sup> /°C
Thermal Shock Resistance	BS EN ISO 10545 - 9	Test method available	No visible defect
Crazing Resistance	BS EN ISO 10545 - 11	Required	No crazing
Resistance to Household Chemicals & Swimming Pools 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	Test method available	Class LA 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  
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## TECHNICAL SPECIFICATION

<b>MODEL / REFERENCE</b>	: A07GZTNR-LGY.M0R
<b>NOMINAL SIZE</b>	: 40 X 40 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.5 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: GLAZED / MATT
<b>GROUP</b>	: Bla
<b>REF. STANDARD</b>	: 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	± 0.5 mm
Straightness of Sides	BS EN ISO 10545 - 2	± 0.8 mm	± 0.8 mm
Rectangularity	BS EN ISO 10545 - 2	± 1.5 mm	± 1.0 mm
Surface Flatness: Center Curvature	BS EN ISO 10545 - 2	± 1.8 mm	± 1.2 mm
Surface Flatness: Edge Curvature	BS EN ISO 10545 - 2	± 1.8 mm	± 1.0 mm
Surface Flatness: Warpage	BS EN ISO 10545 - 2	± 1.8 mm	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Surface Abrasion	BS EN ISO 10545 - 7	Manufacturer to state abrasion class	PEI Class 4
Coefficient of Linear Thermal Expansion	BS EN ISO 10545 - 8	Test method available	≤ 7 X 10 <sup>-6</sup> /°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 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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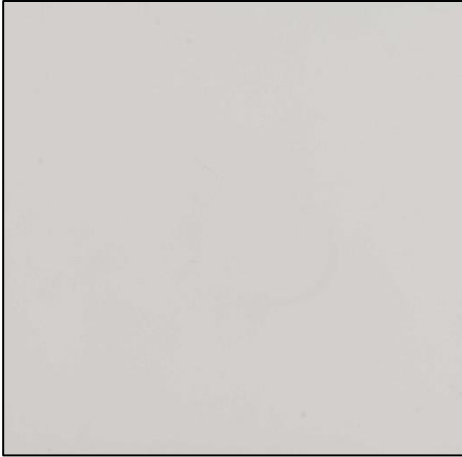
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# RSG KAFD PARCEL, RIYADH

**A00G83-WH0.M0F**

TFG-00-GPG83 WHITE-SAT  
30X30



**A00GPYCR-GRY.M0X0R**

TFG-00-PLAY CONCRETE GRAY-RT  
30X30



**A41WSUBY-WHE.G0X0U**

TFG-41-SUBWAY WHITE-UR  
10X40



**A07GZTNR-LGY.M0R**

TORNADO LIGHT GREY  
40X40

