

## TECHNICAL SPECIFICATION

<b>MODEL / REFERENCE</b>	: A12GTCMB-BTV.X0X5P (TECH-MARBLE-BEIGE TRAVERTINO)
<b>NOMINAL SIZE</b>	: 60 X 120 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.0 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: UNGLAZED / POLISHED
<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	± 1.0 mm	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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

<b>MODEL / REFERENCE</b>	: A12GTCMB-BTV.O0X5P (TECH-MARBLE-BEIGE TRAVERTINO)
<b>NOMINAL SIZE</b>	: 60 X 120 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.0 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: UNGLAZED / HONED
<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	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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

<b>MODEL / REFERENCE</b>	: A12GTCMB-CCA.X0X5P (TECH-MARBLE-CALACATTA AFRICA)
<b>NOMINAL SIZE</b>	: 60 X 120 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.0 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: UNGLAZED / POLISHED
<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	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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

<b>MODEL / REFERENCE</b>	: A12GTCMB-CCA.00X5P (TECH-MARBLE-CALACATTA AFRICA)
<b>NOMINAL SIZE</b>	: 60 X 120 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.0 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: UNGLAZED / HONED
<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	± 1.0 mm	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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

<b>MODEL / REFERENCE</b>	: A12GTCMB-GSK.X0X5P (TECH-MARBLE-GREY SILK)
<b>NOMINAL SIZE</b>	: 60 X 120 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.0 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: UNGLAZED / POLISHED
<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	± 1.0 mm	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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

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



## TECHNICAL SPECIFICATION

<b>MODEL / REFERENCE</b>	: A12GTCMB-GSK.O0X5P (TECH-MARBLE-GREY SILK)
<b>NOMINAL SIZE</b>	: 60 X 120 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.0 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: UNGLAZED / HONED
<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	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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

<b>MODEL / REFERENCE</b>	: A12GTCMB-OXV.X0X5P (TECH-MARBLE-ONYX VENATO)
<b>NOMINAL SIZE</b>	: 60 X 120 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.0 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: UNGLAZED / POLISHED
<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	± 1.0 mm	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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

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



## TECHNICAL SPECIFICATION

**MODEL / REFERENCE** : A12GTCMB-OXV.00X5P (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 / HONED  
**GROUP** : Bla  
**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	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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

<b>MODEL / REFERENCE</b>	: A12GTCMB-PSB.X0X5P (TECH-MARBLE-PALISSANDRO)
<b>NOMINAL SIZE</b>	: 60 X 120 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.0 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: UNGLAZED / POLISHED
<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	± 1.0 mm	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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](http://RAKCERAMICS.COM)




## TECHNICAL SPECIFICATION

<b>MODEL / REFERENCE</b>	: A12GTCMB-PSB.00X5P (TECH-MARBLE-PALISSANDRO)
<b>NOMINAL SIZE</b>	: 60 X 120 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.0 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: UNGLAZED / HONED
<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	± 1.0 mm	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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



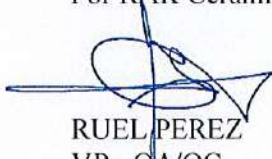
## TECHNICAL SPECIFICATION

<b>MODEL / REFERENCE</b>	: A12GTCMB-SRT.X0X5P (TECH-MARBLE-SILVER TRAVERTINO)
<b>NOMINAL SIZE</b>	: 60 X 120 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.0 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: UNGLAZED / POLISHED
<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	± 1.0 mm	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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



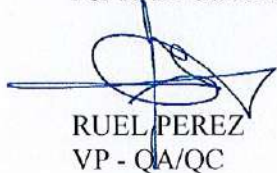
## TECHNICAL SPECIFICATION

**MODEL / REFERENCE** : A12GTCMB-SRT.O0X5P (TECH-MARBLE-SILVER TRAVERTINO)  
**NOMINAL SIZE** : 60 X 120 CM (RECTIFIED)  
**NOMINAL THICKNESS** : 9.0 MM  
**TYPE OF PRODUCT** : GRES PORCELLANATO TILE  
**NATURE OF SURFACE** : UNGLAZED / HONED  
**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	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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

<b>MODEL / REFERENCE</b>	: A12GTCMB-SUW.X0X5P (TECH-MARBLE-SUPREME WHITE)
<b>NOMINAL SIZE</b>	: 60 X 120 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.0 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: UNGLAZED / POLISHED
<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	± 1.0 mm	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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

<b>MODEL / REFERENCE</b>	: A12GTCMB-SUW.00X5P (TECH-MARBLE-SUPREME WHITE)
<b>NOMINAL SIZE</b>	: 60 X 120 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.0 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: UNGLAZED / HONED
<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	± 1.0 mm	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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



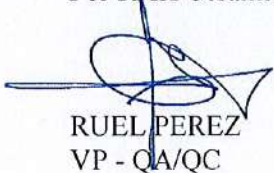
## TECHNICAL SPECIFICATION

**MODEL / REFERENCE** : A12GTCMB-WST.X0X5P (TECH-MARBLE-WHITE STATUARIO)  
**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 & Width	BS EN ISO 10545 - 2	± 1.0 mm	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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

<b>MODEL / REFERENCE</b>	: A12GTCMB-WST.00X5P (TECH-MARBLE-WHITE STATUARIO)
<b>NOMINAL SIZE</b>	: 60 X 120 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.0 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: UNGLAZED / HONED
<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	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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

<b>MODEL / REFERENCE</b>	: A12GTCMB-WVT.X0X5P (TECH-MARBLE-WHITE VENATO)
<b>NOMINAL SIZE</b>	: 60 X 120 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.0 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: UNGLAZED / POLISHED
<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	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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

<b>MODEL / REFERENCE</b>	: A12GTCMB-WVT.00X5P (TECH-MARBLE-WHITE VENATO)
<b>NOMINAL SIZE</b>	: 60 X 120 CM (RECTIFIED)
<b>NOMINAL THICKNESS</b>	: 9.0 MM
<b>TYPE OF PRODUCT</b>	: GRES PORCELLANATO TILE
<b>NATURE OF SURFACE</b>	: UNGLAZED / HONED
<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	± 1.0 mm	± 1.0 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
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
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 high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class HA No visible effect
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

Date of Issue: 05/01/2021



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