

TECHNICAL SPECIFICATION

MODEL	: 83GP TRENDY SERIES
NOMINAL SIZE	: 135 X 300 CM (RECTIFIED)
THICKNESS	: 14.0 MM
TYPE OF PRODUCT	: GRES PORCELANATO TILE
NATURE OF SURFACE	: UNGLAZED & POLISHED
GROUP	: BIa
REF. STANDARD	: INTERNATIONAL STANDARD - ISO 13006:2012

TEST DESCRIPTION	STANDARD TEST METHOD	STANDARD REQUIREMENTS	ELEGANCE 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	± 0.6 %	± 0.15 %
Thickness	BS EN ISO 10545 - 2	± 5 %	± 5 %
Straightness of Sides	BS EN ISO 10545 - 2	± 0.5 %	± 0.15 %
Rectangularity	BS EN ISO 10545 - 2	± 0.5 %	± 0.15 %
Surface Flatness: Center Curvature	BS EN ISO 10545 - 2	± 0.5 %	± 0.15 %
Surface Flatness: Edge Curvature	BS EN ISO 10545 - 2	± 0.5 %	± 0.15 %
Surface Flatness: Warpage	BS EN ISO 10545 - 2	± 0.5 %	± 0.15 %
Water Absorption	BS EN ISO 10545 - 3	≤ 0.5 %	≤ 0.1 %
Breaking Strength*	BS EN ISO 10545 - 4	≥ 1300 N	≥ 3500 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	Test method available	≤ 7 X 10 ⁻⁶ /°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 UB	Class UA No visible effect
Resistance to low concentrations acids & alkalis	BS EN ISO 10545 - 13	Manufacturer to state classification	Class ULA No visible effect
Resistance to high concentrations acids & alkalis	BS EN ISO 10545 - 13	Test method available	Class UHA 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".

*Test performed using 60 x 60 cm cut pieces from the slab.

Authorized:
For Elegance Ceramics

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