

TECHNICAL SPECIFICATION

MODEL	: TRAMA SERIES
NOMINAL SIZE	: 30X 90 CM
THICKNESS	: 10.0 MM
TYPE OF PRODUCT	: RED BODY CERAMIC TILE
NATURE OF SURFACE	: GLAZED / MATT
GROUP	: BIII
REF. STANDARD	: INTERNATIONAL STANDARD ISO 13006:2012

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	± 0.5 %	± 0.2 %
Width	BS EN ISO 10545 - 2	± 0.5 %	± 0.3 %
Thickness	BS EN ISO 10545 - 2	± 10 %	± 5 %
Straightness of Sides	BS EN ISO 10545 - 2	± 0.3 %	± 0.3 %
Rectangularity	BS EN ISO 10545 - 2	± 0.5 %	± 0.4 %
Center Curvature	BS EN ISO 10545 - 2	+ 0.5 % - 0.3 %	± 0.25 %
Edge Curvature	BS EN ISO 10545 - 2	+ 0.5 % - 0.3 %	± 0.25 %
Warpage	BS EN ISO 10545 - 2	± 0.5 %	± 0.25 %
Water Absorption	BS EN ISO 10545 - 3	10 % < E _b ≤ 20 %	10 % < E _b ≤ 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 ²	≥ 16 N/mm ²
Resistance to Surface Abrasion	BS EN ISO 10545 - 7	Manufacturer to state abrasion class	PEI Class 3
Coefficient of Linear Thermal Expansion	BS EN ISO 10545 - 8	Test method available	≤ 7 X 10 ⁻⁶ /°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 (V)	Class A (V) No visible effect
Resistance to Low Concentrations Acids & Alkalis	BS EN ISO 10545 - 13	Manufacturer to state classification	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: 24/06/2019

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