

TECHNICAL SPECIFICATION

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|--------------------------|---|
| MODEL | : 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



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Date of Issue: 24/06/2019

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