

TECHNICAL SPECIFICATION

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| MODEL / REFERENCE | : A48RZLEI-WH0.HSR (LENIS WHITE HEX DÉCOR) |
| NOMINAL SIZE | : 40 X 80 CM (RECTIFIED) |
| NOMINAL THICKNESS | : 11.0 MM |
| TYPE OF PRODUCT | : CERAMIC TILE RED BODY |
| NATURE OF SURFACE | : GLAZED / GLOSSY |
| GROUP | : BIII |
| 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 | BS EN ISO 10545 - 2 | ± 1.0 mm | ± 0.8 mm |
| Width | BS EN ISO 10545 - 2 | ± 1.0 mm | ± 0.5 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 | ± 1.2 mm |
| Center Curvature | BS EN ISO 10545 - 2 | ± 1.8 mm | ± 1.5 mm |
| Edge Curvature | BS EN ISO 10545 - 2 | ± 1.8 mm | ± 1.5 mm |
| Warpage | BS EN ISO 10545 - 2 | ± 1.8 mm | ± 1.5 mm |
| Water Absorption | BS EN ISO 10545 - 3 | $10\% < E_v \leq 20\%$ | $10\% < E_v \leq 18\%$ |
| Breaking Strength | BS EN ISO 10545 - 4 | ≥ 600 N | ≥ 1000 N |
| Modulus of Rupture | BS EN ISO 10545 - 4 | ≥ 12 N/mm ² | ≥ 16 N/mm ² |
| 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 ⁻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 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



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VP - QA/QC

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