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TECHNICAL SPECIFICATION

Glazed Ceramic Floor Tiles produced by LANKA WallTILES PLC comply with ISO 13006:2018(E) Annex J, BS EN 14411:2012 Annex J, Specifications and SLS 1181:2019 standards.

Series: Agate

Theme: Heritage

Colour: Beige

Tile Type: FAN-AGT---X0705B55

Tile Size: 300x900 mm

Tile Surface: Matt

| DIMENSIONS & SURFACE QUALITY | IMAGE | Test methods BS EN ISO | GLAZE CERAMIC Annex J Group B11a | TEST STATUS |
|---|-------|--|--|----------------|
| Length & width | | ISO 10545-2 | +/-0.3% | Comply |
| Thickness | | ISO 10545-2 | +/-5.0% | |
| Straightness of sides | | ISO 10545-2 | +/-0.3% | |
| Centre curvature | | ISO 10545-2 | +/-0.4% | |
| Edge curvature | | ISO 10545-2 | +/-0.4% | |
| Warpage | | ISO 10545-2 | +/-0.4% | |
| Rectangularity | | ISO 10545-2 | +/-0.3% | |
| Surface quality | | ISO 10545-2 | Minimum of 95 % of tiles shall be free from visible defects that would impair the appearance of a major area of tiles. | |
| PHYSICAL PROPERTIES | | | | |
| Water absorption | | ISO 10545-3 | 3 % < E ≤ 6 % Individual max 6.5% | Comply |
| Breaking strength | | ISO 10545-4 | Not less than 1000 N (Thickness ≥ 7.5mm) | |
| Modulus of rupture | | ISO 10545-4 | Min 22 N/mm ² Individual min 20 N/mm ² | |
| Resistance to surface abrasion-glazed tiles | | ISO 10545-7 | Reported abrasion class and cycle passed | Class 2 |
| Resistance to Thermal shock | | ISO 10545-9 | Required | Comply |
| Resistance to crazing-glazed tiles | | ISO 10545-11 | Required | |
| CHEMICAL PROPERTIES | | | | |
| Resistance to staining | | ISO 10545-14 | Minimum class 3 | Class 5 |
| Resistance to low concentrations of acids | | ISO 10545-13 | Manufacturer to state classification | Class GLA |
| Resistance to low concentrations of alkalis | | ISO 10545-13 | Manufacturer to state classification | Class GLA |
| Resistance to household chemicals and swimming pool salts | | ISO 10545-13 | Minimum GB | GA |
| APPLICATIONS | | Normal footwear with a small amount of scratching dirt. (Residential living area and low-traffic areas). | | |

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