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TECHNICAL SPECIFICATION

Glazed Ceramic Mosaics Tiles produced by LANKA WallTILES PLC comply with ISO 13006:2018 Category B III and ANSI

137.1:2022 Specifications.

Series: Lantern MOSAICS

Tile Type: KAWCLAN----0001-44

Sheet Size: 279x329mm

Colour: White

Tile Surface: Gloss

| DIMENSIONS & SURFACE QUALITY | IMAGE | Test methods BS EN ISO | GLAZE CERAMIC | TEST STATUS |
|---|-------|---|--|----------------|
| Length & width | | ISO 10545-2 | +/-0.3% | N/A |
| Thickness | | ISO 10545-2 | +/-10.0% | |
| Straightness of sides | | ISO 10545-2 | N/A | |
| Centre curvature | | ISO 10545-2 | N/A | |
| Edge curvature | | ISO 10545-2 | N/A | |
| Warpage | | ISO 10545-2 | N/A | |
| Rectangularity | | ISO 10545-2 | N/A | |
| 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 | 10% < E ≤20 % | N/A |
| Breaking strength | | ISO 10545-4 | N/A | |
| Modulus of rupture | | ISO 10545-4 | N/A | |
| Resistance to surface abrasion-glazed tiles | | ISO 10545-7 | N/A | N/A |
| Resistance to Thermal shock | | ISO 10545-9 | N/A | 1 Cycle Passed |
| Resistance to crazing-glazed tiles | | ISO 10545-11 | 1 cycle passed | |
| CHEMICAL PROPERTIES | | | | |
| Resistance to staining | | ISO 10545-14 | Minimum class 3 | Class 5 |
| Resistance to low concentrations of acids | | ISO 10545-13 | Min Class GLB | Class GLA |
| Resistance to low concentrations of alkalis | | ISO 10545-13 | Min Class GLB | Class GLA |
| Resistance to household chemicals and swimming pool salts | | ISO 10545-13 | Minimum GB | GA |
| APPLICATIONS | | Recommended for residential or commercial Wall covering areas Ex- Office area, Kitchens, Corridors. | | |

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