

**LANKA TILES PLC**

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 Co. Reg. No. PQ129



**TECHNICAL SPECIFICATION**

Glazed Porcelain Floor Tiles produced by LANKA TILES PLC comply with ISO 13006:2018(E) Annex H, BS EN 14411:2012 Annex H, SLS 1181:2019 standards.

Series: **Loft**

Tile Type: **FAY-LOF----0023A52**

Theme: **Urban**

Tile Size: **600x600 mm**

Colour: **Neutro**

Tile Surface: **Gloss**

| DIMENSIONS & SURFACE QUALITY                              | IMAGE | Test methods<br>BS EN ISO  | GLAZE PORCELAIN<br>Annex H<br>Group B 1b   | TEST<br>STATUS |
|---|-------|--|--|----------------|
| Length & width  |       | ISO 10545-2  | +/-0.3%  | Comply         |
| Thickness   |       | ISO 10545-2  | +/-5.0%  |                |
| Straightness of sides                                     |       | ISO 10545-2  | +/-0.5%  |                |
| Centre curvature  |       | ISO 10545-2  | +/-0.5%  |                |
| Edge curvature  |       | ISO 10545-2  | +/-0.5%  |                |
| Warpage   |       | ISO 10545-2  | +/-0.5%  |                |
| Rectangularity  |       | ISO 10545-2  | +/-0.5%  |                |
| 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. |                |
| <b>PHYSICAL PROPERTIES</b>                                |       |  |  |                |
| Water absorption  |       | ISO 10545-3  | 0.5 % < E ≤ 3 %<br>Individual max 3.3%   | Comply         |
| Breaking strength   |       | ISO 10545-4  | Not less than 1100 N<br>(Thickness ≥ 7.5mm)  |                |
| Modulus of rupture  |       | ISO 10545-4  | Min 30 N/mm <sup>2</sup><br>Individual min 27 N/mm <sup>2</sup>  |                |
| Resistance to surface abrasion-glazed tiles               |       | ISO 10545-7  | Reported abrasion class and cycle passed   | Class 3        |
| Resistance to Thermal shock                               |       | ISO 10545-9  | Required   | Comply         |
| Resistance to crazing-glazed tiles                        |       | ISO 10545-11   | Required   |                |
| <b>CHEMICAL PROPERTIES</b>                                |       |  |  |                |
| 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             |
| Phases of Design  |       | <input type="checkbox"/> Single Face <input type="checkbox"/> Multiple Faces <input checked="" type="checkbox"/> Random Faces  |  |                |
| <b>APPLICATIONS</b>                                       |       | Recommended for residential floor covering areas subject to normal foot traffic with walk on soft soled or normal foot ware. Ex- Dining rooms, Bedrooms and Living areas. Should not be used in areas such as kitchens, entryways and stairs that are subjected to abrasive and slip resistance requirement. |  |                |

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