

LANKA TILES PLC

215, Nwala Road, Narahenpita, Colombo 05, Sri Lanka.
 Tel: +94-11-2808050 Fax: +94-11-2806232
 Email: info@lankatiles.com Website: www.lankatiles.com
 Factory: St.James Estate, Jaltara, Ranala. Tel: +94 11 2141055 Fax: +94 11 2141045
 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: **Aspen**

Theme: **Forest**

Colour: **Elm**

Tile Type: **FAY-ASP---M0082A56**

Tile Size: **600x600 mm**

Tile Surface: **Matt**

| DIMENSIONS & SURFACE QUALITY | IMAGE | Test methods BS EN ISO | GLAZE PORCELAIN Annex H Group B 1b | TEST 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. | |
| PHYSICAL PROPERTIES | | | | |
| Water absorption | | ISO 10545-3 | 0.5 % < E ≤ 3 % Individual max 3.3% | Comply |
| Breaking strength | | ISO 10545-4 | Not less than 1100 N (Thickness ≥ 7.5mm) | |
| Modulus of rupture | | ISO 10545-4 | Min 30 N/mm ² Individual min 27 N/mm ² | |
| 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 | |
| CHEMICAL PROPERTIES | | | | |
| Resistance to staining | | ISO 10545-14 | Minimum class 3 | Class 4 |
| 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 | | |
| APPLICATIONS | | Recommended for industrial, residential, or medium traffic commercial floor covering areas (indoor/outdoor) subject to normal footwear. Ex- Office area except entrances, Kitchens, Corridors and balconies, Laboratories which are not required strong acid resistance. Cleaning ability to be considered. | | |

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Prepared By : Executive (QA)

Approved By : Manager (QA/RD)