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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: **AUTUMN**

Tile Type: **FAP-ATM---X0756D53**

Tile Size: 300x600mm

Tile Surface: Gloss

| DIMENSIONS & SURFACE QUALITY                              | IMAGE | Test methods<br>BS EN ISO   | GLAZE CERAMIC<br>Annex J<br>Group<br>B11a  | TEST<br>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. |                |
| <b>PHYSICAL PROPERTIES</b>                                |       |   |  |                |
| Water absorption  |       | ISO 10545-3   | 3 % < E ≤ 6 %<br>Individual max 6.5%   | Comply         |
| Breaking strength   |       | ISO 10545-4   | Not less than 1000 N<br>(Thickness ≥ 7.5mm)  |                |
| Modulus of rupture  |       | ISO 10545-4   | Min 22 N/ mm <sup>2</sup><br>Individual min 20 N/mm <sup>2</sup>   |                |
| Resistance to surface abrasion-glazed tiles               |       | ISO 10545-7   | Reported abrasion class and cycle passed   | Class 1        |
| 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             |
| <b>APPLICATIONS</b>                                       |       | Bare feet without scratching dirt. (Residential bathroom and bedrooms.) |  |                |

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