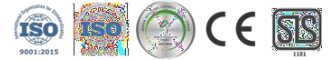


**LANKA WALLTILES PLC**

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Co. Reg. No. PQ55



**TECHNICAL SPECIFICATION**

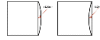
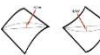
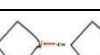
Glazed Ceramic Floor Tiles produced by LANKA WALLTILES PLC comply with ISO 13006:2018(E) Annex J, BS EN 14411:2012 Annex J, SLS 1181:2019 standards.

**SKU : FAN-HSN--X0721C6**

**Series: Hessian**

**Tile Size: 300x900mm**

**Tile Surface: Rough Matt**

| DIMENSIONS & SURFACE QUALITY                              | IMAGE                                                                               | Test methods<br>BS EN ISO                                                                                                                                                                                                                                                                                 | GLAZE CERAMIC<br>Annex J<br>Group BII <sub>n</sub>                                                                     | 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. |                |
| PHYSICAL PROPERTIES                                       |                                                                                     |                                                                                                                                                                                                                                                                                                           |                                                                                                                        |                |
| 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 3        |
| Resistance to Slip                                        |  | BS 7976 / EN 16165                                                                                                                                                                                                                                                                                        | Reported Slippery class                                                                                                | P3             |
| Scratch Resistance (Mohs Hardness Scale)                  |  | NA                                                                                                                                                                                                                                                                                                        | Not Specified                                                                                                          | 6              |
| 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                                              |  | 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 do not require strong acid resistance. Cleaning ability to be considered. |                                                                                                                        |                |

Last Update: 2026-04-07

Prepared By: Executive (QA)

Approved By : Manager (QA/RD)

*Signature*

*Signature*