

**LANKA TILES PLC**

215, Nwala Road, Narahenpita, Colombo 05, Sri Lanka.

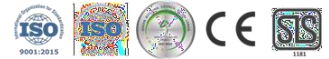
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Co. Reg. No. PQ55

**TECHNICAL SPECIFICATION**

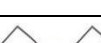
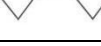
Glazed Ceramic Wall Tiles produced by LANKA WALLTILES PLC comply with ISO 13006:2018(E) Annex L, BS EN 14411:2012 Annex L, SLS 1181:2019 standards.

SKU : WAP-LUR---X0859B3

Series :Luminara

Tile Size: 300x600mm

Tile Surface: Gloss

| DIMENSIONS & SURFACE QUALITY                              | IMAGE                                                                               | Test methods<br>BS EN ISO                                                             | GLAZE CERAMIC<br>Annex L<br>Group<br>B111                                                                              | TEST<br>STATUS |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------|
| Length & width                                            |    | ISO 10545-2                                                                           | +/-0.3%                                                                                                                | Comply         |
| Thickness                                                 |    | ISO 10545-2                                                                           | +/-10.0%                                                                                                               |                |
| 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                                                                           | 10 % < E ≤ 20 %                                                                                                        | Comply         |
| Breaking strength                                         |  | ISO 10545-4                                                                           | Not less than 600 N<br>(Thickness ≥ 7.5mm)                                                                             |                |
| Modulus of rupture                                        |  | ISO 10545-4                                                                           | Min 12 N/ mm <sup>2</sup>                                                                                              |                |
| Resistance to surface abrasion-glazed tiles               |  | ISO 10545-7                                                                           | Not Applicable for Wall Tiles                                                                                          |                |
| 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 residential or commercial Wall covering areas Ex- Office areas, Kitchens. |                                                                                                                        |                |

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Prepared By : Executive (QA)

Approved By : Manager (QA/RD)

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