

**LANKA WALLTILES PLC**

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**TECHNICAL SPECIFICATION**

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

**SKU : FAZ-RCK---U0932C6**

**Series : Rockscape**

**Size: 1000x1000mm**

**Surface: Rough Matte**

| DIMENSIONS & SURFACE QUALITY                              | IMAGE | Test methods<br>BS EN ISO                                                                                                                                                                                             | GLAZE PORCELAIN<br>Annex H<br>Group<br>B I b                                                                           | 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                                                                                                                                                                                                           | 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 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                                              |       | Recommend residential or medium-traffic commercial floor covering areas (indoor) suitable for normal footwear. Ex-Office areas, except entrances, Kitchens, Laboratories, which do not require strong acid resistance |                                                                                                                        |                |