

**LANKA TILES PLC**

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Co. Reg. No. PQ129



Fine Living Redefined



**TECHNICAL SPECIFICATION**

Glazed Vitrified Mosaic Tiles produced by LANKA TILES PLC comply with ISO 13006:2018(E) Annex G, BS EN 14411:2012 Annex G standards.

Series: **Pool**

Shape: **2 Inch Square**

Colour: -

Tile Type: **KAFHSQLOBS-0108B52**

Sheet Size: **306x306 mm**

Tile Surface: **Gloss**

| DIMENSIONS & SURFACE QUALITY                              | IMAGE | Test methods<br>BS EN ISO                                                                                                                                                                                                                                                                                                                  | GLAZE VITRIFIED<br>Annex G<br>Group B 1a                                                                               | TEST<br>STATUS |
|-----------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------|
| Mosaic chip length & width                                |       | ISO 10545-2                                                                                                                                                                                                                                                                                                                                | +/-0.5 mm                                                                                                              | Comply         |
| Mosaic sheet length & width                               |       |                                                                                                                                                                                                                                                                                                                                            | +/-1.0 mm                                                                                                              | Comply         |
| Thickness                                                 |       | ISO 10545-2                                                                                                                                                                                                                                                                                                                                | +/-5.0%                                                                                                                | 6.0 +/-0.2 mm  |
| 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. | Comply         |
| <b>PHYSICAL PROPERTIES</b>                                |       |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                        |                |
| Water absorption                                          |       | ISO 10545-3                                                                                                                                                                                                                                                                                                                                | $E_b \leq 0.5\%$<br>Individual max 0.6%                                                                                | Comply         |
| Resistance to Thermal shock                               |       | ISO 10545-9                                                                                                                                                                                                                                                                                                                                | min 3 cycles pass                                                                                                      | Comply         |
| Resistance to crazing-glazed tiles                        |       | ISO 10545-11                                                                                                                                                                                                                                                                                                                               | 10 bars, 1 cycle pass                                                                                                  |                |
| Frost resistance                                          |       | ISO 10545-12                                                                                                                                                                                                                                                                                                                               | 100 cycles pass                                                                                                        | Comply         |
| <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>                                       |       | Mosaic pool gloss tiles are ideally applied to pools, waterlines, decorative accents, pool borders, and hot tub walls. Their glossy finish enhances the visual appeal of these vertical surfaces, reflecting light and adding vibrant color. However, they are best avoided on pool floors or steps due to their slippery nature when wet. |                                                                                                                        |                |

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