

**LANKA TILES PLC**

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 Co. Reg. No. PQ129



**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: **23X48 Brick Joint**

Colour: **-Cobalt Blue**

Tile Type: **KAFHGBANB--B0003C52**

Sheet Size: **306x312 mm**

Tile Surface: **Gloss**

DIMENSIONS & SURFACE QUALITY	IMAGE	Test methods BS EN ISO	GLAZE VITRIFIED Annex G Group B 1a	TEST 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	$E_b \leq 0.5\%$ 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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