

**LANKA TILES PLC**

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 Co. Reg. No. PQ129



**TECHNICAL SPECIFICATION**

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

Series: **Serene**

Theme: **Urban**

Colour:

Tile Type: **FAY-SER---X0147C56**

Tile Size: **600x600 mm**

Tile Surface: **Matt**

DIMENSIONS & SURFACE QUALITY	IMAGE	Test methods BS EN ISO	GLAZE PORCELAIN Annex H Group B 1b	TEST STATUS
Length & width		ISO 10545-2	+/-0.3%	Comply
Thickness		ISO 10545-2	+/-5.0%	
Straightness of sides		ISO 10545-2	+/-0.5%	
Centre curvature		ISO 10545-2	+/-0.5%	
Edge curvature		ISO 10545-2	+/-0.5%	
Warpage		ISO 10545-2	+/-0.5%	
Rectangularity		ISO 10545-2	+/-0.5%	
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.	
<b>PHYSICAL PROPERTIES</b>				
Water absorption		ISO 10545-3	0.5 % < E ≤ 3 % Individual max 3.3%	Comply
Breaking strength		ISO 10545-4	Not less than 1100 N (Thickness ≥ 7.5mm)	
Modulus of rupture		ISO 10545-4	Min 30 N/mm <sup>2</sup> 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 Thermal shock		ISO 10545-9	Required	Comply
Resistance to crazing-glazed tiles		ISO 10545-11	Required	
<b>CHEMICAL PROPERTIES</b>				
Resistance to staining		ISO 10545-14	Minimum class 3	Class 4
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
Phases of Design		<input type="checkbox"/> Single Face <input checked="" type="checkbox"/> Multiple Faces <input type="checkbox"/> Random Faces		
<b>APPLICATIONS</b>		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 are not required strong acid resistance. Cleaning ability to be considered.		

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