

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: **Titanio**

Theme: **Urban**

Colour:

Tile Type: **FAE-TTN---M0006D58**

Tile Size: **800x1200 mm**

Tile Surface: **High Rough**

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.	
PHYSICAL PROPERTIES				
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 ² Individual min 27 N/mm ²	
Resistance to surface abrasion-glazed tiles		ISO 10545-7	Reported abrasion class and cycle passed	Class 2
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 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		☐ Single Face ☐ Multiple Faces ☒ Random Faces		
APPLICATIONS		Recommended normal-traffic commercial floor covering areas (indoor/outdoor) subject to medium footwear. Ex- Retail stores, corridors, hallways, showrooms, restaurants and schools, Ramp areas, Laboratories which are not required strong acid resistance. Cleaning ability is lower than the rough tile. Strong cleaning solution is needed to maintain tile surface in good condition.		

Please be informed that the surface abrasion classification of tiles may vary depending on their design and color. Notably, tiles with darker tones are generally assigned lower abrasion classes, as signs of surface wear are more readily visible on such finishes.