LANKA TILES PLC FO/QA/64

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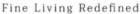
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Co. Reg. No. PQ129

LANKATILES











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: Limus Theme: Island Living Colour: Grey
Tile Type: FAY-LMS---X0146A56 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	11/1/1	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	\Diamond	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	$0.5~\% < E \le 3~\%$ 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	ABRASION RESISTANT	ISO 10545-7	Reported abrasion class and cycle passed	Class 3
Resistance to Thermal shock	I.	ISO 10545-9	Required	ply
Resistance to crazing-glazed tiles	0	ISO 10545-11	Required	Comply
CHEMICAL PROPERTIES				
Resistance to staining	STAIN RESISTANT	ISO 10545-14	Minimum class 3	Class 4
Resistance to low concentrations of acids	CHEMICAL RESISTANT	ISO 10545-13	Manufacturer to state classification	Class GLA
Resistance to low concentrations of alkalis	CHEMICAL RESISTANT	ISO 10545-13	Manufacturer to state classification	Class GLA
Resistance to household chemicals and swimming pool salts	CHEMICAL	ISO 10545-13	Minimum GB	GA
Phases of Design		☐ Single Face ☑ Multiple Faces ☐ Random Faces		
APPLICATIONS	* *	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.		

Last Update: 2024-10-01 Prepared By : Executive (QA) Approved By : Manager (QA/RD)

Issue No: 1 Revision No: 0 Date: 2024-10-01