

LANKA WALLTILES PLC

215, Nawala Road, Narahenpita, Colombo 05, Sri Lanka. Tel:

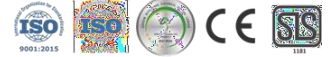
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Co. Reg. No. PQ55



TECHNICAL SPECIFICATION

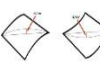
Glazed Porcelain Floor Tiles produced by LANKA WALLTILES PLC comply with ISO 13006:2018(E) Annex H, BS EN 14411:2012 Annex H, SLS 1181:2019 standards.

SKU: FAH-TEM---X0870C6

Series: Terra Mandala

Tile Size: 450x900mm

Tile Surface: Rough Matt

DIMENSIONS & SURFACE QUALITY	IMAGE	Test methods BS EN ISO	GLAZE PORCELAIN Annex H Group BI _b	TEST STATUS
Length & width		ISO 10545-2	+/-0.3%	Comply
Thickness		ISO 10545-2	+/-5.0%	
Straightness of sides		ISO 10545-2	+/-0.3%	
Centre curvature		ISO 10545-2	+/-0.4%	
Edge curvature		ISO 10545-2	+/-0.4%	
Warpage		ISO 10545-2	+/-0.4%	
Rectangularity		ISO 10545-2	+/-0.3%	
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 3
Resistance to Slip		BS 7976 / EN 16165	Reported Slippery class	P3/R10
Scratch Resistance (Mohs Hardness Scale)		NA	Not Specified	6
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 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
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 do not require strong acid resistance. Cleaning ability to be considered.		

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Prepared By: Executive (QA)

Approved By : Manager (QA/RD)

Nobina

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