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Co. Reg. No. PQ55



**TECHNICAL SPECIFICATION**

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

Series: **ENSIGN**

Theme: Urban

Tile Type: **FAP-ENS--X0802D56**

Tile Size: 300x600mm

Tile Surface: Rough Matt

DIMENSIONS & SURFACE QUALITY	IMAGE	Test methods BS EN ISO	GLAZE CERAMIC Annex J Group B11a	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.	
<b>PHYSICAL PROPERTIES</b>				
Water absorption		ISO 10545-3	3 % < E ≤ 6 % Individual max 6.5%	Comply
Breaking strength		ISO 10545-4	Not less than 1000 N (Thickness ≥ 7.5mm)	
Modulus of rupture		ISO 10545-4	Min 22 N/ mm <sup>2</sup> Individual min 20 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 – 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	GB	GA
<b>sAPPLICATIONS</b>		Normal footwear with a small amount of scratching dirt. (Residential living area and low-traffic areas)		

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