

**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: **Onyx**

Theme: **Mountain**

Colour:

Tile Type: **FAS-ONY---P0036A51**

Tile Size: **800x800 mm**

Tile Surface: **Polished**

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 type="checkbox"/> Multiple Faces <input checked="" type="checkbox"/> Random Faces		
<b>APPLICATIONS</b>		Walk on soft-soled or light footwear subject to light traffic with at the most occasional small amount of scratching dirt. Extra care is necessary to protect the surface from scratch. Ex- Only for domestic usage, bedrooms, living areas. Protect polished surface from long periods of exposure of chemicals and stains. Should not be used in areas such as kitchens, entry ways and stairs that are subject to abrasive and slip resistant requirement.		