

**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: **Ariston**

Theme: **Mountain**

Colour:

Tile Type: **FAX-ARI----0512B52**

Tile Size: **500x500 mm**

Tile Surface: **Gloss**

DIMENSIONS & SURFACE QUALITY	IMAGE	Test methods BS EN ISO	GLAZE PORCELAIN Annex H Group B 1b	TEST STATUS
Length & width		ISO 10545-2	+/-0.6%	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 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
Phases of Design		<input type="checkbox"/> Single Face <input type="checkbox"/> Multiple Faces <input checked="" type="checkbox"/> Random Faces		
<b>APPLICATIONS</b>		Recommended for residential floor covering areas subject to normal foot traffic with walk on soft soled or normal foot ware. Ex- Dining rooms, Bedrooms and Living areas. Should not be used in areas such as kitchens, entryways and stairs that are subjected to abrasive and slip resistance requirement.		

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