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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: Agate

Theme: Heritage

Colour: Grey

Tile Type: FAN-AGT---X0705A55

Tile Size: 300x900mm

Tile Surface: 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.	
PHYSICAL PROPERTIES				
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 ² Individual min 20 N/mm ²	
Resistance to surface abrasion-glazed tiles		ISO 10545-7	Reported abrasion class and cycle passed	Class 2
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		Normal footwear with a small amount of scratching dirt. (Residential living area and low-traffic areas).		

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