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TECHNICAL SPECIFICATION

Glazed Ceramic Mosaics Tiles produced by LANKA WallTILES PLC comply with ISO 13006:2018 Category B III and ANSI 137.1:2022 Specifications.

Series: Lantern MOSAICS

Colour: Black

Tile Type: KAWCLAN----0003-42

Sheet Size: 279x329mm

Tile Surface: Gloss

DIMENSIONS & SURFACE QUALITY	IMAGE	Test methods BS EN ISO	GLAZE CERAMIC	TEST STATUS
Length & width		ISO 10545-2	+/-0.3%	N/A
Thickness		ISO 10545-2	+/-10.0%	
Straightness of sides		ISO 10545-2	N/A	
Centre curvature		ISO 10545-2	N/A	
Edge curvature		ISO 10545-2	N/A	
Warpage		ISO 10545-2	N/A	
Rectangularity		ISO 10545-2	N/A	
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	10% < E ≤20 %	N/A
Breaking strength		ISO 10545-4	N/A	
Modulus of rupture		ISO 10545-4	N/A	
Resistance to surface abrasion-glazed tiles		ISO 10545-7	N/A	N/A
Resistance to Thermal shock		ISO 10545-9	N/A	1 Cycle Passed
Resistance to crazing-glazed tiles		ISO 10545-11	1 cycle passed	
CHEMICAL PROPERTIES				
Resistance to staining		ISO 10545-14	Minimum class 3	Class 5
Resistance to low concentrations of acids		ISO 10545-13	Min Class GLB	Class GLA
Resistance to low concentrations of alkalis		ISO 10545-13	Min Class GLB	Class GLA
Resistance to household chemicals and swimming pool salts		ISO 10545-13	Minimum GB	GA
APPLICATIONS		Recommended for residential or commercial Wall covering areas Ex- Office area, Kitchens, Corridors.		

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Prepared By: Executive (QA)

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