

MINERALIS

CERTIFICATE OF PHYSICAL PROPERTIES

Of thickness 8.0 mm

Dimensions: 2440 mm x 1220 mm

Mineralis is a pigmented fibre cement board. Mineralis offers a modern urban look, with the robustness of a high density board. It is an architectural panel that once installed is finished and requires no further treatment.

Benefits

- **Aesthetics:** With its rich colours and natural textures, Mineralis provides a unique character and strong identity to buildings. Subtle colour variations in panels give each board a truly unique appearance. The 'through colour' means that the edges are the same colour as the surface.
- **Cost Effective:** Lightweight yet strong, Mineralis is an architectural panel that delivers the best of modern systems for a fraction of their cost.
- **Proven System:** Mineralis is a façade system that has been extensively tested and proven.

General Technical Properties	Value	Standard
Dimensional Conformity (Level I)	Pass	ISO 8336
Length	± 5 mm	
Width	± 3.66 mm	
Thickness	± 10 %	
Straightness of edges	≤ 0.1 %	
Squareness of edges	≤ 0.2 %	
Density	≥ 1600 kg/m ³	ISO 8336
Modulus of rupture (Category A)	≥ 13 MPa (Class 3)	ISO 8336
Water permeability	Pass	ISO 8336
Moisture content	< 6 %	ASTM C1185
Water absorption	< 26 %	ASTM C1185
Moisture movement	≤ 0.07 %	ASTM C1185
Thermal conductivity	0.27 W/m ² K	ISO 8336
Durability		
Warm water performance	Pass	ISO 8336
Freeze-thaw performance	Pass	ASTM C1185
Soak-dry performance	Pass	ISO 8336
Heat-rain performance	Pass	ISO 8336
Reaction to Fire		
Surface spread of flame	Class 1	BS 476 Part 7
Fire propagation index	l = 2.7 i1 = 0.4 i2 = 1.5 i3 = 0.8	BS 476 Part 6
Flame spread Index	FSI = 5	ASTM E84
Smoke developed index	SDI = 90	

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