

CERTIFICATE OF PHYSICAL PROPERTIES

Of thickness 3.0mm, 3.2mm, 3.5mm, 4.5mm

KalsiCeiling® is a fibre cement board especially designed for ceiling application in both dry and wet areas. It's a lightweight but durable board that offers exceptional dimensional stability and years of functional service.

KalsiCeiling® in thicknesses of 3mm to 4.5mm must be nailed to timber framing. The joints between the boards are designed to remain open and can be finished in conjunction with wooden joiners etc. or mouldings.

Benefits

- Resistant to the attack of termites, insects and most other vermin
- Moist, mould and water resistant
- Wide variety of thickness and applications
- Impact resistant
- Dimensionally stable
- Easy to work and install

General Technical Properties	Value	Standard
Dimensional Conformity - Thickness - Length - Width - Straightness of edges - Squareness of edges	Level II (Pass)	ISO 8336:2009
Density	≥ 1300 kg/m ³	ISO 8336:2009
Moisture content	≤ 15%	ASTM C1185
Water absorption	≤ 33%	ASTM C1185
Moisture movement	≤ 0.04 %	ISO 8336:2009
Thermal conductivity	0.27 W/mK	ISO 8336:2009
Modulus of rupture (Category C)	≥10MPa (Class 3)	ISO 8336:2009

Durability		
Warm water performance	Pass	ISO 8336:2009
Soak-dry performance	Pass	ISO 8336:2009

Reaction to Fire		
Non-combustibility	Non-combustible	BS 476 Part 4: 1970
Surface spread of flame	Class 1	BS 476 Part 7:1997
Fire propagation index	l = 1.6 i(1) = 1.0 i(2) = 0.3 i(3) = 0.3	BS 476 Part 6:1989

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