

## CERTIFICATE OF PHYSICAL PROPERTIES

Of thickness 6.0mm

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 6mm can be nailed onto timber structure or screwed over a steel frame. Joints between the boards can be blushed or left open.

KalsiCeiling® can also be used as a ceiling tiles. The extra-smooth surface ready to receive a wide range of finishes.

### 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 <sup>3</sup>	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 B)	≥ 7MPa (Class 2)	ISO 8336:2009

Durability		
Heat-Rain performance	Pass	ISO 8336:2009
Warm water performance	Pass	ISO 8336:2009
Freeze-thaw 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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