

## CERTIFICATE OF PHYSICAL PROPERTIES

Of thickness 10.0mm, 12.0mm

KalsiClad® is a board specifically designed for external wall cladding. Its light weight and versatility are the best features for new or renovation projects which demand design flexibility, and modern, contemporary solutions.

KalsiClad® can be finished with expressed or flushed joints.

KalsiClad® can be coated with an exterior acrylic or texture coating for monolithic render.

### 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 A)	≥ 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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