

PRODUCT INFORMATION



INEX>WEATHERBOARD is a revolutionary, low carbon, high strength, yet lightweight cement based exterior wall cladding suitable for both residential and commercial applications.

INEX>WEATHERBOARD is unique in that it delivers an FRL of 60/60/60 or BAL-FZ without the need for any supplementary fire rated materials in the wall system.

The long edges of **INEX>WEATHERBOARD** are profiled to allow for easy installation and accurate overlaps, thus resulting in stunningly self-aligned horizontal lines.

It has a tongue and groove joint at each end for stud jointing.

The smooth side of **INEX>WEATHERBOARD** is an ideal surface for multiple paint applications.

**For all applications,
INEX>WEATHERBOARD must be sealed and coated.**

PRODUCT	LENGTH(mm)	WIDTH(mm)	COVERAGE(mm)	THICKNESS(mm)	kg/m ²	kg/Length
INEX>WEATHERBOARD 190	3000	190	160	16	22.5	13.0

ADVANTAGES:

- **INEX>WEATHERBOARD** is lightweight and its self-alignment allows for progressive installation once the first piece is fixed.
- **INEX>WEATHERBOARD** can be cut and worked just like other comparable fibre cement weatherboard, but offers improved bending strength characteristics and finish quality.
- **INEX>WEATHERBOARD** can be fixed to timber or steel studs with spacing at maximum 600mm centres.
- **INEX>WEATHERBOARD** is non-combustible. It is approved for bushfire BAL-FZ construction and is certified to Fire Resistance Level of FRL 60/60/60.
- **INEX>WEATHERBOARD** on a timber or steel frame with R2.5 insulation and 10mm plasterboard internal lining will deliver a sound insulation value of >Rw42, which will satisfy Category 2 of Transport Noise Corridors for external all requirements. Systems to achieve all Categories of Transport Noise Corridors available on application.
- **INEX>WEATHERBOARD** is an advanced high strength, low carbon fibre reinforced Engineered Cementitious Composite (ECC) product, containing about 40% of the embodied energy of equivalent portland cement derived products, containing 60% of post industrial recycled materials.
- **INEX>WEATHERBOARD** remains dimensionally stable as a wall cladding material.
- **INEX>WEATHERBOARD** is priced for value for the construction industry and competes strongly against all comparable products. Pricing is available on application to UBIQ.
- **INEX>WEATHERBOARD** contains less than 0.5% crystalline silica.
- **INEX>WEATHERBOARD** is water resistant, but at all times requires an approved coating system to be applied.
- **INEX>WEATHERBOARD** is long-term durable and is warranted for 20 years.



**Achieves FRL 60/60/60 when tested to AS 1530.4-2014
Meets AS 3959-2018 Section 9 (BAL-FZ) via testing to AS 1530.4-2014**



INEX>WEATHERBOARD painted finish.



INEX>WEATHERBOARD clear coat finish.

IMPORTANT NOTE: INEX>WEATHERBOARD with a painted or clear finish.

INEX>WEATHERBOARD is manufactured from a range of recycled raw materials and can vary in surface finish and colour. To ensure customer satisfaction should a clear finish be specified or wanted it needs to be understood that a greater level of care of; product selection, handling, fixing and application of the clear coat system is required.

Due to the cementitious nature of **INEX>BOARDS** some superficial pin holing may be present on the smooth side of **INEX>WEATHERBOARD**. The smooth side of **INEX>WEATHERBOARD** is characterised as a CLASS 2 concrete finish.

COATING WARRANTY

1. Common installation errors that will void your warranty include, but are not limited to: failing to properly seal screw holes and incorrect distance between studs. UBIQ does not provide warranty for any recommended coating systems for **INEX>WEATHERBOARD**.
2. The purchaser must contact the coating suppliers for warranty purposes. The purchaser accepts all risk associated with performance of any coatings applied to **INEX>WEATHERBOARD**. UBIQ recommends the coatings are tested prior to installation.

PHYSICAL PROPERTIES

DIMENSIONAL AND GEOMETRICAL CHARACTERISTICS			
GEOMETRICAL TESTS	EQUILIBRIUM CONDITION		STANDARD
Length/Width/Thickness	PASS		AS/NZS 2908.2-2000
Straightness & Squareness	PASS		AS/NZS 2908.2-2000
PHYSICAL CHARACTERISTICS			
APPARENT DENSITY TEST	kg/m ³		STANDARD
16mm INEX > WEATHERBOARD	1400		AS/NZS 2908.2 - Clause 5.2.2 - test method 8.1.2.2
<i>Condition: Mass determined by drying out the test specimens in a ventilated oven maintained at 100°C for 24 hrs.</i>			
STRENGTH			
CHARACTERISTIC TYPE TEST	DRY CONDITION	WET CONDITION	STANDARD
Bending Strength (Mean)	>12MPa	>10MPa	AS/NZS 2908.2 - Clause 6.1 - test method 8.2.1
Classification - Type		A*	AS/NZS 2908.2-2000
Category		5	AS/NZS 2908.2-2000
Modulus of Elasticity	>8GPa	>6GPa	AS 1774.31.1-2000
<i>*Type A – is intended for external applications where it may be subjected to the direct action of sun, rain and/or snow.</i>			
DURABILITY, MOISTURE RESISTANCE AND CORROSION			
CHARACTERISTIC TYPE TEST			STANDARD
Water Permeability	PASS		AS/NZS 2908.2 - clause 6.2 - test method 8.2.2
Frost Resistance	PASS		AS/NZS 2908.2 - clause 6.3 - test method 8.2.3
Heat-rain	PASS		AS/NZS 2908.2 - clause 6.5 - test method B.5
Soak-dry	PASS		AS/NZS 2908.2 - clause 6.6 - test method 8.2.5
Corrosion	Corrosion Tests undertaken by SGS Australia Pty. Ltd. and demonstrate that INEX > WEATHERBOARD does not accelerate corrosion on class 3 or higher metal fasteners & fixings.		
THERMAL PROPERTIES			
CHARACTERISTIC TYPE TEST			STANDARD
Thermal Conductivity	0.179 W/m.K		AS/NZS 4859.1-2002
R-Value at 16mm Thickness	0.09 m ² .K/W		AS/NZS 4859.1-2002
R-Value (typical wall system)	2.81 m ² .K/W		Building Code of Australia – Specification J.1 Assumes R2.5 thermal insulation, minimum 16mm cavity & 10mm plasterboard internal lining.
Flammability Index	1		AS 1530.2-1993
Ignitability Index	0		AS/NZS 1530.3-1999
Spread of Flame Index	0		AS/NZS 1530.3-1999
Heat Evolved Index	0		AS/NZS 1530.3-1999
Smoke Developed Index	1		AS/NZS 1530.3-1999
Material Group Number	1		AS/NZS 3837-1998 / BCA Spec. A2.4
Combustibility	PASS - Not deemed Combustible		AS 1530.1-1994 - clause 3.4 & AS/NZS 3837-1998 Building Code of Australia - Specification A2.4
Bush Fire Attack Level "BAL-40"	PASS		AS 1530.8.1-2007
Bush Fire Attack Level "BAL-FZ"	PASS		AS 1530.4-2014 & AS/NZS 3959-2018
Wall System - Fire Propagation Hazard	PASS		AS 5113:2016
Wall System - FRL 60/60/60	PASS		AS 1530.4-2014
OTHERS			
MATERIAL TEST			STANDARD / METHOD
Crystalline Silica Content	<0.5%		Raw materials specification
Asbestos	PASS - Asbestos Free		AS 4964-2004
Fungal Resistance	PASS - No growth		ASTM C1338-08
VOC Emission	Very Low (0.053mg/m ² /hr)		ASTM D5116
WET WEATHER & WEATHERPROOFING			STANDARD / METHOD
Wall System with Vert. Battens	PASS		BCA V2.2.1 & AS/NZS4284
Wall System with Top Hats	PASS		BCA V2.2.1 & AS/NZS4284



UBIQ

INEX > **BOARDS**[™]

FLOORING & CLADDING SOLUTIONS

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We advise all enquires to source the most current brochures and/or technical material available online at www.ubiq.au.