

**Products made from Weathertex
easyclad VJ and easyclad regency**

WEATHERTEX®

Weathertex is superiorly suited for semi-exterior wall or ceiling lining applications. Supplied primed on both sides for added protection they're ready for install and paint.

Physical Description/Properties:

Appearance: The products are manufactured as 9.5mm thick, pressed hardboards. They are made from wood fibres, which are reunited under heat and pressure. With the exception of Weathertex Wall Shingles, the products are paint coated on all surfaces. A PVC spline is inserted into the back of Weathertex Primelok.

- Boiling Point, °C:** Not Applicable
- Vapour Pressure, mm Hg at 25 °C:** Not Applicable
- Solubility in Water, g/l:** Negligible
- Specific Gravity:** 0.9-1.1
- Flash Point, °C:** Not Applicable
- Flammability Limits, %:** Not Applicable
- Autoignition Temp, °C:** Does not auto-ignite

Other Properties:

Early Fire Hazard Indices to AS 1530.3:

- Ignitability Index:14
- Spread of Flame Index:7
- Heat Evolved Index:6
- Smoke Developed Index:4

Ingredients:

Substance CAS No Proportion

- Hardwood (mixed eucalypt species) None > 95%
- Paraffin Wax 8002-74-2 < 4%
- Pigmented Primer < 1%



Physical Properties

PROPERTY	UNIT	TYPICAL VALUES
Density	kg/m ³	990
Mass/Unit Area	kg/m ²	9.4
Modulus of Rupture	MPa	30
Modulus of Elasticity	MPa	4500
Moisture content ex mill	%	7.5
Hydro Expansivity = change in face dimensions over the range of 50% to 90% relative humidity	%	0.25

* Note: ImpactBoard has a guaranteed minimum density rating of 1025 kg/m³.

Thermal Insulation

The thermal conductivity of Weathertex Weatherboard is 0.195W/mK. The thermal resistance R-value for the 9.5mm thickness is 0.05m²K/W.

ENERGY EFFICIENT HOUSING: is an initiative of the Australian Greenhouse Office and has been adopted by most States. House designs are assessed on a "star" rating principle (1 to 5 stars with 5 being the best). A Weathertex clad timber frame, internally lined and with various levels of insulation within the cavity will contribute to the achievement of energy efficiency.

INSULATION WITHIN WALL FRAMING CAVITY	R-Value of Total Wall m ² K/W
Nil	0.4
Double sided perforated reflective foil laminate (rfl) dished between studs	1.3
R1.5 bulk insulation between studs with breather foil or building paper under Weathertex	1.7
R1.8 bulk insulation between studs with breather foil or building paper under Weathertex	1.9

Sound Transmission

A wall consisting of 100mm x 50mm timber studs at 450mm centres, clad with Weathertex and lined internally with 5.5mm hardboard, was tested at the NATA registered, Building Material Acoustical Laboratory, Concord, NSW – STC 35. The sound transmission class can be increased to around STC 38-40 by using fibreglass or insulating board beneath the internal lining. Further STC data can be obtained in the "Weathertex and Fire" Factsheet.