

SANCELL AIR[®]

This proudly Australian made product is a general purpose reflective foil insulation, vapour barrier and radiant heat barrier product suitable for metal construction warehouse and shed systems. Sancell Air 310 boasts a material R Value of R 0.2 and has an anti-glare coating on one side to ensure safe and easy installation.

The flexibility of Sancell Air bubble core products makes them ideal for achieving drape when installed in roof systems. Sancell Air 310 is non-irritant and easier to manage and install than many bulk insulation systems. This product is also available with an optional 150mm lap for greater coverage, reduced waste and increased value.

310

THERMAL BREAK
0.20m² K/W

ALSO AVAILABLE WITH 150mm LAP



PRODUCT SPECIFICATIONS:

WIDTH	LENGTH	AREA	THICKNESS
1350mm	22.25m	30m ²	11mm (nominal)



- ✓ CONFORMS WITH AS/NZS 4859.1 : 2018
- ✓ RATED EXTRA HEAVY DUTY
- ✓ ANTI-GLARE COATING FOR SAFETY
- ✓ FIBRE FREE, NON-ITCHY & FORMALDEHYDE FREE
- ✓ FLAMMABILITY INDEX - LOW (≤5) WHEN TESTED TO AS1530.2
- ✓ ADVANCED THERMAL PERFORMANCE REFLECTS UP TO 97% OF RADIANT HEAT FLOW



PROUDLY MADE
IN AUSTRALIA

DATA SHEET



310 (MATERIAL R VALUE: R 0.20 K/W)_{m²K/W})

- This R-Value applies to a mean temperature of 23°C for Australian conditions

TOTAL SYSTEM R VALUES

SUMMER

WINTER

Flat metal roof, suspended ceiling, 300mm min. reflective air space	2.69	1.21
Pitched metal roof 22° flat ceiling, unventilated attic space	2.10	1.40
Pitched metal roof 22° flat ceiling, ventilated attic space	2.40	1.20
Metal clad wall, 100mm min. Reflective air space	1.50	1.60

Note: Calculations in accordance with 4859.1&2 incorporating thermal bridging to satisfy NCC2019 Section J

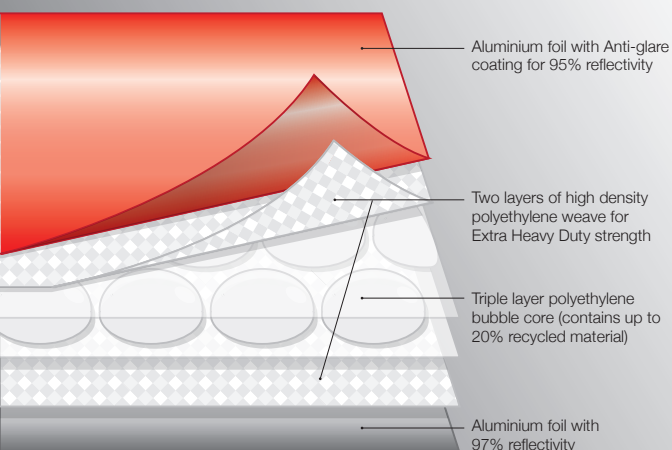
THIS PRODUCT MEETS THE REQUIREMENTS OF AS/NZS 4200.1

DUTY		EXTRA HEAVY DUTY	
VAPOUR CONTROL CLASSIFICATION		Class 2	Vapour Barrier
VAPOUR PERMEABILITY		0.0149 µg/N.s	
WATER CONTROL CLASSIFICATION		WATER BARRIER	
FLAMMABILITY INDEX		LOW (≤5)	
ELECTRICALLY CONDUCTIVE		CONDUCTIVE	

EMITTANCE	VALUE	CLASSIFICATION	CATEGORY
	0.03	IR REFLECTIVE	RR
	0.05	IR REFLECTIVE	

BAL RATING	For use in Roof Systems	BAL LOW to BAL 40
	For use in Wall Systems	BAL LOW to BAL FZ

PRODUCT CONSTRUCTION: 310 (MATERIAL R VALUE: R 0.20)



SAFETY INSTRUCTIONS

No personal protective equipment is required, however, it is recommended that UV protective sunglasses be worn when installing outside.

This product is non-hazardous.

This product contains aluminium foil which conducts electricity. When installing ensure that all electrical cabling, fittings, and wiring are in a safe condition and there is no potential for contact with live wiring or down-lights. Ensure a minimum 50mm clearance from light fittings (check for safe distance with lighting supplier) and ensure 50mm clearance around hot flues.

Plastic fixings should be used where any electrical componentry is in close vicinity of the installation materials. Do not use any metal fixings if working in close vicinity of electrical wiring.



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