

SANCELL THERM[®]

8.0
THERMAL
BREAK

Sancell Therm 8.0 Thermal Break combines a fire retardant extruded polyethylene closed cell foam core laminated to two layers of high performance reflective woven aluminium foil. This Heavy Duty rated product is suitable for installation in steel roof and steel wall cladding systems, perfect for warehouses and industrial sheds.

This proudly Australian made reflective foil insulation features an anti-glare coating on one side for safe installation as well as advanced thermal performance reflecting up to 97% of radiant heat flow. Sancell's 8.0 Thermal Break product provides an energy efficient insulation solution and is easy to install on a convenient, fibre-free, non-itchy roll.



PRODUCT SPECIFICATIONS:

WIDTH

1350mm
+150mm LAP

LENGTH

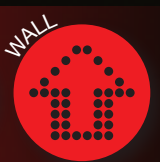
22.25m

AREA

30m²

THICKNESS

8mm (nominal)



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



DATA SHEET

SANCELL THERM[®]

8.0 THERMAL BREAK (MATERIAL R VALUE 0.20m² K/W)

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

TOTAL SYSTEM R VALUES

ROOF

WALL

	SUMMER	WINTER
Pitched metal roof, flat ceiling (Fully sealed airspace between metal roof & 8.0 Thermal Break)	2.59	1.21
Pitched metal roof (22° Warehouse), (Fully sealed airspace between metal roof & 8.0 Thermal Break)	1.53	0.90
Flat metal roof, Suspended Ceiling (Fully sealed airspace between metal roof & 8.0 Thermal Break)	3.08	1.28
Flat metal roof (Warehouse), (Fully sealed airspace between metal roof & 8.0 Thermal Break)	1.80	0.89
Metal clad wall	1.11	1.18
Metal clad wall & Plasterboard lining	1.68	1.73
Brick Veneer Wall	1.98	2.02
Double Brick Wall	2.14	2.18

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

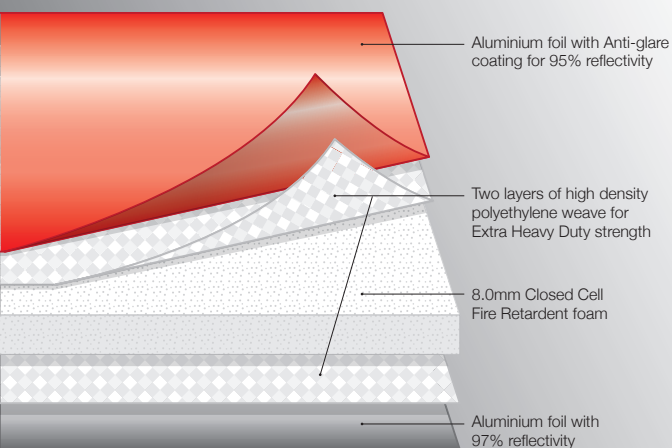
THIS PRODUCT MEETS THE REQUIREMENTS OF AS/NZS 4200.1

DUTY		EXTRA HEAVY DUTY	
VAPOUR CONTROL CLASSIFICATION		Class 2	Vapour Barrier
VAPOUR PERMEABILITY		0.0297 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: SANCELL THERM 8.0



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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