

SANCELL BREEZE®

UNDERFLOOR WITH DRAINAGE VALVE TECHNOLOGY

Sancell Underfloor is a reflective foil insulation suitable for use under floors with a sealed air space between flooring and enclosed sub-floor space. The 1500mm wide rolls allow for easy installation under joists while the 500mm narrow rolls allow for easy installation between joists and are particularly suited to retro-fit applications.

Sancell Underfloor products reduce drafts through strip flooring and boasts drainage valve technology which allows moisture to escape.



Available in:
500mm x 20m
ROLLS
(3 rolls per bag)

Available in:
1500mm x 30m
ROLLS



PRODUCT SPECIFICATIONS:

WIDTH	LENGTH	AREA	THICKNESS
500mm x 3 Rolls	20m	30m ²	4mm (nominal)

WIDTH	LENGTH	AREA	THICKNESS
1500mm	30m	45m ²	4mm (nominal)

- ✓ CONFORMS WITH AS/NZS 4859.1 : 2018
- ✓ ANTI-GLARE COATING FOR SAFETY
- ✓ FIBRE FREE, NON-ITCHY & FORMALDEHYDE FREE
- ✓ ADVANCED THERMAL PERFORMANCE REFLECTS UP TO 97% OF RADIANT HEAT FLOW



DATA SHEET



BREEZE (MATERIAL R VALUE: R 0.10_{m² K/W})

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

UNDERFLOOR WITH DRAINAGE VALVE TECHNOLOGY

FLOOR

TOTAL SYSTEM R VALUES - (SILVER SIDE FACING UP)

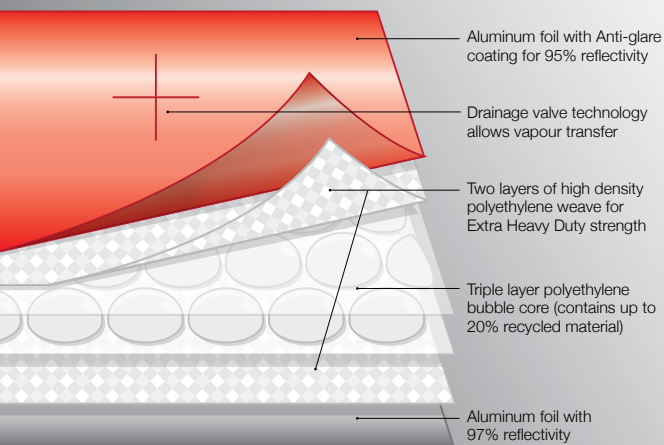
	WINTER	SUMMER
Suspended Timber Floor (sub-floor unenclosed)	1.49	0.77
Suspended Timber Floor (sub-floor enclosed by plinth boards, bricks or similar around the perimeter of the building) For upward facing bright foil surfaces of horizontal insulation in non-vented cavities where no special precautions for prevention of air ingress have been included	2.69	1.52
Suspended Timber Floor (sub-floor enclosed by plinth boards, bricks or similar around the perimeter of the building) For upward facing bright foil surfaces of horizontal insulation in non-vented cavities where the cavity is assumed to be sealed	3.28	1.59

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 3	Vapor permeable	
VAPOUR PERMEABILITY	0.2500 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	

PRODUCT CONSTRUCTION: UNDERFLOOR (WITH DRAINAGE VALVE TECHNOLOGY)



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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