

LYSAGHT SUPATHERMIC[®]-11



DESCRIPTION

SUPATHERMIC™-11 is a 3-in-1 insulation, vapour barrier and radiant heat barrier for use in roofing, walling and flooring systems. The fibre-free, non-allergenic, formaldehyde-free materials used in SUPATHERMIC™-11 provide a safe solution which is also easy to install. SUPATHERMIC™-11 is strong, durable, has low flammability index (≤ 5) and achieves a thermal break of R-0.2. SUPATHERMIC™-11 is supplied with an anti-glare finish to assist installation.

Product Code	Description	Thickness (mm)	R-Value (m ² K/W)	Dimensions (m)	m ² /pack
INSB11135030	iB Cell Antiglare	11	R-0.20	1.35 x 22.25	30

FINISHED PRODUCT PERFORMANCE Compliance to AS/NZS 4859.1 & AS 4200.1

This product should be installed in accordance with AS 4200.2.

Test	Description	Parameter
ASTM E -408	Emissivity	Reflective Silver 0.03 / Anti-Glare 0.05
AS/NZS 4859.1 App-I	Surface Corrosion	Pass
ASTM 1530.2	Flammability Index	Low (≤ 5)
ASTM 1530.3	Early Fire Hazard	0/0/0/1
AS 1301.448	Duty Rating, Tensile Strength	EXTRA HEAVY DUTY
TAPPI T470	Duty Rating, Edge Tear Resistance	EXTRA HEAVY DUTY
AS/NZS 4201.1	Resistance to Dry Delamination	Pass
AS/NZS 4201.2	Resistance to Wet Delamination	Pass
AS/NZS 4201.4	Water Control Classification	Water Barrier
ASTM E-96	Vapour Classification (VCM)	Class 2, Vapour Barrier
AS/NZS 4201.5	Electrical Conductivity	Conductive

THERMAL PERFORMANCE

	Application	Winter	Summer
Roof	Flat Metal roof, suspended ceiling, 300mm min. reflective air space	1.23	2.77
	Pitched metal roof 22° flat ceiling, unventilated attic space	1.39	2.23
	Pitched metal roof 22° flat ceiling, ventilated attic space	1.17	2.49
Wall	Metal clad wall, 100mm min. reflective air space	1.64	1.60

The total R-values of the above systems for winter and summer conditions have been determined in accordance with the requirements of AS/NZS 4859.1. The contribution of this product total R-value depends on installation and environmental conditions. The R-value will be reduced in the event of the accumulation of dust on upward facing surfaces and in those cavities that are ventilated. Where the cavity is sealed, it is assumed there is no dust and hence emittance is not derated.

SAFETY INSTRUCTIONS

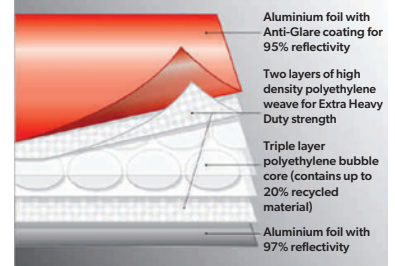
No personal protective equipment is required, however, it is recommended that UV protective sunglasses be worn when installing outside. This product is non-hazardous. When installing ensure that all electrical cabling, fittings, and wiring are in a safe condition and there is no potential for contact 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.

- ✓ Australian made
- ✓ NCC/BCA Compliant
- ✓ The ultimate protection

Product Specification	
Width	1350mm (+0.15m Flap)
Length	22.25m
Thickness	11mm
Area	30m ²
Roll Weight	12.5kg (Approx.)
Product Code	INSB11135030



Product Construction: 310 (Material R-Value: R 020)



Fire Performance Bushfire Attack Level

SUPATHERMIC™-11

Roof: Low - BAL 40

Wall: Low - BAL FZ

PRODUCT DESCRIPTIONS

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