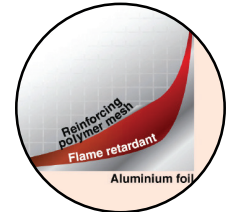


# RHINO FOIL UNDERFLOOR

## RFUF-5060



- ✓ Satisfy BCA specifications and requirements for Reflective Foil Laminates.
- ✓ Complies with the specifications and requirements of AS/NZS 4200.1 for "Pliable Building Membranes" which is a manual recognised by the BCA Part 3.5 Roof and Cladding.
- ✓ Low Flammability Index in accordance with AS 1530.2  $\leq 5$
- ✓ Satisfy BCA Part 3.7.1 Fire Hazard Properties.
- ✓ Satisfy Health and Safety Regulations.



### PRODUCT INFORMATION

Rhino Foil Products are specifically manufactured to the highest industry standards.

**UNDERFLOOR INSTALLATION** - Rhino Foil Underfloor is a Medium Duty, High Permeance floor insulation, designed for use under floors with a sealed air space between flooring and enclosed sub-floor space. Double-sided reflective surfaces provide increased R-value to your floor system. 5mm weep holes at 300mm intervals in the membrane allows water and water vapour to permeate through, preventing moisture build-up under flooring.

### RHINO FOIL UNDERFLOOR USAGE

#### APPLICATION

- Rhino Foil Underfloor is designed to use as an insulation under floors with a sealed airspace between flooring and enclosed sub-floors space.
- Where the sub-floor is exposed to wind, e.g. in pole construction, a lining should be installed under the floor joists.

#### INSTALLATION BETWEEN JOISTS

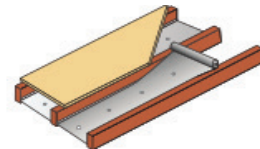
- Install Rhino Foil Underfloor between joists by rolling along the tops of the joists, keeping the material under tension with one and fastening with a hammer tacker.
- To ensure maximum durability, only galvanised staples should be used.
- Rhino Foil Underfloor should be installed at least 90mm from the underside of flooring, i.e. at the bottom of a standard joist. Joins should overlap by 50mm and be taped with ducting tape.

#### IN REFLECTIVE FOILLAMINATE APPLICATION

- Use only in accordance with AS/NZS 4200.2 for the "Installation Requirements for Pliable Building Membranes"
- Minimum of 20mm air space is recommended adjacent to reflective foil face to achieve maximum insulation values
- Use the content as per datasheet

#### SUSPENDED FRAMED FLOOR

- Typical suspended framed floor, enclosed, unventilated, 90mm reflective air space, with one layer of Rhino Foil Underfloor installed between floor joists.



#### Recommended Applications and Properties

Recommended Applications and Properties	
	RFUF-5060
Residential Underfloor Insulation	✓
Duty	Medium
Vapour Classification (VCM)	Class 3, Vapour Permeable
Emittance	Reflective ( $\leq 0.05$ )
Water Control Classification	Non-Water Barrier
Flammability Index	Low ( $\leq 5$ )
Tensile Strength Machine Direction (kN/M)	min 9.5
Tensile Strength Lateral Direction (kN/M)	min 6.0
Edge Tear Resistance Machine Direction (N)	min 65
Edge Tear Resistance Lateral Direction (N)	min 65
Water Vapour Transmission Rate (Ng/Ns)	min 140
Emittance of Reflective Face	max 0.05
Electrical Conductivity	Conductive
Availability	
Width 500mm Length 60m Area 30m <sup>2</sup>	✓

#### DECLARED TOTAL SYSTEM R-VALUES

	On	Winter	Summer
Enclosed Sub-floor unventilated		3.6	1.5
Unenclosed Sub-floor ventilated		2.2	0.7

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.

Thor Building Products Pty Ltd reserves the right to change product specifications without prior notice. Information in this publication and otherwise supplied to users as to the subject product is based on our general experience and is given in good faith, but due to the many particular factors which are outside our knowledge and control and affect the use of products, no warranty is given or is to be implied with respect to either such information or the product itself, in particular the suitability of the product for any particular purpose. The purchaser should independently determine the suitability of the product for the intended application. For the most current version of this publication refer to our website <https://thorbuilding.com.au/downloads>.

## RHINO FOIL UNDERFLOOR RFUF-5060

### THE ULTIMATE PROTECTION

Proudly Supplied by  
Thor Building Products P/L

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