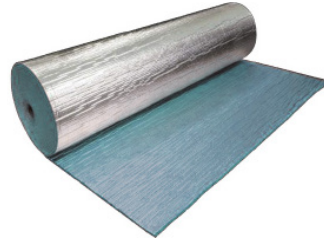
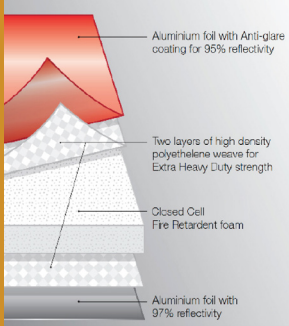


# RHINO FOAM 80 THERMAL BREAK



## PRODUCT DESCRIPTION

Rhino Foam 80 AG Thermal Break combines an inner layer of fire retardant foam core laminated to two layers of high performance reflective woven aluminium foil. Rhino Foam 80 Insulation features an anti-glare coating on one side for safe, easy installation as well as advanced thermal performance reflecting up to 97% of radiant heat flow. Our Thermal Break product provides an energy efficient solution for roof and wall applications and is easy to install on a convenient, fibre-free, non-itchy roll.

**Unique: 150mm flap eliminates need for overlap, saving up to 10%.**

Product Specification	
Width	1350mm (+0.15m Flap)
Length	22.25m
Thickness	8.0mm (Nominal)
Area	30m <sup>2</sup>
Roll Weight	15kg (Approx.)
Product Code	RF-80AG

Product Code	Description	Thickness (mm)	R-Value (m <sup>2</sup> K/W)	Dimensions (m)	m <sup>2</sup> /pack
RF-80 AG	Rhino Foam 80 AG	8.0mm	R-0.20	1350mm x 22.25m (+0.15m flap)	30

## FINISHED PRODUCT PERFORMANCE

### Compliance to AS 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, <i>Tensile Strength</i>	EXTRA HEAVY DUTY
TAPPI T470	Duty Rating, <i>Edge Tear Resistance</i>	EXTRA HEAVY DUTY
AS 4201.1	Resistance to Dry Delamination	Pass
AS 4201.2	Resistance to Wet Delamination	Pass
AS 4201.4	Water Control Classification	Water Barrier
ASTM E-96	Vapour Classification (VCM)	Class 2, Vapour Barrier
AS 4201.5	Electrical Conductivity	Conductive

## THERMAL PERFORMANCE

Application		Winter	Summer
Roof	Pitched Metal Roof, flat ceiling (Fully-Sealed Airspace between Metal Roof & RF-80 AG)	1.3	2.8
	Pitched Metal Roof (22° Warehouse) (Fully-Sealed Airspace between Metal Roof & RF-80 AG)	1.0	1.7
	Flat Metal Roof, suspended ceiling (Fully-Sealed Airspace between Metal Roof & RF-80 AG)	1.4	3.9
	Flat Metal Roof (Warehouse) (Fully-Sealed Airspace between Metal Roof & RF-80 AG)	1.0	2.1
Wall	Metal Clad Wall	1.1	1.1
	Metal Clad Wall & Plasterboard Lining	1.7	1.8
	Double Brick Wall	2.1	2.1
	Brick Veneer Wall	2.0	2.0

The total R-values of the above systems for winter and summer conditions have been determined in accordance with the requirements of AS/NZS4859.1. 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.

## BAL (BUSHFIRE ATTACK LEVEL) RATING

Roof	Low (BAL 40)
Wall	Low (BAL FZ)

### 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.

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>.

AUSTRALIAN MADE  
NCC/BCA Compliant

# RHINO FOAM 80 THERMAL BREAK

## THE ULTIMATE PROTECTION

Proudly Supplied by  
Thor Building Products P/L

☎ 1300 880 828

✉ [sales@thorbuilding.com.au](mailto:sales@thorbuilding.com.au)

🌐 [www.thorbuilding.com.au](http://www.thorbuilding.com.au)

June 2020