

## Permastop® Building Blanket

Making metal roofs better

### Product description and typical applications

Permastop® Building Blanket is a high quality insulating product that features excellent thermal and acoustic performance. It is a glasswool insulation blanket faced on one side with Sisalation® reflective foil laminate that is non-permeable to moisture. Permastop® Building Blanket is available in a wide range of Sisalation® foil facings. For ease of installation the Sisalation® foil facing features a 150mm foil lap on one side edge. When the foil surface is required to maintain a vapour barrier, all joints should be sealed with a suitable Fletcher Insulation® foil tape.

Permastop® Building Blanket provides condensation control under metal deck roofs, behind wall cladding, and under concrete roof structures and reduces heat loads entering a building. It also provides an excellent solution for acoustic treatment of metal clad buildings by reducing internal reverberation and unwanted noise created by rain, hail, and the expansion and contraction of metal roofing and cladding.

In hot and humid tropical regions, Permastop® Building Blanket may be installed with the foil facing down and the blanket in contact with the underside of the roof. In such applications an optional separate foil may be installed on the underside for enhanced aesthetic appearance.

**Permastop® Building Blanket insulation features a Next Generation formula that provides a softer feel for more comfortable handling.**

Product Type	Product Thickness	Material R-value	Product Code	Dimensions m x mm	Area per roll m <sup>2</sup>
Permastop® Building Blanket Light Duty Sisalation® Foil Facing	55	R1.3	912150	15 x 1200	18
	55	R1.3	912200	15 x 1400	21
	75	R1.8	913150	15 x 1200	18
	75	R1.8	912075	15 x 1400	21
	90	R2.0	914162	15 x 1200	18
	100	R2.3*	914163	10 x 1200	12
	100	R2.5*	914100	10 x 1200	12
	130	R3.0	930100	10 x 1200	12
	130	R3.2	930101	10 x 1200	12
Permastop® Building Blanket Medium Duty Sisalation® Foil Facing	130	R3.6	930360	6.5 x 1200	7.8
	55	R1.3	917150	15 x 1200	18
	75	R1.8*	918150	15 x 1200	18
	100	R2.5*	919100	10 x 1200	12
	130	R3.0	931100	10 x 1200	12
	130	R3.2	930201	10 x 1200	12
	130	R3.6	930362	6.5 x 1200	7.8
Permastop® Building Blanket Heavy Duty Sisalation® Foil Facing	55	R1.3	927150	15 x 1200	18
	75	R1.8*	928150	15 x 1200	18
	100	R2.5*	929100	10 x 1200	12
	130	R3.0	932100	10 x 1200	12
	130	R3.2	930301	10 x 1200	12
	130	R3.6	930364	6.5 x 1200	7.8

White and Black foil facings are available upon request. Contact your nearest sales office for details.

\*Permastop® Building Blanket 130mm R3.2 and R3.6 are respectively manufactured in increasing density to achieve the higher R-value.

### Total R-values

A summary of Total R-values for typical roof systems is illustrated in the Permastop® Building Blanket brochure, or more comprehensive calculations can be viewed in the ICANZ Insulation Handbook which can be found at [www.icanz.org.au](http://www.icanz.org.au)>PublicationsandReports>InsulationHandbook, or contact Fletcher Insulation® Technical Services on 1800 000 878.

**NEXT GENERATION FORMULA**

**Now with a softer feel for more comfortable handling**

AS/NZS 4859.1:2002 - Including Amendment 1  
Materials for the Thermal Insulation of Buildings

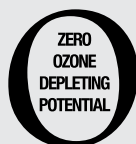
Permastop® Building Blanket comply with the Energy Efficiency provisions of the BCA for all types of thermal insulation to be certified by a NATA accredited organisation.



Global-Mark.com.au®  
ID Number: 100577



Global-Mark.com.au®



**PERMASTOP®**  
Making metal roofs better

**Fletcher®  
Insulation**

*We safely deliver extraordinary value to our customers*

## Green Star compliant

Fletcher Insulation® is committed to providing environmentally sustainable products. Fletcher Insulation® products have Zero Ozone Depleting Potential in both manufacture and composition, complying with the GreenStar Insulant ODP Emissions credit requirement. VOC emissions are low.

## AS1530.3 Early fire hazard properties of materials

Permastop® Building Blanket exhibits the following characteristics when tested in accordance with AS1530 Part 3.

Ignitability Index	0
Spread of Flame Index	0
Heat Evolved Index	0
Smoke Developed Index	1

## Moisture absorption

In the event of Permastop® Building Blanket becoming wet, it should be dried prior to installation to obtain maximum performance and prevent damage to other building elements.

## Alkalinity

When tested in accordance with British Standard 3958, Fletcher Insulation® glasswool products are slightly alkaline pH9 (neutral is pH7).

## Maximum service temperature

Permastop® Building Blanket is manufactured for use at temperatures that are normally experienced in building systems. Permastop® Building Blanket maximum and minimum service temperatures range from sub-zero to a maximum of 340°C. The surface temperature of Permastop® Building Blanket faced with Sisalation® foil should not exceed 70°C.

## Specification notes

State the following:

- Product name - Permastop® Building Blanket
- Facing required - e.g. Sisalation® Light/Medium/Heavy Duty
- Material R-value required

Note: The Total R-value or thermal performance of building systems with reflective foils depends on the installation method used and the direction of heat flow.



The production of environmentally sustainable FBS-1 Glasswool Bio-Soluble Insulation® utilises approximately 80% recycled waste glass.



Low Allergen content with the ability to moderate temperature changes.



Fletcher Insulation® glasswool products are manufactured from FBS-1 Glasswool Bio-Soluble Insulation®. FBS-1 Glasswool Bio-Soluble Insulation® is not classified as hazardous according to the criteria of the Australian Safety and Compensation Council (formerly NOHSC), Approved Criteria for Classifying Hazardous Substances (NOHSC: 1008) 3rd Edition. Fletcher Insulation® glasswool is classified as safe to use, refer to our MSDS.



Fletcher  
Insulation®

For further information call **1300 65 44 44**

Email [info@insulation.com.au](mailto:info@insulation.com.au) Web [www.insulation.com.au](http://www.insulation.com.au)

The colour PINK and Pink® are registered trademarks of Owens Corning used under licence by Fletcher Insulation.

© Fletcher Insulation Pty Limited 2013. Fletcher Insulation reserves the right to change product specifications without prior notification. 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 because of 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. Unless otherwise stated all ™ and ® are trademarks and registered trademarks of Fletcher Insulation Pty Limited ABN 72 001 175 355.