



ANTICON™ FACED GLASSWOOL BLANKET

Introduction

Bradford Anticon™ Roofing Blanket is lightweight insulation specially designed for use in residential and commercial buildings.

Product Description

Bradford Anticon™ Roofing Blanket consists of a glasswool blanket adhered to reinforced reflective thermofoil facing.

The glasswool blanket is manufactured by spinning molten glass, containing up to 65% recycled content, into fine wool like fibres. These are bonded together using a thermosetting resin. The Bradford Thermofoil facing extends 150mm beyond one longitudinal edge of the blanket to provide an overlap when installed. The product can be identified by its golden appearance and foil facing.

Applications

Anticon™ Roofing Blanket is designed to provide efficient thermal insulation and condensation control under metal deck, fibre cement and concrete roofs in residential or commercial applications. The name “Anticon™” reflects the anti-condensation function of this product. Typical Applications include;

- Residential metal clad roofs
- Commercial and industrial metal clad and fibre cement roofs eg. offices, shopping centres, warehouses (refer Note 1)
- Under concrete* slabs in carparks

For optimum thermal performance the bright side of the Thermofoil is positioned in a downward direction adjacent to a still air space. Anticon™ is designed to reduce rain and aircraft noise and can also substantially reduce reverberant noise within the building.

Health and Safety

This product is manufactured to the latest Fibre Bio-Soluble (FBS-1) Glasswool formulation and is not classified as hazardous according to the criteria of the ASCC (formally NOHSC) guidelines. For further information refer MSDS sheet on Bradford website.

Benefits

- Lightweight insulation blanket
- Available in a range of thicknesses to meet BCA energy efficiency provisions.
- Reduces overall building energy usage
- Helps prevent condensation
- Reduces rain noise
- Can be stored externally in water resistant packaging
- Can be custom cut to required length to reduce waste and installation time
- Made from a biosoluble formulation
- Manufactured in Australia

Available Facings

Bradford Anticon™ Roofing Blanket is supplied with a range of factory applied reinforced laminated aluminium foil facings. Standard Anticon™ consists of Light Duty Thermofoil. Refer to table below for the range of foil facing applications:

Support Spacing	Foil Duty (AS4200.1)
≤ 600	Light Duty
≤ 900	Medium Duty
≤ 1200	Heavy Duty
>1200	Use support mesh with any of the above

To enhance the versatility of Anticon™ a number of other factory applied facings are available to order. e.g. Black foil or Thermoplast white decorative membrane. These orders may be subject to minimum order quantities and longer lead times, Contact Bradford Insulation for further information.

Applications

- Always ensure that the insulation can recover to its design thickness by using Bradford Spacer Systems
- Foil repairs and penetrations must be treated with Bradford Foil or Thermoplast tape
- Consult with your Bradford Insulation Sales Representative for high humidity applications

Note 1: Applications must be sealed against the ingress of water and prevent the passage of water through joints or penetrations

ANTICON™ FACED GW BLANKET

SKU Table

Product	Material R-value See Note	Thickness (mm)	Nominal Length (m)	Nominal Width (mm)	Nominal Coverage m ²	Nominal Pack Weight kg
Anticon™ 55	R1.3	60	15	1200	18	11.9
Anticon™ 55	R1.3	60	15	1400	21	13.9
Anticon™ 75	R1.8	80	15	1200	18	15.9
Anticon™ 95	R2.3	100	10	1200	12	13.2
Anticon™ 110	R2.5	110	10	1200	12	14.5
Anticon™ 100 HP	R2.5	100	10	1200	12	16.8
Anticon™ 120	R2.6	120	10	1200	12	17.9
Anticon™ 125	R2.8	125	10	1200	12	18.5
Anticon™ 130	R3.0	130	10	1200	12	17.2
Anticon™ 140	R3.3	140	7.5	1200	9	21.0
Anticon™ 145	R3.6	145	7.5	1200	9	24.8

Note: Stated material performance is a function of thickness - always ensure that the insulation can recover to its stated thickness by using Bradford Spacer Systems

Physical Properties

Maximum Service Temperature		Glasswool: 350°C; Reflective foil 70°C
Fire Hazard Properties	When tested in accordance to AS/NZS 1530.3:1999	<ul style="list-style-type: none"> • Ignitability: 0 • Spread of flame: 0 • Heat Evolved: 0 • Smoke Developed: 1
Corrosion Resistance	When tested in accordance with BS 3958.5:1969	pH 7.5-8.0 Incapable to corrode steel
Moisture Absorption	When left in a controlled atmosphere of 50°C and 95% relative humidity for four days	Less than 0.2% by volume
AS4859 Compliance	Complies with AS/NZ4859.1 "Materials for the thermal insulation of buildings"	Complies
Sample Specification		The insulation material shall be Bradford Anticon™ Glasswool Roofing Blanket, Anticon (55, 75, 95 100HP, 110, 120, 125, 130, 140, 145) faced with (Specify foil facing).

Sound Absorption

When tested in a reverberation chamber in accordance with ASISO354-2006

Product	Thickness	Frequency (Hz)						
		(mm)	125	250	500	1000	2000	4000
Anticon™ 130 Thermofoil LD	130	0.6	1.00	1.00	0.70	0.40	0.25	0.85