



# 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 an impermeable reinforced reflective foil facing.

The glasswool blanket is manufactured by spinning molten glass, containing up to 80% 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 etc
- Under concrete slabs in carparks

For optimum thermal performance, 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. For optimum acoustic treatment of rain noise on metal roofs use Bradford Acousticon.

## 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 due to water resistant packaging
- Can be custom cut to required length to reduce waste and installation time
- Non combustible
- Made from biosoluble formulation

## 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. For batten spacing >900mm or when premium tear and puncture resistance is required, specify Medium Duty or Heavy Duty Thermofoil facing foil.

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

## 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.

## SKU Table

Product	Material R-value	Thickness (mm)	Nominal Length (m)	Nominal Width (mm)	Nominal Coverage	Nominal Pack Weight
Anticon 55	R1.3	60	15	1200	18	11.88
Anticon 55	R1.3	60	15	1400	21	13.86
Anticon 75	R1.8	80	15	1200	18	15.84
Anticon 95	R2.3	100	10	1200	12	13.2
Anticon 110	R2.5	110	10	1200	12	14.52
Anticon 100 HP	R2.5	100	10	1200	12	16.8
Anticon 130	R3.0	130	10	1200	12	17.16

# ANTICON FACED GW BLANKET

## Physical Properties

<b>Density</b>	kg/m <sup>3</sup>	Standard 11 HP (High Performance) 14
<b>Maximum Service Temperature</b>		Glasswool: 350°C; Reflective foil 70°C
<b>Fire Hazard Properties</b>	When tested in accordance to AS/ NZS 1530.3:1999	<ul style="list-style-type: none"> <li>• Ignitability: 0</li> <li>• Spread of flame: 0</li> <li>• Heat Evolved: 0</li> <li>• Smoke Developed: 0</li> </ul>
<b>Corrosion Resistance</b>	When tested in accordance with BS 3958.5:1969	pH 7.5-8.0 Incapable to corrode steel
<b>Moisture Absorption</b>	When left in a controlled atmosphere of 50°C and 95% relative humidity for four days	Less than 0.2% by volume
<b>AS4859 Compliance</b>	Complies with AS/NZ4859.1 "Materials for the thermal insulation of buildings"	Complies
<b>Sample Specification</b>		The insulation material shall be Bradford Anticon Glasswool Roofing Blanket, Anticon (55, 75, 95 100HP, 110, 130) faced with (Specify foil facing). For installation specifications refer to the Bradford Insulation Building Design Guide.

## Sound Absorption

When tested in a reverberation chamber in accordance with AS 1045:1988

Product	Thickness (mm)	Frequency (Hz)							
		125	250	500	1000	2000	4000	5000	NRC
Anticon 55 Thermofoil LD	60	0.34	0.86	1.04	0.41	0.2	0.07	0.04	0.65
Anticon 75 Thermofoil LD	80	0.60	1.21	1.21	0.41	0.28	0.10	0.12	0.70
Anticon 95 Thermofoil LD	100	0.72	1.43	1.43	0.43	0.26	0.14	0.08	0.75

ANTICON FACED GW BLANKET - DATA SHEET