



ECOROOF® BUILDING BLANKET

REFLECTIVE FACED GLASSWOOL INSULATION BLANKET

Description

ECOROOF® Building Blanket is a glasswool blanket faced with a high quality Ametalin Heavy Duty facing reflective foil laminate on one side. Glasswool FB-1 Bio-Soluble Insulation made %80 recycled glass. For ease of installation, the reflective foil laminate has a 150mm overlap along one side (lengthwise) for sealing the blanket.

Applications

ECOROOF® Building Blanket is suitable for use in both commercial and residential metal roof and wall applications, as well as under slab concrete soffit applications, when installed behind a ceiling or wall lining. It provides effective thermal and acoustic properties by reducing heat transfer and minimizing the internal reverberation and flow of unwanted nuisance noise generated from adjacent buildings/rooms and/or the external environment.

Product Data

Material R-value m² K/W	Thickness mm	Width mm	Length m	Facing
R1.3	55	1200	15	HD
R1.8	75	1200	15	HD
R2.3	100	1200	10	HD
R3.0	130	1200	6	HD
R3.6	145	1200	6	HD

Physical Properties

Property	Test Method/Standard	Result	Unit
Thermal Resistance R-value	AS/NZS 4859.1	Complies	m² K/W
Moisture absorption	When exposed to environmental conditions of 50°C and 95% relative humidity for four days	0.2	% by volume

Fire Hazard Properties

Property	Test Method/ Standard	Unfaced	EcoRoof® HD Facing Foil
Combustibility Unfaced glasswool insulation	AS/NZS 1530.1	Non combustible	Not applicable on faced products
Flammability Index Reflective foil	AS/NZS 1530.2		≤5
Early Fire Hazard Indices			
Ignitability Index	AS/NZS 1530.3		0
Spread of Flame Index			0
Heat Evolved Index			0
Smoked Developed Index			2

Compliance

- Not Deemed Combustible AS/NZ 1530.1 by IGNIS Labs Pty Ltd
- Complies with AS/NZS 4859.1 by AWTA Product Testing
- When tested to AS/NZS 1530.3 this product does not exceed the 'Spread of Flame' or 'Smoke Developed'
- Group Number (1): Complies with Claus C2D11 of the National Construction Code 2022 Volume 1 (NCC) to be used as wall and ceiling lining within **all Class 2-9** application according to IGNIS Labs Pty Ltd (Accreditation Number: IAS TL-1162)

Health and Safety

ECOROOOF® Building Blanket is manufactured from FBS-1 Glasswool Bio-Soluble Insulation. FBS-1 Glasswool Bio-Soluble Insulation® is safe to use and is classified as non-hazardous according to the criteria of Safe Work Australia. EcoRoof® Building Blanket contains aluminium foil and can conduct electricity. To avoid electrocution, care should be taken to ensure products do not come into contact with electrical wiring during installation or use.