

PerformINS

HD PLUS ROOFING BLANKET

Product Description

Australian made PerformINS Roofing Blanket HD Plus consists of a Brown Glasswool Blanket adhered to a Heavy Duty Reflective Facing Foil.

The Glasswool Blanket is new and improved and is super soft to touch. It is made from a minimum 80% recycled glass content.

The Heavy Duty Reflective Foil is a high strength puncture resistant reflective foil facing which provides outstanding tensile and tear strength with a superior visible surface finish. Facings are available in Silver and White. The reflective foil is produced with ease in mind with a 150mm overlap.



Material R-Value	Nominal Thickness (mm)	Foil Face Type	Dimensions (mm)	Area Per Roll (m ²)
R1.3	55	Heavy Duty	15m x 1200	18
R1.8	75	Heavy Duty	15m x 1200	18
R2.5	100	Heavy Duty	10m x 1200	12
R3.0	130	Heavy Duty	10m x 1200	12
R3.2	130	Heavy Duty	10m x 1200	12
R3.6	130	Heavy Duty	6.5m x 1200	7.8

PerformINS HD Plus Roofing Blanket is available cut to length to reduce installation time. The 150mm lap can be ordered LHS, RHS or centrally bonded.

Application

Designed for applications under metal, concrete and fibre cement roof cladding. The reflective foil face faces down toward the air space under the roof and prevents airborne moisture from reaching the surface of the roof sheet.

PerformINS Roofing Blanket HD Plus also provides an excellent acoustic insulative barrier. It reduces nuisance noise coming in from outside the roof space, such as aircraft and rain noise, as well as from within by absorbing reverberant noise.



Global-Mark.com.au®



Specification Compliance

AS/NZS 4859.1: 2002 Materials used in the thermal Insulation of buildings and complies with the Building Code of Australia (BCA) requirements.

Green Credentials

- Reduces energy usage to deliver cost savings
- Good Environmental Choice Australia (GECA) certified
- No harmful levels of Volatile Organic Compounds (VOC's) are released
- Avoids the use of Ozone Depleting Potential (ODP) substances in the manufacture

Bio-Solubility

FBS - 1 Glasswool Bio-Soluble Insulation – safe to use and meets the criteria of the Australian Safety and Compensation Council (formerly NOHSC) to be classified as non – hazardous.

Thermal Conductivity

AS/NZS 4859.1: 2002
ASTM C 518

Thermal Resistance

AS/NZS 4859.1: 2002
ASTM C 653

Emittance

The emittance of the reflective Silver, Grey and White facing is 0.05

Water Absorption

Water Vapour Absorption (ASTM C 1104) Less than 0.5% by weight.

Corrosion Resistance

British Standard 3958 rating pH9. (pH7 is neutral) It will not promote or accelerate the corrosion of steel or galvanised steel studs provided they are protected from external contamination.

Does not support microbial growth.

Early Fire Hazard Properties

PerformINS HD Plus Roofing Blanket achieves the following results when tested in accordance with AS1530.3-1999:

Ignitability Index 0
Spread of Flame Index 0
Heat Evolved Index 0
Smoke Developed Index 3

Fire Performance – Bushfire Attack Level (BAL)

PerformINS HD Plus Roofing Blanket meets the requirements for BAL 12.5-40 as outlined in AS 3959 for metal roofs. The glasswool component of PerformINS HD Plus Roofing Blanket is non-combustible in accordance with AS 1530.1 and is suited for sealing ember entry points at ridges, valleys and fascias to meet the BAL requirements for metal clad roofs in bushfire areas. The reflective foil facing component satisfies the BCA flammability index requirement of ≤ 5 .

Specification Notes

The insulation material shall be PerformINS roofing blanket with a Material R-value of R ____ m² K/W (specify Material R-value) at a nominal thickness of ____ mm (specify nominal thickness)