

Single-Sided Foil Housewrap Antiglare

Insulation

Knauf Insulation Single-Sided Foil Housewrap provides insulation. When installed in conjunction with an air space Knauf Insulation Single-Sided Foil Housewrap Antiglare is an excellent barrier to radiant heat helping to keep homes cool in summer and warm in winter. Energy efficiency is enhanced and greenhouse gas emissions are reduced.

Protection

Knauf Insulation Single-Sided Foil Housewrap Antiglare is constructed of sealed polypropylene laminated with a thermoplastic fire retardant adhesive to Aluminium. Knauf Insulation Single-Sided Foil Housewrap Antiglare provides an extremely durable barrier that will stand up to the rigours of installation. After completion Knauf Insulation Single-Sided Foil Housewrap Antiglare acts as a second skin sealing out wind driven rain, salt laden air, lead polluted air, damp, drafts, heat and high humidity.

Application

Knauf Insulation Single-Sided Foil Housewrap Antiglare is ideal for use in all regions of Australia for residential and commercial construction. If there is any doubt as to the suitability of Knauf Insulation products in any specified use, or if the use is outside the applications referred to within this guideline, the manufacturers written approval should be sought.

Flammability

Knauf Insulation Single-Sided Foil Housewrap Antiglare is fire retardant and will not contribute to the spread of flame. Knauf Insulation Single-Sided Foil Housewrap Antiglare creates a fire retardant skin in homes that helps to prevent the ingress of burning embers and sparks.

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Benefits

- Knauf Insulation Single-Sided Foil Housewrap Antiglare Fire Retardant Building Foil/Sarking is manufactured to Australian Standard AS/NZS 4200:1
- Knauf Insulation Single-Sided Foil Housewrap Antiglare is a light weight, heavy duty sarking specifically designed for use in brick veneer cavity walls that are intended to be insulated with mineral wool batts. It acts as a protective radiant barrier both during and after construction maximising the insulative performance of the wall system. Knauf Insulation Single-Sided Foil Housewrap Antiglare has a blue antiglare coating on the foil surface, this surface is intended to be installed to the outside of the studs and noggins.

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Classification

Knauf Insulation Single-Sided Foil Housewrap Antiglare displays the following characteristics -

Classification in accordance with AS/NZS 4200.1:

Duty.....	Heavy
Vapour Barrier	High
Emittance	0.2
Water Barrier.....	High
Flammability Index.....	Low
Machine Direction Tensile Strength	Min 12.5 kN/m
Lateral Direction Tensile Strength	Min 7.5 kN/m
Machine Direction Edge Tear Resistance.....	Min 80 N
Lateral Direction Edge Tear Resistance.....	Min 80 N

These are typical performance figures, tested in accordance with AS/NZS 4200:1, not production specifications.

Building Code of Australia

Knauf Insulation Single-Sided Foil Housewrap Antiglare complies with AS/NZS 4200:1 and AS/NZS 4859.1, which satisfy the requirements of the BCA.

Packaging

Knauf Insulation Single-Sided Foil Housewrap Antiglare is available in the following standard sizes, other sizes are available on request.

- 1350mm x 60m (81m²)
- 1500mm x 30m (45 m²)

Installation

As with all building foils, external cladding should be installed without delay.

The fixing of anti-ponding board and anti-flap pads should always be considered to ensure maximum lifespan.

Maximum insulation values will be achieved by providing minimum 20mm airspace adjacent to reflective surfaces.

Knauf Insulation recommends a dish between rafters on roofs of 30 - 40mm, this is particularly important on metal deck roofs where sarking is installed above the battens, to ensure an air space between the sarking and the metal deck is maintained.

Installation of pliable building membranes and underlays should be in accordance with AS/NZS 4200:2.

Aluminium foils should not come into contact with wet concrete or mortar, as the aluminium is susceptible to alkali attack.

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