



Ametalin

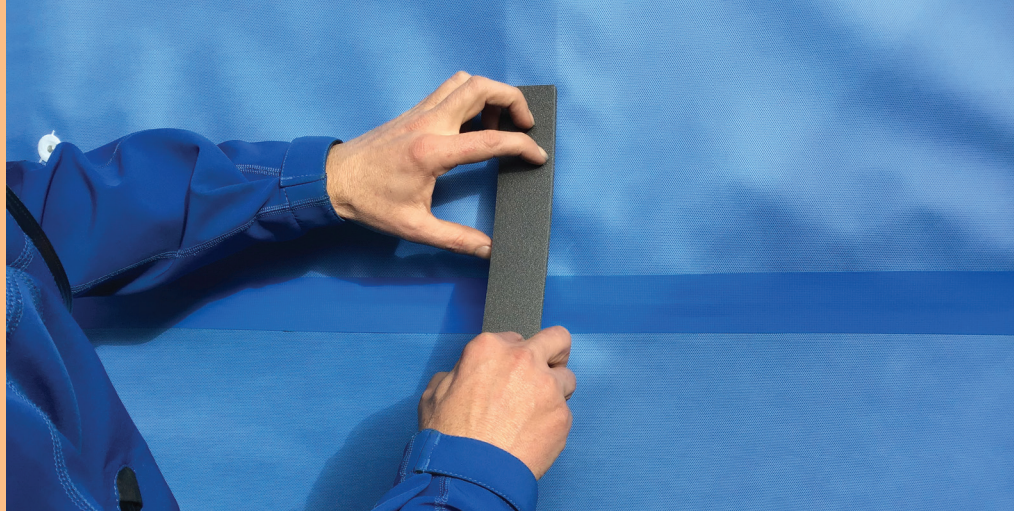
Performance insulation for a greener world

Ametalin ThermalBreak™ Strips

Product Code: TBSTRIP-432750

R0.25 Thermal Break Strip

For use in residential steel-frame constructions where R0.2 thermal break is required



Ametalin ThermalBreak™ Strips is an innovative dual-layer, high-density closed-cell XPE foam core self-adhesive strip. They are specifically designed to create an impressive R0.25 thermal barrier between steel framing and various cladding materials and roofing sheets.

Ametalin ThermalBreak™ Strips is ideal for use with Trade Select™ sarking, wall wraps, and vapour permeable membranes in steel-framed residential constructions where R0.2 thermal break, energy efficiency and condensation control are paramount.

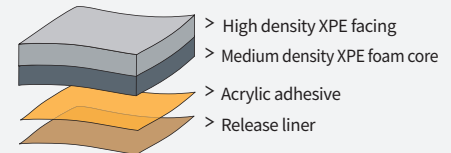
Ametalin ThermalBreak™ Strips helps seal around building membrane fixings and is ideal for preventing heat leakage around steel window and door frames, enhancing the energy efficiency of the construction.

Features and Benefits

- > Exceeds R0.2 thermal break in-situ as required by the NCC
- > Compression resistant, provides a firm base to install to
- > Easily cuts to any desired length or shape
- > Self-adhesive backing for fast, easy installation
- > Creates a natural drainage plane for moisture to escape
- > Enhances the energy efficiency and breathability of the system
- > Termite, mould, and mildew resistant

Construction

Ametalin ThermalBreak™ Strips is a dual-layer density XPE foam construction comprised of premium high-density XPE facing for a firm backing and medium-density XPE foam core for a more conforming base with self-adhesive backing.



Dimensions

43 mm x 2750 mm (Folded form 1375 mm)

Nominal thickness: 12 mm

Handling and Storage

Store this product in a clean, dry place out of direct sunlight

Material Properties

Ametalin ThermalBreak™ Strips classifications in accordance with AS/NZS 4859.1:2018.

Criteria	Reference	Result	Requirement
Nominal Thickness		12 mm	Value
Thermal Conductivity	ASTM C518	0.0486 W/m.K	Value
Thermal Resistance	ASTM C518	R 0.25	Value
Adhesive		Acrylic Pressure Sensitive	

Specification Notes

When specifying state the following:

Product Name: Ametalin ThermalBreak™ Strips

The thermal break to be installed shall be Ametalin ThermalBreak™ Strips, R0.25 dual-density cross-linked, closed-cell core XPE foam. Material R-value R0.25.

Complete details are available on our website: www.ametalin.com

Installation

Ametalin ThermalBreak™ Strips are typically installed to the exterior side of the structural framing building envelope after installing the of the pliable building membrane. It is recommended to install Ametalin ThermalBreak™ Strips at the same time as the outer cladding; this will ensure optimal durability and performance.

1. Pliable building membrane is installed to the roof or wall steel frame construction in accordance with AS 4200.2:2017.
2. Locate the structural member to which the Ametalin ThermalBreak™ Strips is to be applied to. eg: studs, plates, rafters, purlins etc
3. Ensure that the surfaces to be adhered to are clean, dry, and free from dirt, grease, oil and other contaminants.
4. Peel back the release liner from both sides of the folded strip.
5. Centre the Ametalin ThermalBreak™ Strips parallel to the supporting framing member.
6. Apply the strip, ensuring that maximum surface contact is achieved by applying firm pressure by hand or by a roller applicator.
7. Install specified cladding system without delay.

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Manufactured in Australia. Australian designed for Australian conditions.

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