

**Non-combustible  
roof and wall insulation**  
**Class 4 Vapour Permeable**  
For use in Type A and B  
fire resisting constructions  
In ABCB Climate Zones 2-8

Australian Patent Pending



### HEALTH AND SAFETY INFORMATION

Ametalin has assessed Ametalin CeaseFire® according to the criteria outlined in the *National Occupational Health and Safety Commission (NOHSC): 1008 (2004) List of Designated Hazardous Substances, NOHSC, Canberra.*

As a result of the assessment, this product is classified as non-hazardous.

To reduce risk of UV damage when installing this product, wear protective clothing, safety glasses and sunscreen, and work in the shade wherever practical.

### ELECTRICAL SAFETY PRECAUTIONS BEFORE YOU START

Ametalin stresses the importance of safe installation practices for insulation as critical to installer and consumer safety.

Risk assessment and hazard control measures contained in federal, state and territory WHS legislation must be followed.

Cutting should not be performed with membrane in place if electrical cables or equipment are in the vicinity. All equipment used for installing this insulation should be designed to minimise the risk of electrical shock.

The Aluminium Foil Insulation Association Inc. (AFIA) has prepared Work Methods Statement and Hazard Management forms to assist contractors and installers in safe installation of insulation products, these are available on **2009 AFIA WMS & Hazard Management**, at [www.afia.com.au/news/health-and-safety/](http://www.afia.com.au/news/health-and-safety/)

### INSTALLATION

Ametalin CeaseFire® should be selected and installed to fulfil the function specified in the design in accordance with Deemed-to-Satisfy provisions for non-combustible constructions, *NCC Volume 1 C1.9 and Volume 2 Part 3.7.1.1 and AS 4200.2:2017 Pliable Building Membranes and Underlays, Part 2: Installation.*

#### GENERAL

This product is chemically inert, but is not designed to withstand prolonged direct exposure to UV light and the elements. Accordingly, the outer construction envelope should be installed without delay.

Any damage done to the membrane during installation must be suitably repaired to restore the integrity and function of the membrane.

#### WALLS

##### Timber & Steel Framed Construction

- > **Profile Metal Cladding**
- > **ACC Panel Cladding**
- > **Masonry Facade**
- > **Aluminium Facade**
- > **Light Weight Cladding Direct to Stud**
- > **Brick Veneer**
- > **Light Weight Cladding on Battens**
- > **Reverse Brick Veneer**

Common to all walls, joints must be lapped not less than 150 mm untaped or lapped not less than 50 mm and taped. All end laps shall be fixed at a stud to form a continuous membrane.

Where intended to act as a water control membrane, position upper sheets to lap lower sheets to ensure water is shed to

the outside face of the membrane and ensure all penetrations are continuously sealed and turned up to facilitate drainage around penetration.

Ensure window and door openings are cut neatly, dressed carefully and are properly fitted at flashing points.

Where intended to act as an air control membrane, tape and seal all overlapped joints, penetrations and discontinuities with tape to prevent air movement.

Ametalin CeaseFire® should be installed as a continuous membrane by fixing to all framing members with the printed side facing out. Membrane should extend from the top plate to the bottom plate on concrete slabs, or top plate to the bearers in timber constructions.

#### FIXING FOR WALLS

For fastening to timber construction, use mechanical fixings at 150 mm centres. Fixings should be galvanised clouts or staples and must be performed prior to cladding.

For fastening to steel frame construction, use adhesive for direct to stud construction and mechanical fixings in the form of capped tek screws at 300 mm centres for cavity walls. Fixings must be performed prior to cladding.

**ROOFS**

Common to all roofs, install in compliance with AS 4200.2:2017 with printed side facing out. Joints must be overlapped not less than 150 mm or overlapped not less than 50mm and taped on the exterior face.

All end joints must be positioned over supporting members.

Where the product is intended to act as a water control membrane, ensure slope is  $\geq 2^\circ$  to facilitate drainage. Ensure all upper sheets overlap lower sheets. Terminations at penetrations, valleys, fascia and barges shall comply with AS 4200.2:2017 and facilitate drainage to building flashings.

Where the product is intended to act as an air control membrane, tape and seal all overlapped joints, penetrations and discontinuities with tape to prevent air movement.

**Tile Roofs**

When used under tiles, it must be installed below roof battens with a drape of  $\leq 40$  mm, unrolled across the roof trusses, parallel to the fascia and drain into the gutter via an anti-ponding device in order to comply with AS 4200.2:2017.

Ensure jointing of lengths of this product is achieved by overlapping a minimum of one rafter spacing and secure to the rafters.

**Metal Roofs**

Under metal roofing the preferred installation is also under the purlins/battens, installed parallel to fascia. Tape and seal any overlaps on low pitch metal roofs to prevent any water ingress. Installation can be above the purlins/battens, but performance may be reduced and problems may arise under certain environmental conditions. Specifically, condensation forming under the roof may pool behind purlins/battens due to a breach in the integrity of the membrane; condensation may also form on the underside of this product where contact is made with the roofing material. Adequate slack in the material must be provided.

For guidance on protection against condensation, see AS 4200.2:2017, Appendix C

**FIXING FOR ROOFS**

Fasteners may be needed to maintain uniform overlaps prior to fixing the roof battens. For timber, fixings should be galvanised clouts or staples and for steel framing, capped tek screws or adhesive.

Performance insulation for a greener world

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**Ametalin**

Durability may be affected by environmental factors, including chemical and airborne pollutants, if used in industrial or farm buildings.

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