Ametalin

Performance insulation for a greener world

Ametalin Non-combustible Insulation Flashing Tape™ Product Code: NCFT-15025

Deemed Non-combustible high-performance flashing and closure tape

Perfect for joining and sealing wall wraps in high wind areas where Fire Resistance is of high importance

Ametalin Non-combustible Insulation Flashing Tape™ is a high performance Foil/E-Glass self-adhering membrane coated with a thick aggressive solvent acrylic adhesive.

Designed with fire resistance, vapour and water sealing properties and an easy-to-use split liner, it is designed to complement Ametalin's range of Fire resisting sarking and wall wraps, particularly in Type A and B constructions where maximum fire resistance is required around windows, doors and other penetrations and sealing transitions in exterior walls, wall wraps and sarking for maximum adhesion and sealing power under sustained high loading.

Ametalin Non-combustible Insulation Flashing Tape™ provides superior performance and durability over a wide range of temperatures and environmental conditions. It will not delaminate or harden with age.

Features and Benefits

- Split plastic liner for ease of use and installation
- High strength Foil/E-Glass fabric
- Solvent Acrylic adhesive with excellent low and high temperature flexibility and adhesion ensuring full-service life
- Won't harden over time
- Superior performance over a wide range of demanding applications
- Wide temperature range: Minus 30°C to +120°C
- Vapour sealing
- Puncture resistant
- High UV resistance

Application

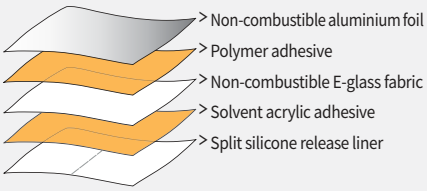
Ametalin Non-combustible Insulation Flashing Tape™ is used to seal and flash around windows, doors and other penetrations and transitions in exterior walls and roofs that occur in the installation of weather barriers in the construction industry.

All upper flashing must overlap lower flashing to ensure water is shed away from the penetration.

Do not overstretch the flashing tape on application.

Apply consistent, suitable pressure with an applicator to ensure adequate adhesion to the wall wrap or sarking.

Construction



Dimensions

150 mm x 25 m
Nominal thickness: 0.32 mm

Handling and Storage

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

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Material Properties

TEST	TYPICAL VALUE	TEST METHOD
DtS Non-combustible Backing	Meets BCA Vol One, C1.9 (e)(vii) and BCA Vol Two, 3.7.1.1 (g)	*NCC provisions*
Thickness w/out Liner	320um (0.32 mm)	*ASTM D1777*
Tensile Breaking Strength	10.2 kN/m	*ASTM 1970*
Elongation	5.0%	*PSTC-131*
Adhesion to Steel	18 N/2.5cm	*PTSC-101*
Low Temperature Flexibility	Excellent	*ASTM D1970*
UV Resistance	No degradation or loss of peel adhesion	*ASTM G 154 Cycle 1*
Outdoor exposure	Cover within 120 days	
Application Temperature	10°C to 40°C	
Service Temperature	-30°C to 120°C	
Shelf Life	1 year	
Dimensional Stability	Excellent	

Typical values are not intended to be used for specification development. Technical data is believed to be true and accurate; Ametalin recommends that the purchaser test for fitness of use in all applications. Application surface must be clean, dry, and free of oil and other contaminants. Apply suitable pressure with plastic squeegee, ensuring that all contours are followed.

Tape Application and Surface Preparation Guidance

It is essential, as with all pressure-sensitive tapes, that the surface to be adhered to must be clean, dry, free of any dirt, grease, oil, or other contaminants. Whenever possible, apply tape to joins that have a firm backing (e.g. studs or rafters) to achieve maximum application pressure. If this is not possible, then provide support from behind with short pieces of steel studs or timber.

Taping of joins is a method of sealing joins only and is not a suitable substitute for mechanical fixing in situations where there may be high stress or pressure on the join (e.g. wind loading). In such cases ensure additional more secure mechanical methods are considered.

For best results and optimal performance:

Ensure the tape is centered on the join.

Start by aligning the centre of the tape via the 50/50 split release liner along the join.

Remove one side of the liner and apply to the outer membrane edge, pressing firmly, ensuring maximum surface contact is achieved by allowing the tape to conform to the contours in the product.

Remove the remaining side of the 50/50 split liner and repeat the application as above.

Apply firm pressure to the full width of tape with a squeegee to complete the application.

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Durability may be affected by environmental factors, including chemical and airborne pollutants, if used in industrial or farm buildings.
Made in Australia with globally sourced materials under a ISO9001 Certified Quality Management System.
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