

Technical Data Sheet

# ME355

## FR Sealing Tape (Alu)

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### Description

Self adhesive and reinforced tape with an aluminum face, used to bond and seal membrane joints and overlaps to create a Class A2-s1, d0 system with defined illbruck membranes.



### Features and Benefits

- High adhesive strength
- Achieves a Class A2-s1, d0 system when used with FR Breather Membrane ALU (ME050) and FR AVCL (ME060)
- Can be cut by hand
- Highly reflective
- Reinforced with glass fabric
- UV resistant

### Usage Purpose

Single-sided adhesive tape used to seal membrane joints and overlaps for interior and exterior use. FR Sealing Tape (Alu) provides a high performance air and weathertight seal.

Suitable for use with Illbruck's FR Breather Membrane ALU (ME050) and FR AVCL (ME060) to achieve a reaction to fire class A2-s1, d0 in accordance with EN 13501-1.

### Packaging

Available in 75mm x 25m rolls  
Other widths are available upon request.

### Technical Characteristics

Application Temperature		+5°C to +40°C
Fire Classification	EN 13501-1	A2-s1, d0 when used in a system with illbruck's FR Breather Membrane Alu (ME050) and FR AVCL (ME060) with a maximum 10% tape.
Peel Strength		38 N/50 mm and 41 N/50 mm after ageing UV336h
Resistance To Waterpenetration	EN 1928	W1
Storage Temperature		+5°C to +40°C

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#### Technical Characteristics

Tear Resistance	EN 12317-2	Shear Resistance on ME060 substrate - Lengthwise: 163 N (L) Widthwise: 238 N (T)
Temperature Resistance		-30°C to +90°C
Thickness		0.2mm
Water Vapour Permeability (Sd)	EN 1931	> 1500m

#### Application

Surfaces must be dry and free of oil, grease, dust and other contaminants that may negatively affect the bond strength. Bonding to frozen surfaces is not possible.

Remove the release paper, and place ME355 centrally over the membrane joint. A minimum coverage onto each substrate of 30mm is recommended.

Press the adhesive tape onto the surface by hand or with a pressure roller ensuring that no creases are left.

Overlaps should always be made in the direction of water flow.

#### Health And Safety Precautions

Safety data sheet must be read and understood before use.

#### Guarantee Warranty

Tremco CPG UK Ltd products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Ltd written instructions and (b) in any application recommended by Tremco CPG UK Ltd, but which is proved to be defective, will be replaced free of charge. No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.

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