

Triflex SA Air and Vapour Control Layer



Use

Reinforced aluminium material with a self-adhesive backing, for use in Triflex warm roof systems and terraces as a protective layer that minimises the amount of warm air movement that enters a construction element.

Properties

- Cold applied
- Self-adhesive
- Withstands foot traffic without puncturing
- Very high tear resistance
- Impervious to vapour
- High levels of tensile strength
- Formation of an airtight layer

Components

Component	Product
Air and Vapour Control Layer	Triflex SA Air and Vapour Control Layer

Packaging

Component	Pack size
Air and Vapour Control Layer	40m x 1.08m

Colour(s)

Silver.

Substrate assessment / pretreatment / preparation

Ensure that the substrate is clean, dry and free from dust, laitance, grease, oil and any other contaminants and assess / pre-treat / prepare substrate in accordance with Triflex Project Specification Proposal. Surfaces should be smooth and level and free from sharp protrusions.

Compatible substrates:

- Metallic materials
- Uncoated metal substrates
- Plastic coated substrates
- Timber / timber materials
- Cementitious substrates
- Bituminous materials

Application conditions

Condition	Value
Ambient and substrate temperature	+5°C - +30°C

Product coverage

Coverage 1.03m² (50mm laps)

Condition	Time
Rainproof	Immediate

Storage / shelf life

12 months

Note: Rolls must be protected from strong sunlight.



Application method

Install Triflex SA Air and Vapour Control Layer onto the Triflex Spray FastPrime as soon as possible after the primer has dried. Following the removal of the self-adhesive backing, progressively install each section of Triflex SA Air and Vapour Control Layer. Brush / roll flat ensuring full adhesion with no entrapped air present.

1. Unroll;
2. Align;
3. Overlap of 50mm, if ambient temperature is 10°C or below all bonded seams need to be warmed from above with hot air (e.g. a hot air hand-held welding device) before being rolled out;
4. Remove the release film;
5. Evenly press down on the surface, e.g. with a brush;
6. Press on the seam evenly with a silicone roller;
7. On sectioned trapezoidal sheets, the longitudinal seam must be aligned with the upper corrugation

Note: Where installing onto profiled metal decks, the Triflex SA Vapour Control Layer should be installed in the direction of the metal deck with the side laps supported over the crowns of the deck. At end laps to metal decks, initially install a 200mm wide strip over the corrugation to provide support.

Material-related information

Thickness	0.6mm
Weight	Approx. 700g/m ²
Packing units per pallet	20 rolls
Roll length	40m
Roll width	1.08m
European Fire Classification	Class E
Water vapour permeability SD value	>1,500m

Health and safety

Refer to Safety Data Sheets.

Disposal information

Refer to Safety Data Sheets for recommended EWC waste codes.

Notes

The advice we provide on the application of our products is based on extensive development work and many years of experience, and is given to the best of our knowledge. The wide variety of requirements for a building under the most diverse conditions mean that it is necessary for the contractor to test the product for suitability in each case. Triflex reserve the right to make alterations in keeping with technical developments or improvements.

Non-Triflex products must not be used with Triflex systems.

Only the most recent version of this data sheet is valid.