



Product data sheet

Triflex Monobond Insulation Adhesive

Use

Triflex Insulation adhesive is a single component polyurethane adhesive used to create a permanent bond to Triflex insulation, roof decks and air and vapor control layers.

Product information

Adheres to:

- XPS
- EPS
- PIR
- PUR
- Tissue faced insulation
- Mineral wool
- Concrete
- OSB
- Plywood
- Asphalt
- Bituminous systems

Properties

- Simple application: no equipment required
- Solvent free
- Foaming adhesive for uneven surfaces
- Cold applied
- Polymeric, remains flexible
- Boards quickly secured
- Strong, permanent bond

Technical specification

Chemical Base	Polyurethane
Viscosity	Part A: 6000-10000cps @ 20°C Part B: 1500-2500cps @ 20°C
Non-Volatile Content	100%
Solvents	None
Flammability	No Flash Point
Chemical Resitance	Resistant to water, dilute acids, alkalis and aliphatic oils
Min. Application Temp.	5°C (Please ensure deck and materials are frost/ice free)
Coverage Rate per 1500ml	Normal roof exposures (250mm centres) - 43-65m ² Roof perimeters/critical areas (175mm centres) - 31-43m ²

Packaging

Component	Pack size
Duo Adhesive	Twin cartridge (4 per box): 1500ml each



Application method

Ensure the roof deck is dry. Do not apply if there is any standing water.

1. Open the pourer at the top of the pack
2. Apply the adhesive in parallel beads 10-12mm in size. Beads should be 250mm apart for normal roof exposure or 175mm apart for roof perimeters and critical areas
3. Once applied, the insulation boards must be placed within 10-15 mins at 20°C. The boards will be bonded within 30 minutes at 20°C and work can continue

Note: Curing times will be increased at lower temperatures and reduced at higher temperatures

Consumption

Main area 0.15L/m² (4 strips)

Perimeter 0.225L/m² (6 strips)

Refer to Bespoke Triflex Specification proposal.

Note: Consumption based on smooth, even, non-absorbent substrate.

Storage / shelf life

Store unopened in a cool, dry, well-ventilated place above freezing, out of direct sunlight and in the original container.

Shelf life if stored correctly: minimum 12 months.

Health and safety

Refer to Safety Data Sheets.

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.