



Product data sheet

Triflex Duo Insulation Adhesive

Use

Triflex Insulation adhesive is a two component polyurethane adhesive used to create a permanent bond to Triflex insulation

Product information

Adheres to:

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

Properties

- Propellant free packaging, simple disposal
- Coloured yellow and blue to give green when mixed
- Consistent mixing through the static mixer nozzle
- Solvent free
- Foaming adhesive for uneven surfaces
- Cold applied
- Polymeric, remains flexible
- Boards secure within 10 minutes
- Strong, permanent bond
- Easy application

Technical specification

Chemical Base	Polyurethane
Viscosity	Part A: 7500-12500cps @ 20°C Part B: 1500-2500cps @ 20°C
Specific Gravity	Part A: 0.95- 1.05 Part B: 1.15 - 1.25
Non-Volatile Content	100%
Solvents	None
Flammability	No Flash Point
Colour	Part A: Blue Part B: Yellow Mixed: Green
Chemical Resitance	Resistant to water, dilute acids, alkalis and aliphatic oils
Min. Application Temp.	0°C (Please ensure deck and materials are frost/ice free)
Coverage Rate per 1500ml	Normal roof exposures (250mm centres) - 10m ² Roof perimeters/critical areas (160mm centres) - 6.6m 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. Unscrew the plastic cover from the cartridge head and remove the red insert - if you plan on reusing the cartridge, clean the tips to prevent cross contamination when reinserted in the cartridge head.
2. Screw on the plastic mixer tube ensuring it is tightly secured.
3. Place the cartridge in the applicator gun.
4. Dispense a small amount of adhesive until a consistent green colour is achieved.
5. Apply the adhesive in parallel beads 6 - 12mm in size. Beads should be 250mm apart for normal roof exposure or 160mm apart for roof perimeters and critical areas.
6. Immediately place the insulation boards into the wet adhesive. The boards will be bonded within 10 minutes and work can continue.

Note: If the mixed adhesive is left standing in the plastic mixer tube for more than 20 seconds it will thicken and a new mixer tube will be required.

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.