



## PRODUCT DATA SHEET

# FIX-R PU Adhesive

## Solvent Free Insulation Adhesive



### Features & Benefits

- High adhesion to resist wind uplift
- Flexible
- Gap filling properties
- Temperature resistance: -40°C to +100°C

### Description

**FIX-R PU Adhesive** is a solvent free moisture curing polyurethane insulation bonding adhesive for securely bonding insulation board to various roof substrates.

**FIX-R PU Adhesive** is designed to bond all types of insulation including PIR, mineral wool and EPS and has the option of bonding board straight to deck or vapour control layer (VCL).

**FIX-R PU Adhesive** is supplied in 5L tins, and is applied straight from the tin in beads/ribbons because it is a single-component MCPU adhesive. **FIX-R PU Adhesive** is fast curing at a wide range of temperatures (5-30°C) and foams to provide gap filling properties.

**FIX-R PU Adhesive** is solvent-free, non-flammable and low odour, perfect for a wide range of buildings, including schools and hospitals.

**FIX-R PU Adhesive** promotes longevity of the roof because it is chemical and water-resistant.

Using **FIX-R PU Adhesive** reduces the need for intrusive and damaging mechanical fixings/fasteners.

**FIX-R PU Adhesive** maximises contractor/building safety because it eliminates the need for 'hot works', which also helps to reduce costs. It is safe to store on site because it is a non-flammable product.

### Technical Data

Base	Polyurethane	Cure Time	30 mins @ 20°C
Appearance	Brown	Open Time	10 mins @ 20°C
Temperature Resistance	-30°C to 140°C	Shelf Life	12 months
Coverage	25 - 30m <sup>2</sup> /5L Tin	Storage	5°C to 25°C
Application Temperature	5°C to 30°C	Health & Safety	See S.D.S
Viscosity CPS	4000cp 20°C	Cleaner	Solvent adhesive & cleaning agent

## Application

1. Ensure the roof deck is dry and free from dust, oils and other contaminants.
2. Minimum application temperature 5°C.
3. Apply FIX PU Adhesive directly onto the roof deck or VCL in minimum 10mm wide beads.
4. Apply at 300mm centres in the field areas, increasing to 150mm centres at the perimeter.
5. Immediately place the insulation boards directly onto the adhesive.
6. Apply pressure to the insulation boards to ensure full contact with the adhesive.
7. Allow the adhesive to cure for approximately 30 minutes at 20°C.
8. Ensure the boards are fully adhered before further work is conducted.

## Open time and cure time

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FIX-R highly recommends that testing is conducted prior to application, and all information is provided as a guideline only. Temperature, method of application, weight of adhesive applied and relative humidity contribute to varied open time and cure time.

## Storage and handling

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**FIX-R PU Adhesive** can have a storage life of six months, on condition that the container is left unopened in a dry condition at a temperature of 5-30°C. The adhesive is moisture sensitive and will eventually gel if it is in open contact with the air. As given in BS EN 1991-1-4 **FIX-R PU Adhesive** considerably surpasses requirements for resistance to wind uplift.

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