

## Technical Data Sheet InsuBond Solvent-Free Insulation Adhesive

### Description / Use:

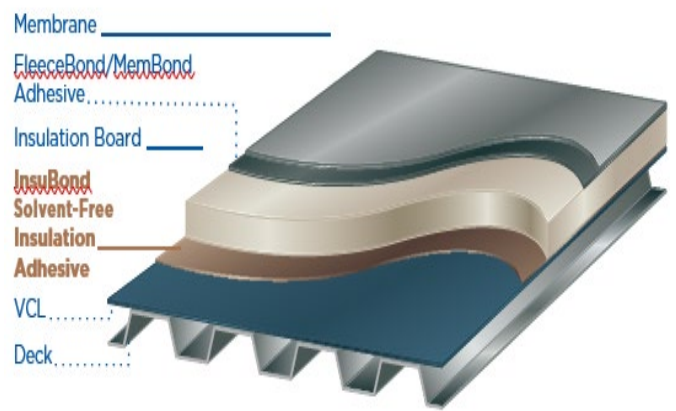
Single-component moisture-curing polyurethane adhesive.

A one-way stick MCPU adhesive, with high-foaming and fast-curing properties. It is a solvent-free, non-flammable and low odour liquid, which offers a highly effective solution for a wide range of buildings. This adhesive will securely bond a wide range of insulation boards to AVCL or straight to deck.

Simple to apply, straight from the tin in beads/ribbons.

### Benefits:

- **Product credentials: solvent-free, non-flammable and low odour liquid** - A solvent-free, non-flammable and low odour liquid, InsuBond Solvent-Free Insulation Adhesive is suitable for use on a wide range of buildings, including schools and hospitals. This may help to reduce stock requirements
- **Extremely versatile: securely bonds a wide range of insulation boards** - A high-strength PU adhesive, InsuBond Solvent-Free Insulation Adhesive is compatible for use with a wide range of insulation boards. This versatility helps to reduce storage requirements. It is compatible with mineral wool, foam glass, EPS, XPS and PIR insulation boards (both tissue and foil-faced - foil-faced PIR requires one porous surface).
- **Minimises task time: high-foaming and fast-cure** - Developed to reduce task time, InsuBond Solvent-Free Insulation Adhesive is a high-foaming and fast-curing adhesive, which allows for a quick grab of the board and enables the contractor to move on to the next step. It is also easily applied in beads straight from the tin.



### Substrates:

Suitable for\*:

AVCL's, Concrete, Timber, Metal Decks, Tissue & Foil PIR (Foil-Faced PIR requires one porous surface), EPS, XPS, RBM & BUR, Asphalt, Mineral Wool and Foam Glass.

Substrate quality: The substrate must be solid and in a suitable condition prior to adhering and be able to resist any wind uplift forces.

\*Adhesion tests should be carried out prior to uses. Applications only for substrates and membranes listed. All other substrates and membranes should be tested prior to use. Please contact MOY Technical Services to discuss further.

### Certification:



### Packaging:

InsuBond Solvent-Free Insulation Adhesive is supplied in a 6L rectangular tin (6.5kg), which features a spout for simple pouring.



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# InsuBond Solvent-Free Insulation Adhesive

### Application Method:

Pour from tin.

### Preparation:

1. Ensure all surfaces to be bonded are clean, dry and free from contamination.

### Application:

The guidelines for application below are for guidance only. Please always refer to the latest MOY recommendations.

1. Apply InsuBond Solvent-Free Insulation Adhesive directly on to the substrate (deck/AVCL) in beads 10mm-20mm wide at 200-300mm centres.
2. Immediately place the insulation board directly on to the adhesive.
3. Apply pressure to the insulation board to ensure full contact with the adhesive.
4. Allow to cure.

### Technical data:

Base:	Polyurethane
Appearance:	Brown
Application Temperature:	5-30°C
Temperature Resistance:	-40-140°C
Cure Time (20°C):	30 minutes
Open Time (20°C):	5 minutes
Shelf Life:	12 months
Coverage:	36m <sup>2</sup> /6L tin (6.5kg)
Viscosity:	Beads
Storage Temperature:	5-25°C
Health & Safety:	See SDS

### Temperature and timings:

All information on temperature and timings represent normal working conditions and is provided as a guideline only. However, please contact MOY Technical Services for advice if you wish to operate outside of these parameters.

### Storage & Handling:

The product should be stored unopened in a dry condition at a temperature of 5-25°C. This will ensure the stated shelf life. The adhesive will have a limited life once the container is opened.

### Standards:

Quality Management System ISO 9001:2015. Certificate Number FM 01892. Environmental Management System ISO 14001:2015. Certificate Number EMS 59737.

### Disposal:

For disposal of used packaging, it would need to be classified as packaging containing residues of/or contaminated by hazardous substances using waste code **EWC 15 01 10\***. More information is available by contacting MOY Materials Ltd.

MOY Materials Ltd has taken care to ensure that the information provided in the literature is correct and up to date. However, it is not intended to form any part of a contract or provide a guarantee. Purchasers/intending purchasers should contact MOY Technical to check whether there have been any changes to the information since publication of the literature. Please ensure you have read the hazard labels and material safety data sheet before using this product.