

# Insul-Lock - 7346

Technical Data Sheet



## Product Description

Insul-Lock insulation adhesive is a single component, fast setting, modified polyurethane adhesive designed to adhere approved insulation to insulation, structural decks, base sheets, and smooth surfaced built up roofs.

## Features:

- ✓ Easy application
  - Insul-Lock's revolutionary formulation allows for quick installation with no major equipment investment. Simply apply Insul-Lock in ribbons directly from the easy pour container and place, do not slide, the boards onto the substrate. There is no need to continuously walk in the boards to maintain positive contact. This translates into savings for both the contractor and the building owner.
- ✓ Low odour
  - The low odour nature of this product makes it a perfect fit for sensitive environments such as schools and hospitals, and a must for environmentally conscious facilities. Insul-Lock is a V.O.C. compliant solution that will not disrupt building occupants.
- ✓ No priming required
  - Insul-Lock requires no priming, which translates into faster, lower cost applications. Advanced research and development has created a product that will bond to a variety of substrates.
- ✓ Versatile
  - Insul-Lock is compatible with a variety of insulation types including polystyrene. It provides a fast set in a variety of temperatures. In addition, Insul-Lock requires no special application equipment making it a smart option for difficult to access areas.
- ✓ Fast application
  - Insul-Lock pour-grade formula provides consistent yields and fast application. Because it is a low rise foam, it will not displace insulation boards as it cures. Insul-Lock sets quickly which provides uplift protection sooner than most other insulation adhesives.

## Application Instructions

All surfaces should be clean, dry, free of dirt, dust, debris, oils, gravel, unadhered coating, deteriorated membranes or other contaminants that may inhibit adhesion.

Apply Insul-Lock insulation adhesive directly to the substrate in 6 beads per board for normal use, or 20mm beads at 200-300mm centres. Immediately place the insulation board, rather than sliding it, into the wet adhesive.

Do not allow the Insul-Lock to skin over.

Briefly step each board into place to ensure contact with the wet adhesive. Substrates with irregular or uneven surfaces may prevent the insulation from making positive contact with the adhesive. In these cases, relief cuts or a temporary weight may be required.

If you require any further information please contact your local Garland Technical Manager.

## Limitations

- Do not apply Insul-Lock when temperatures are below 5°C
- Do not apply to wet surfaces
- Use only flat insulation boards
- Do not use on slopes greater than 2:12 (9.5°~)



### Garland UK

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| Technical Data          | Insul-Lock  |
|-------------------------|---|
| Appearance              | Brown   |
| Application Temperature | 5-30°C  |
| Temperature Resistance  | -30-100°C   |
| Viscosity (CPS)         | 4,000   |
| Cure time               | 60 minutes @ 10°C<br>30 minutes @ 20°C<br>15 minutes @ 30°C |
| Open time               | 15 minutes @ 10°C<br>7 minutes @ 20°C<br>4 minutes @ 30°C   |
| Coverage                | Up to 30m <sup>2</sup> /6L (6.5kg)                          |
| Storage temperature     | 5 to 30°C   |
| Environmental           | Solvent-free/Non-flammable                                  |
| Packaging               | 6L (6.5kg) tin  |

## Note

The information presented on this data sheet is not intended as a formal technical specification and should only be taken as a guideline. We recommend adhesion tests are carried out before application. Should you have any queries please contact your Garland Technical Manager.

Under REACH regulation, all users of polyurethane products made by reacting diisocyanate are required to complete relevant training in relation to safe use. As of 24th August 2023, training is required for all professional users of PU products (with a total monomeric diisocyanate concentration of > 0.1%) within the EU and UK.

As a manufacturer, we have a responsibility to notify you of the training requirements. It is down to the users and their employees to complete the training and keep records.

To participate in the free training programme, go to the platform and use the code FEICA\_21\_G

Access to the training platform: <https://safeusediisocyanates.eu/>



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