

Insul-Bond - 7350

Technical Data Sheet



Product Description

Insul-Bond is a high foaming two part polyurethane adhesive suitable for adhering a wide range of insulation materials including:

- PIR
- EPS
- Foil faced
- Tissue faces
- Mineral wool

Features:

- ✓ Low Density Foam
 - The reaction of the components produces a low density foam which ensures minimal lifting of the insulation. Instead, the adhesive will spread across the surface improving the bond.
- ✓ Fast application
 - Insul-Bond offers rapid installation through the use of a battery powered applicator gun. This combined with a curing time of 10 - 15 minutes allows for fast installation of insulation boards.

Application Instructions

NB: Ensure that the deck is clean, dry and free from moisture or grease prior to application.

1. Unscrew the plastic cover from the cartridge head and remove the red insert. (Clean the tips if you intend on reusing the cartridge).
2. Tightly screw on the plastic mixer tube.
3. Place the dual cartridge in the applicator gun.
4. Dispense a small amount of adhesive until a consistent green colour is achieved. The adhesive should be applied in parallel beads 6 - 12mm in size. Beads should be spaced at 300mm for normal roof exposures and 200mm for perimeters and critical areas.
5. Insulation boards should be immediately placed onto the wet adhesive. After approximately 10-15 minutes the boards will be suitably bonded to allow for work to continue.
6. Do not allow mixed adhesive to be left standing for more than 20 seconds or it will thicken and a new mixer tube will be required.

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

Notes

All information provided should be only be used for guidance purposes. Both curing and open times a highly dependent on a wide range of variables including temperature, substrate material, humidity and method of application. Insul-Bond will solidify if left exposed to air. If unopened the nitrogen within the tin protects the adhesive for up to six months provided that the container is left unopened and stored within a temperate range of 5-30°C.

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.



Garland UK

Second Way Centre, Second Way,
Bristol, BS11 8DF
+44 (0)1174 401050
info@garlandukltd.co.uk
www.garlandukltd.co.uk

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Technical Data	Insul-Bond
Chemical base	Polyurethane
Solids content	100%
Flammability	No flash point
Chemical resistance	Resistant to water, dilute acids, alkalis and aliphatic oils
Application temperature	0 - 30°C
Service temperature	-20 to 120°C
Cure rate	10 minutes @20°C
Viscosity (CPS)	Part A: 7500 - 12,500cps @ 20°C Part B: 1500 - 2500cps @ 20°C
Coverage rate (per 1500ml twin cartridge)	Normal roof exposure: up to 14m ² Roof perimeters: up to 9m ²
Colour	Part A: Blue Part B: Yellow Mixed: Green
Packaging	1500ml twin cartridge

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.



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