



INSTA-STIK™ Insulation Adhesive Product Data

INSTA-STIK™ Insulation Adhesive

INSTA-STIK™ roofing adhesive for professionals has been developed for the attachment of insulation boards and fleece-backed single-ply membranes to a variety of substrates on flat roofs*.

INSTA-STIK Roofing STD is offered as a portable, hand held pressurized container requiring no external power source. It is a cold applied system that is quick to apply, easy to use and provides fast adhesion.

Intended Uses

INSTA-STIK Roofing Adhesive 750ml is specially formulated polyurethane foam adhesive for the purpose of adhering rigid insulation boards to flat roofs. The unique formulation provides the optimum “open time” allowing for sufficient adhesive to be applied to the substrate prior to placing of the boards and provides a tenacious bond to resist wind forces.

INSTA-STIK is applied to the roof substrate in beads or ribbons; the roof insulation board is then placed on to the beads straight away or within 10 minutes and will be firmly adhered typically within 20-30 minutes.

Features and Benefits

- Quick, clean and easy to apply
- Controlled and accurate dispensing
- Fast curing* and strong bond strength
- Short preparation time as no heating required
- Safety: no hot works, naked flames, noise or vibration in use
- Cleanliness: no fumes or dust in use
- No damage to substrate from mechanical fixings
- No visible fasteners on the underside of the substrate
- Can be used on vertical substrates such as upstands
- No thermal bridging



INSTA-STIK Roofing STD is compatible with the following vapour barriers and substrates:

- Bituminous vapour control layers
- Concrete decks
- Galvanized metal decks
- Mastic asphalt
- Oriented strand boards
- Plywood
- Proprietary vapour barriers and existing bituminous built-up roofing

Application

1. The surface, on or against which adhesive is to be applied, shall be clean, smooth, dry, and free of fins, sharp edges, loose and foreign materials, oil and grease.
2. Shake can vigorously before use
3. Ensure can is inverted when applying adhesive, open the 'back screw' and squeeze the trigger to apply the adhesive onto the substrate
4. When applying INSTA-STIK Roofing STD, the insulation boards must be placed end-to-end with staggered joints in alternating rows. Set boards into the adhesive beads ideally within three minutes and then, for maximum contact, walk on the boards immediately to spread the beads. Continue to walk on the insulation boards every 5-7 minutes until the insulation is firmly attached, which can take between 20-45 minutes.

Exclusive British Isles Distributors for Carlisle-SynTec and RubberBond EPDM single ply roofing materials.

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Precautions

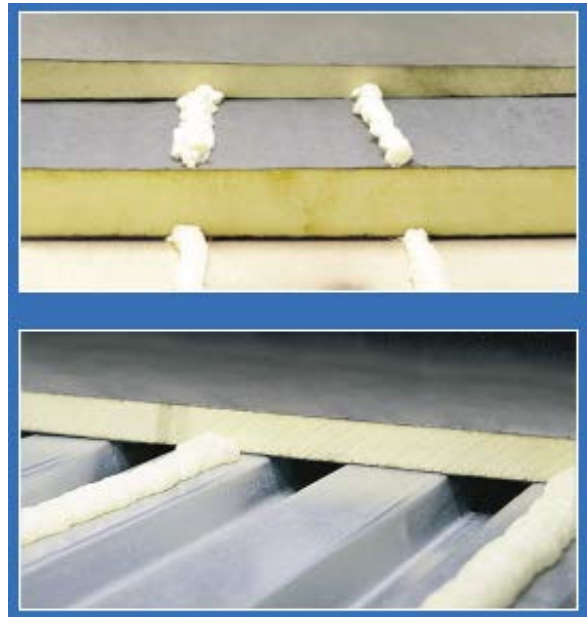
1. Store between temperatures of +10°C and +25°C for best results.
2. Ambient and substrate temperature +5°C to +40°C.
3. When not in use (including overnight), stand canister in vertical position, leave the 'back screw' on the gun in the closed position.
4. Store in a safe and secure place
5. All pressure must be released from tank before disposal.
6. Minimum thickness of steel in metal decks: 0.7 mm.

Important notes:

Note that generally, and especially for galvanized metal decks, surfaces must be free from oil and grease. For information on compatibility of INSTA-STIK roofing adhesive to other building materials and substrates than those listed, please refer to the local distributor of INSTA-STIK products.

Please refer to the manufacturers of adjacent layers to determine their compatibility, in terms of bonding, with INSTA-STIK roofing adhesive. INSTA-STIK should not be used to bond bitumen faced boards to bitumen surfaces. Also note that before installation, the suitability of the roof assembly to resist wind loading must be assessed in accordance with national requirements.

RubberBond PS Uncured Flashing	
Typical Properties & Characteristics*	
Colour	Cream
Packaging	750 ml canister
Coverage	Up to 13m ² per canister
Shelf Life	1 year



Building height (m)	Parapet height (m)	Perimeter band width (m)	Spacing at perimeter (mm)	Spacing central roof area (mm)
0 – 6.0	0 – 600	1.0	150	300
	600+	0	300	300
6.0 – 12.5	0 – 600	2.0	150	300
	600 – 1200	1.0	150	300
	1200+	0	300	300
12.5 – 21.5	0 – 600	3.0	150	300
	600 – 1200	2.0	150	300
	1200+	1.0	150	300
21.5 – 30.5	0 – 600	4.0	150	300
	600 – 1200	3.0	150	300
	1200+	3.0	150	300

Before using this product please ensure that you have been supplied with and have read carefully the following information:

1. The product labels
2. InstaStik Material Safety Data Sheet

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