

COMPATIBLE DECKS/BOARDS



• Sanded Bituminous Felt



• Concrete Deck



• Galvanised Metal Deck



• Fleeceback Membrane

COMPATIBLE INSULATION BOARDS

- Glass tissue faced boards
- Bituminous felt faced boards
- Rock fibre boards
- Expanded polystyrene
- Extruded polystyrene
- Foamglass
- Cork
- Wood fiber boards
- Perlite
- Oriented strand boards (OSB)

COMPATIBLE ROOF SURFACES

- Existing bituminous felt roof
- Sanded finish felt vapour control layer
- Asphalt
- Concrete decks (cured in accordance with good practice)
- Galvanised Steel decks (minimum 22 gauge steel)
- Plastisol coated steel
- Painted steel
- Plywood
- Cementitious wood fiber plank
- Asbestos cement (approved Dow primer recommended)

World leaders in polyurethane foam formulations...

INSTA-STIK is manufactured by The Dow Chemical Company. Dow is a leading science and technology company that provides innovative chemical, plastic and agricultural products and services to many essential consumer markets. With annual sales of \$28 billion, Dow serves customers in more than 170 countries and a wide range of markets that are vital to human progress, including food, transportation, health and medicine, personal and home care, and building and construction, among others. Dow and its approximately 50,000 employees seek to balance economic, environmental and social responsibilities.

Dow offers a wide range of complementary polyurethane foam insulants, adhesives and sealants, developed specially for use in a wide variety of fixing, filling, sealing and insulation applications.



INSTA-STIK™

A professional roofing adhesive for the attachment of insulation boards and fleeceback membrane to a variety of compatible substrates.



INSTA-STIK™ Roof Tile Adhesive

A unique adhesive together with user-friendly gun applicator for securing concrete and clay roofing tiles



FROTH-PAK™

A versatile, portable two component polyurethane spray foam kit which requires no external power source and can be used in many insulation applications.



GREAT STUFF PRO™

An easy-to-use one component polyurethane foam sealant, which fills, seals and insulates all manner of gaps and cracks around the home. Available in both straw and gun versions.



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APPROVED
Subject to the Conditions
and Limitations of the
FMRC Approval



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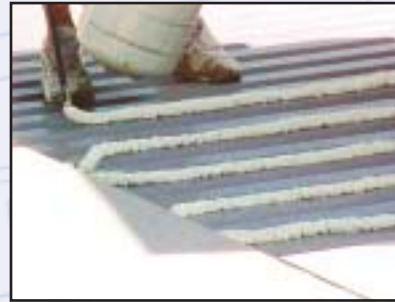
THE PORTABLE ROOFING ADHESIVE

INSTA-STIK™ is a roof adhesive for professionals for the attachment of insulation boards and fleeceback membrane to a variety of compatible substrates. Insta-Stik comes in a portable, disposable, pressurised container requiring no external power source. It is a cold applied system and has a number of advantages over other similar applied systems, particularly that the adhesive is already expanded when dispensed. It is quick and easy to use. The product contains no strong solvents, which means it is compatible with most roofing materials and has significantly faster adhesion compared to conventional polyurethane adhesives.

INSTA-STIK CAN BE USED FOR:

- The adhesion of compatible insulation boards to a wide range of substrates and flat roofs.
- The adhesion of compatible insulation boards to compatible insulation boards
- The adhesion of compatible fleeceback membranes to a wide range of substrates and flat roofs

The adhesive is usually applied by means of a dispensing wand and flexible hose, attached to the cylinder valve. However, where circumstances permit (such as large unobstructed areas) using a special 'Multi-Bead' trolley mounted applicator can dramatically increase the job speed by allowing you to dispense foam beads simultaneously.



USING INSTA-STIK IS EASY

1. Put on gloves and goggles. Remove cylinder from the carton. Shake vigorously for a minimum of one minute using a side-to-side motion before attaching hose.
2. Attach the swivel hose fitting on the end of the dispensing hose to the threaded port of the cylinder valve. Once it is seated properly, tighten securely.
3. Make sure brass ON/OFF valve attached to dispensing hose is in the OFF position. See illustrations on cylinder for the OFF position.
4. Attach either end of the double threaded wand to the dispensing hose ON/OFF valve. Tighten securely.
5. Attach the coupler to the exposed end of the wand. Attach the second plastic wand to the coupler. Tighten securely.
6. Slowly open the valve at the top of the cylinder until it is completely open. CHECK FOR LEAKS. If there are no leaks, Insta-Stik is ready for use.
7. To dispense INSTA-STIK, slowly move the handle of the ON/OFF valve to the ON position. Flow may be controlled by this ON/OFF valve.
8. About 5 seconds before you want Insta-Stik to stop flowing, close the ON/OFF valve by moving the valve handle to the OFF position. It is normal for a small amount of adhesive to flow from the nozzle after the valve is closed.
9. The INSTA-STIK bead size should be between 19 – 25 mm. A piece of 19 mm diameter sample is supplied with each unit as a guide for a proper bead. An increased amount of Insta-Stik may be required at the perimeter band of the roof, depending on building and parapet wall height. To calculate the amount of Insta-Stik needed, as well as the distance between the beads, please refer to the INSTA-STIK Datasheet. Coverage is approximately 87m² per canister for insulation boards. On roof decks greater than 2:12 slope, contact your distributor for increased application rates at the perimeter band of the roof.

CAUTION - Care must be taken when applying adhesive near roof edge.

10. When applying INSTA-STIK, the insulation boards must be placed end-to-end with staggered joints in alternating rows. Set board into the adhesive beads within three minutes. Walk on the boards immediately to spread the beads for maximum contact. Continue to walk on the insulation boards every 5-7 minutes until the insulation is firmly attached, usually 20-45 minutes.

NOTE: Humidity directly affects curing rate. Under low humidity conditions, the insulation boards must be walked on more often until firmly attached.

The Multi-Bead Applicator can really speed things up...

On roof decks with few penetrations or obstructions, Insta-Stik can be dispensed at a dramatically increased rate by using the Multi-Bead Applicator (MBA -28) and dispensing hose accessory kits. (Each MBA-28 is supplied with two kits).



Consider the advantages of using Insta-Stik over...

Fixing with Mechanical Fasteners

- No damage to concrete or metal deck surfaces
- Eliminates noise, vibration and disruption to occupants
- No dust and debris falling from ceiling
- No surface dust
- Fewer man hours involved, more competitive pricing

Bitumen

- Insta-Stik is a lot safer since it eliminates the need for a bitumen boiler on site.
- Insta-Stik is much quicker to apply.
- Insta-Stik is easier, cleaner to apply.
- Insta-Stik doesn't need a completely dry surface.
- Insta-Stik reduces the chance of sliding boards.
- No building height restriction

Liquid PUs or cold applied adhesives

- Insta-Stik is fast, clean and easy to apply
- Insta-Stik provides fast adhesion
- Insta-Stik minimizes adhesive waste since it can be reused
- Insta-Stik can be used on vertical surfaces (e.g. upstands)
- Insta-Stik has unique "pull-back" properties (the substrates are pulled together on curing), which means that the upwards pressure on the insulation boards will be minimal
- Insta-Stik can be used for both fleece-backed membranes and insulation boards
- Insta-Stik doesn't contain any strong solvents, which leads to compatibility with most roofing materials
- Insta-Stik is consistent to apply due to the use of a professional wand applicator
- Insta-Stik has been extensively tested and is Factory Mutual and Underwriters Laboratories approved

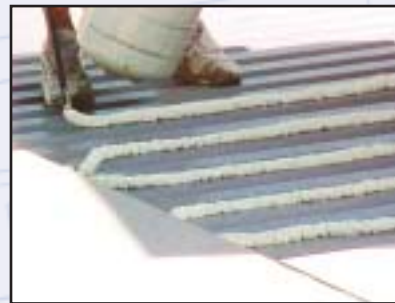
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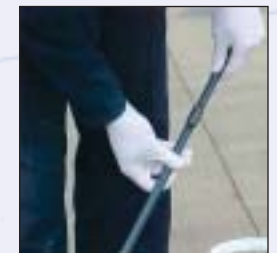
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