

Insta Stik™ MP Fast Cure Adhesive

Gun-Applied, Fast-Curing Multipurpose Adhesive

FEATURES/BENEFITS

Description

Insta Stik™ Multipurpose (MP) Fast Cure (FC) Adhesive* is a one-component, moisture fast-curing polyurethane aerosol adhesive. Quick, clean and easy to use, Insta Stik™ MP FC adhesive is ideal for most common building substrates.

Insta Stik™ MP FC is primarily used for the installation of insulation boards and plasterboards, with both vertical and horizontal applications for permanent adhesion between various components, but has a variety of other applications.

Ease of Installation

Insta Stik™ MP FC adheres most common building materials together including any combination of:

- extruded and expanded polystyrene,
- polyurethane and polyisocyanurate
- mineral wool

- plaster, plaster boards
 - concrete, brickwork, stone,
 - wood,
 - metal
 - bituminous membranes,
- with the exception of smooth surfaced polyethylene, silicone, oil and grease or similar substrates.

Available Sizes

Insta Stik™ MP FC is sold in 750 ml 'e' straw-applied cans each with a yield of up to 13 m². Cartons consisting of 12 cans are available as well.

Sustainable Solutions

Insta Stik™ MP FC contains an environmentally safe propellant, which complies with the latest EU regulations banning all CFC- and HCFC-propellants.

PROPERTIES

Insta Stik™ MP FC Adhesive exhibits physical properties as indicated in Table 1 when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-866-583-2583 when additional guidance is required for writing specifications that include this product.

TABLE 1: Typical Physical Properties¹ of Insta Stik™ MP FC Adhesive

Test Method	Property	Gun (750 ml)	Units
DuPont internal method	Tack free time	4	min
DuPont internal method	Volume Yield	45	l

¹ Based on test methods mentioned above, all data are given for non-aged foam evaluated @ 23°C, 50% relative humidity. Yield is lower for aged foam. Special applications must be tested individually. For better results, pre-moisten the surface before dispensing the adhesive.

INSTALLATION

Use Conditions

- Prior to applying **Insta Stik™ Multipurpose Fast Cure Adhesive**, surfaces must be firm, clean, and free of dust, grease or loose particles.
- The ideal working temperature for both the environment and the can content is +20°C. **Insta Stik™ MP FC** can be used at temperatures from +5°C to +35°C, with optimal processing temperatures ranging from +18°C to +25°C.
- During relatively short work stoppages, leave the gun dispenser on the can and screw in proportioning screw completely. When a can becomes empty, immediately screw the gun onto another can.
- During relatively long stoppages, unscrew the can and clean the gun with GREAT STUFF PRO™ Gun Cleaner. Once a gun can has been started, it should be used within four weeks.

Preparation

- We recommend covering working surfaces with paper or plastic sheeting to protect against drips. It is advisable to have GREAT STUFF PRO™ Gun Cleaner at hand.
- To speed up the curing process, surfaces can be lightly misted with water prior to applying the adhesive.

Application

1. Shake the can vigorously for 30 seconds.
2. Screw the threaded end of the gun or straw onto the valve.
3. During processing, the can must be held inverted with the valve in bottom position. To extrude the foam, pressure has to be carefully applied to the gun trigger. The gun trigger can be adjusted by turning the round knob at the rear of the gun dispenser.

4. Dispense **Insta Stik™ MP FC** onto the substrate in beads. Average bead size: 20-25mm wide. Average distance between beads: 250mm Note: In the case **Insta Stik™ MP FC** is used to attach insulation boards on a wall, it is recommended to use 3 beads per board foot.
5. Apply the insulation board to the substrate within 4 minutes after applying adhesive (depending on outside conditions) and press firmly. The insulation boards must be placed end-to-end with joints in alternating rows if possible. Boards should be applied in rows, starting from the bottom of the wall, and going up to the top, to allow boards to hold on lower level and avoid any sliding.
6. Once done with the adhesion of the boards, seal the upper board row to the wall with **Insta Stik™ MP FC** avoid dirt to get behind between the insulating plate & the wall.

Curing

Full foam setting time is 6 hours. Moisture is needed for an even and rapid curing of the adhesive. Inadequate moistening may lead to poor cure or unwanted excessive post-expansion of the foam.

Equipment

Always wear gloves and protective eyewear when dispensing **Insta Stik™ MP FC**. Use GREAT STUFF PRO™ Gun Cleaner on unwanted drips.

HANDLING

WARNING: For Professional Use Only. Read and follow the entire Handling section and the Safety Data Sheets (SDSs, formerly MSDSs or Material Safety Data Sheets) carefully before use. The information below is designed to protect the user and allow for safe use and handling of DuPont™ products. Follow all applicable federal, state, local and employer regulations.

Precautionary Statements

- **Insta Stik™ MP FC** is thermally stable between -30°C and +80°C. It is durable and permanent except when exposed to UV rays.
- Fresh foam spills must be removed immediately within the tack-free time using GREAT STUFF PRO™ Gun Cleaner.
- Once foam is cured, it can be removed mechanically.
- If aerosol can has become bonded to gun, do not use force to loosen it, as there is danger of uncontrolled product release. If product does not flow easily, do not force product out of can.

Shelf Life and Storage

- The shelf life of **Insta Stik™ MP FC** is 18 months, with a recommended storage temperature range of +15°C to +25°C.
- Always store and transport cans in an upright position and in dry conditions.
- Cans should not be stored in hot areas, such as vehicles in direct sunlight.

Disposal

Dispose of any residual DuPont product, coated debris, or solvent in accordance with applicable federal, state, and local government regulations.

Supplemental Information

DuPont encourages its customers to review their application of DuPont products from the standpoint of human health and environmental quality. To help ensure that DuPont products are not used in ways for which they were not intended or tested, DuPont personnel will assist customers in dealing with ecological and product safety considerations. Your DuPont sales representative can arrange the proper contacts.



**For more information visit us at
instastik.com
or call 1-800-448-9835**

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DuPont Polyurethane Foam Insulation and Sealants

CAUTION: When cured, these products are combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F (116°C). For more information, consult (Material) Safety Data Sheet ((M)SDS), call DuPont at 1-866-583-2583 or contact your local building inspector. In an emergency, call 1-989-636-4400 in the U.S. or 1-519-339-3711 in Canada.

GREAT STUFF PRO™ Gun Cleaner is flammable and contains acetone and propane. Read all instructions and (Material) Safety Data Sheet ((M)SDS) carefully before use. Eliminate all sources of ignition before use. Cover all skin. Wear gloves, and goggles or safety glasses. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure.

Building and/or construction practices unrelated to building materials could greatly affect moisture and the potential for mold formation. No material supplier including DuPont can give assurance that mold will not develop in any specific system.

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