

DuPont™ Insta Stik™ MP FC Multipurpose Fast Cure

Polyurethane Foam Adhesive

FEATURES

Description

DuPont™ Insta Stik™ MP FC is a moisture-curing one-component polyurethane aerosol foam adhesive available as gun and/or straw foam. It contains an environmentally safe propellant, which complies with the latest EU regulations banning all CFC- and HCFC-propellants. DuPont™ Insta Stik™ MP FC foam adhesive can be used at temperatures from +5°C to +35°C, the product temperature being from +15 to +25°C.

Ease of use

Curing time is generally 12 hours, but the actual curing time is dependent of the application temperature. DuPont™ Insta Stik™ MP FC is available as gun and straw foam adhesive. It is applicable for vertical and horizontal bonding of most common building materials such as insulation boards and plasterboards.

INSTALLATION

Application

Prior to spraying the foam, surfaces must be dry, firm, clean and free of dust, grease or loose particles. The foam adheres well to most common building materials like wood, concrete, render, plaster board, metal, mineral wool, EPS, XPS, PUR and PIR foams. An exemption are polyethylene or other polyolefin foils as well as silicone, oil or grease contaminated surfaces.

How to Apply the Product

Gun foams

1. Shake the can vigorously at least 20 times.
2. Screw the gun onto the valve.
3. Open the dosing knob at the rear of the gun dispenser.
4. To extrude the foam, make sure the can is in an upright position with the valve down, carefully pull the gun trigger.
5. Discard the first 10–20g of a fresh can.
6. The applied amount can be dosed by pulling the trigger or the dosing knob at the back of the gun.

Straw foams

1. Shake the can vigorously at least 20 times.
2. Screw the straw onto the valve.
NOTE: Do not apply excessive force to avoid destroying the thread.
3. To extrude the foam, make sure the can is in an upright position with the valve down, carefully push the trigger at the straw.
4. The applied amount can be dosed via the trigger.
5. The foam expands, make sure not to overfill the gap.

Curing

The foam cures quickly. Cured foam can only be removed mechanically. Fresh foam remains can be removed with the Great Stuff™ Pro Foam Cleaner*.

Equipment

If the can is empty just connect a new one, if needed clean the gun valve and tip. During short interruptions for a couple of hours or a day, leave the can connected to the gun. Only close the dosing knob at the back. During long interruptions i.e. days or weeks detached the gun from the can and clean both using the Great Stuff Pro™ Foam Cleaner. For best possible performance and foam quality we recommend the use of DuPont recommended accessories.

Available Accessories

- Great Stuff™ Pro Gun* (GMID 308918)
- Great Stuff™ Eco Gun* (GMID 308917)
- Great Stuff™ Pro Foam Cleaner* (GMID 357500)

PROPERTIES

Typical Product Properties ¹⁾	Unit	DuPont™ Insta Stik™ MP FC Gun Foam Adhesive	DuPont™ Insta Stik™ MP FC Straw Foam Adhesive	Test method
Color	–	Light yellow	Light yellow	Visual
Cut time	min	15	25	EN17333-3 M1
Tack free time	min	5	7	EN17333-3 M2
Tensile bond strength	kPa	≥80	≥80	EN17333-4 M5
Reaction to fire	–	B2	B2	DIN 4102-1

1) Test results obtained on the basis of test methods referred in the above.

DuPont™ uses test methods approved by FEICA designed to deliver transparent and reproducible test results, ensuring customers have an accurate representation of product performance. FEICA OCF test methods are available at: <http://www.feica.com/our-industry/pu-foam-technology-ocf>. FEICA is a multinational association representing the European adhesive and sealant industry, including one-component foam manufacturers. Further information at: www.feica.eu

HANDLING

Important

Note that the curing behavior of the foam can change with ambient conditions (temperature and humidity). For fast and homogeneous foam curing humidity is needed, but excessive moistening may negatively affect the bond strength and shall be avoided. The cured foam is resistant to temperatures in the range of -40°C to +100°C. The foam exhibits a high durability, if protected from direct sunlight i.e. UV radiation.

Precautionary Statements

Read and follow the entire Installation and Handling section and the Safety Data Sheets (SDSs, formerly MSDSs or Material Safety Data Sheets) carefully before use. They contain important information on applicable safety regulations and the provisions on the protection of health. Material safety data sheets are revised regularly – please request and note the latest version before using/processing or obtain directly at: www.dupont.com (SDS Finder)

DuPont™ Insta Stik™ MP FC Foam Adhesive is very sticky and will adhere to most surfaces and skin. Do not get foam on skin. Cover all skin, wear long sleeves, gloves, and goggles or safety glasses.



Shelf Life and Storage

Store and transport the cans always in an upright position and in dry conditions. Protect the product and accessories from direct sunlight.

Storage temperature: +5°C to +25°C

Shelf life: 18 months

Packaging

Tinplated steel cans 750ml, box of 12 cans each
DuPont™ Insta Stik™ MP FC Gun Foam Adhesive
DuPont™ Insta Stik™ MP FC Straw Foam Adhesive

Supplemental Information

Visit www.building.dupont.com or contact a local DuPont representative for more specific instructions.



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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.

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