



Fastbond Adhesive Professional Foam

Fastbond Adhesive Foam is a professional type, gun grade, ready to use product. It is used for fast and strong bonding of all kinds of construction materials, especially thermal insulation boards(XPS, EPS etc.). Within 60 seconds, initial adhesion occurs and adheres securely after 5 minutes.

Advantages:

- It is easy to use. This reduces labor.
- It is 30-40% more economical than other insulation processes.
- The can is ready to use. It does not require any preliminary preparation.
- Provides initial adhesion within 60 seconds. It allows the connection of the heat insulating panels within an average of 30 minutes.
- It does not contain any propellant gases which are harmful to the ozone layer.

Usage Areas:

- Mounting insulation/finishing boards.
- For use where fixed, permanent positioning of stone or concrete products is desired.
- Polystyrene foam board, Cellular lightweight concrete elements.
- Mounting decorative elements.

How to use:

- Surface cleaning: Substrates must be sound quality, clean, dry and free of dust, grease, rust and other contaminants which may affect the adhesion. Sprinkle the working surface with water (with gardening sprinkler for example) at temperature >32°F.
- Product preparation; If the can is too cold / hot then the can should be brought to room temperature, e.g. by immersion in cold / warm water or leaving it in room temperature for at least 24 hours. Optimal can temperature is +68°F.
- Foam application: Put on protective gloves. Shake the can well before use. Screw the can onto the applicator. Hold the can upside down and activate the foam by pressing the valve. Always handle the canister with the valve pointing downwards. Moisturizing the surfaces and the foam improves adhesion and shortens curing time. Vertical gaps should be filled with foam starting at the bottom and moving up. Do not fill the entire gap – the foam will increase in volume.
- Tooling and finishing: Immediately after full foam hardening, it should be secured against exposure to UV rays by using e.g. plaster or paints. The manufacturer



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recommends using the entire can without stopping more than 5 minutes between spraying due to foam drying in the applicator.

- Cleaning: Fresh foam should be cleaned with Foam Cleaner. Cured foam can be cleaned barely mechanically.

Limitations:

- The curing process is dependent on temperature and humidity. The decrease in ambient temperature within 24 hours after the application below the minimum application temperature can affect the quality and / or correctness of the seal.
- Quality and technical condition of used applicator affect the parameters of final product.
- The foam should not be used in spaces without access of fresh air and poorly ventilated or in places exposed to direct sunlight.
- Working in other position than "valve facing down" will decrease foam's efficiency.
- Cured foam will discolor if exposed to ultraviolet light.
- Paint or coat the cured foam for best results in outdoor applications.
- Lower temperatures decreases yield and curing time.

Safety

Contains diphenylmethane-4,4'-diisocyanate. Irritating to eyes, respiratory organs and skin. May be harmful by inhalation. Must be used in a sufficient ventilated environment. PE

gloves should be used when working. Pressurized container. Should not be exposed to direct sunlight or above 122 °F. Keep away from igniting materials. Do not pierce or burn the can even after use. Must be kept away from children.

Shelf Life:

If stored properly at original container, 12 months.

Packaging (Weight/Volume):

24 fl oz.

Physical & Chemical Properties

Chemical Structure: Polyurethane Pre-polymer.

Curing Mechanism: Moisture.

Skin Time: 3±1 min. (ASTM C1620).

Cutting Time: ≤30 min. (ASTM C1620).

Curing Time: 24 hours

Foam Color: Yellowish

Yield: Up to 151 ft²

Shear Strength: 130-140 kgf/cm²

Ideal Can Temperature: 41°F to 86°F

Heat Resistance: - 40°F to 194°F

Application Temperature: 41°F to 86°F