



Drywall & Panel Adhesive Professional Foam

Drywall & Panel Adhesive Professional Foam is a one component aerosol polyurethane adhesive foam curing swiftly with moisture. Providing very fast and powerful adhesion for various construction materials, especially highly recommended for heat insulation systems.

Advantages:

- Instant adhesion and wall plugging within two hours.
- Ready to use in aerosol can.
- Up to 14 m² heat insulation panel adhesion for each can.
- Minimum expansion during drying period.
- A lighter material compared to plaster, alternative material, used in heat insulation systems.
- No more extra burden or weight to building.
- It does not contain any propellant gases which are harmful to the ozone layer.

Usage Areas:

- Powerful adhesion of polystyrene heat panels (XPS and EPS).
- Advised for wooden type construction materials adhesion to concrete, metal etc.

- Applications needed minimum expansion. Mounting and isolation for frames of windows and doors.

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 >0°C.
- 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 +20°C.
- Foam application: Put on protective gloves. Shake the can well before use. Screw the can onto the gun 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.



TECHNICAL DATA SHEET

www.krakenchem.com - info@krakenchem.com

- 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 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.
- Hurried attempts at preliminary treatment may cause irreversible changes in foam structure and its stability and may affect deterioration of foam utility parameters.
- 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 50 °C. 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, 15 months.

Packaging (Weight/Volume):

600 ml.

Physical & Chemical Properties

Chemical Structure: Polyurethane Pre-polymer.

Curing Mechanism: Moisture.

Skin Time: 6±2 min. (ASTM C1620).

Cutting Time: ≤40 min. (ASTM C1620).

Curing Time: 24 hours

Foam Color: Light Pink

Dimensional Stability: < 8%

Compression Strength: 0,03 MPa (DIN 53421)

Shear Strength: 100-120 kg/cm²

Ideal Can Temperature: 5°C to 30°C

Heat Resistance: - 40°C to 80°C

Application Temperature: 0°C to 30°C