

## BIG GAP FILLER

### Description

Big Gap Filler is a self-expanding aerosol polyurethane foam designed for convenient application. It is a single-component foam that cures with moisture and does not contain harmful propellant gases that can harm the ozone layer. Each can come with a straw adapter for easy dispensing.

### Properties & Features

- Offers excellent adhesion, filling capacity, and high thermal and acoustical insulation.
- Provides reliable mounting capacity and stability.
- Adheres well to most building materials, except for surfaces like polyethylene, Teflon, silicone, and those contaminated with oils, greases, mold release agents, or similar substances.
- Resistant to mold and water and can be painted over.

### Fields of Application

- Used for fixing and insulating door and window frames.
- Ideal for filling and sealing gaps, joints, and cavities.
- Suitable for filling penetrations in walls.
- Used for insulating electrical outlets and water pipes.

### Directions for Use

Surface Preparation and Foam Application:

**Prepare the surface:** Ensure that the substrates are clean, dry, and free from dust, grease, rust, and other contaminants that may affect adhesion. Sprinkle water on the working surface (using a gardening sprinkler, for example) with a temperature above 32°F.

**Prepare the product:** If the can is too cold or hot, bring it to room temperature by immersing it in cold or warm water, or leave it at room temperature for at least 24 hours. The optimal can temperature is 68°F.

**Apply the foam:** 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. Fill vertical gaps with foam starting at the bottom and moving up. Do not fill the entire gap, as the foam will expand.

**Tooling and finishing:** Immediately after the foam has fully hardened, protect it from UV rays by using plaster or paint. To avoid foam drying in the applicator, it is recommended to use the entire can without stopping for more than 5 minutes between sprays.

**Cleaning:** Use Foam Cleaner to clean fresh foam. Cured foam can only be cleaned mechanically.

### Remarks & Restrictions

- The curing process is dependent on temperature and humidity. If the ambient temperature drops below the minimum application temperature within 24 hours after application, it may affect the quality and effectiveness of the seal.
- Rushed surface preparation can cause irreversible changes in the foam structure and stability, which may affect the foam's performance.
- The quality and technical condition of the applicator used can affect the final product's performance.
- Avoid using the foam in poorly ventilated spaces, areas without fresh air circulation, or places exposed to direct sunlight.
- The foam should be applied with the valve facing down to maximize its efficiency.
- Cured foam may discolor when exposed to ultraviolet light.
- For outdoor applications, it is recommended to paint or coat the cured foam for optimal results.
- Lower temperatures can decrease the foam's yield and curing time.

### Product Information

|                   |   |
|-------------------|---|
| <b>Packaging</b>  | Net 24 Fl. Oz. / 690 g. / 750 ml  |
| <b>Shelf Life</b> | 15 months   |
| <b>Storage</b>    | At cool and dry ambient. In between +41°F to +86°F. max. 60% relative humidity. |

### Technical Data

| Parameter                         | Method / Conditions          | Value                      |
|-----------------------------------|------------------------------|----------------------------|
| <b>Basis</b>                      |                              | Polyurethane Prepolymer    |
| <b>Curing Mechanism</b>           | Moisture cure                |                            |
| <b>Full Cure Time</b>             |                              | 24 hours                   |
| <b>Foam Color</b>                 |                              | Light Yellow               |
| <b>Volumetric Yield</b>           | ASTM C1536 – TM 1003 : 2013* | 30-40 L                    |
| <b>Flammability Class</b>         | DIN 4102-1                   | B3                         |
| <b>Compression Strength</b>       | DIN 53421 – TM 1011 : 2013*  | 4.35 psi (30 kPa)          |
| <b>Dimensional Stability</b>      | ISO2796/86 – TM 1004 : 2013* | ± 10%                      |
| <b>Tack-Free Time</b>             | ASTM C1620 – TM 1014 : 2013* | 7 ± 3 min                  |
| <b>Cutting time</b>               | ASTM C1620 – TM 1005 : 2013* | ≤40 min                    |
| <b>Can/Applicator Temperature</b> | Optimal 20°C                 | Between + 41°F and + 86°F  |
| <b>Temperature Resistance</b>     | Cured Foam                   | Between -103°F and + 239°F |
| <b>Application Temperature</b>    | Ambient and surface          | Between + 41°F and + 86°F  |

### Safety

Contains Diphenylmethane-4,4'-Diisocyanate. Harmful if inhaled. Irritating to the eyes, respiratory system, and skin. Avoid breathing the spray/vapor. Wear suitable protective clothing and gloves. Use only in well-ventilated areas. Pressurized container. Keep away from direct sunlight and do not expose to temperatures over 122°F. Do not puncture or burn, even after use. Keep away from sources of ignition and do not smoke. Keep out of the reach of children.

### Disclaimer

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.