

## PRODUCT DATA SHEET

# EVERBUILD EXACT GAP FOAM®

Minimal expansion foam for precision gap filling

### PRODUCT DESCRIPTION

EVERBUILD EXACT GAP FOAM® has been formulated to provide a more precise foam product that modestly fills voids, with a fresh foam can expanding by approx. 130 %. The controlled application significantly reduces the amount of cured excess foam that has to be cut back afterwards, the waste disposal of which can be difficult on some sites. This controlled expansion also reduces the danger of wet foam falling onto the floor and surrounding substrates. Also ideal for applications where it is important not to impact too much stress onto the item being installed.

### USES

Filling:

- Roof tile voids and draught points around the home.
- Gaps around pipe entries through walls.
- Gaps around window frames, door frames.
- Electrical wire chasing prior to plastering.
- Deep joints prior to applying sealant or plaster.
- Gaps and cracks in walls and floorboards.

Insulating:

- Behind cladding to exterior walls.
- Behind soffit and barge boards.

### PRODUCT INFORMATION

<b>Chemical Base</b>	Polyurethane
<b>Packaging</b>	500 ml and 750 ml cans
<b>Shelf Life</b>	15 months in original containers at stated storage temperatures.
<b>Storage Conditions</b>	Store upright between 20 and 25 °C in a pressurized container. Protect from sunlight and do not expose to temperatures above 50 °C. Do not pierce or burn the can even after use. Store as flammable liquid. Note: Elevated temperatures will reduce shelf life dramatically.

### TECHNICAL INFORMATION

### CHARACTERISTICS / ADVANTAGES

- Fills gaps & insulates.
- Can be cut, sawn or plastered over after only two hours.
- Unique safety valve – rubber free valve means it will not clog or leak.
- Re-usability – canister may easily be re-used again.
- Safety in transport – internal valve reduces potential of impact damage. Canister may be transported/ stored in horizontal as well as vertical position.

<b>Cell Structure</b>	Medium fine
<b>Full Load Bearing Stability</b>	Approx. 12 hours (20 mm bead)
<b>Elongation At Tension</b>	20-40 % (DIN 53530)
<b>Temp Res Of Cured Bead</b>	Long Term: -40 to +80 °C Short Term: -40 to +100 °C
<b>Building Material Class</b>	B3 (DIN 4102, Part 1)

<b>Compressive Strength</b>	3 N/cm <sup>2</sup> (DIN 53421) at 10 % stress
<b>Tensile Strength</b>	7 to 0 N/cm <sup>2</sup> (DIN 53530)
<b>Shear Strength</b>	4.5 N/cm <sup>2</sup> (DIN 53427)

## APPLICATION INFORMATION

<b>Ambient Air Temperature</b>	+5 °C to +30 °C (Optimum +20 °C)
<b>Cutting Time</b>	Cuttable in 9 to 12 mins (based on 20 mm bead)
<b>Tack Free Time</b>	4 to 8 minutes

## VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## LIMITATIONS

- Carefully read instructions and text in warning box before use.
- Do not over pressurise container.
- Always apply above +5 °C.
- Clean spills immediately with EVERBUILD® DUAL PURPOSE FOAM CLEANER.
- When using EVERBUILD EXACT GAP FOAM®, always remove nozzle from can and clean immediately after use with EVERBUILD® DUAL PURPOSE FOAM CLEANER
- For fire rated joints, use EVERBUILD® FIREFOAM B1 in conjunction with EVERBUILD® FIRE MATE intumescent sealant.
- Once cured, dry foam must be removed mechanically. No solvent will remove the product.

## ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

Ensure all surfaces are clean, sound and free from dust and loose particles. **Moisten surfaces to be sealed with water. This assists the curing process.**

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## APPLICATION

Shake can well before use (about 20 times). Fix nozzle applicator. **ALWAYS USE WITH CAN UPSIDE DOWN.** Fill the cavity just less than full as the foam will expand slightly to fill the remaining space. Any excess foam can be removed whilst still wet with EVERBUILD® DUAL PURPOSE FOAM.

## CLEANING OF TOOLS

Nozzle and valve tip should be cleaned with EVERBUILD® DUAL PURPOSE FOAM CLEANER before the foam cures. Once cured, foam must be removed by mechanical means with a knife or scraper.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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