

PRODUCT DATA SHEET

EVERBUILD® No Waste Expanding Foam

Polyurethane based, quick-setting, handheld expanding foam allowing part used-cans to be saved and used again

PRODUCT DESCRIPTION

EVERBUILD® No Waste Expanding Foam is a handheld foam that allows part-used cans to be saved and used again and has a shelf life of 15 months, compared with 12 months for conventional foams. Its unique safety valve will not clog or leak.

USES

Filling

- Irregular gaps in stone, brick, concrete or plaster.
- 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.

Insulating

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

Fixing

- Window frames.
- Door frames.
- Timber structures.
- Window sills and thresholds.

CHARACTERISTICS / ADVANTAGES

- Long shelf life.
- Re-usability – canister may easily be re-used again.
- Safer valve design - rubber-free valve gives no leaky or sticky valves.
- Safety in transport – internal valve reduces potential of impact damage. Canister may be transported/stored in horizontal as well as vertical position.
- Once applied, EVERBUILD® No Waste Expanding Foam expands greatly on application to 100 %-150 % of its original volume.
- Once cured it can be cut, sawn or plastered over after only one hour.

Cell Structure	Medium fine
Temp Res Of Cured Bead	Long Term: -40 °C to +80 °C Short Term: -40 °C to +100 °C

APPROVALS / STANDARDS

B3 (DIN 4102, Part 1)

PRODUCT INFORMATION

Chemical Base	Polyurethane
Packaging	750 ml aerosol can
Shelf Life	15 months in original containers at stated storage temperatures
Storage Conditions	Store upright between +20 °C and +25 °C. Pressurized container. Protect from sunlight and do not expose to temperatures above 50 °C. Store as flammable liquid. Note: Elevated temperatures will reduce shelf life dramatically.
Density	ca. 17 kg/m ³ (bulk density of foam)

TECHNICAL INFORMATION

Compressive Strength	2 N/cm ² (DIN 53421) at 10 % stress
Tensile Strength	10 N/cm ² (DIN 53430)
Elongation at break	26 %
Shear Strength	6 N/cm ² (DIN 53427)

APPLICATION INFORMATION

Yield	100 %-150 % of its original volume following discharge 35 L (750 ml can)
Substrate Temperature	+5 °C to +25 °C. (Optimum 20 °C)
Cutting Time	18 - 21 minutes on a 20 mm bead
Tack Free Time	11 - 13 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.

FURTHER DOCUMENTS

When transported in cars, keep in boot, out of direct sunlight.

When removing cured foam from skin, take care not to damage with abrasives. Grease skin with body lotion or similar.

IMPORTANT – Re-use is only possible by cleaning the nozzle and valve tip with Everbuild® Dual Purpose Foam Cleaner before the foam has cured. Do not push any object into the valve as the contents may explode.

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® No Waste Expanding Foam, always remove nozzle from can and clean immediately after use with Everbuild® Dual Purpose Foam Cleaner.
- For fire rated joints, use Everbuild® Fire Foam 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

Carefully read instructions and text in warning box before use and always wear protective equipment detailed.

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.

APPLICATION

Carefully read instructions and text in warning box before use and always wear protective equipment detailed. Shake can well before use (about 20 times). Carefully fix nozzle. Do not overtighten or force. Always use can upside down. Only partially fill cavities as the foam will expand to fill the remaining space. When used for fixing door/window frames, supports must be used until the foam is fully cured, and product must be used with mechanical fixings. All information on the Technical Data Sheets for this product must be observed.

CLEANING OF TOOLS

Immediately after use, clean nozzles and valve tip with Everbuild® Dual Purpose Foam Cleaner. Any excess foam can be removed whilst still wet with Everbuild® Dual Purpose Foam Cleaner. Once cured, foam must be removed by scraping.

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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Product Data Sheet
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