PRODUCT DATA SHEET

EVERBUILD® B2 Handheld Fire Foam

FIRE RATED, HAND HELD , ONE PART POLYURETHANE FOAM.

PRODUCT DESCRIPTION

EVERBUILD® B2 Handheld Fire Foam is a quick setting one part polyurethane foam with fire resistance properties. The foam expands on application 1.5 - 2 times its original volume and meets the requirements of DIN 4102 Part 1 for Construction Materials and BS476 Part 20. Fire rated up to 2 hours in certain joint configurations.
Once cured, the foam can be cut, sawn or plastered over after only one hour providing the working temperatures (can and surfaces) are between +5°C to +25°C, ideally 20°C.

USES

Filling
- Gaps around pipe entries through fire rated walls.
- To provide a fire rated seal around window and door frames.
- Electrical wire chasing prior to plastering, where a fire rating is required.
- Deep joints prior to applying sealant or plaster.
- Irregular gaps in stone, brick, concrete or plaster.

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

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

CHARACTERISTICS / ADVANTAGES

- High degree of fire rating: slows down the passage of flames and smoke in comparison to standard B3 grades.
- Quick setting - can be cut, sawn or plastered in 1 hour.
- Economical in use - expands up to 50 times its can volume.
- Fills irregular and broad gaps where most conventional fillers would fail.
- Possesses insulating and sound deadening properties.

Expansion	~40 litres (750ml can)
Cell Structure	Medium fine
Full Load Bearing Stability	~12 hours (20mm bead)
Working Temperature	5°C - 30°C. (Optimum 20°C)
Temp Res of Cured Bead	Long Term: -40 - +80°C
Building Material Class	B2 (DIN 4102, Part 1)

APPROVALS / STANDARDS

Meets the requirements of DIN 4102 Part 1 for Construction Materials and BS476 Part 20. Fire rated up to 2 hours in certain joint configurations. Copies of the independent test certificate, Warrington fire report number 160902 are available on request.

PRODUCT INFORMATION

Packaging	750ml Aerosol
Shelf Life	12 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. Do not pierce or burn the can even after use. Store as flammable liquid. Note: Elevated temperatures will reduce shelf life dramatically.
Compressive Strength	5N/cm² (DIN 53421) at 10% stress.
Tensile Strength	7N/cm² (DIN 53430)
Shear Strength	8N/cm² (DIN 53422)

APPLICATION INFORMATION

Cutting Time	20 mins to 1 hour depending on bead dimensions.
Tack Free Time	Approx. 8 minutes

APPLICATION INSTRUCTIONS

ALWAYS WEAR PROTECTIVE GLOVES.
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. Any excess foam can be removed whilst still wet with Everbuild Dual Purpose Foam Cleaner. Cured foam must be removed mechanically. Always remove nozzle from can and clean immediately after use with Everbuild Dual Purpose Foam Cleaner. When used for fixing doorframes, supports must be used until the foam is fully cured.
Please note:

- When transported in cars, keep in boot, out of direct sunlight.
- When removing cured foam from skin, take care not to damage with abrasives.

CLEANING OF TOOLS

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 pressurize container.
- Always apply above 5°C.
- Clean spills immediately with Everbuild Dual Purpose Foam Cleaner.

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.

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 the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Consult MSDS for full list of hazards.

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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