

PRODUCT DATA SHEET

Sika Boom® Adhesive Foam

High strength adhesive foam for bonding plasterboard, insulation panels, stone, masonry and most common construction materials.

PRODUCT DESCRIPTION

Sika Boom® Adhesive Expanding Foam is a high strength adhesive foam designed for use in a multitude of building applications. Sika Boom® Adhesive Expanding Foam adheres well to most common building materials including stone, concrete blocks, brick, wood, plasterboard, insulation boards and metal. Using Sika Boom® Adhesive Expanding Foam has many benefits over using traditional mortars, including time saving due to the high adhesive strength after just five minutes, less mess as there is no mixing, water or buckets required, unlike conventional mortars, and no heavy lifting. Once cured, Sika Boom® Adhesive Expanding Foam is rot-proof, and moisture and temperature resistant, making it ideal for both internal and external applications.

USES

- Fixing plasterboard to solid walls.
- Fixing plasterboard to metal and timber stud walls and battens.
- Bonding insulation boards to most substrates.
- Mortar substitute for building planters.
- Mortar substitute for non-structural elements, including privacy walls.

PRODUCT INFORMATION

Packaging	750 ml canister
Shelf Life	15 months from date of manufacture in original, unopened cans. Once opened, shelf life is reduced to one month from original use.
Storage Conditions	Store upright between +10 °C and +20 °C. Store as flammable liquid. Note: Elevated temperatures will reduce shelf life dramatically.
Compressive Strength	30 kPa (at 10 % compression) to EN 17333-4.1
Tensile Strength	Approx. 105 kPa (EN 17333-4.2)
Shear Strength	Approx. 45 kPa (EN 17333-4.2)

Reaction to Fire	B3 (DIN 4102)
Thermal Resistance	-40 °C to +80 °C

APPLICATION INFORMATION

Yield	Up to 70 m (30 mm diameter strand)
Product Temperature	+5 °C to +30 °C
Substrate Temperature	+5 °C to +35°C (optimal 20 °C)
Open Time	4 to 6 minutes
Cutting Time	40 minutes

VALUE BASE

All technical data stated in this Product 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 use on polyethylene, silicone, oily or greasy substrates, mould-release agents or similar substances.
- Always apply above +5 °C.
- Clean spills immediately using Sika Boom® Foam Cleaner.
- Always clean the applicator gun thoroughly with Sika Boom® Foam Cleaner until the jet is clear of foam. Leave the canister attached until the gun is to be used again.
- It is the user's responsibility to determine suitability for use. If in doubt, contact Sika Technical Service for advice.

Please note:

Never store this can horizontally. The valve may seize and fail to activate.

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 for 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 joined with water. This assists the curing process.

APPLICATION METHOD / TOOLS

- Shake can well before use (about 20 times).
- Attach canister to applicator gun. Remove black cap and screw gun carefully onto the adaptor. Take care

not to over-tighten.

- ALWAYS USE CAN UPSIDE DOWN.
- The trigger should be depressed gently to control the foam release.
- Moisten released foam evenly.
- Spills should be cleaned up immediately with Sika Boom® Foam Cleaner.

CLEANING OF TOOLS

- Clean the applicator gun immediately after use with Sika Boom® Foam Cleaner until the jet runs clear of foam.
- Clean the valve of the canister with Sika Boom® Foam Cleaner immediately after use.
- The canister can be left on the gun between jobs.
- Cured foam must be removed by mechanical means. No solvent will remove cured foam.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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.

SIKA LIMITED

Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited



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