BUILDING TRUST
CONSTRUIRE LA CONFIANCE

PRODUCT DATA SHEET

Sika Boom®-132

PEST AND INSECT BLOCKING POLYURETHANE FOAM

PRODUCT DESCRIPTION

Sika Boom®-132 is a one-component pest and insect blocking and expansive polyurethane foam used to fill gaps and cracks.

WHERE TO USE

- Blocking entry points of ants, bees, spiders, mice, etc.
- Filling and sealing gaps, joints and cavities
- Filling wall penetrations

CHARACTERISTICS / ADVANTAGES

- Contains EPA-registered pesticide that protects foam from attack by mice and other pests
- Good for filling wide gaps with its high expansion rate
- High yield formulation
- Excellent adhesion, stability and filling capacity
- High thermal and acoustical insulation values
- Adheres to most common building materials (concrete, wood, metal, glass, etc.)
- Mould-proof, waterproof and over-paintable
- Applicable at temperatures ranging between -5 °C and +30 °C
- No special tools required - includes convenient dispensing straw
- Cured foam becomes rigid when dried; can be trimmed, shaped and sanded

PRODUCT INFORMATION

Composition / Manufacturing	Polyurethane Prepolymer (Moisture-curing)
Packaging	473 mL (536 g) can / 12 cans per case
Shelf Life	15 months from the date of production
Storage Conditions	Store properly in undamaged, original, sealed packaging. Store in an upright position, in dry conditions, protected from direct sunlight and at temperatures between 5 °C and 30 °C
Colour	Light yellow
Density	22 ± 3 kg/cm³ (ASTM D1622)
Compressive Strength	0.03 MPa
Thermal Conductivity	0.036 W/m.k (at 20 °C)
Service Temperature	-40 °C to +80 °C

Water Absorption	1 % max. (DIN 53428)
Yield	15–23 L
Product Temperature	Optimal can temperature is +20 °C. Sika Boom®-132 should be kept in room temperature (+20 °C) for at least 12 hours before application.
Ambient Air Temperature	-5 °C to +30 °C
Substrate Temperature	-5 °C to +30 °C
Curing Time	24 hours
Tack-free time	7 ± 3 minutes (ASTM C1620)
Cutting Time	30–45 minutes (ASTM C1620)

BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

LIMITATIONS

- Can must be held used in the upside down position for application; failure to do so will prevent the foam from dispensing properly
- Product will not adhere to surfaces such as polyethylene, teflon, silicone and surfaces contaminated with oils, greases, mould-release agents and other similar materials
- Do not store cans in direct sunlight
- Do not expose cans to temperatures greater than 50 °C
- Can must be stored and transported in vertical position
- Keep product at room temperature for at least 12 hours before the application
- Cured foam will discolour if exposed to ultraviolet light
- For best results, the cured foam may be painted or coated for outdoor applications
- Lower temperatures decrease yield and curing time

ENVIRONMENT, HEALTH & 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

The substrate must be clean, sound and homogeneous, free from oils, grease, dust and loose or friable particles. Paint, cement laitance and other poorly adhering contaminants must be removed. Sika Boom®-132 adheres without primers and/or activators. Dampen the substrate with clean water before application, as this ensures that the foam will cure properly, and will prevent secondary foam expansion.

MIXING

Shake Sika Boom®-132 can well for about 60 seconds before use. Repeat shaking after long interruptions of use. Turn the can upside down and screw the straw adapter firmly into place without pressing the valve. Regulate the foam flow by applying more or less pressure on the valve/adapter

APPLICATION

Fill deep cavities in several layers. It is important to allow each layer to expand and cure sufficiently by spraying water between each layer (or allowing sufficient waiting time between the layers. Fill the cavity approximately 30 % to allow for expansion. All building elements must be temporarily fixed until the foam has fully cured.
Note: Sika Boom®-132 can only be used in the upside down position; failure to invert the can will prevent the foam from dispensing properly.

CLEAN UP

Clean all tools and application equipment immediately with Sika Boom® Cleaner. Uncured material may be removed from substrates and tools with Sika® Hand Cleaner. Once cured, residual material can only be removed mechanically. Refer to Sika Boom® Cleaner product data sheet for further information

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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

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