

PRODUCT DATA SHEET

FOAMLEX

BACKING RODS FOR JOINTING REQUIREMENTS

DESCRIPTION

Foamlex is manufactured from the highest quality closed cell polyethylene to produce a joint backing material primarily for use in conjunction with elastomeric sealants.

USES

Foamlex is pushed into joint gaps to form a uniform and firm base for controlling the depth of gun applied elastomeric sealants such as Sikaflex.

Foamlex can be used for forming the base of vertical and horizontal joints in the following applications:

- Joints between precast concrete panels
- Saw cut joints in concrete floors
- Peripheral joints around aluminium and timber windows
- Around penetrations through walls and floors
- Expansion joints between bricks and masonry

Can also be used for draught-proofing and dust-proofing of joints in situations where no other form of sealing is required.

CHARACTERISTICS / ADVANTAGES

- Weather resistant
- No water absorption, closed cell
- No adhesion to sealants, sealant has unrestricted movement
- Approved for use in food areas (Australia Standard AS2170)
- Easy to install
- Wide range of sizes available
- Non toxic, odourless
- Resistant to most chemicals
- Easily compressible, good expansion
- Very light weight

PRODUCT INFORMATION

Chemical Base	Closed cell polyethylene foam	
Packaging	Diameter	Length per Roll
	8 mm	1 000 m
	10 mm	100 m
	15 mm	100 m
	20 mm	100 m
	25 mm	100 m
	30 mm	100 m
Colour	White	

Density	37 kg/m ³
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TECHNICAL INFORMATION

Moisture Absorption	Less than 1 % after 7 days immersion in water.
Thermal Conductivity	0.035 W/m.k.
Chemical Resistance	Unaffected by oils, petrol, sewage and most industrial chemicals.

SYSTEM INFORMATION

Service Temperature	-40°C to +70°C
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APPLICATION INSTRUCTIONS

APPLICATION

- Foamlex should have a diameter of 25 - 30% greater than the width of the joint to ensure that it remains firmly in place during sealant application.
- When installing the Rod it is essential to ensure that a blunt instrument is used to avoid cutting or puncturing the surface. Puncturing can cause bubbles to occur in the uncured sealant.
- The rod must be positioned to achieve a uniform and even, predetermined depth without any twists, bumps or gaps.
- During installation avoid excessive longitudinal stretching of the rod.
- Refer to the "Sikaflex Elastomeric Sealants" data sheet, for information on joint design and calculation of joint movement.

BASIS OF PRODUCT DATA

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.

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LOCAL RESTRICTIONS

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

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

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.