

PRODUCT DATA SHEET

Sika® FillerBoard-50 PE

CLOSED CELL POLYETHYLENE FILLERBOARD

DESCRIPTION

Sika® FillerBoard-50 PE is a closed cell, crossed linked, non-absorbent polyethylene expansion joint filler board for use in expansion and isolation joints in concrete and masonry structures. Sika® FillerBoard-50 PE is UV resistant, has excellent weatherability, is non-absorbent and has excellent properties allowing it to be used in water retaining and excluding structures where, potable, salt, chlorine and sewerage water is prevalent.

USES

- Slab on ground
- Brickwork and blockwork
- Reinforced concrete structures
- Concrete roads & pavements
- Suspended slabs
- Basements and tunnels
- Water retaining and excluding structures
- Dams & reservoirs

FEATURES

- Non-absorbent
- Lightweight
- Excellent weatherability
- Resistant to ultraviolet light
- No bitumen content
- Ability to compress and recover
- Non extruding from joint movement
- Suitable for submerged or trafficable joints

PRODUCT INFORMATION

Packaging	2 m x 1 m polyethylene board	
Shelf life	Product does not expire if correctly stored	
Storage conditions	Store in dry condition	
Dimensions	Length	2 m
	Width	1 m
	Thickness	10mm, 20mm and 25 mm
Tensile strength	~0.35 MPa	(ASTM D412)
Elongation	>50 %	(ASTM D412)
Water absorption	~0.012 kg/m ³	(ASTM A3575-Section 27-31)

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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

APPLICATION METHOD / TOOLS

Sika® FillerBoard-50 PE is cut to size in sheet form with a sharp retractable blade. Sheets and rolls are adhered to the first concrete structure by a contact adhesive. Adhesive is applied directly to the sheet in 50mm diameter 'spots' @ 300mm centers (approximately) or as required. Also refer to our installation method, available upon request.

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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ISO 9001, 14001, 45001 – SGS:
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- Sika International Chemicals LLC
- Sika Gulf B.S.C. (c)
ISO 9001, 14001 – SGS:
- Sika Saudi Arabia Limited
ISO 9001, 14001 – TÜV:
- Sika UAE LLC (Branch)
ISO 9001 – SGS:
- Sika MB LLC

All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



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