

PRODUCT DATA SHEET

SikaBit® Protection Sheet-4 SA

4 MM THICK PROTECTION AND RECOVERY BOARD

DESCRIPTION

SikaBit® Protection Sheet-4 SA is a tough, rot-proof, durable pre-molded bitumen based board covered on both sides with a thin polyethylene film. Suitable for use in hot and tropical climatic conditions.

USES

SikaBit® Protection Sheet-4 SA is suitable for a variety of applications in below or above ground water-proofing as well as,

- Roofing, new and renovation projects as a recovery board.
- Waterproofing system protection board within civil works.

CHARACTERISTICS / ADVANTAGES

- Very low water absorption.
- Non invasive. Compatible with SikaBit® ranges of products.
- Withstands impact from backfilling operations on site, as well as effective protection against construction traffic, concreting and other topping work.
- Maintains shape stability at high temperatures.
- It is tough, rot-proof and non-biodegradable. It is unaffected by permanent immersion in water.
- Resistant to water, salts, chlorides and other chemicals normally found in soils.
- Can be bent to normal contours without cracking while rigid enough to hold as a board on vertical surfaces.
- High puncture and impact resistance.

PRODUCT INFORMATION

Composition	Bituminous mix with fillers and modifiers.	
Packaging	1 m x 2 m board, 175 boards per pallet.	
Appearance / Colour	Black	
Shelf life	2 years from date of production if stored properly in original unopened packaging.	
Storage conditions	Boards must be stored in their original package, and under cool and dry conditions between temperatures of +5 °C and +35 °C. They must be protected from direct sunlight, rain, snow and ice.	
Length	2 m ± 1 %	
Width	1 m ± 1 %	
Effective thickness	4 mm (±5 %)	(EN 1849-1)
Mass per unit area	5.5 kg/m ² (±10 %)	(EN 1849-1)

TECHNICAL INFORMATION

Resistance to static puncture	≥500 N, ≥20 mm	(ASTM E154)
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APPLICATION METHOD / TOOLS

SikaBit® Protection Sheet-4 SA should be installed in butt joints continuously over the waterproofing material staggering the joints whenever possible. Cut the SikaBit® Protection Sheet-4 SA with suitable knife as required to obtain complete coverage and neat overall finish.

SikaBit® Protection Sheet-4 SA can be placed loose directly on the waterproofing membrane or by adhesive with Sika® Bitumen Adhesive-270, please refer to the Product Data Sheet for more information.

On top of torched applied membranes heated application is possible by slightly burning the underside of the board away from the surface and quickly pressing it. A temporary support might be necessary until the backfilling starts. During backfilling care must be taken to ensure the board is not dragged down.

FURTHER INFORMATION

- Do not use with PVC based membranes, for example Sikaplan® WP range.
- Method Statement
- Application Manual
- Refer to relevant standards, guidelines and good industry practice.

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.

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.

ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

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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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 OHSAS 18001.

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