

## PRODUCT DATA SHEET

# SikaShield® PB P15 PE SA 4 mm

(formerly SikaBit® Protection Sheet-4 SA)

A Semi-Flexible 4 mm Protection and Recovery Board

## DESCRIPTION

SikaShield® PB P15 PE SA 4 mm is a tough semi-flexible, rot-proof, durable, pre-molded bitumen based board with the top surface covered with a thin polyethylene film (PBS) and the underside covered with a thin easy torched polyethylene film. Suitable for use in hot and tropical climatic conditions.

## USES

- Excellent protection of waterproofing system. Forms a protective layer against sharp stones during back-filling.
- Protects the waterproofing systems from damage caused by impact of tools and equipment at the site.
- Avoids the need for masonry or screed protection.

## FEATURES

- Compatible with bituminous torch applied or self-adhesive membranes
- Avoids the need for masonry or screed protection
- Resistant to corrosive salts in groundwater
- Can be applied vertically or horizontally
- Robust, durable and flexible

## PRODUCT INFORMATION

Packaging	Sheets 1.0 m x 2.0 m
Shelf life	24 months from the production date
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.
Appearance and colour	Black
Length	2 m ± 1 %
Width	1 m ± 1 %
Thickness	4 mm ± 0.2 mm (ASTM D5147)

## 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.

## LIMITATIONS OF USE

Do not use with PVC based membranes, for example, Sikaplan® WP range.  
SikaShield® PB P15 PE SA 4 mm to be loose laid in conjunction with Sikalastic®-600 and Sikalastic®-800 product ranges.

## IMPORTANT CONSIDERATIONS

- Puncture resistance : 900-1000 N (ASTM E154)

## 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

SikaShield® PB P15 PE SA 4 mm should be installed in butt joints continuously over the waterproofing material staggering the joints whenever possible.  
Cut the SikaShield® PB P15 PE SA 4 mm with roofers knife, as required, to obtain complete coverage and neat overall finish. On horizontal surfaces, SikaShield® PB P15 PE SA 4 mm can be placed loose directly on the waterproofing membrane or coating, while spot bonding with adhesive patches of SikaProof® FixTape-50 on the edges to avoid slippage.

On vertical surfaces SikaShield® PB P15 PE SA 4 mm can be fixed in two ways:

- By adhesive with Sika® Bitumen Adhesive-270, please refer to the Product Data Sheet for more information.
- Heated application 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.

## 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 MB Construction Chemicals LLC  
-Sika Saudi Arabia Limited  
-Sika Kuwait Cons. Mat. & Paints Co WLL  
-Sika MB Construction Chemicals for Manufacturing LLC  
-Master Builders Solutions 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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