

PRODUCT DATA SHEET

SikaShield® P12 PE EG 4 mm

APP Modified Bituminous Membrane

DESCRIPTION

Bituminous Membrane made of a special grade of bitumen modified with polymers and reinforced with Glass fiber which providing high dimensional stability

USES

- Waterproofing for wet areas, mechanical rooms, and terraces.
- Vapor barrier sheet.
- Applications subject to low mechanical stress.

FEATURES

- Reinforcement provides the membrane with dimensional stability.
- Compatible with all types of bituminous waterproofing systems.
- Improved chemical resistance to acidic and alkaline solutions.
- Environmentally friend.
- Enhanced thermal resistance under a wide range of temperature fluctuation,

PRODUCT INFORMATION

Packaging

Roll size: 1.0 m (roll width) x 10.00 m (roll length).

Shelf life12 months from the production date

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Storage conditions

The Product must be stored in original unopened and undamaged packaging in dry conditions and temperatures between +5 °C and +35 °C. Store in a vertical position. Do not stack pallets of the rolls on top of each other, or under pallets of any other materials during transport or storage. Always refer to packaging

Thickness	4,0 mm ± 5 %	(EN 1849-)
Tensile strength	Longitudinal	400 N/ 5 cm - 20% (EN 12311-1)
	Transverse	200 N / 5 cm - 20%
Elongation	Longitudinal	≥ 2% (EN 12311-1)
	Transverse	≥ 2%
Tear strength	Longitudinal	300 N ± 30% (ASTM D-5147)
	Transverse	150 N ± 30%
Flexibility at low temperature	≥ 0 °C	((EN 1109))
Flow resistance	120°C	(EN 1110)
Water absorption	Less than 1 %	(ASTM D-5147)

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

SUBSTRATE QUALITY

in-situ concrete.

clean,sound,smooth and dry , hemogenous free from oil and grease , dust and losse or variable particles

APPLICATION METHOD / TOOLS

The application os SSH P12 by using a propane or by mechanical fastening .

The application of the membranes can be applied to the substrate fully bonded ,semi bonded or loose laid in accordance with the waterproofing system for membrane installations , according to surface conditions , aprimer coat of sika bitumen-W required , side laps should be from 8-10 cm while end laps should be from 12-15 cm .

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BUILDING TRUST



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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