

PRODUCT DATA SHEET

SikaShield® Protection Board 3.0

BITUMINOUS PROTECTION BOARD

PRODUCT DESCRIPTION

SikaShield® Protection Board 3.0 is an SBS/APP protection board, reinforced with polyester for increased tensile strength and puncture resistance.

USES

For use as a protection board with SikaShield® Hot Melt Structural Waterproofing systems.

CHARACTERISTICS / ADVANTAGES

- Damp proof with very low water absorption.
- High puncture and impact resistance. Passes the chisel test.
- Strong impact resistance from backfilling and abrasion from construction traffic, concreting and other topping work.
- Maintains shape stability at high temperatures and retains flexibility at low temperatures.
- It is tough, rot proof and non-biodegradable with over 75% bitumen content.
- Resistant to salts, chlorides and other chemicals normally found in soils.

PRODUCT INFORMATION

Chemical Base	APP/SBS Bitumen
Packaging	Product is packaged onto a pallet and shrink wrapped for transport.
Shelf Life	15 years if stored correctly
Storage Conditions	In a dry ventilated area room far from sources of heat and direct sunlight.
Appearance / Colour	Black
Dimensions	1m x 2m Sheet
Thickness	3mm
Area Density	3.85 kg/m ² [+/- 10%]
Ignition Temperature	>300°C
Flash Point	Minimum 250°C (based on bitumen)
Water Absorption	<0.55 % (ASTM D5147)
Reaction to Fire	F (13501-1)

VALUE BASE

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.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

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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Product Data Sheet
SikaShield® Protection Board 3.0
June 2024, Version 01.01
020945139000000110

SikaShieldProtectionBoard30-en-GB-(06-2024)-1-1.pdf

