

PRODUCT DATA SHEET

Sikaproof® Membrane

HIGHLY ELASTIC BITUMEN LIQUID-APPLIED WATERPROOFING MEMBRANE

DESCRIPTION	Sikaproof® Membrane is a 1-component, water based, bitumen polymer modified waterproofing, cold applied liquid membrane.
USES	<ul style="list-style-type: none"> ▪ Below grade waterproofing of concrete and masonry surface ▪ Flat roofs ▪ Balconies ▪ Basement etc ▪ Wall damp proofing
ADVANTAGES	<ul style="list-style-type: none"> ▪ Easily applied by brush or spray ▪ Fast curing to a durable, flexible coating ▪ Excellent adhesive and crack bridging properties ▪ Designed for use on new and existing structures ▪ Contains no solvents ▪ Odourless and taint free
PRODUCT INFORMATION	
Test	Local test results are available
Form / Colour	Thick liquid / Black (once dry)
Packaging	6 kg & 18 kg pails
Shelf Life	12 months from date of production stored properly in unopened, original packaging
Storage Conditions	Store properly in original unopened, sealed and undamaged packaging in dry conditions at temperatures between +5 °C and +35 °C. Keep away from direct sunlight.
TECHNICAL INFORMATION	
Density	~ 1.00 kg/ltr
Solid Content	55 - 63%
Consumption	<ul style="list-style-type: none"> - Primer: ~0.2 - 0.3 kg/m² - Coating: ~0.6 kg/m² per coat

	~2.0 kg/m ² for a dry film thickness of ~1.1mm waterproofing membrane
Drying Time	~ 60 minutes until tack free. ~4 hours until dry (0.60mm wet thickness, 30 °C, 80% relative humidity)
Tensile Strength	> 0.5 N/mm ² (ASTM D-412)
Ultimate Elongation	~300% (ASTM D-412)
Fire Resistance	Wet: non inflammable Dry: flame will not spread

APPLICATION

Surface Preparation	Substrate must be clean, sound and free from standing water and any surface contamination i.e. oil, grease, curing compounds and surface laitance.
Priming	Add ~20-50% fresh water (by weight) to Sikaproof® Membrane and mix thoroughly. Prime the surface by brush or spray. Allow to completely dry prior to the application of further coatings. In case of porous, absorbent substrates pre-wet the surface with water. Avoid standing water.
Application	Apply Sikaproof® Membrane to the clean and primed surface by brush or spray. When spraying exterior below grade walls, ensure a uniform thickness to obtain a pinhole-free surface. For water tightness apply 2-3 coats. Allow the coat to dry between application.
Cleaning	Clean tools and hands with cold water when wet and use solvents when dry.
Notes on Application /Limits	<ul style="list-style-type: none"> ▪ As Sikaproof® Membrane is not long term UV resistant therefore exposed surface (e.g. flat roof) must be protected (e.g. over coated with reflective paint or protective mortar screed) as soon as possible after application. ▪ Not to be used as a traffic bearing surface ▪ Do not thin with solvents ▪ Once the container is opened, use the entire contents ▪ Ponding test (if required) shall be conducted after membrane is dry completely.

HEALTH AND SAFETY INFORMATION

Wear protective clothing e.g. gloves, goggles. Avoid contact with skin and eyes. In case of any contact wash with plenty of water immediately.

BASIS OF PRODUCT DATA

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.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

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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