

# PRODUCT DATA SHEET

## Sikaproof® Membrane

HIGHLY ELASTIC BITUMEN LIQUID-APPLIED WATERPROOFING MEMBRANE

<b>DESCRIPTION</b>	Sikaproof® Membrane is a 1-component, water based, bitumen polymer modified waterproofing, cold applied liquid membrane.
<b>USES</b>	<ul style="list-style-type: none"> <li>▪ Below grade waterproofing of concrete and masonry surface</li> <li>▪ Flat roofs</li> <li>▪ Balconies</li> <li>▪ Basement etc</li> <li>▪ Wall damp proofing</li> </ul>
<b>ADVANTAGES</b>	<ul style="list-style-type: none"> <li>▪ Easily applied by brush or spray</li> <li>▪ Fast curing to a durable, flexible coating</li> <li>▪ Excellent adhesive and crack bridging properties</li> <li>▪ Designed for use on new and existing structures</li> <li>▪ Contains no solvents</li> <li>▪ Odourless and taint free</li> </ul>
<b>PRODUCT INFORMATION</b>	
<b>Test</b>	Local test results are available
<b>Form / Colour</b>	Thick liquid / Black (once dry)
<b>Packaging</b>	20 kg pails
<b>Shelf Life</b>	12 months from date of production stored properly in unopened, original packaging
<b>Storage Conditions</b>	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.
<b>TECHNICAL INFORMATION</b>	
<b>Density</b>	~ 1.00-1.30 kg/ltr
<b>Solid Content</b>	> 45%
<b>Consumption</b>	<ul style="list-style-type: none"> <li>- Primer: ~0.2 - 0.3 kg/m<sup>2</sup></li> <li>- Coating: ~0.6 kg/m<sup>2</sup> per coat (minimum 2 coats)</li> </ul>

<b>Drying Time</b>	< 24 hrs (completely dry)
<b>Tensile Strength</b>	> 0.5 N/mm <sup>2</sup> (ASTM D-412)
<b>Ultimate Elongation</b>	~300% (ASTM D-412)

## APPLICATION

<b>Surface Preparation</b>	Substrate must be clean, sound and free from standing water and any surface contamination i.e. oil, grease, curing compounds and surface laitance.
<b>Priming</b>	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.
<b>Application</b>	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.
<b>Cleaning</b>	Clean tools and hands with cold water when wet and use solvents when dry.
<b>Notes on Application /Limits</b>	<ul style="list-style-type: none"> <li>▪ 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.</li> <li>▪ Not to be used as a traffic bearing surface</li> <li>▪ Do not thin with solvents</li> <li>▪ Once the container is opened, use the entire contents</li> <li>▪ Ponding test (if required) shall be conducted after membrane is dry completely.</li> </ul>

## 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 can always refer to the most recent version of the local Product Data Sheet for the relevant product,

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available on our website. The information in any downloaded version is valid as of the time of download.

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