

PRODUCT DATA SHEET

SikaProof® Membrane (paste)

1-PART BITUMEN POLYMER-MODIFIED LIQUID APPLIED MEMBRANE

DESCRIPTION

Sikaproof membrane is a 1- component, water based, bitumen polymer modified waterproofing, cold applied liquid membrane.

USES

- Below grade waterproofing of concrete and masonry surfaces
- Flat roofs
- Balconies
- Basements, etc.

CHARACTERISTICS / ADVANTAGES

- Single component, ready to use
- Easily applied by roller or brush
- Fast curing to a durable, flexible consistency
- Excellent adhesive and elongation properties
- Designed for use on new and existing structures
- Contains no solvent

PRODUCT INFORMATION

Packaging	200 Liter Drum
Shelf Life	Minimum 12 months if stored properly in unopened, original containers
Storage Conditions	Keep dry at 5 °C -35 °C in a cool, shaded place
Density	1.18kg/liter
Solid content by weight	53% - 58%
Shore A Hardness	20 - 25
Tensile Strength	0.5N/mm ²
Elongation at Break	700%

SYSTEM INFORMATION

System Structure	System	System Build-up
	Coating System	1. Primer (SikaProof® Membrane diluted in 20% to 50% water) 2. 2 Coats of SikaProof® Membrane
	Reinforced System	1. Primer (SikaProof® Membrane diluted in 20% to 50% water) 2. 1 Coat of SikaProof® Membrane 3. Sikalastic Fleece 4. 1 Coat of SikaProof® Membrane 5. 2 Coats of SikaProof® Membrane

APPLICATION INFORMATION

Consumption	<ul style="list-style-type: none">Primer : 0.2 - 0.3 Kg/M²Coats : 0.75 (Approx) Kg/M³ per coat at 0.6 WFT
Curing Time	At least 48 Hours after top coat for curing
Drying Time	4 Hours until Dry (0.60mm Thickness, 30 °C, 80% Relative Humidity)

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.

FURTHER DOCUMENTS

Other Notes

- As SikaProof Membrane is not long term UV resistant therefore exposed surface must be protected (e.g. protective mortar screed or tile adhesive)
- Not to be used as a traffic bearing surface.
- Do not thin with solvents.

Protective Measures

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

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 Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

EQUIPMENT

- Brush or Roller for application

SUBSTRATE PREPARATION

- Substrate must be clean, sound, dry and free from any surface contamination i.e. grease, curing compounds, oil and surface laitance.

APPLICATION METHOD / TOOLS

Coating System

- Pre-mix before use.
- Priming:** Add 20-50% water to SikaProof® Membrane and mix thoroughly. Prime the surface by brush or roller.
- Allow to completely dry prior to the application of the subsequent coats.
- Subsequent Coats:** Apply to the clean primed surface by brush or roller. When applying on exterior below grade walls, ensure a uniform thickness to obtain a pinhole-free surface.
- For watertightness, apply at least 2-3 coats. Allow to dry between application.
- Allow full curing after top coat for at least 48 hours.

Reinforced System

- Pre-mix before use.
- Priming:** Add 20-50% water to SikaProof® Membrane and mix thoroughly. Prime the surface by brush or roller.
- Allow to completely dry prior to the application of the subsequent coats.
- Apply 1 coat of SikaProof® Membrane.
- Press Sikalastic Fleece onto the fresh coat. Ensure that the fleece is fully saturated.
- Apply another coat while previous coat and fleece is still fresh.
- Allow to dry between application.
- For watertightness, apply at least 2-3 coats. Allow to dry between application.
- Allow full curing after top coat for at least 48 hours.

CLEANING OF TOOLS

Clean tools and hands with cold water when wet. Dried material must be removed mechanically.

LOCAL RESTRICTIONS

Please note that as a result of specific 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.

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.

Sika (Singapore) Pte Ltd.

28 Tuas South Ave 8

Singapore 637648

Phone: +65 6861 0632

Fax: +65 6862 3915

Email: sales@sg.sika.com

www.sika.com.sg



SikaProofMembranepaste-en-SG-(06-2021)-1-1.pdf

Product Data Sheet

SikaProof® Membrane (paste)

June 2021, Version 01.01

020706301000000041