



PRODUCT DATA SHEET

Sikalastic® Primer EPDM

SINGLE COMPONENT PRIMER FOR CONSISTENT AND DURABLE ADHESION BETWEEN Sikalastic® RoofPro/RoofCoat Systems AND EPDM AND TPO Membranes.

PRODUCT DESCRIPTION

Sikalastic® Primer EPDM is a single component rubber polymer based primer to improve adhesion of Sikalastic liquid applied membranes to flexible EPDM and TPO roofing membranes. Unlike thin primers that run and puddle, the high viscosity formulation promotes uniform coverage on both horizontal and vertical surfaces. Sikalastic® Primer EPDM does not react with atmospheric moisture allowing it to be opened and resealed for use at a later date.

WHERE TO USE

Sikalastic® Primer EPDM is used to prime EPDM and TPO roofing membranes to improve adhesion of Sikalastic® RoofPro/RoofCoat Systems. It is typically used for overcoating existing roofing membranes, flashing and flashing of penetrations and perimeter terminations, performance of repairs, or modification to the existing roofing system.

CHARACTERISTICS / ADVANTAGES

- Provides excellent adhesion of new Sikalastic® liquid applied membrane to most EPDM and TPO membranes.
- Quick cure allows same-day Sikalastic® RoofPro/RoofCoat membrane application in most instances.

PRODUCT INFORMATION

Packaging	3.8 L (1 gal.) cans, 6 cans per carton	
Shelf Life	12 months in original, unopened and undamaged sealed containers	
Storage Conditions	Store dry between 5 and 30 °C (41 and 86 °F)	
Density	0.779 kg/l	
Solid content	15 %	(ASTM D-2697)
Volatile organic compound (VOC) content	690 g/l	(ASTM D-2369-81)

TECHNICAL INFORMATION

Service Temperature -30 °C – 80 °C (-22 °F – 176 °F) intermittent

APPLICATION INFORMATION

Yield	4.9 L/m ² - 6.1 L/m ² (200 - 250 sqft/gal)
Ambient Air Temperature	5 °C (41 °F) min. / 35 °C (95 °F) max.
Relative Air Humidity	80 % R.H. max.
Substrate Temperature	5 °C (41 °F) min. / 60 °C (140 °F) max.
Dew Point	Beware of condensation. The substrate and uncured coating must be ≥ 3 °C (5 °F) above dew point.
Pot Life	Once opened, the product should be used and resealed promptly. Sikalastic® Primer EPDM does not react with atmospheric moisture allowing it to be opened and resealed for use at a later date.
Drying time	Allow primer to dry completely before applying resins (typically within 40 minutes). Primer will visually appear “dull” or “flat” and will feel dry to the touch. Drying conditions will vary depending on ambient air conditions. Use caution when installing at temperatures below 5°C (40°F) to prevent blushing of Sikalastic® Primer EPDM (formation of condensation on surface of primer).

BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

LIMITATIONS

- Do not store materials outdoors exposed to sunlight and moisture for prolonged periods.
- Existing membrane must be dry prior to application. Do not apply to a frosted, wet or damp surface.
- Allow sufficient time for the existing membrane to dry after rain or inclement weather, or following pressure washing, as there is the potential for bonding problems.
- Precautions should be taken to prevent vapours and/or odors from entering the building/structure, including but not limited to turning off and sealing air intake vents and through-wall air conditioners, and other means of vapour/odor ingress during application and cure
- Do not use as a membrane cleaner.
- Talc, dust, oil, ice, snow, or wet conditions inhibit good adhesion. Clean and dry surfaces are a necessity.
- Not for use on PVC roof membranes.
- Do not use on extruded or expanded polystyrene insulation.

ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All work surfaces should be clean, dry, free of dirt, dust, debris, oils, un-adhered coatings, deteriorated membrane and other contaminants that may result in a surface that is not sound or is uneven. If necessary, clean the surface with mineral spirits or VM&P naphtha prior to application of Sikalastic® Primer EPDM.

MIXING

Shake or stir the 3.8 L (1 gal.) can of Sikalastic® Primer EPDM for 30 seconds prior to application.

APPLICATION

Do not dilute or extend Sikalastic® Primer EPDM. Surfaces should be dry and clean before applying Sikalastic® Primer EPDM. EPDM and TPO surfaces should be cleaned with a suitable solvent such as mineral spirits prior to priming. Observe all manufacturers' safety precautions and use recommendations when using solvents. When the surfaces are dry, apply Sikalastic® Primer EPDM with a fully saturated roller or brush. Some applications may require the use of a scouring pad to achieve proper adhesion. Always complete an adhesion test before application. If using a scouring pad, be sure that it is free of excessive dust from EPDM membranes. Replace pads often. The surface should appear wet during application. Do not overwork primer. Apply Sikalastic® Primer EPDM 2" past actual application area to insure complete coverage.

Allow primer to dry completely before applying resins (typically within 40 minutes). Primer will visually appear "dull" or "flat" and will feel dry to the touch. Drying conditions will vary depending on ambient air conditions. When not in use, keep lid on primer to prevent solvent evaporation. When finished, secure lid and store primer as recommended for use at a later date. Use caution when installing at temperatures below 5°C (40°F) to prevent blushing of Sikalastic® Primer EPDM (formation of condensation on surface of primer).

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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

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