

PRODUCT DATA SHEET

Sikalastic® Primer PVC

One-component primer for adhering Sikalastic®-621 or Sikalastic®-641 Lo-VOC liquid applied membrane to flexible PVC roofing membranes.

PRODUCT DESCRIPTION

Sikalastic® Primer PVC is a single component, polyurethane based primer for bonding Sikalastic® 621 or Sikalastic® 641 Lo-VOC liquid applied membrane to flexible PVC roofing membranes.

USES

Sikalastic® Primer PVC may only be used by experienced professionals.

Suitable for use for tie ins, repair, and modification in combination with following membranes:

- Sikaplan® A
- Sarnafil® G410

Other PVC membranes must be tested to verify adhesion prior to application

CHARACTERISTICS / ADVANTAGES

- Provides excellent adhesion of Sikalastic®-621 and Sikalastic®-641 Lo-VOC liquid applied membrane to Sarnafil® and Sikaplan® PVC membranes.
- Quick cure- allows same-day Sikalastic® membrane application in most instances.
- One-component - easy and ready to use

PRODUCT INFORMATION

Chemical Base	Solvent-based polyurethane compound	
Packaging	4 x 1000 ml cans per carton	
Appearance / Color	Red	
Shelf Life	9 months in original, unopened and undamaged sealed containers	
Storage Conditions	The product must be stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between 41–86 °F (5–30 °C)	
Density	~0.83 kg/l at 75 °F (24 °C) and 50 % R.H.	(EN ISO 2811-1)
Solid Content	6 %	(ASTM D-2697)

Viscosity	~1 mPa·s (+23 °C / 50 % r.h.)
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TECHNICAL INFORMATION

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

Coverage	75–100 sf/1000 ml bottle
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Ambient Air Temperature	41 °F (5 °C) min. / 95 °F (35 °C) max.
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Relative Air Humidity	80 % R.H. max.
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Dew Point	Beware of condensation. The substrate and uncured coating must be ≥ 5 °F (3 °C) above dew point.
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Substrate Temperature	41 °F (5 °C) min. / 140°F (60°C) max.
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Substrate Moisture Content	Visibly free from moisture and condensation
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Pot Life	Once opened, the product should be used promptly. Storage of partial containers may result in performance being affected.
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Waiting / Recoat Times	30 minutes to 2 hours (may vary due to weather conditions)
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BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LIMITATIONS

- Do not use in an inverted roof situation or in ponding water conditions.
- 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.
- Sikalastic® Primer PVC not UV-stable; recoat with Sikalastic® resin within 24 hours.
- Precautions should be taken to prevent vapors 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 vapor/odor ingress during application and cure.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety

Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Clean existing membrane thoroughly by power washing to remove dirt and debris. Heavy Preparation contamination may require the use of a detergent. Vigorously solvent scrub with ethyl acetate and an abrasive scrub pad (3M S-18434 or equivalent) to remove oil, grease, silanes, salts, silicone, siloxanes and other chemicals and contaminants that could cause poor adhesion. Allow surface to dry thoroughly. Surface must be clean and dry.

MIXING

Shake the 1000 ml bottle of Sikalastic® Primer PVC for 30 seconds prior to application

APPLICATION

Apply a thin layer of Sikalastic® Primer PVC with a brush or felt pad, ensuring 100 % coverage of the surface area to be adhered to, but without puddling. Sikalastic® Primer PVC shall be applied once only. Care must be taken to ensure that this single application gives adequate and uniform coverage (glossy surface). Allow the primer to dry tack free. Reseal container tightly

immediately after use.

Over Painting - Allow primer to cure completely tack free prior to applying membrane resin. Curing time is dependent on temperature and relative humidity, and can range from 30 minutes to 2 hours, depending on temperature. Ideally, membrane resin will be applied within 2 hours of primer application. Maximum primer exposure is 12 hours.

CLEANING OF TOOLS

Clean all tools and application equipment with appropriate solvent immediately after use. Hardened and/or cured material can only be removed mechanically

OTHER RESTRICTIONS

See Legal Disclaimer.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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