PRODUCT DESCRIPTION
Two component, liquid applied, solvent based Epoxy primer with unique penetrating characteristics.

USES
Versatile primer for use with Sikalastic®-500 RoofCoat Systems
Suitable for use on:
- Concrete
- Metal
- Wood
- Polyurethane Elastomeric Surfaces

CHARACTERISTICS / ADVANTAGES
- Substrate Penetrating
- Low Viscosity
- Quick Cure/Re-coat Time

PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Chemical Base</th>
<th>Two component epoxy</th>
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</thead>
<tbody>
<tr>
<td>Packaging</td>
<td>2 gal. (7.6 L) kit and 10 gal. (37.8 L) kit Part A: 1 gal. (3.8 L), 5 gal. (18.9 L) Part B: 1 gal. (3.8 L), 5 gal. (18.9 L)</td>
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<tr>
<td>Appearance / Color</td>
<td>Part A: Black Part B: White</td>
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<tr>
<td>Shelf Life</td>
<td>12 months in unopened container</td>
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<tr>
<td>Storage Conditions</td>
<td>Keep containers closed and store in a dry, cool place away from direct sunlight, heat, sparks, open flame, and moisture. Keep material stored above 65 °F (18 °C). Open containers should be blanketed with dry nitrogen before resealing.</td>
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<tr>
<td>Density</td>
<td>Part A: 1.30 kg/l Part B: 1.89 kg/l</td>
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<tr>
<td>Solid Content</td>
<td>90 % by weight (ASTM D-2369) 84 % by volume (ASTM D-2697)</td>
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</table>
Volatile organic compound (VOC) content 93.9 g/L (ASTM D-2369-81)

Viscosity 1200 cps., Part A+B (at 75 °F (24 °C) and 50 % R.H.)

APPLICATION INFORMATION

Mixing Ratio Part A : Part B = 1:1 (by volume)

Coverage 1 gal/300 sq. ft. on non-absorbent smooth substrates.
1 gal/200 sq. ft. on prepared dry concrete.
Note: Rough, porous, or absorbent surfaces will require additional primer and will reduce yield.

Ambient Air Temperature 41 °F (5 °C) min. / 104 °F (40 °C) max.

Relative Air Humidity 80 % R.H. max.

Dew Point Beware of condensation. The substrate and uncured coating must be ≥ 5 °F (3 °C) above dew point.

Substrate Temperature 41 °F (5 °C) min. / 140 °F (60 °C) max.

Substrate Moisture Content ≤ 4 % moisture content Test method: Sika®-Tramex meter
No rising moisture according to ASTM (Polyethylene-sheet).

Pot Life 60–90 minutes (at 75 °F (24 °C) and 50 % R.H.)

Waiting / Recoat Times Allow primer to cure completely prior to applying membrane resin. Full cure: 4 hours at 68°F. Ideally, membrane resin will be applied within 24 hours of primer application. Maximum primer exposure is 48 hours. Primer exposed longer than 48 hours, and primer exposed to water during curing and exhibiting a chalky appearance, must be reprimed. Deteriorated primer must be mechanically removed before primer reapplication.

APPLICATION INSTRUCTIONS

MIXING

Sikalastic®-502 Primer should not be diluted under any circumstance. The volume mixing ratio: 1 Part B white liquid to 1 Part A black liquid. Premix Part A and part B components separately using low speed (400–600 rpm) mechanical mixer and Jiffy paddle at slow speed to obtain uniform color (typically 30 sec), making sure to scrape the solids from the bottom and the sides of the pail. Add Part B to Part A pail. Mix the combined material thoroughly until a homogenous mixture and uniform color is obtained (typically 3 min.)

APPLICATION

Remove all contaminants, oil and grease from substrate. Sikalastic®-502 Primer should be applied at the rate of 1 gal. (3.8 L) (mixture of part-A & part- B)/200–300 ft² (18.6–27.9 m). It can be applied using an airless sprayer, brush, or phenolic resin core roller. Allow Sikalastic®-502 Primer to become tack free before applying the coating. If Sikalastic®-502 Primer is allowed to dry completely, reprime the surface before proceeding. Sikalastic®-502 Primer is sensitive to heat and moisture. Higher temperatures and/or high humidity will significantly accelerate the cure time and decrease pot life. Use caution in batch sizes and thickness of application. Low temperature and/or low humidity extend the cure time.

LIMITATIONS

This information is meant to be used as a general guideline only. Consult the project specification and your Sika Representative for specific installation procedures.

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.

OTHER RESTRICTIONS

See Legal Disclaimer.

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.

LEGAL DISCLAIMER

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

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