

PRODUCT DATA SHEET

Sikalastic® Recoat Primer

TWO-COMPONENT, HIGH SOLIDS, AROMATIC POLYURETHANE PRIMER

PRODUCT DESCRIPTION

Sikalastic® Recoat Primer is a two component, high solids, liquid applied primer.
Optional: Sikalastic® 700 ACL Accelerator.

USES

- Partially completed new urethane coating systems
- Recover of existing urethane coating systems
- Repair of existing urethane coating systems

CHARACTERISTICS / ADVANTAGES

- High Solids
- Fast Re-Coat Time
- Low Odor
- Low Viscosity

PRODUCT INFORMATION

Packaging	10 gal. Kit, Comp. A-5 gal., Comp. B-5 gal. 4 gal. Kit , 2 X 1 gal. Comp.A, 2 X 1 gal. Comp.B	
Appearance / Color	Green Gray	
Shelf Life	12 months in original, unopened containers	
Storage Conditions	Store dry at 60–95 °F (15–35 °C). Condition material to 65–85 °F (18–30 °C) before using.	
Solid content by weight	97.8 %	(ASTM D-2697)
Solid content by volume	97.7 %	(ASTM D-2697)
Volatile organic compound (VOC) content	67 g/L	(ASTM D-2369-81)
Viscosity	Parts A & B Combined: 500 +/- 100 cps	

APPLICATION INFORMATION

Coverage	300 sf/gal.												
Layer Thickness	5 +/- 1 mils (Dry Film Thickness per Coat)												
Substrate Temperature	Sikalastic® Recoat Primer without Sikalastic® 700 ACL Accelerator Min. Application Temperature: 40 °F, and at least 3 °F above the dew point Sikalastic® Recoat Primer with Sikalastic® 700 ACL Accelerator Min. Application Temperature: 40 °F, and at least 3 °F above the dew point												
Pot Life	Sikalastic® Recoat Primer without Sikalastic® 700 ACL Accelerator <table border="1"><tr><td>45 minutes</td><td>at 40 °F (4 °C), 50 % R.H.</td></tr><tr><td>25 minutes</td><td>at 75 °F (24 °C), 50 % R.H.</td></tr><tr><td>20 minutes</td><td>at 90 °F (32 °C), 50 % R.H.</td></tr></table> Sikalastic® Recoat Primer with Sikalastic® 700 ACL Accelerator <table border="1"><tr><td>45 minutes</td><td>at 40 °F (4 °C), 50 % R.H.</td></tr><tr><td>25 minutes</td><td>at 75 °F (24 °C), 50 % R.H.</td></tr><tr><td>20 minutes</td><td>at 90 °F (32 °C), 50 % R.H.</td></tr></table>	45 minutes	at 40 °F (4 °C), 50 % R.H.	25 minutes	at 75 °F (24 °C), 50 % R.H.	20 minutes	at 90 °F (32 °C), 50 % R.H.	45 minutes	at 40 °F (4 °C), 50 % R.H.	25 minutes	at 75 °F (24 °C), 50 % R.H.	20 minutes	at 90 °F (32 °C), 50 % R.H.
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Cure Time	Sikalastic® Recoat Primer without Sikalastic® 700 ACL Accelerator Allow Sikalastic® Recoat Primer to become tack free before applying the coating. Approximate tack free time is 2-4 hours at 75°F and 50% relative humidity. If the primer has been allowed to remain tack free for more than 12 hours , it is necessary to solvent wipe surface with solvent and reprime the surface. Recommended surface temperature should be greater than 50°F and at least 5°F above the dew point. Sikalastic® Recoat Primer with Sikalastic® 700 ACL Accelerator Allow Sikalastic® Recoat Primer to become tack free before applying the coating. Approximate tack free time is 1-2 hours at 75°F and 50% relative humidity. If the primer has been allowed to remain tack free for more than 6 hours , it is necessary to solvent wipe surface with solvent and reprime the surface. Recommended surface temperature should be greater than 50°F and at least 5°F above the dew point.												

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Existing coating surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All loose and flaking coating, projections, rough spots, etc. should be dressed off to achieve a well-bonded, level surface prior to the application. Mechanically abrade the existing coating as required to obtain an open, textured surface profile.

MIXING

Premix Part A and Part B components using a mechanical mixer (Jiffy) at slow speed to obtain uniform color, making sure to scrape the solids from the bottom and

sides of the pail. Pour part B into Part A slowly and while mixing scrape the side of the container, Mix the combined material thoroughly until a homogenous mixture and uniform color is obtained (typically 3 minutes). When mixing use care not to entrap air into the mixture.

Sikalastic® Recoat Primer can be applied with or without Sikalastic® 700 ACL as an accelerator. In the event that Sikalastic® 700 ACL is used, add two quarts Sikalastic® 700 ACL into 10 gallons of mixed primer. Mix the combined material thoroughly until a homogenous mixture and uniform color is obtained (typically 3 minutes). When mixing use care not to entrap air into the mixture

APPLICATION

Apply at the recommended coverage rate, typically 1 gallon per 300 sf, using a phenolic resin core roller. Coverage rate will depend on surface roughness and porosity.

Reference Typical Data section for curing and recoat guidelines.

Removal

Remove liquid primer immediately with dry cloth. Once cured, primer can only be removed by mechanical means.

Over Painting

Sikalastic® Recoat Primer without Sikalastic® 700 ACL should be recoated within 12 hours once tack free.

Sikalastic® Recoat Primer with Sikalastic® 700 ACL should be recoated within 6 hours once tack free.

LIMITATIONS

- To avoid dew point conditions during application relative humidity must be no more than 95 % and substrate temperature must be at least 5 °F (3 °C) above measured dew point temperature.
- Minimum ambient and substrate temperature during application and curing of material is 40 °F (4 °C); maximum is 90 °F. Frequent monitoring of ambient and substrate temperature should always be done when applying polyurethane coatings. Note that low temperatures and low humidity will slow down the cure, and high temperatures and high humidity will accelerate it.
- Do not store materials outdoors exposed to sunlight for prolonged periods.
- Do not thin with solvents.
- Precautions should be taken to prevent odors and/or vapors from entering the building/structure, including but not limited to turning off and sealing air intake vents or other means of ingress for odors and for vapors into the building/structure during product application and cure.
- Do not apply to a porous or damp surface where moisture vapor transmission will occur during application and cure.
- Substrate must be dry prior to application. Do not apply to a frosted, wet or damp surface.
- Do not proceed if rain is eminent within 8–12 hours of application. Allow sufficient time for the substrate to dry after rain or inclement weather as there is the potential for bonding problems.
- When applying over existing coatings compatibility and adhesion testing is recommended.
- Do not subject to continuous immersion.
- Sikalastic® Recoat Primer is not UV stable and must be top coated.
- Sikalastic® Recoat Primer must be kept clean and overcoated within 12 hours, or within 6 hours if Sikalastic® ACL accelerator is used. If this overcoat window is exceeded, contact Sika for recommendations.

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.

LOCAL RESTRICTIONS

Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Safety Data Sheet which are available online at <http://usa.sika.com/> or by calling Sika's Technical Service Department at 800.933.7452 nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instructions for each Sika product for each Sika product as set forth in the current Product Data Sheet, product label and Safety Data Sheet prior to product use.

ECOLOGY, HEALTH AND SAFETY

Keep container tightly closed. Keep out of reach of children. Not for internal consumption. For industrial use only. For professional use only. For further information and advice regarding transportation, handling, storage and disposal of chemical products, users should refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety related data. Read the current actual Safety Data Sheet before using the product. In case of emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

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