



# 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. This primer is usable with Sikalastic®-700 ACL Accelerator (available in option)

### WHERE TO USE

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

### CHARACTERISTICS / ADVANTAGES

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

### PRODUCT INFORMATION

<b>CSC MasterFormat®</b>	<b>07 18 00   TRAFFIC COATINGS</b>	
<b>Packaging</b>	37.8 L (10 US gal.) kit = Comp. A - 18.9 L (5 US gal.) + Comp. B - 18.9 L (5 US gal.) 2 x 7.57 L (2 US gal.) kit = 2 Comp. A = 2 x 3.78 L (1 US gal.) + 2 Comp. B = 2 x 3.78 L (1 US gal.)	
<b>Appearance / Colour</b>	Liquid / Grey	
<b>Shelf Life</b>	1 year in original, unopened containers.	
<b>Storage Conditions</b>	Store dry at temperatures between 15 °C and 35 °C (60 °F and 95 °F). Condition material at temperatures between 18 °C and 30 °C (65 °F and 85 °F) before using.	
<b>Density</b>	<b>Part A</b> 1.22 kg/L	<b>Part B</b> 0.98 kg/L
<b>Solid content by weight</b>	97.8 %	(ASTM D2697) 23 °C (73 °F) and 40 % R.H.
<b>Solid content by volume</b>	97.7 %	(ASTM D2697) 23 °C (73 °F) and 40 % R.H.

Viscosity	(Parts A & B Combined)	500 +/- 100 cps	(23 °C (73 °F) and 40 % R.H.)
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## TECHNICAL INFORMATION

Chemical Resistance	Consult Sika Canada
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## APPLICATION INFORMATION

Consumption	7.3 m <sup>2</sup> /L (300 ft <sup>2</sup> /US gal.)
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Layer Thickness	5 +/- 1 mil (Dry Film Thickness per Coat)
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Product Temperature	<b>Sikalastic® Recoat Primer without Sikalastic® 700 ACL Accelerator</b> Minimum Application Temperature: 4 °C (40 °F), and at least 3 °C (5 °F) above the dew point
	<b>Sikalastic® Recoat Primer with Sikalastic® 700 ACL Accelerator</b> Minimum Application Temperature: 4 °C (40 °F), and at least 3 °C (5 °F) above the dew point

Pot Life	<b>Sikalastic® Recoat Primer without Sikalastic® 700 ACL Accelerator</b>	
	45 minutes	4 °C (40 °F), 50 % R.H.
	25 minutes	24 °C (75 °F), 50 % R.H.
	20 minutes	32 °C (90 °F), 50 % R.H.
	<b>Sikalastic® Recoat Primer with Sikalastic® 700 ACL Accelerator</b>	
	25 minutes	4 °C (40 °F), 50 % R.H.
15 minutes	24 °C (75 °F), 50 % R.H.	
10 minutes	32 °C (90 °F), 50 % R.H.	

Waiting Time / Overcoating	<b>Sikalastic® Recoat Primer without Sikalastic®-700 ACL Accelerator</b>	
	<b>Minimum Time to Recoat</b>	
	12 hours	4 °C (40 °F), 50 % R.H.
	3 hours	24 °C (75 °F), 50 % R.H.
	3 hours	32 °C (90 °F), 50 % R.H.
	<b>Maximum Time to Recoat</b>	
	12 hours	24 °C (75 °F), 50 % R.H.
	<b>Sikalastic® Recoat Primer with Sikalastic®-700 ACL Accelerator</b>	
	<b>Minimum Time to Recoat</b>	
	8 hours	4 °C (40 °F), 50 % R.H.
	80 minutes	24 °C (75 °F), 50 % R.H.
	40 minutes	32 °C (90 °F), 50 % R.H.
<b>Maximum Time to Recoat</b>		
6 hours	24 °C (75 °F), 50 % R.H.	

## 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.

Properties tested at 23 °C (73 °F) and 50 % R.H. unless stated otherwise.

## LIMITATIONS

- To avoid dew point conditions during application relative humidity must be no more than 95 % and substrate temperature must be at least 3 °C (5 °F) above measured dew point temperature.
- Minimum / maximum ambient and substrate temperatures: 4 °C / 32 °C (40 °F / 90 °F) during application and curing. Frequent monitoring of ambient and substrate temperature should always be

carried out 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 odours and/or vapours from entering the building/structure, including but not limited to turning off and sealing air intake vents or other means of ingress for odours and for vapours 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 (within 6 hours if Sikalastic®-700 ACL accelerator is used). If this overcoat window is exceeded, contact Sika Canada for recommendations.

## 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

### 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 Component A and Component B components using a mechanical mixer (*Jiffy*) at slow speed to obtain uniform colour, making sure to scrape the solids from the bottom and sides of the pail. Pour Component B into Component A slowly and while mixing scrape the side of the container. Mix the combined material thoroughly for typically three (3) minutes until a homogenous mixture and uniform colour are obtained.

When mixing, use care not to entrap air into the mixture. Sikalastic® Recoat Primer can be applied with or without Sikalastic®-700 ACL Accelerator as an accelerator. In the event that Sikalastic®-700 ACL Accelerator is used, add 946 mL (2 US qts) of Sikalastic®-700 ACL Accelerator into 37.8 L (10 US gal.) of mixed primer. Mix the combined material thoroughly until a homogenous mixture and uniform colour 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 L per 7.3 m<sup>2</sup> (1 US gal. per 300 ft<sup>2</sup>) at 5 mil w.f.t., using a phenolic resin core roller. Coverage rate will depend on surface roughness and porosity. Reference Typical Data section for curing and recoat guidelines.

### Over Painting

Sikalastic® Recoat Primer without Sikalastic®-700 ACL Accelerator should be recoated within 12 hours once tack-free or within 6 hours (once tack-free) if Sikalastic®-700 ACL Accelerator is used.

## CLEAN UP

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

## 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](http://www.sika.ca)

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### **Other locations**

Boisbriand (Quebec)  
Brantford; Cambridge;  
Sudbury; Toronto (Ontario)  
Edmonton (Alberta)  
Surrey (British Columbia)

### **Product Data Sheet**

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