

PRODUCT DATA SHEET

Sikalastic® Rapid Primer

Two-component polymethyl methacrylate-based (PMMA) primer

PRODUCT DESCRIPTION

Sikalastic® Rapid Primer is a flexible and rapid-curing two-component (PMMA) polymethyl methacrylate-based primer. Sikalastic® Rapid Primer is used to improve adhesion of Sikalastic Rapid resin and approved substrate.

USES

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

Used to promote adhesion of PMMA roofing components to approved substrates.

AREAS OF APPLICATION

- Cementitious roof cover boards
- Concrete
- Masonry
- Wood

CHARACTERISTICS / ADVANTAGES

- UV stable, high solids and VOC-compliant
- Rapid curing and easy application provides same-day installation

PRODUCT INFORMATION

Chemical Base	Two-component polymethyl methacrylate (PMMA) liquid		
Packaging	2.5 gallon (9.5 L) pails, 22 lbs (10 kg) per pail, 60 pails per pallet		
Color	Clear		
Shelf Life	Up to 12 months in the original unopened pail when properly stored, sealed and unmixed.		
Storage Conditions	Store in a tightly closed container in a cool, dry, ventilated area away from heat and oxidizing agent. Do not store in direct sunlight or in temperatures below 55°F (13°C) or above 80°F (27°C). Keep away from open fire, flame or any ignition source.		
Density	8.7 lb/gal (1.04 g/ml) @ 73.4°F (23°C)		(ASTM D-1475)
Volatile organic compound (VOC) content	5 g/L		
Shore Hardness	87		(ASTM D-2240)
Mixing Ratio	Temperature Range	Catalyst required (per liter of resin)	
	32°F to 50°F (0°C to 10°C)	6 tablespoons (60 g)	
	50°F to 68°F (10°C to 20°C)	4 tablespoons (40 g)	
	68°F to 95°F (20°C to 35°C)	2 tablespoons (20 g)	
Coverage	APPROXIMATE COVERAGE RATES		
	SUBSTRATE PROFILE	MINIMUM THICKNESS <i>mils (mm)</i>	COVERAGE PER 2.5 GAL PAIL <i>ft² (m²)</i>
	SMOOTH <i>(CSP 3)</i>	15 (0.38)	269 (25)
	MEDIUM <i>(CSP 4)</i>	15 (0.38)	215 (20)
	ROUGH <i>(CSP 5)</i>	15 (0.38)	134 (12.5)
	<small>All values are nominal. Coverage rates may vary depending on substrate conditions and the application technique. Wet and dry thicknesses are always equivalent.</small>		
Product Temperature	37°F to 86°F (3°C to 30°C)		
Ambient Air Temperature	32°F to 95°F (0°C to 35°C)		
Substrate Temperature	32°F to 122°F (0°C to 50°C)		
Pot Life	15 minutes @ 68°F (20°C) <small>All working and cure times are approximate and may vary upon wind, humidity and ambient/surface temperatures.</small>		
Cure Time	2 hours @ 68°F (20°C) <small>All working and cure times are approximate and may vary upon wind, humidity and ambient/surface temperatures.</small>		
Waiting / Recoat Times	30 minutes @ 68°F (20°C) <small>All working and cure times are approximate and may vary upon wind, humidity and ambient/surface temperatures.</small>		

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.

AVAILABILITY/WARRANTY

AVAILABILITY

From Sika Corporation – Sika Authorized Applicators for use within Sika membrane systems.

WARRANTY

Upon successful completion of the installation by the Sika Authorized Applicator in compliance with Sika requirements, Sika Corporation will provide a warranty to the Building Owner via the Sika Authorized Applicator.

LIMITATIONS

- Adhesion/peel tests should be performed prior to application to ensure adequate bond can be achieved.
- Recommended minimum cure and maximum re-coat times should be followed. When the primer is left exposed to the elements for longer than the recommended period or has been contaminated or damaged beyond cleaner or repair, the primer must be completely removed and re-applied.

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

Grind concrete and masonry surfaces with diamond cut wheel to remove laitance and/or contaminants. All concrete and wooden surfaces shall be clean, dry, free of dirt, dust, debris, loose particles, loose paint, rust and other contaminants.

If a gap of more than 1/4" (6.3 mm) exists between edge of horizontal membrane surface and vertical transition surface, the gap must be filled with approved sealant.

MIXING

Thoroughly stir the entire container of Liquid resin with a slow-speed (200 to 400 rpm) mechanical mixer (electric drill with a mixing blade) for two to three minutes before each use, and prior to pouring off resin into a second container if batch mixing. Only catalyze the amount of material that can be used within 10 to 15 minutes. Add pre-measured Catalyst Powder to the resin component and stir for 2 minutes. The amount of catalyst required is determined by resin weight and ambient temperature

APPLICATION

After mixing Sikalastic® Rapid Catalyst, apply Sikalastic® Rapid Primer to substrate at the required consumption using a 3/8 in nap roller or brush. The resin should be applied evenly onto the surface using care not to spread too thin or pool in low areas.

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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Sika Corporation

201 Polito Avenue
Lyndhurst, NJ 07071
Phone: +1-800-933-7452
Fax: +1-201-933-6225
usa.sika.com



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