



PRODUCT DATA SHEET

Sikagard[®]-552 Primer W

ADHESION PROMOTER, SURFACE CONDITIONER FOR CONCRETE SURFACES

PRODUCT DESCRIPTION

Sikagard[®]-552 Primer W Primer is a one component, penetrating, adhesion promoter for priming concrete and other masonry surfaces prior to the application of acrylic emulsion coatings. Sikagard[®] Primers will reduce the consumption rate of the subsequent coat by providing a uniformly absorptive surface.

USES

Primer coat for concrete and mineral substrates or those showing signs of higher than average porosity when over-coating existing coatings which are firmly bonded.

CHARACTERISTICS / ADVANTAGES

- Resistant to water vapor diffusion.
- Environmentally friendly.
- Water-based.
- Excellent wetting properties.
- Reduces consumption of subsequent coat.

PRODUCT INFORMATION

Packaging	5 gal. re-closable metal pail.
Appearance / Color	Milky-white, opaque.
Shelf Life	2 years in original, unopened container.
Storage Conditions	Store dry at 40°-75°F (4°-24°C). Condition material to 65°-75°F (18°-24°C) before using.
Solid Content	20% by volume.

APPLICATION INFORMATION

Coverage	<p>Theoretical: 320 ft²/gal.</p> <p>All coverages dependent on porosity of substrate. Allowances must be made for surface profile, unavoidable variations in applied film thickness, loss and waste. In addition, two coats may be required on very absorbent surfaces.</p>
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Ambient Air Temperature	45°-90°F (7°-32°C)		
Substrate Temperature	45°-90°F (7°-32°C)		
Waiting / Recoat Times	Uncoated masonry of concrete:	Resistant to Rain	Prior to Over-coating
	45°F (8°C)	2 hr.	12 hr.
	68°F (20°C)	30 min.	5 hr.
	86°F (30°C)	15 min.	2.5 hr.
	Previously Coated Substrates	Resistant to Rain	Prior to Over-coating
	45°F (8°C)	4 hr.	24 hr.
68°F (20°C)	4 hr.	24 hr.	
86°F (30°C)	30 min.	6 hr.	

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

All surfaces to be primed must be dry, clean, sound, and free of curing compound residues and other bond inhibiting material.

Preparation Work:

Concrete and masonry surfaces - blast clean, high pressure water blast or use other approved mechanical means to achieve a slightly open, roughened substrate.

Mixing:

Stir thoroughly using a slow speed (400-600 rpm) drill and paddle prior to application.

APPLICATION

Any areas of glass should be protected by masking.

Fill all visible hairline cracks and surface defects with appropriate Sika® repair mortar, leveling mortar or Sikagard® surface fill prior to applying primers. Sikagard® Primers can be applied by brush, roller or spray equipment. Brushing provides more even and pore free coats with better penetration. Allow a minimum of 4 hours prior to re-coating. At lower temperature, the waiting time will be prolonged.

LIMITATIONS

- When over-coating existing coatings, **compatibility and adhesion testing is essential.**
- Ensure primer is thoroughly dry before over-coating to prevent formation of bubbles and blisters, particularly in warmer weather.
- Ensure that the primer penetrates completely without forming a glaze on the surface
- Extremely absorbent substrate may require more than one coat of primer.
- Sikagard® primers should not be stored in direct sunlight for prolonged periods of time.

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

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 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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