

Sikagard® 552W Primer

Adhesion Promoter, Surface Conditioner for Concrete Surfaces

Description	Sikagard 552W 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.
Where to Use	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.
Advantages	<ul style="list-style-type: none">■ Resistant to water vapor diffusion.■ Environmentally friendly.■ Water-based.■ Excellent wetting properties.■ Reduces consumption of subsequent coat.
Coverage	Theoretical: 320 sq. ft./gal. 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.
Packaging	552W: 5 gal. re-closable metal pail.

Typical 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.

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.	
Color	Milky-white, opaque.	
Solids Content	20% by volume.	
Application Temperatures	45°-90°F (7°-32°C)	
Waiting 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.

How to Use

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 an 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	<ul style="list-style-type: none"> ■ 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.
Caution	
Warning	Avoid breathing vapors. Use only with adequate ventilation. May cause respiratory irritation and headaches.
Irritant	Skin, eye, and respiratory irritant; avoid contact. Use of safety goggles and chemical resistant gloves is recommended. Remove contaminated clothing.
First Aid	In case of eye contact, flush with water for 15 minutes, contact physician immediately. For skin contact, wash skin with soap water. For respiratory problems, remove person to fresh air. Wash clothing before re-use.
Spill Clean Up	Confine spill, ventilate closed areas, and collect with absorbent material. Dispose of in accordance with current, applicable, local, state, and federal regulations. Uncured material can be removed water. Cured material can only be removed mechanically.

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

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