



# PRODUCT DATA SHEET

## Sikagard®-62

HIGH-BUILD, PROTECTIVE, SOLVENT-FREE, COLORED EPOXY COATING

### PRODUCT DESCRIPTION

Sikagard®-62 is a High-build, protective, solvent-free, colored epoxy coating.

### USES

Sikagard®-62 may only be used by experienced professionals.

Use as a high build, corrosion-resistant, protective coating, as a protective lining for secondary containment structures or as a seamless flooring system.

### CHARACTERISTICS / ADVANTAGES

- Exceptional tensile strength.
- Good chemical resistance for long-term protection.
- Convenient A:B = 1:1 mixing ratio.
- Easy, paint-like viscosity.
- Available in 3 standard colors: gray, red, and tan.
- Excellent bonding to all common structural substrates.
- Super abrasion resistance for long-term wear.
- Sikagard® 62 gray in ANSI/NSF 61 potable water compliant
- Material is USDA certifiable.

### PRODUCT INFORMATION

Packaging	4 gal. units
Appearance / Color	Gray, red, tan.
Shelf Life	2 years in original, unopened containers.
Storage Conditions	Store dry at 40°-95°F (4°-35°C). Condition material to 65°-75°F (18°-24°C) before using.
Viscosity	<b>Mixed:</b> Approximately 3,500 cps.

### TECHNICAL INFORMATION

Abrasion Resistance	14 day	51 liters/mil.	(ASTM D-968)
	<b>Abrasion (Taber Abrader)</b>		
	Weight loss, 1,000 cycles (H-22 wheel, 1,000 gm weight)		
	7 day	0.61 gm	(ASTM D-1044)
Tensile Strength	14 day	5,400 psi (37.3 MPa)	(ASTM D-638)

<b>Elongation at Break</b>	14 day	2.7%	(ASTM D-638)
<b>Tensile Adhesion Strength</b>	Adhesion Classification 1 day	4A	(ASTM-3359)
<b>Permeability to Water Vapor</b>	<b>Water Absorption</b> (24 hour immersion) 7 day	0.1%	(ASTM D-570)

## APPLICATION INFORMATION

<b>Mixing Ratio</b>	Component 'A' : Component 'B'=1:1 by volume.
<b>Coverage</b>	Approximately 150-250 ft. <sup>2</sup> /gal. depending on condition of substrate.
<b>Pot Life</b>	Approximately 35 to 40 minutes. (60 gram mass). <b>Tack-Free Time:</b> Approximately 4 hours. <b>Open Time:</b> Light foot traffic: 5-7 hours. Rubber-wheel traffic: 8-10 hours.
<b>Cure Time</b>	<b>Immersion and Chemical Exposure:</b> Minimum cure: 3 days

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

Surface must be clean and sound. It may be dry or damp, but free of standing water. Remove dust, laitance, grease, curing compounds, impregnations, waxes and any other contaminants.

**Preparation Work:** Concrete - Should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means.

**Steel** - Should be cleaned and prepared thoroughly by blast cleaning.

### MIXING

**Pre-mix each component.** Proportion equal parts by volume of Components 'A' and 'B' into a clean mixing container. Mix with a low-speed (400-600 rpm) drill using a Sika paddle for 3 minutes, until uniform in color.

### APPLICATION

Apply coating using high-quality roller, brush or spray. Two coats are recommended. Apply second coat as soon as the first coat is tack-free and the traffic of application will not damage the first coat. The second coat, however, must be applied within 48 hours since a longer delay will require additional surface preparation. Do not spray with slip resistant granules mixed into the coating. For use as a seamless flooring system, consult Technical Service.

### LIMITATIONS

- Minimum substrate and ambient temperature for application 50°F (10°C).

- Maximum moisture content of concrete substrate by weight when measured with a Tramex CME or CMExpert type concrete moisture meter is 4%.
- Do not apply over wet, glistening surface.
- Material is a vapor barrier after cure.
- Do not apply to porous surfaces exhibiting moisture-vapor transmission during the application. Consult Technical Service.
- Minimum age of concrete prior to application is 21-28 days, depending on curing and drying conditions.
- Do not apply to exterior, on-grade substrates.
- Use oven-dried aggregate only.
- Do not thin with solvents.
- Not an aesthetic product. Color may alter due to variations in lighting and/or UV exposure.
- On 'green or 'damp' concrete, EpoCem can be used as a pore filler to reduce vapor drive and potential osmotic blistering.

## 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](http://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](http://usa.sika.com)

### Sika Mexicana S.A. de C.V.

Carretera Libre Celaya Km. 8.5  
Fracc. Industrial Balvanera  
Corregidora, Queretaro  
C.P. 76920  
Phone: 52 442 2385800  
Fax: 52 442 2250537



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