

## Sikagard® 62

High-build, protective, solvent-free,  
colored epoxy coating

<b>Description</b>	Sikagard 62 is a 2-component, 100% solids, moisture-tolerant epoxy resin. It produces a high-build, protective, dampproofing and waterproofing vapor-barrier system.
<b>Where to Use</b>	Use as a high build, corrosion-resistant, protective coating, as a protective lining for secondary containment structures or as a seamless flooring system.
<b>Advantages</b>	<ul style="list-style-type: none"><li>■ Exceptional tensile strength.</li><li>■ Good chemical resistance for long-term protection.</li><li>■ Convenient A:B = 1:1 mixing ratio.</li><li>■ Easy, paint-like viscosity.</li><li>■ Available in 3 standard colors: gray, red, and tan.</li><li>■ Excellent bonding to all common structural substrates.</li><li>■ Super abrasion resistance for long-term wear.</li><li>■ Sikagard 62 gray, after cure, is approved for contact with potable water.</li><li>■ Material is USDA certifiable.</li></ul>
<b>Coverage</b>	Approximately 150-250 sq. ft./gal. depending on condition of substrate.
<b>Packaging</b>	4 gal. units; 1 qt. units, 12/case.
<b>How to Use</b>	
<b>Surface Preparation</b>	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. <b>Preparation Work: Concrete</b> - Should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blastcleaning or equivalent mechanical means. <b>Steel</b> - Should be cleaned and prepared thoroughly by blastcleaning.
<b>Mixing</b>	<b>Pre-mix each component.</b> 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.
<b>Application</b>	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

### Typical Data (Material and curing conditions @ 73°F (23°C) and 50% R.H.)

RESULTS MAY DIFFER BASED UPON STATISTICAL VARIATIONS DEPENDING UPON MIXING METHODS AND EQUIPMENT, TEMPERATURE, APPLICATION METHODS, TEST METHODS, ACTUAL SITE CONDITIONS AND CURING CONDITIONS.

<b>Shelf Life</b>	2 years in original, unopened containers.	
<b>Storage Conditions</b>	Store dry at 40°-95°F (4°-35°C). <b>Condition material to 65°-75°F (18°-24°C) before using.</b>	
<b>Color</b>	Gray, red, tan.	
<b>Mixing Ratio</b>	Component 'A' : Component 'B'=1:1 by volume.	
<b>Viscosity (Mixed)</b>	Approximately 3,500 cps.	
<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>Immersion and Chemical Exposure</b>	Minimum cure: 3 days	
<b>Tensile Properties (ASTM D-638)</b>		
<b>14 day</b>	Tensile Strength	5,400 psi (37.3 MPa)
	Elongation at Break	2.7 %
<b>Abrasion (ASTM D-1044) (Taber Abrader)</b>		
<b>7 day</b>	Weight loss, 1,000 cycles (H-22 wheel, 1,000 gm weight)	0.61 gm
<b>Abrasion Resistance (ASTM D-968)</b>		
<b>14 day</b>	Abrasion Coefficient	51 liters/mil.
<b>Adhesion (ASTM D-3359)</b>		
<b>1 day</b>	Adhesion Classification	4A
<b>Water Absorption (ASTM D-570)</b>		
<b>7 day</b>	(24 hour immersion)	0.1%

Construction



Sika®

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.**

<b>Limitations</b>	<ul style="list-style-type: none"> <li>■ Minimum substrate and ambient temperature for application 50°F (10°C).</li> <li>■ Do not apply over wet, glistening surface.</li> <li>■ Material is a vapor barrier after cure.</li> <li>■ Do not apply to porous surfaces exhibiting moisture-vapor transmission during the application. Consult Technical Service.</li> <li>■ Minimum age of concrete prior to application is 21-28 days, depending on curing and drying conditions.</li> <li>■ Do not apply to exterior, on-grade substrates.</li> <li>■ Use oven-dried aggregate only.</li> <li>■ Do not thin with solvents.</li> <li>■ Not an aesthetic product. Color may alter due to variations in lighting and/or UV exposure.</li> <li>■ On 'green or 'damp' concrete, EpoCem can be used as a pore filler to reduce vapor drive and potential osmotic blistering.</li> </ul>
<b>Caution</b>	<p><b>Component 'A' - Irritant; Sensitizer</b> - Contains epoxy resin. Can cause sensitization after prolonged or repeated contact. Skin and eye irritant. Vapors may cause respiratory irritation. Use only with adequate ventilation. Use of safety goggles and chemical resistant gloves is recommended. In case of high vapor concentrations, use an appropriate NIOSH approved respirator. Remove contaminated clothing.</p> <p><b>Component 'B' - Sensitizer</b> - Contains amines. Contact with eyes or skin may cause severe burns. Can cause sensitization after prolonged or repeated contact. Skin and eye irritant. Vapors may cause respiratory irritation. Use only with adequate ventilation. Use of safety goggles and chemical resistant gloves is recommended. In case of high vapor concentrations, use an appropriate NIOSH approved respirator. Remove contaminated clothing.</p>
<b>First Aid</b>	<p><b>Eyes:</b> Hold eyelids apart and flush thoroughly with water for 15 minutes. <b>Skin:</b> Remove contaminated clothing. Wash skin thoroughly for 15 minutes with soap and water. <b>Inhalation:</b> Remove person to fresh air. <b>Ingestion:</b> Do not induce vomiting. <b>In all cases, contact a physician immediately if symptoms persist.</b></p>
<b>Clean Up</b>	Ventilate area. Confine spill. Collect with absorbent material. Dispose of in accordance with current, applicable local, state and federal regulations. Uncured material can be removed with approved solvent. Cured material can only be removed mechanically.

**Chemical Resistance**

Specimen: Two Coats - 10 mils Total  
Cured 10 days  
Substrate: asbestos cement

Chemical	Test Temp.	Storage Time and Evaluation				
		1 Day	1 Month	2 Months	6 Months	12 Months
Water	75°F (24°C)	A	A	A	A	A
	100°F (38°C)	A	A	A	A	A
	140°F (60°C)	A	A	A	A, D	A, D
Sodium Chloride Solution (Saturated)	75°F (24°F)	A	A	A	A	A
	100°F (38°C)	A	A	A	A	A
Sodium Hydroxide 30%	75°F (24°C)	A	A	A	A	A
Cement Water (Saturated)	75°F (24°C)	A	A	A	A	A
Detergent Solution (5% Ajax)	75°F (24°C)	A	A	A	A	A
	140°F (60°C)	A	A	A	A, D	A, D
Hydrochloric Acid 10%	75°F (24°C)	A	A	A	A	A
Sulfuric Acid 10%	75°F (24°C)	A	A	A	B	B
Oxalic Acid 10%	75°F (24°C)	A	A, D	A, D	A, D	A, D
Citric Acid 10%	75°F (24°C)	A	A, D	A, D	A, D	A, D
Fuel Oil (Home Heating)	75°F (24°C)	A	A	A	A	A, D
Gasoline (Unleaded)	75°F (24°C)	A	A	A	A	A, D
Iso-Octane	75°F (24°C)	A	A	A	A	A, D
Toluol	75°F (24°C)	A	A	A	A	A, D
Silage	75°F (24°C)	A	A	A, D	A, D	B, D
Synthetic Silage	75°F (24°C)	A	A	B, D	B, D	B, D
Ethyl Alcohol	75°F (24°C)	A	C	-	-	-

A: Resistant in permanent contact  
B: Temporary resistance  
C: Destroyed  
D: Discolored

**KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • FOR INDUSTRIAL USE ONLY**  
All information provided by Sika Corporation ("Sika") concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika's control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s). Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at [www.sikausa.com](http://www.sikausa.com) or by calling 800-933-7452.

**Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Technical Data Sheet, product label and Material Safety Data Sheet which are available online at [www.sikausa.com](http://www.sikausa.com) or by calling Sika's Technical Service Department at 800-933-7452. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Technical Data Sheet, product label and Material Safety Data Sheet prior to product use.**

**LIMITED WARRANTY:** Sika warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Technical Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKASHALL NOT BELIEVABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKASHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Visit our website at [www.sikausa.com](http://www.sikausa.com)

1-800-933-SIKA NATIONWIDE

**Regional Information and Sales Centers.** For the location of your nearest Sika sales office, contact your regional center.

**Sika Corporation**  
201 Polito Avenue  
Lyndhurst, NJ 07071  
Phone: 800-933-7452  
Fax: 201-933-6225

**Sika Canada Inc.**  
601 Delmar Avenue  
Pointe Claire  
Quebec H9R 4A9  
Phone: 514-697-2610  
Fax: 514-694-2792

**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



Sika and Sikagard are registered trademarks. Printed in Canada.

