



# Sikagard® 62

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

### DESCRIPTION

Sikagard 62 is a 2-component, 100% solids, moisture-tolerant epoxy resin. It produces a high-build, protective, dampproofing, and waterproofing vapor-barrier system.

### WHERE TO USE

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

### 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. Special color matches available upon request.
- ▲ Excellent bonding to all common structural substrates.
- ▲ Super abrasion resistance for long-term wear.
- ▲ Sikagard 62, gray, after cure, is approved for contact with potable water.

### COVERAGE

Approximately 150-250 sq.ft./gal. depending on condition of substrate.

### PACKAGING

4-gal. units; 1-qt. units, 12/case.

## HOW TO USE

### SURFACE 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 blastcleaning 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.

TYPICAL DATA FOR SIKAGARD 62 (Material and curing conditions @ 73F (23C) and 50% R.H.)		
<b>SHELF LIFE</b>	2 years in original, unopened containers.	
<b>STORAGE CONDITIONS</b>	Store dry at 40 - 95 F (4-35C). <b>Condition material to 65 - 75 F (18-24C) before using.</b>	
<b>COLOR</b>	Gray, red, tan.	
<b>MIXING RATIO</b>	Component 'A' : Component 'B'=1:1 by volume.	
<b>VISCOSITY</b>	Approximately 2,700 cps.	
<b>POT LIFE</b>	Approximately 35 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 days</b>	Tensile Strength	6,400 psi (44.1 MPa)
	Elongation at Break	2.7 %
<b>ABRASION (TABER ABRADER)</b>		
<b>7 days</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 days</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 days</b>	Total Water Absorption (2-hour boil)	0.9%

The second coat, however, **must** be applied within 48 hours since a longer delay will require additional surface preparation. **Do not spray with Sikagard 62 granules in the coating.**

### LIMITATIONS

- ▲ Minimum substrate and ambient temperature for application 50F (10C).
- ▲ 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.
- ▲ Color may alter due to variations in light-

ing 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.

## CAUTION

**Component 'A' - Irritant; Sensitizer** - 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/MSHA approved respirator. Remove contaminated clothing. HMIS Hazard Rating: H-2, F-0, R-0, PPE-C.

**Component 'B' - Sensitizer** - Contains amines. Contact with eyes or skin may cause severe burns. Can cause sensitiza-

tion 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/MSHA approved respirator. Remove contaminated clothing. HMIS Hazard Rating: H-3, F-0, R-0, PPE-C.

**FIRST AID**

In case of skin contact, wash immediately and thoroughly with soap and water. For eye contact, flush immediately with plenty of water for at least 15 minutes; contact physician immediately. For respiratory problems, remove person to fresh air. Wash clothing before re-use.

**CLEAN UP**

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.

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

**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 (24C)	A	A	A	A	A
	100 F (38C)	A	A	A	A	A
	140 F (60C)	A	A	A	A,D	A,D
Sodium Chloride Solution (Saturated)	75 F (24C)	A	A	A	A	A
	100 F (38C)	A	A	A	A	A
Sodium Hydroxide 30%	75 F (24C)	A	A	A	A	A
Cement Water (Saturated)	75 F (24C)	A	A	A	A	A
Detergent Solution (5% Ajax)	75 F (24C)	A	A	A	A	A
	140 F (60C)	A	A	A	A,D	A,D
Hydrochloric Acid 10%	75 F (24C)	A	A	A	A	A
Sulfuric Acid 10%	75 F (24C)	A	A	A	B	B
Oxalic Acid 10%	75 F (24C)	A	A,D	A,D	A,D	A,D
Citric Acid 10%	75 F (24C)	A	A,D	A,D	A,D	A,D
Fuel Oil (Home Heating)	75 F (24C)	A	A	A	A	A,D
Gasoline (Unleaded)	75 F (24C)	A	A	A	A	A,D
Iso-Octane	75 F (24C)	A	A	A	A	A,D
Toluol	75 F (24C)	A	A	A	A	A,D
Silage	75 F (24C)	A	A	A,D	A,D	B,D
Synthetic Silage	75 F (24C)	A	A	B,D	B,D	B,D
Ethyl Alcohol	75 F (24C)	A	C	-	-	-

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**KEEP CONTAINER TIGHTLY CLOSED  
NOT FOR INTERNAL CONSUMPTION**

**KEEP OUT OF REACH OF CHILDREN  
FOR INDUSTRIAL USE ONLY**

**CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION**

Sika warrants its products to be free from manufacturing defects and to meet Sika's current published properties when applied in accordance with Sika directions and tested in accordance with ASTM and Sika Standards. User determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product and excludes labor or the cost of labor. Any claim for breach of this warranty must be brought within one year of the date of purchase.

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