

## PRODUCT DATA SHEET

# SikaWall®-4910 Clear Seal

Acrylic Clear Sealer

### PRODUCT DESCRIPTION

A 100% acrylic sealer, applied to seal, protect, and enhance the aesthetic appearance of acrylic textured finish.

### USES

SikaWall Clear Seal is designed to be used on any Sika Facades standard textured acrylic finishes, Sika Facades Wood Grain Effect finish, and SikaWall-4080 Color Advance coating.

### CHARACTERISTICS / ADVANTAGES

- Water-based
- Matte gloss
- Vapor permeable
- Provides color enhancement and seals
- UV resistant and enhances color of faded texture acrylic surfaces
- Resists wind-driven rain
- Resists dirt pickup

### TECHNICAL INFORMATION

Tensile Adhesion Strength	METHOD	Report Value	RESULT
	ASTM D4541	Minimum 15 psi	50 psi to Acceptable Substrates
Permeability to Water Vapor	ASTM E96 Method B	Minimum 10 perms	14 Perms
Resistance to wind-driven rain	ASTM D6904	98 mph Wind Driven Rain	Pass

### PRODUCT INFORMATION

Packaging	5-gallon pail (19-liters) - 40 lbs (18.1 kg) 2-gallon pail (7.6-liters) - 16 lbs (17.2 kg)
Shelf Life	Two (2) years, when properly stored in original container.
Storage Conditions	<ul style="list-style-type: none"> <li>▪ Store in unopened container in a cool, clean, dry area at temperatures between 40° and 85 °F (4° and 29 °C).</li> <li>▪ Keep containers tightly sealed after opening to maintain shelf life freshness.</li> </ul>

<b>Appearance / Color</b>	Milky white, dries clear.		
<b>Solid content by volume</b>	ASTM D5201	Report Value	27%
<b>Volatile organic compound (VOC) content</b>	ASTM D3960 (based in part on EPA Method 24)	Report Value	<100 g/L less water and exempt solvent

## APPLICATION INFORMATION

<b>Coverage</b>	250-400 ft <sup>2</sup> /gallon (6-9.8 m <sup>2</sup> /L) depending on application and surface. <small>Coverage rates vary depending on finish texture and application techniques.</small>		
<b>Ambient Air Temperature</b>	<ul style="list-style-type: none"> <li>Apply only when air and surface temperature is between 50°F and 90°F (10°C and 32°C).</li> <li>Do not apply if surface or ambient temperature is expected to fall below 45 °F (7 °C) within 24 hours after application.</li> </ul>		
<b>Open Time</b>	30 minutes - depending on temperature and humidity		
<b>Drying Time</b>	<p>Under average conditions of 70 °F (21 °C) and 50% Relative Humidity</p> <ul style="list-style-type: none"> <li>Sealer will typically be dry within 3 hours.</li> <li>Drying time is dependent on humidity, air temperature, sun exposure, surface conditions and film thickness. Lower temperature, higher humidity and application in shaded areas will extend drying time.</li> <li>Protect sealer from rain, roof run-off, condensation or other precipitation and temperatures less than 45°F (7°C) for a minimum of 24 hours and until dry.</li> </ul>		

## 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.

### MIXING

Prior to use, mix product with a gentle stirring action using low speed drill. Do not over mix as this will create excessive air.

- Additives are not permitted
- Keep container closed when not in use.
- Avoid introduction of any dried product during stirring.
- Clean tools with soap and water immediately after use.

### PRODUCT CONSIDERATIONS AND SURFACE PREPARATION

- Minimum application temperature is 50°F (10°C) and rising to maximum of 90°F (32°C).
- The sealer goes on milky white and dries clear.
- Ensure that windows and surrounding areas are masked to prevent contact with SikaWall Clear Seal. If contact occurs on windows, remove immediately with a damp cloth before the sealer dries.
- A small 4 x 4 ft (1.2 by 1.2 m) test application should be done to assure proper coverage rate and desired aesthetic appearance.
- Recoat is recommended every three years if needed to enhance gloss level.
- Excessive build-up of sealer will cause sagging, drips and opaque color on drying.

## APPLICATION

### Spray Application

Airless sprayer equipment recommendation:

- 1 GPM or 0.54 GPM airless sprayer.
  - Tip size: .15 - .17
  - Pump pressure and tip size per spray applicator preference
  - Refer to manufacturer's instructions and tip offering.
- Use an airless sprayer, low pressure industrial or garden type sprayer. Start at the top of the wall surface. Apply sealer across the wood grain panel or finish in a continuous pattern, without breaks. Maintain a wet edge until a logical break point is reached. Ensure application is uniform without excessive build-up or drips on the surface or in reveals, shapes, etc. Remove excess sealer with a brush, roller or cloth. Allow to dry a minimum of 24 hours, protecting the surface from rain, roof run-off and condensation.

### Roller Application

Use a high quality short nap 1/4" or foam roller. Start at the top of the wall surface. Apply SikaWall® Clear Seal across the wood grain panel or acrylic finish in a continuous pattern, without breaks, maintaining a wet edge until a logical break is reached. Ensure application is uniform without runs or excessive buildup in reveals, special shapes, etc. Remove excess sealer with a brush, roller or cloth. Allow to dry a minimum of 24 hours, protecting the surface from rain, roof run-off and

condensation.

Note: If second coat is required, allow 2 to 3 hours for first coat to dry at ambient conditions of 73°F (23 °C) and 50% relative humidity. Lower surface, air temperatures and/or high relative humidity will extend this time.

#### LIMITATIONS

1. Do not apply product to frozen surfaces.
2. Do not apply to damp or wet surfaces.
3. Do not apply over moving cracks.
4. Not for application over elastomeric or Sika

Facades hydrophobic products.

Consult Sika Facades Technical Services Department at +1 (800) 589-1336 for specific recommendations concerning all other applications.

## 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)



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