

PRODUCT DATA SHEET

SikaWall®-4110 Premium Elastomeric Coating

100% Acrylic Based, Smooth Siliconized, Elastomeric Coating

PRODUCT DESCRIPTION

Factory-mixed, 100% acrylic based, siliconized smooth elastomeric coating that provides enhanced weatherability, flexibility and increased resistance to mildew growth.

USES

Intended for use as a coating on exterior wall surfaces such as concrete, stucco, unit masonry, or compatible cementitious, acrylic and elastomeric textured finish.

CHARACTERISTICS / ADVANTAGES

- Silicone enhanced; increases both water repellency and resistance to mold and mildew
- Over 300% elongation; bridges cracks and enhances performance
- Low temperature flexibility; enhances crack resistance
- Weatherproof coating; protects against wind-driven rain
- Durable; extends the life of the building
- Breathable; resists blistering and peeling
- 99.8% opacity at 6 wet mils per ASTM D2805

TECHNICAL INFORMATION

Tensile Strength	METHOD ASTM D2370	Report Value Report Value	RESULT 40 psi (0.28 Mpa)
Behavior after Artificial Weathering	Accelerated Weathering ASTM G155	4000 Hours	Pass
Natural Weathering	Dirt Pickup Resistance ASTM D3719	2 months	Pass - Dc = 93 (100 = Best Performance)
Microbiological Resistance	Algae Resistance ASTM D5589	3 Week Exposure	No growth
Permeability to Water Vapor	ASTM D1653	Report Value	13 perms (12 mils DFT)
Salt spray resistance	ASTM B117	300 Hours	Pass

Low Temperature Bend	ASTM D522	Mandrel Bend at -30°F (-34°C)	Pass 1/8" (3.2mm) mandrel, no cracking
Elongation at break	ASTM D2370	Report Value	784%
Resistance to wind-driven rain	TT-C-555B	98 mph	Pass

PRODUCT INFORMATION

Packaging	5-gallon pail (19-liters)		
Shelf Life	Two (2) years, when properly stored in original container.		
Storage Conditions	<ul style="list-style-type: none"> Store in a cool, dry place protected from freezing, extreme heat and direct sun. Store at no less than 40°F (4.5°C). Do not stack pallets. 		
Color	Available in a wide variety of standard and custom colors.		
Density	METHOD ASTM D1475	CRITERIA Report Value	RESULT 10.6 lbs/gal (1.27 kg/L)
Viscosity	ASTM D412	Report Value	131 KU
Volatile organic compound (VOC) content	ASTM D3960 (based in part on EPA Method 24)	Report Value	<100 g/L (0.834 lbs/gal) less water and exempt solvents
Coverage	First Coat: 400-500 ft ² (37-46.5 m ²) per pail Second Coat: 500-600 ft ² (46.5-55.8 m ²) per pail Coverage may vary depending on the texture, porosity and color of the existing substrate. Two coats are recommended to obtain the maximum elastomeric properties and for substrates with a moderate texture.		
Ambient Air Temperature	<ul style="list-style-type: none"> When temperatures less than 40°F (4.5°C) prevail, provide supplementary heat during installation and drying period for at least 24 hours after installation and until dry. Do not apply in ambient temperature above 100°F (38°C) or surface temperature above 120°F (49°C). 		
Substrates	<ul style="list-style-type: none"> Concrete Stucco Unit Masonry Acrylic and Elastomeric Textured Finish Cementitious Finish 		
Drying Time	Under average conditions of 70 °F (21 °C) and 50% Relative Humidity <ul style="list-style-type: none"> Coating will typically be dry in 24 hours. Drying time is dependent on humidity, air temperature, sun exposure, surface conditions and coating thickness. Lower temperature, higher humidity and application in shaded areas will extend drying time. Protect coating from rain or other precipitation and temperatures less than 40°F (4.5°C) for a minimum of 24 hours and until dry. 		

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

Mix the contents of the coating pail with a low speed drill and paddle mixer until thoroughly blended. A small amount of clean, potable water may be added

- to adjust workability, but is generally unnecessary since a thick consistency is desired.
- Additives are not permitted.
 - Close container when not in use.
 - Clean tools with soap and water immediately after use.

SURFACE PREPARATION

Substrates must be clean, dry, sound and free of loose material, releasing agents, paint, efflorescence, contaminants and other coatings. Cracks or voids must be filled with Sika Thorocoat®-748 or appropriate, compatible material to provide a solid substrate prior to application of SikaWall Premium Elastomeric Coating. Ensure patching material is dry prior to application of coating. If SikaWall-15 Tinted Primer or SikaWall-10 Stucco Prime is used, ensure primer is dry to the touch prior to the application of coating.

- **Concrete:** Allow concrete to cure a minimum of 28 days prior to application of primer or coating. Remove all projections and form lines.
- **Unit Masonry:** Allow to cure prior to application of primer or coating. When needed, apply a leveling coat of Sika Facades base coat to provide a smooth surface and minimize the likelihood of mortar joint read through.
- **Stucco:** allow to cure a minimum of 6 days prior to application of primer or coating.

APPLICATION

Note: Two coats are recommended to obtain the maximum elastomeric properties and for substrates with a moderate texture.

Apply coating with a brush, 1" (25 mm) nap roller, or spray. Maintain a wet edge at all times during application. Work coating to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area. When rolled, ensure roller is completely saturated and keep it loaded, do not roll dry. Allow first coat to dry, before applying a second coat.

LIMITATIONS

1. Do not use on interior applications, undersides of balconies, below-grade applications, or for immersion service or where there may be hydrostatic water transfer from the backside of the substrate or improperly sealed substrates that are subject to rising dampness or migrating moisture.
2. Color formulas containing organic colorants are susceptible to fading in exterior applications.
3. Do not apply materials to frozen surfaces.
4. Efflorescence of Portland cement based substrates such as concrete, masonry units and stucco may cause staining or discoloration on the surface of applied coating. Efflorescence is neither caused nor prevented by SikaWall Premium Elastomeric Coating.

5. Samples of SikaWall Premium Elastomeric Coating are available for color approval only. Samples for job approval must be made in the field by the applicator and approved prior to ordering. A jobsite mock-up is recommended to qualify color and workmanship.

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 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.

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 Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD**

Product Data Sheet

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BY OTHERS.

Sale of Sika products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.

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