

PRODUCT DATA SHEET

PAREX® AquaSol™ Coating

Hydrophobic Acrylic Coating

PRODUCT DESCRIPTION

PAREX® AquaSol™ Coating is a 100% Acrylic-based nontextured hydrophobic coating; water and dirt repelling finish. It offers long-term durability and resistance to mold.

USES

A protective and decorative exterior coating over concrete, masonry, stucco, or acrylic-based textured finishes. Compatible with Parex finishes, and may be applied over 100% acrylic finishes. PAREX® AquaSol™ Coating promotes color uniformity of repaired and modified surfaces. It can be used for coloring architectural details and graphics on any of the Sika Facades Finishes and for recoating existing EIFS or stucco surfaces.

CHARACTERISTICS / ADVANTAGES

- 100% modified acrylic formulation provides long-term durability and weather resistance.
- Vapor permeable to permit water vapor to escape.
- Hydrophobic properties of coating repel water and dirt for long-lasting appearance.
- Dirt-resistant nature of coating helps reduce exterior maintenance costs.

PRODUCT INFORMATION

Packaging	5-gallon pail (19-liters) - 55 lbs (25 kg)
Color	Available in a wide variety of standard and custom colors.
Shelf Life	Two (2) years, when properly stored in original container.
Storage Conditions	▪ 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.

TECHNICAL INFORMATION

Flexural Strength	METHOD Flexibility ASTM D522	CRITERIA Report Value-7 mils wet Application	RESULT No cracking 1/2" mandrel at 40°F and 70°F
	Tensile Adhesion Strength ASTM D7234	Report Value	500 psi @ 28 days (concrete)
Resistance to Weathering	Dirt Pickup Resistance Miami Dade County TAS 143-95 section 7.8 (modified)	Report % Reflectance	>90% reflectance retained
	Dirt Collection ASTM D3719	61 days at 45° South Exposure; report dirt collection index (Dc)	Dc Index = 98.0 (100 = Best Performance)
	Accelerated Weathering ASTM G155	2000 hours, No Deleterious Effects	Pass
Microbiological Resistance	ASTM D5590	30 day Exposure	Pass - No fungal growth
Water Vapor Transmission	ASTM E96 (Wet Cup)	Report Value	25 Perms
Resistance to wind-driven rain	ASTM D6904	98 mph Wind Driven Rain	Pass, no water penetration 1 coat with SikaWall-15 Tinted Primer 2 coats without primer

APPLICATION INFORMATION

Coverage	900-1,400 ft ² at 5-8 wet mils (single coat) Some applications may require two coats. Coverage may vary depending on the texture, porosity and color of the existing substrate.
Substrates	- EIFS - Stucco - Acrylic, Hydrophobic and Cementitious Textured Finish - Unit Masonry - Concrete - Existing Coatings
Drying Time	Under average conditions of 70 °F (21 °C) and 50% Relative Humidity - Typically dry to touch within 2 to 4 hrs. - To recoat, allow minimum of 6 hours drying time per coat Lower surface or air temperatures and higher relative humidity will extend the 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

temperature, application methods, test methods, actual site conditions and curing conditions.

Results may differ based upon statistical variations depending upon mixing methods and equipment,

LIMITATIONS

1. For use on vertical exterior applications only
2. Not for use in below-grade applications
3. Color formulas containing organic colorants are more prone to fading in exterior applications.
4. Do not apply materials to frozen surfaces.
5. 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 PAREX® AquaSol™ Coating.
6. Do not exceed 8 mils wet film thickness per coat.
7. Do not thin the material.
8. Samples of PAREX® AquaSol™ Coating are available for color approval. Samples for job approval must be made in the field by the applicator and approved prior to ordering. Apply a 4 ft x 4 ft (1.2 m x 1.2 m) test area to verify acceptable color and adhesion before proceeding with any project. Sika is not responsible for applied material that is the incorrect color.
9. Consult Sika Facades Technical Services Department at (800) 226-2424 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.

APPLICATION INSTRUCTIONS

SUBSTRATE 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 PAREX® AquaSol™ Coating. Ensure patching material is dry prior to application of coating. If SikaWall-15 Tinted Primer is used, ensure primer is dry to the touch prior to application of coating.

Note: Apply a 4' x 4' (1.2 m x 1.2 m) test area to verify acceptable color and adhesion before proceeding with any project. Adhesion shall be measured by ASTM Test Method D 3359 Procedure A, with a value of 4A or greater.

- **Weathered PAREX® AquaSol™ Coating:** recoated with PAREX® AquaSol™ Coating or acrylic coatings after cleaning the surface with a household detergent and rinsing with water. Surface must be thoroughly rinsed with clean water to remove all traces of detergent.

Check surface for any signs of beading, if present repeat cleaning process until gone.

- Allow surface to dry completely before recoating. Recoat within 48 hours, weather permitting.
- **Existing Coatings and Finishes:** Check adhesion of old coatings according to ASTM D 3359, Measuring Adhesion by Tape Test Method A. Remove any blisters or delaminated areas and sand edges to smooth rough areas and provide transition to old paint areas. If needed, apply SikaWall-15 Tinted Primer. Do not apply over existing siliconized coatings.
- **Unit Masonry:** Allow to cure prior to application of primer or coating. When needed, apply a levelling coat of Sika Facades base coat to provide a smooth surface and minimize the likelihood of mortar joint read through.
- **Concrete Surfaces:** New concrete and masonry must be clean and cured a minimum of 28 days. Check concrete surfaces for alkalinity and treat if necessary. Remove any form-release agents or bond breakers prior to applying the coating.
- **Stucco (New):** Allow to cure a minimum of 7 days prior to application of primer or coating.

MIXING

Mix the contents of the coating pail with a low speed drill and paddle mixer until thoroughly blended.

- Additives are not permitted.
- Close container when not in use.
- Clean tools with soap and water immediately after use.

APPLICATION

One coat application: First apply SikaWall-15 Tinted Primer per product bulletin instructions then apply one coat of PAREX® AquaSol™ Coating.

Two coat application: Allow the first coat to dry prior to application of the second coat.

- Maintain proper uniform wet-film thickness during application to ensure the performance characteristics desired.
- Care should be taken when applying it to heavily textured substrates. Fluted masonry and raked joint substrates will require hand detailing to ensure an even and successful application.
- For uniformity of color and texture, application techniques must be consistent throughout the project.
- Confirm sealant adhesion prior to application of sealant primer and sealant to PAREX® AquaSol™ Coating.

Roller

Apply coating with a 3/8"-1/2" (10-13 mm) nap roller. Completely saturate the roller and keep it loaded with the coating to build the required mil thickness, never dry roll. Cross roll, maintaining a wet edge, to achieve uniform thickness. Backroll in one direction for a consistent appearance.

Spray

Airless spray equipment is available for spraying PAREX® AquaSol™ Coating. Reference Sika Facades Coatings Spray Equipment Recommendations Technical Bulletin or contact equipment manufacturer for further recommendations. Backrolling in one direction after spray application is recommended to achieve uniform texture and film thickness.

Brush

Application by brush is recommended only for small inaccessible areas, e.g., on touch-ups. Use only a nylon brush.

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.

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Product Data Sheet

PAREX® AquaSol™ Coating
June 2025, Version 01.01
021830400200000018

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PAREXAquaSolCoating-en-US-(06-2025)-1-1.pdf

