

PRODUCT DATA SHEET

PAREX® Aquasol™ Enhanced Acrylic Finish

Premium Hydrophobic Textttured Acrylic Finish

PRODUCT DESCRIPTION

PAREX® Aquasol™ Enhanced Acrylic Finish is a line of modified acrylic textured finishes designed to provide enhanced water repellency and resistance to environmental soiling. These finishes have hydrophobic characteristics helping to reduce water absorption and accumulation of dirt and debris, and increased resistance to mold and mildew. When rainwater contacts the surface, it may bead and assist in removing dirt, soil and debris. The finish is designed to resist staining and surface dirt, which can contribute to reduced maintenance frequency and sustained aesthetic appearance over time.

USES

PAREX® Aquasol™ Enhanced Acrylic Finish finishes enhance the protection of buildings for an aesthetically pleasing surface color and texture for Sika Wall Systems, poured concrete or unit masonry, conventional stucco and properly prepared insulating concrete forms.

CHARACTERISTICS / ADVANTAGES

- Water repellency improves ease of cleaning
- Enhanced mold and mildew resistance.
- Resists dirt pick up and soiling.
- UV resistant, resists fading.
- Modified acrylic polymer-based chemistry, providing long-term durability and weather resistance.
- Vapor permeable.
- Water-based and low VOC making it safer for workers and the environment.
- Factory mixed; ready to use, no additives needed.

PRODUCT INFORMATION

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Packaging	65 lb (29.5 kg) net weight pails.
Color	Available in a wide variety of standard and custom colors.
Shelf Life	Two (2) year 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).
Grain size distribution	Sand Smooth Sand Fine Sand Coarse Swirl Fine
Volatile organic compound (VOC) content	<50 g/l less water and exempt solvents.

TECHNICAL INFORMATION

Abrasion Resistance	TEST	METHOD	CRITERIA	RESULT
	Abrasion Resistance	ASTM D968	No Cracking or loss of film integrity at 528 qt. (500L) of sand	Finish not worn through after 686 liters of falling sand
	Dirt Pickup Resistance	Miami Dade County TAS 143-95 section 7.8 (modified)	Report % reflectance	Greater than 90% reflectance retained after dirt exposure
	Dirt Collection	ASTM D3719	61 days at 45° South exposure; report dirt collection index (Dc)	Dc Index = 99.0 (100 = Best Performance)
Tensile Strength	Tensile Bond	ASTM C297, E2134	15 psi minimum	> 15 psi
Resistance to Weathering	Accelerated Weathering	ASTM G 155	No deleterious effects after 2000 hours.	Pass
	Water Resistance of Coating in 100% R.H.	ASTM D 2247	No deleterious effects after 14 days exposure	Pass
	Salt Fog Resistance	ASTM B117	No deleterious effects after 300 hours	Pass
Reaction to Fire	Surface Burning Characteristics	ASTM E 84	Report Value	Flame Spread < 25 Smoke Development < 450 (Class A)

APPLICATION INFORMATION

Coverage	Sand Smooth: - 400 ft ² (37 m ²) ▪ <i>Skip Trowel</i> - 170 ft ² (15.8 m ²) Sand Fine: 160 ft ² (14.9 m ²)
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Sand Coarse: 130 ft² (12 m²)

Swirl Fine: 130 ft² (12 m²)

* Coverage rates vary depending on porosity of substrates and application techniques.

Substrates

- EIFS
- Stucco
- Acrylic, Hydrophobic and Cementitious Textured Finish
- Unit Masonry
- Concrete

Drying Time

Under average conditions [70°F (21°C), 50% Relative Humidity] finish will be dry within 24 hours. Drying time is dependent on humidity, air temperature, sun exposure, surface conditions and finish thickness. Lower temperature, higher humidity and application in shaded areas will extend drying time. Protect finish from rain or other precipitation and temperatures less than 40°F (4°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.

USES

1. Appearance of finish might vary if floated by different mechanics.
2. Protect from rain and from temperatures less than 40°F (4°C) for a minimum of 24 hours and until dry.
3. Not for use on damp surfaces, belowgrade applications or on surfaces subject to water immersion.
4. When temperatures are less than 40°F (4°C), 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).
5. Do not apply materials to frozen surfaces.
6. Efflorescence of Portland cementbased substrates such as concrete, masonry units and stucco may cause staining or discoloration on the surface of applied finish. Efflorescence is neither caused nor prevented by Parex finish.
7. The use of dark colors with light reflective values (LRV) less than 20% is not recommended with EIFS that incorporate expanded polystyrene (EPS). EPS has a sustained service temperature limitation of approximately 165°F (74°C).
8. Samples of PAREX® Aquasol™ Enhanced Acrylic Finish are available for color approval only. Samples for job approval must be made in the field by the applicator and approved prior to ordering.
9. Sufficient finish should be ordered to complete the entire project with one production run to alleviate potential batch color variations of the natural aggregate.
10. For additional technical guidance, contact Technical Services at (800) 226-2424

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.

SUBSTRATE PREPARATION

Substrates must be clean, dry, sound and free of loose material, releasing agents, paint, efflorescence, contaminants and other coatings.

Use of SikaWall-15 Tinted Primer or SikaWall-10 Stucco Prime can improve color uniformity by minimizing substrate read-through in light colors, not used for adhesion assistance.

- Concrete: allow to cure a minimum of 28 days prior to application of Parex primer or finish.
- Unit Masonry: allow to cure prior to application of Parex primer or finish permitted.
- Stucco: allow to cure a minimum of 6 days prior to application of Parex primer or finish.

MIXING

Thoroughly mix the factory prepared finish with a paddle and low speed drill to a uniform workable consistency. A thick consistency is desired; however, a small amount of clean potable water may be added to adjust workability. Do not exceed 10 oz. of water per 5-gallon pail.

- Additives are not permitted.
- Close container when not in use.
- Clean tools with soap and water immediately after use. Dried material can only be removed mechanically.

APPLICATION

1. Apply PAREX® Aquasol™ Enhanced Acrylic Finish

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- directly to the substrate or primed substrate with a clean, stainless steel trowel.
2. Apply and level finish during the same operation to minimum obtainable thickness consistent with uniform coverage.
 3. Maintain a wet edge on finish by applying and texturing continually over the wall surface. Work finish to corner, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area.
 4. Float finish to achieve final texture.

MAINTENANCE

CLEANING

Clean coating with water only. The use of detergents or soaps will degrade the hydrophobic effect. After detergent cleaning, the hydrophobic effect will reactivate in approximately 30 days time, depending on exposure conditions.

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.

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