PAREXUSA

AquaSol™ Coating
Enhanced Acrylic Coating with Hydrophobic and Photocatalytic Properties

TESTING PARAMETERS	METHOD	RESULTS
Accelerated Weathering	ASTM G153	After 2,000 hours* -Pass. No blistering, damage, chalking, cracking, checking, crazing or erosion.
Color Fastness After Weathering	ASTM G153	Δ E= 0.56 No color fading or blushing after 2,000 hours*
Flexibility	ASTM D522	¼" diameter through 180 degrees @-30F
Freeze/Thaw Resistance	ASTM E2485	Pass at 10 cycles
Mildew Resistance	ASTM D3273	Pass @ 35 days
	MIL 810 B508	No growth after 28 days
Salt Spray Resistance		No deleterious @ 500 hours
Scrub Resistance	ASTM D2486	Greater than 2,000 cycles
Water Vapor Transmission	ASTM E96 Procedure B	Greater than 12 Perms
Dirt Collection	ASTM D3719	ΔE = 0.96
Solar Reflectance	ASTM C1549	After 2,000 hrs *, improved Solar Reflectance, no blistering, no fading, no chalking.
Rhodamine B Dye Test		25% Increase in L* Value. Up to 25-30% of pollutants degraded after 48 hrs of UV exposure with a positive trend
Wind Driven Rain	Federal Test TT-C-555 B	Pass @24 hours. No water penetration
Adhesion	ASTM D541	Excellent adhesion to compatible, properly prepared surfaces.
Percent Solids, by Volume*		57%
VOC	EPA Reference Test Method 24	8.6 g/L

*On going testing

DESCRIPTION:
- 100% Acrylic-based coating available in textured or non-textured
- Hydrophobic; water repellent
- Self-cleaning
- Pollution reducing
- Long-term durability
- Photocatalytic; heat reflective

USES:
- A protective and decorative exterior coating over concrete, masonry, stucco, or acrylic-based textured finishes. Compatible with Parex USA Finishes, may be applied over them
- To promote color uniformity of repaired and modified surfaces
- To color architectural details and graphics on any of the Parex USA Finishes and Coating.
- Recoating existing CI or Stucco wall systems

COMPOSITION:
- Binder Base: 100% Acrylic
- Color: White or tinted to desired color Meets SCAQMD Rule 1113 when using Parex USA Non-VOC Colorants
- Pigment based: Titanium dioxide
- Water base: VOC-Compliant

PROPERTIES:
- Appearance: Flat, non-gloss, smooth finish
- Vapor Permeability: Water vapor permeable. Does not create a vapor barrier
- Hydrophobic and Photocatalytic

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COVERAGE
Depending on the condition of the substrate and method of application, approximate coverage per pail is:

- AquaSol™ Coating
  One coat: 1000-1200 ft^2
  (93-112 m^2)

CONTAINER
60 lb (27.7kg) net weight in plastic pails.
- Storage: Protect from direct sunlight and freezing at all times
- Do not stack pails more than 3 pails high
- Shelf Life: Reference Parex USA Expiration Date of Products Technical Bulletin

DRYING TIME
Approximately 1-4 hours depending upon temperature, humidity and substrate. Can be recoated after 8 hours.

CLEAN-UP
Water soluble prior to drying. Clean tools and containers with water prior to drying.

SURFACE PREPARATION
- Remove surface contaminants such as dust or dirt without damaging the substrate.
- For previously painted surfaces, all loose and chalking paint must be removed, and glossy surfaces dulled.
- New concrete and masonry must be clean and cured a minimum of 28 days.
- Check concrete surfaces for alkalinity and treat. Any form-release agents or bond breakers must be removed.
- pH levels shall be 9 or less.

- Uneven concrete or masonry can be leveled with any Parex USA family of brands CI Base Coat & Adhesive or other suitable, compatible product.
- Prime cementitious surfaces with any Parex USA Primer.
- For application of specific Parex USA Primers refer to the Product Data Sheet.
- For additional options, contact Parex USA Technical Support.

MIXING
- Use clean equipment for mixing and preparation
- Stir AquaSol™ Coating to a uniform consistency.
- Avoid creating air bubbles or foam.
- Stir occasionally as needed to keep uniformly mixed.

APPLICATION
- Read the entire label before using this product
- AquaSol™ Coating exhibit good surface coverage in single application. However, for most uncoated, unprimed surface of concrete, masonry, or drywall, two coats of the product may be required to obtain adequate hiding of the substrate and best performance.
- AquaSol™ Coating is easily applied with either brush, roller, or suitable spray equipment. Apply as packaged. If necessary, add a small amount of clean potable water: maximum 8 oz (0.25L) / pail. Multiple coats may be needed to achieve desired results. Rolling/brush applications on smooth or fine textured surfaces can cause orange peel texture.

- Add the same amount of water to each bucket. Also, if different batches are used on the job box them for best color consistency.
- For Spray applications, strain the material with a paint strainer.

LIMITATIONS
- Ambient and surface temperatures must be 40°F (4°C) or higher during application and drying time. Provide supplemental heat and protection from precipitation as needed.
- Use only on surfaces that are sound, clean, dry, and free from any residue which may affect the ability of the AquaSol™ Coating to bond to the surface.
- Application in direct sunlight in hot weather may adversely affect aesthetics.

WARNING
- Read complete Warning information printed on product container prior to use. For medical emergency information, call 1-800-424-9300.
- For more information on handling this product refer to its Safety Data Sheet (SDS). The most current SDS and Product Data Sheet (PDS) can be found on our website.
- This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about the guidelines for the proper use and application of the covered product(s) under normal environmental and working conditions. Because each project is different, Parex USA, Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.