**CHARACTERISTICS**

Pro Industrial Waterbased Alkyd Urethane Enamel is a premium quality interior-exterior enamel formulated with a urethane modified alkyd resin system for high performance. It provides beauty and durability when applied to interior-exterior surfaces such as properly prepared drywall, wood, masonry and metal. It brings together the convenience and ease of use of a waterborne coating with the performance and coating characteristics of a traditional oil-based enamel.

- Excellent washability & flow & leveling
- Excellent touch up
- Easy application & cleanup
- Resistant to yellowing compared to traditional alkyds
- Suitable for use in USDA inspected facilities

**APPLICATION**

**Temperature**
- minimum: 50°F / 10°C
- maximum: 100°F / 37.8°C

**Relative humidity:** 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

**Reduction:** Water

**Airless Spray**
- Pressure: 2000 p.s.i.
- Hose: 1/4 inch I.D.
- Tip: .013 - .017 inch
- Filter: 60 mesh
- Reduction: Not recommended

**Brush**
- Nylon-polyester

**Roller Cover**
- 1/4-1/2 inch woven

If specific application equipment is listed above, equivalent equipment may be substituted.

Apply paint at the recommended film thickness and spreading rate as indicated on front page. Application of coating below minimum recommended spreading rate will adversely affect coating performance.

No painting should be done immediately after a rain or during foggy weather. When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. Apply coating evenly while maintaining a wet edge to prevent laminating.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Steel:</th>
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<tbody>
<tr>
<td>1 coat Pro Industrial Pro-Cryl Primer</td>
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<tr>
<td>2 coats Pro Industrial Waterbased Alkyd Urethane</td>
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<table>
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<tr>
<th>Aluminum and Galvanizing:</th>
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<tbody>
<tr>
<td>1 coat Pro Industrial Pro-Cryl Primer</td>
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<tr>
<td>2 coats Pro Industrial Waterbased Alkyd Urethane</td>
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<tr>
<th>Concrete Block (CMU):</th>
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<tbody>
<tr>
<td>1 coat Pro Industrial Heavy Duty Blockfiller or Loxon Acrylic Block Surfacer</td>
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<tr>
<td>2 coats Pro Industrial Waterbased Alkyd Urethane</td>
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<th>Concrete-Masonry:</th>
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<tbody>
<tr>
<td>1 coat Loxon Concrete &amp; Masonry Primer (if needed)</td>
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<tr>
<td>2 coats Pro Industrial Waterbased Alkyd Urethane</td>
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<th>Wood, exterior:</th>
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<tbody>
<tr>
<td>1 coat Exterior Wood Primer</td>
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<tr>
<td>2 coats Pro Industrial Waterbased Alkyd Urethane</td>
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<table>
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<tr>
<th>Wood, interior:</th>
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</thead>
<tbody>
<tr>
<td>1 coat Premium Wall &amp; Wood Primer</td>
</tr>
<tr>
<td>2 coats Pro Industrial Waterbased Alkyd Urethane</td>
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</tbody>
</table>

The systems listed above are representative of the product’s use, other systems may be appropriate.
**SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment. Notifying occupants and/or authorities about the presence of lead paint before and during abatement work is required. The presence of lead paint cannot be determined by sight or摸 feel. Before assuming that lead paint is not present, consult a lead paint tester. Lead paint surfaces must be treated by a licensed professional. Following new practices requires the use of approved products and methods that result in the production of lead dust. The consumer is not permitted to treat lead-containing surfaces. See the MSDS for more information. Call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Do not use hydrocarbon solvents for cleaning. Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Iron & Steel** - Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6. Primer recommended for best performance.

**Aluminum** - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1. Prime the area the same day as cleaned.

**Galvanizing** - Allow 7 days to dry prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, use metal cleaning recommendations when using solvents. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned.

**Concrete Block** - Surface should be thoroughly clean and dry. Air, material and surface temperatures must be at least 55°F (13°C) before filling. Use Pro industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfacer. The filler must be thoroughly dry before topcoating.

**Masonry** - All masonry must be free of dirt, oil, grease, loose paint, mortar, masonry dust, etc. Clean per SSPC-SP1 or Nace 6 ICRI No. 310.2R, CSP 1-3. Poured, troweled, or tilt-up concrete, plaster, mortar, etc. must be thoroughly cured at least 30 days at 75°F. Form release compounds and curing membranes must be removed by brush blasting. Brick must be allowed to weather for one year prior to surface preparation and painting. Prime the area the same day as cleaned. Weathered masonry or soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Apply one coat Loxon Conditioner, following label recommendations.

**Wood** - Surface must be clean, dry, and sound. Prime with recommended primer. No painting should be done immediately after a rain or during foggy weather. Knots and pitch streaks must be scraped, sanded and spot primed before full coat of primer is applied. All nail holes or small openings must be properly caulked.

**Previously Painted Surface** - If in sound condition, clean the surface of all foreign material. Smooth out hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Test for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Mildew** - Prior to attempting to remove mildew, it is recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised. Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear; waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.

**SURFACE PREPARATION**

**System Tested:** (unless otherwise indicated)

**Substrate:** Steel

**Surface Preparation:** SSPC-SP10

**Finish:** 1 coat Waterbased Alkyd Urethane, 5 W.F.T.

**Adhesion:**

- Method: ASTM D3359 method B
- Result: 4B

**Pencil Hardness:**

- Method: ASTM D3363
- Result: 4H

**Flexibility:**

- Method: ASTM D522, 180° bend, 1/4” mandrel
- Result: Pass

**Dry Heat Resistance:**

- Method: ASTM D2485
- Result: 200°F

**Block Resistance:**

- Lab assessment: Excellent

**Resistance to Yellowing:**

- Lab assessment: Excellent

No painting should be done immediately after a rain or during foggy weather.

Do not paint on wet surfaces. Check adhesion by applying a test strip to determine the readiness for painting.

**SAFETY PRECAUTIONS**

Before using, carefully read CAUTIONS on label. Refer to the Safety Data Sheets (SDS) before use.

FOR PROFESSIONAL USE ONLY.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

**CLEANUP INFORMATION**

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer’s safety recommendations when using solvents.

**DANGER:** Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.

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The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.