### CHARACTERISTICS

**Pro Industrial Acrylic** is an ambient cured, single component 100% acrylic coating. It is designed for interior and exterior industrial and commercial applications.

- Chemical Resistant
- Outstanding early moisture resistance
- Flash rust/early rust resistance
- Suitable for use in USDA inspected facilities

### Features:
- 100% acrylic
- Interior/Exterior use
- Easy application
- Flows and levels to a smooth finish

For use on properly prepared:
- Steel, Galvanized & Aluminum, Drywall, Concrete and Masonry, Plaster and Wood.

**Finish:**
- 15-25° @ 85°F
- 10-20° @ 60°F

**Color:**
- Most colors

**Recommended Spreading Rate per coat:**
- Wet mils: 6.0-12.0
- Dry mils: 2.1-4.2
- Coverage: 133-267 sq. ft. per gallon
- Theoretical Coverage: 561 sq. ft. per gallon

**Approximate spreading rates are calculated on volume solids and do not include any application loss.**

**Note:** Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

### Drying Schedule @ 7.0 mils wet, @ 50% RH:

<table>
<thead>
<tr>
<th>Method</th>
<th>Drying</th>
<th>Recoat</th>
<th>Temperature/Relative Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drying</td>
<td>1 hour</td>
<td>5 hours</td>
<td>50°F / 10°C; 85% maximum</td>
</tr>
<tr>
<td>Recoat</td>
<td>5 minutes</td>
<td>15 minutes</td>
<td>At least 5°F above dew point</td>
</tr>
</tbody>
</table>

### Application:

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.

**Reducer:**
- Water

**Airless Spray:**
- Pressure: 1500 p.s.i.
- Hose: 1/4 inch I.D.
- Tip: .017 - .021 inch
- Filter: 60 mesh

**Conventional Spray:**
- Gun: Binks 95
- Fluid Nozzle: 66
- Air Nozzle: 63 PB
- Atomization Pressure: 50 p.s.i.
- Fluid Pressure: 15-20 p.s.i.

**NOTE:** reduction as needed up to 12.5 percent by volume

**To touch**
- 1-2 coats Pro Industrial Acrylic

**To recoat**
- 1 coat Premium Wall & Wood Primer
- Wood, interior:
  - 1 coat Exterior Wood Primer
  - 1-2 coats Pro Industrial Acrylic

**Wood, exterior:**
- 2 coats Pro Industrial Acrylic

**Concrete Block (CMU):**
- 1 coat Pro Industrial Heavy Duty Blockfiller
- 1-2 coats Pro Industrial Acrylic

**Concrete/Masonry:**
- 1 coat Loxon Concrete & Masonry Primer (if needed)
- or Loxon Conditioner (if needed)
- 2 coats Pro Industrial Acrylic

**Galvanizing:**
- 2 coats Pro Industrial Acrylic

**Pre-Finished Siding:** (Baked-on finishes)
- 1 coat Bond-Plex Waterbased Acrylic
- or DTM Bonding Primer
- 1-2 coats Pro Industrial Acrylic

**Wood,** *interior:*
- 1 coat Premium Wall & Wood Primer
- 1-2 coats Pro Industrial Acrylic

**Steel:**
- 2 coats Pro Industrial Acrylic

### Compliance:

As of 11/04/2019, Complies with:

- OTC
- OTC Phase II
- SCAQMD
- CARB
- CARB SCM 2007
- Canada
- LEED® v4 & v4.1 Emissions
- LEED® v4 & v4.1 V.O.C.
- EPD-NSF® Certified
- MPI-Product Lens Certified
- No
- MPI

### Specifications:

- **Steel**
  - 2 coats Pro Industrial Acrylic

- **Steel:**
  - 1 coat Pro Industrial Pro-Cryl Primer
  - or Pro Industrial DTM Primer/Finish
  - or Kem Bonds HS
  - or Zinc Clad Primer
  - 1-2 coats Pro Industrial Acrylic

- **Aluminum:**
  - 1-2 coats Pro Industrial Acrylic

- **Aluminum (Water Based Primer):**
  - 1 coat Pro Industrial Pro-Cryl Primer
  - 1-2 coats Pro Industrial Acrylic

- **Concrete Block (CMU):**
  - 1 coat Pro Industrial Heavy Duty Blockfiller
  - or Loxon Acrylic Block Surfacer
  - 1-2 coats Pro Industrial Acrylic

- **Concrete/Masonry:**
  - 1 coat Loxon Concrete & Masonry Primer (if needed)
  - or Loxon Conditioner (if needed)
  - 2 coats Pro Industrial Acrylic

### Coverage:

**Theoretical Coverage:** 561 sq. ft. per gallon

**Recommended Spreading Rate per coat:**
- Wet mils: 6.0-12.0
- Dry mils: 2.1-4.2

**Approximate spreading rates are calculated on volume solids and do not include any application loss.**

**Application of coating on unprimed steel may cause pinpoint rusting.** Safety Colors, Deep Base, and ultradeep colors require a prime coat for maximum durability, adhesion, and corrosion protection.

### Shelf Life:

6 months, unopened

### V.O.C. (less exempt solvents):

- less than 50 grams per litre; 0.42 lbs. per gallon

**Volume Solids:** 35 ± 2%

**Weight Solids:** 48 ± 2%

**Weight per Gallon:** 10.42 lb

**Flash Point:** N/A

**Shelf Life:** 36 months, unopened
### 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 and cleanup. 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 the surface and allow it to dry. Existing pecked or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, and simple oil and grease can be removed with the appropriate primer/sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service life 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.

**Galvanizing** - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. 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-SP13/Nace 6/ICRI No. 310.2R. CSP 1-3. Pour, 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 and 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. Sand to remove any loose or deteriorated surface wood and to obtain a proper surface profile.

### PERFORMANCE

**System Tested:** (unless otherwise indicated)  
**Substrate:** Steel  
**Surface Preparation:** SSPC-SP10  
**Finish:** 2 coats Pro Industrial Acrylic B66W01661, 6.2 DFT  
**Adhesion:**  
- Method: ASTM D4541  
- Result: 1014 p.s.i.  

**Corrosion Weathering**  
- Method: ASTM D5894, 4 cycles  
- Result:  

**Direct Impact Resistance:**  
- Method: ASTM D2794  
- Result: greater than 176 inch lb.  

**Dry Heat Resistance:**  
- Method: ASTM D2485  
- Result: 300°F  

**Humidity Resistance:**  
- Method: ASTM D2522, 1/8 inch mandrel  
- Result: Pass  

**Pencil Hardness:**  
- Method: ASTM D3363  
- Result: B

*over Pro Industrial Pro-Cryl Primer

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.

### 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.

**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.

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.