Pro Industrial™
Acrylic Gloss
B66-600 Series

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-eary 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: 70+ @60°
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

APPLICATION

Drying Schedule @ 7.0 mils wet, @ 50% RH:
Drying, and recoat times are temperature, humidity, and film thickness dependent.

<table>
<thead>
<tr>
<th>Temperature</th>
<th>@50°F</th>
<th>@77°F</th>
<th>@120°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>To touch</td>
<td>1 hour</td>
<td>30 min</td>
<td>5 min</td>
</tr>
<tr>
<td>Tack free</td>
<td>8 hours</td>
<td>5 hours</td>
<td>15 min</td>
</tr>
<tr>
<td>To recoat</td>
<td>8 hours</td>
<td>5 hours</td>
<td>15 min</td>
</tr>
</tbody>
</table>

Tinting with CCE only:

Base oz. per gallon Strength
Extra White 0-4 SherColor
Deep Base 8-12 SherColor
Ultradeep Base 8-12 SherColor

Extra White B66W00611 (may vary by color)

V.O.C. (less exempt solvents):
less than 50 grams per litre; 0.42 lbs. per gallon

As per 40 CFR 59.406

| Volume Solids: | 35 ± 2% |
| Weight Solids: | 44 ± 2% |
| Weight per Gallon: | 9.50 lb |
| Flash Point: | N/A |
| Vehicle Type: | Acrylic |
| Shelf Life: | 36 months, unopened |

COMPLIANCE

As of 03/06/2020, Complies with:

OTC  Yes
OTC Phase II  Yes
SCAQMD  Yes
CARB  Yes
CARB SCM 2007  Yes
Canada  Yes
LEED v4 & v4.1 Emissions  Yes
LEED v4 & v4.1 V.O.C.  Yes
EPD-NSF® Certification  Yes
MIR-Manufacturer Inventory  Yes
NSF® Certification  Yes

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 Block Filler
or Lexon Acrylic Block Surfacer
or ConFlex Block Filler
1-2 coats Pro Industrial Acrylic

Concrete/Masonry:
1 coat Lexon Concrete and Masonry Primer (if needed)
or Lexon Conditioner (if needed)
2 coats Pro Industrial Acrylic

Drywall:
1 coat ProMar 200 Zero V.O.C. Primer
1-2 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, exterior:
1 coat Exterior Wood Primer
1-2 coats Pro Industrial Acrylic

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

*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.
**SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to such 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 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, and other contamination should be removed using the appropriate cleaner or 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 Blaster Cleaning per SSPC-SP6. Primer recommended for best performance Prime any bare steel within 8 hours or before flash rusting occurs.

**Aluminum** - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1.

**Galvanizing** - Allow to weather a minimum of 6 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 then test a 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 allowed to weather a minimum of 30 days at 75°F. Form release compounds CSP 1-3. Poured, troweled, or tilt-up concrete, grease, loose paint, mortar, masonry dust, etc. should be removed using 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.

**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. 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. Prune 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.

**SURFACE PREPARATION**

Previously Painted Surface - If in sound condition, clean the surface of all foreign material. Smooth, 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. Re-test surface 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 always 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 should be used.

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.

**PERFORMANCE**

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

<table>
<thead>
<tr>
<th>Substrate: Steel</th>
<th>Surface Preparation: SSPC-SP10</th>
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<tbody>
<tr>
<td>Finish: 2 coats Pro Industrial Acrylic B66W00611, 6.0 DFT</td>
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**Adhesion:** Method: ASTM D4541 1227 p.s.i.

**Corrosion Weathering:** Method: ASTM D5894, 7 cycles Result: Rating 10, per ASTM D714 for Blistering, Rating 9.5 per ASTM D1654 for corrosion

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

**Dry Heat Resistance:** Method: ASTM D2485 Result: 300°F Flexibility: Method: ASTM D522, 1/8 inch mandrel Result: Pass

**Humidity Resistance:** Method: ASTM D4585, 2168 hours Result: Rating 10 per ASTM D714 for blistering, Rating 9.5 per ASTM D1654 for corrosion

**Pencil Hardness:** Method: ASTM D3363, 30 day cure Result: 3B *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.

**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, splatters, 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.

HOTW 03/06/2020 B66W00611 18 00 FRC

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.