**CHARACTERISTICS**

Pro Industrial DTM Acrylic coating is an interior-exterior, water based, corrosion resistant acrylic coating for light to moderate industrial use. Designed for new construction or maintenance use and can be used directly over prepared substrates.

- Chemical Resistant
- Corrosion resistant
- Fast dry
- Flash rust-early rust resistance
- Suitable for use in USDA inspected facilities

**Finish:** Eg-Shel 10-20° @60°
**Color:** Most colors

**Recommended Spreading Rate per coat:**
- Wet mils: 6.0-9.5
- Dry mils: 2.5-4.0

**Coverage:** 168-270 sq.ft. per gallon

**Theoretical Coverage:** 673 sq. ft. per gallon @ 1 mil dry

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 @ 6.0 mils wet, @ 50% RH:**
- To touch: 1 hour
- To recoat: 2 hours

**Tinting with CCE only:**

<table>
<thead>
<tr>
<th>Base</th>
<th>oz. per gallon</th>
<th>Strength</th>
<th>Weight Solids</th>
<th>Volume Solids</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extra White</td>
<td>0-6</td>
<td>SherColor</td>
<td>55%</td>
<td>42 ± 2%</td>
</tr>
<tr>
<td>Deep Base</td>
<td>6-12</td>
<td>SherColor</td>
<td>55%</td>
<td>42 ± 2%</td>
</tr>
<tr>
<td>Utraldeep Base</td>
<td>10-12</td>
<td>SherColor</td>
<td>55%</td>
<td>42 ± 2%</td>
</tr>
<tr>
<td>Real Red</td>
<td>0-12</td>
<td>SherColor</td>
<td>55%</td>
<td>42 ± 2%</td>
</tr>
<tr>
<td>Vivid Yellow</td>
<td>0-14</td>
<td>SherColor</td>
<td>55%</td>
<td>42 ± 2%</td>
</tr>
</tbody>
</table>

**Extra White B66W01251 (may vary by color)**

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

As per 40 CFR 59.406

| Volume Solids       | 42 ± 2%         |
| Weight Solids       | 55 ± 2%         |
| Weight Per Gallon   | 10.61 lb        |
| Flash Point         | N/A             |
| Vehicle Type        | Acrylic         |
| Shelf Life          | 36 months, unopened

Store indoors at 40°F to 100°F.

**APPLICATION**

- **Temperature:**
  - minimum 50°F / 10°C
  - maximum 110°F / 43°C
- **Relative humidity:** 85% maximum
- **Reducer:** Water
- **Airless Spray:**
  - Pressure: 1500 p.s.i.
  - Hose: 1/4 inch I.D.
  - Tip: 0.17 - 0.21 inch
  - Filter: 60 mesh
- **Conventional Spray:**
  - Gun: Binks 95
  - Air Nozzle: 63 PB
  - Fluid Nozzle: 66
  - Atomization Pressure: 50 p.s.i.
  - Fluid Pressure: 10-20 p.s.i.
  - Reduction: Not recommended
  - Brush: Nylon-polyester

**Roller Cover:** 1/4-3/8 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. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

When using spray application, use a 50% overlap with each pass of the gun to avoid Holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

Overspray landing on hot surfaces may adhere to these surfaces. Immediately remove overspray from hot surfaces before adhesion occurs.

**COMPLIANCE**

As of 06/16/2020, 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® Certification
- MIR-Manufacturer Inventory
- NSF® Certification
- MP®

**SPECIFICATIONS**

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

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

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

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

**Concrete/Masonry:**
- 1 coat Luxon Concrete & Masonry Primer (if needed)
- 2 coats Pro Industrial DTM Acrylic

**Drywall:**
- 1 coat ProMar 200 Zero V.O.C. Primer
- 1-2 coats Pro Industrial DTM Acrylic

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

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

**Wood, exterior:**
- 1 coat Exterior Wood Primer
- 1-2 coats Pro Industrial DTM Acrylic

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

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

**Zinc Primers** - Refer to the zinc technical data sheet application procedures and performance tips prior to topcoating.
### 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 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 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. 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 and soft or poor concrete support 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:**  
**Surface Preparation:** SSPC-SP10  
**Finish:** 2 coats Pro Industrial DTM Acrylic  
**Adhesion:**  
**Result:** 1365 p.s.i.  
**Corrosion Weathering:**  
**Result:** Rating 10 per ASTM D1654 for corrosion  
**Direct Impact Resistance:**  
**Result:** greater than 176 inch lb.  
**Dry Heat Resistance:**  
**Result:** 300°F  
**Flexibility:**  
**Result:** Pass  
**Humidity Resistance:**  
**Result:** Rating 10 per ASTM D714 for blistering. Rating 10 per ASTM D1654 for corrosion  
**Pencil Hardness:**  
**Result:** 3.5B  

*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.

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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.