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 resistant
- Suitable for use in USDA inspected facilities

Color: most colors, including Black, Safety Yellow, and Safety Red

Recommended Spread Rate per coat:
- Wet mils: 6.0 - 10.0
- Dry mils: 2.5 - 4.0
- Coverage: 160 - 255 sq ft/gal

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

Drying Time @ 6.0 mils wet 50% RH:

<table>
<thead>
<tr>
<th>Temperature</th>
<th>To touch</th>
<th>Tack free</th>
<th>To recoat</th>
</tr>
</thead>
<tbody>
<tr>
<td>50°F</td>
<td>1 hr</td>
<td>2 hrs</td>
<td>2 hrs</td>
</tr>
<tr>
<td>77°F</td>
<td>10 min</td>
<td>45 min</td>
<td>1 hr</td>
</tr>
<tr>
<td>110°F</td>
<td>10 min</td>
<td>30 min</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

Drying time is temperature, humidity, and film thickness dependent.

Finish: 70+@60° Gloss

Flash Point: N/A

Shelf Life: 36 months, unopened
Store indoors at 40°F to 100°F.

Tinting with CCE:
- Base oz/gal Strength
  - Extra White 0-6 Shercolor
  - Deep Base 6-12 Shercolor
  - Ultradeep 10-12 Shercolor
  - Real Red 0-12 Shercolor
  - Vivid Yellow 0-14 Shercolor

- Extra White B66W01051 (may vary by color)

VOC (less exempt solvents): Unreduced: <50 g/L; 0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 40 ± 2%
Weight Solids: 48 ± 2%
Weight per Gallon: 9.74 lb/gal ± 2%

RECOMMENDED SYSTEMS

<table>
<thead>
<tr>
<th>Substrate</th>
<th>System Tested: (unless otherwise indicated)</th>
<th>Drywall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel*</td>
<td>Substrate: Steel</td>
<td>1 ct.</td>
</tr>
<tr>
<td></td>
<td>Surface Preparation: SSPC-SP10</td>
<td>ProMar 200 Primer</td>
</tr>
<tr>
<td></td>
<td>Finish: Pro Industrial DTM Acrylic</td>
<td>1-2 cts.</td>
</tr>
<tr>
<td></td>
<td>Method: ASTM D4541</td>
<td>Pro Industrial DTM Acrylic</td>
</tr>
<tr>
<td></td>
<td>Result: &gt; 500 psi</td>
<td>Galvanizing</td>
</tr>
<tr>
<td></td>
<td>Corrosion Weathering:</td>
<td>2 cts. Pro Industrial DTM Acrylic</td>
</tr>
<tr>
<td></td>
<td>Method: ASTM D5894, 1680 hours, 5 cycles</td>
<td>Prefinished Siding: (Baked-on finishes)</td>
</tr>
<tr>
<td></td>
<td>Result: Rating 10N, per ASTM D714 for blistering</td>
<td>1 ct. DTM Bonding Primer</td>
</tr>
<tr>
<td></td>
<td>Direct Impact Resistance:</td>
<td>1-2 cts. Pro Industrial DTM Acrylic</td>
</tr>
<tr>
<td></td>
<td>Method: ASTM D2794</td>
<td>Wood, Exterior:</td>
</tr>
<tr>
<td></td>
<td>Result: &gt;160 in. lb</td>
<td>1 ct. Exterior Wood Primer</td>
</tr>
<tr>
<td></td>
<td>Pencil Hardness:</td>
<td>1-2 cts. Pro Industrial DTM Acrylic</td>
</tr>
<tr>
<td></td>
<td>Method: ASTM D3363</td>
<td>Wood, Interior:</td>
</tr>
<tr>
<td></td>
<td>Result: 6B, 7 day air dry</td>
<td>1 ct. Premium Wall &amp; Wood Primer</td>
</tr>
<tr>
<td></td>
<td>Salt Fog Resistance:</td>
<td>1-2 cts. Pro Industrial DTM Acrylic</td>
</tr>
<tr>
<td></td>
<td>Method: ASTM D2485</td>
<td>1 ct. ProMar 200 Primer</td>
</tr>
<tr>
<td></td>
<td>Result: Rating 10N per ASTM D714 for blistering</td>
<td>Galvanizing</td>
</tr>
<tr>
<td></td>
<td>Humidity Resistance:</td>
<td>Rating 10 per ASTM D1654 for corrosion</td>
</tr>
<tr>
<td></td>
<td>Method: ASTM D4585, 1000 hours</td>
<td>Pencil Hardness:</td>
</tr>
<tr>
<td></td>
<td>Result: Rating 10N per ASTM D714 for blistering</td>
<td>6B, 7 day air dry</td>
</tr>
<tr>
<td></td>
<td>Direct Impact Resistance:</td>
<td>Salt Fog Resistance:</td>
</tr>
<tr>
<td></td>
<td>Method: ASTM D2794</td>
<td>10 per ASTM D1654 for corrosion</td>
</tr>
<tr>
<td></td>
<td>Result: &gt;160 in. lb</td>
<td>10 per ASTM D1654 for corrosion</td>
</tr>
</tbody>
</table>

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

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 wetting 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 and Masonry - For surface preparation, refer to SSPC-SP13/NACE 6 or ICRI 03732, CSP 1-3. Surfaces should be thoroughly cleaned and dry. Surface temperatures must be at least 55°F before filling. If required for a smoother finish, use the recommended filler/surfacer. The filler/surfacer must be thoroughly dry before topcoating per manufacturer’s recommendations. 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.

Previously Painted Surfaces - 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. Retest 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.

Zinc Primers - Refer to the zinc technical data sheet application procedures and performance tips prior to topcoating.

APPLICATION PROCEDURES

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

SAFETY PRECAUTIONS

Refer to the 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.

APPLICATION

Refer to the SDS before using

Temperature: 50°F minimum
110°F maximum

(Air, surface, and material) At least 5°F above dew point

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.

Airless Spray

Pressure................................. 1500 psi
Hose........................................ 1/4” ID
Tip.............................................. .017” -.021”
Filter......................................... 60 mesh
Reduction............................... Not recommended

Conventional Spray

Gun.............................................. Binks 95
Fluid Nozzle.................................. 66
Air Nozzle..................................... 63PB
Atomization Pressure..................... 50 PSI
Fluid Pressure............................. 10-20 PSI
Reduction............................... Not recommended

Brush........................................... Nylon / polyester
Reduction............................... Not recommended

Due to this product's fast dry performance, brushing should be limited to small areas where a wet edge can be maintained

Roller................................. 1/4-3/8” woven
Reduction............................... Not recommended

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

CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean 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 03/10/2017 B66W01051 11 35
KOR, SP, 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.