PRODUCT PROFILE

GENERIC DESCRIPTION
Advanced Thermoset Solution Fluoropolymer

COMMON USAGE
A low VOC exterior finish coat especially designed for tanks and other exposed steel substrates. This product has outstanding resistance to ultra-violet light degradation providing unprecedented long-term gloss and color retention with excellent resistance to abrasion and chalking. It is aesthetically pleasing and recommended for coastal environments and on structures where extremely long-term maintenance cycles are desired. NOT FOR IMMERSION SERVICE.

COLORS
Refer to Tnemec Color Guide. Note: Certain colors may require multiple coats depending on method of application and finish coat color. The preceding coat should be in the same color family, but noticeably different. Upon selection of the finish coat color, the intermediate coat color will be selected by Tnemec's color lab.

FINISH
Semi-Gloss

PERFORMANCE CRITERIA
Contact your Tnemec representative for specific test results.

COATING SYSTEM

PRIMERS

INTERMEDIATE
Series 73, 1075, 1075U

Note: When topcoating with Series V701, the following maximum recoat times apply: Over 1075, 1075U and itself, 30 days; over 73, 30 days.

SURFACE PREPARATION

EXTERIOR EXPOSURE
SSPC-SP6 Commercial Blast Cleaning

ALL SURFACES
Must be clean, dry and free of oil, grease and other contaminants.

TECHNICAL DATA

VOLUME SOLIDS
56.0 ± 2.0% (mixed) †

RECOMMENDED DFT
2.0 to 3.0 mils (50 to 75 microns) per coat. Note: Number of coats and thickness requirements will vary with substrate, application method and exposure. Contact your Tnemec representative.

CURING TIME

<table>
<thead>
<tr>
<th>Temperature (°F)</th>
<th>To Touch</th>
<th>To Handle</th>
<th>Minimum Recoat ‡</th>
</tr>
</thead>
<tbody>
<tr>
<td>70°F (21°C)</td>
<td>1 hour</td>
<td>6-8 hours</td>
<td>10-12 hours</td>
</tr>
</tbody>
</table>

† Maximum recoat: 50 days. Curing time varies with surface temperature, air movement, humidity and film thickness.

VOLATILE ORGANIC COMPOUNDS

Unthinned: 0.81 lbs/gal (97 grams/litre)

Thinned 10% (No. 65 Thinner): 0.81 lbs/gal (97 grams/litre)

Thinned 10% (No. 63 Thinner): 1.58 lbs/gal (189 grams/litre) (TBAc Exempt)

Thinned 8% (No. 63 Thinner): 2.03 lbs/gal (244 grams/litre) (TBAc Non-Exempt) †

998 mil sq ft/gal (21.7 m²/L at 25 microns) †

THEORETICAL COVERAGE

898 mil sq ft/gal (21.7 m²/L at 25 microns) †

NUMBER OF COMPONENTS
Two: Part A and Part B

MIXING RATIO
By volume: Eight (Part A) to one (Part B)

PACKAGING

<table>
<thead>
<tr>
<th></th>
<th>PART A</th>
<th>PART B</th>
<th>Yield (mixed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium Kit</td>
<td>5 gallon pail partially filled</td>
<td>1 half gallon can partially filled</td>
<td>3 gallons (11.35L)</td>
</tr>
<tr>
<td>Small Kit</td>
<td>1 gallon can partially filled</td>
<td>1 pint can partially filled</td>
<td>1 gallon (3.79L)</td>
</tr>
</tbody>
</table>

NET WEIGHT PER GALLON
12.47 ± 0.25 lbs (5.63 ± .11 kg) (mixed) †

STORAGE TEMPERATURE
Minimum 20°F (-7°C)  Maximum 110°F (43°C)

TEMPERATURE RESISTANCE
(Dry) Continuous 250°F (121°C)  Intermittent 275°F (135°C)

SHELF LIFE
12 months at recommended storage temperature

FLASH POINT - SETA
Part A: 86°F (28°C)  Part B: >200°F (93°C)

HEALTH & SAFETY

Paint products contain chemical ingredients which are considered hazardous. Read container label warning and Material Safety Data Sheet for important health and safety information prior to the use of this product.

Keep out of the reach of children.

Published technical data and instructions are subject to change without notice. The online catalog at www.tnemec.com should be referenced for the most current technical data and instructions or you may contact your Tnemec representative for current technical data and instructions.
### Application

#### Coverage Rates

<table>
<thead>
<tr>
<th></th>
<th>Dry Mils (Microns)</th>
<th>Wet Mils (Microns)</th>
<th>Sq Ft/Gal (m²/Gal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suggested</td>
<td>2.5 (65)</td>
<td>4.5 (115)</td>
<td>359 (33.4)</td>
</tr>
<tr>
<td>Minimum</td>
<td>2.0 (50)</td>
<td>3.5 (90)</td>
<td>449 (41.7)</td>
</tr>
<tr>
<td>Maximum</td>
<td>3.0 (75)</td>
<td>5.5 (140)</td>
<td>299 (27.8)</td>
</tr>
</tbody>
</table>

Allow for overspray and surface irregularities. Wet film thickness is rounded to the nearest 0.5 mil or 5 microns. Application of coating below minimum or above maximum recommended dry film thicknesses may adversely affect coating performance. †

#### Mixing

Stir contents of the container marked Part A, making sure no pigment remains on the bottom. Add the contents of the can marked Part B to Part A while under agitation. Continue agitation until the two components are thoroughly mixed. Do not use mixed material beyond pot life limits. Caution: Part B is moisture-sensitive and will react with atmospheric moisture. Keep unused material tightly closed at all times.

#### Thinners

For air spray, thin up to 10% per gallon with No. 63 Thinner. For brush and roller applications, thin 10% per gallon with No. 65 Thinner. Thinning is required for proper application. Note: In areas that require lower VOC, use No. 65 Thinner. Caution: Do not add thinner if more than thirty (30) minutes have elapsed after mixing.

#### Pot Life

2 hours at 70°F (21°C)

#### Application Equipment

**Air Spray**

- **Gun:** DeVilbiss JGA
- **Fluid Tip:** E
- **Air Cap:** 765 or 704
- **Air Hose ID:** 5/16" or 3/8" (7.9 or 9.5 mm)
- **Mat'l Hose ID:** 3/8" or 1/2" (9.5 or 12.7 mm)
- **Atomizing Pressure:** 70-90 psi (4.9-6.2 bar)
- **Pot Pressure:** 10-20 psi (0.7-1.4 bar)

Low temperatures or longer hoses require higher pot pressure.

Use appropriate tip/atomizing pressure for equipment, applicator technique and weather conditions.

**Roller:** Use 1/4" (6.4 mm) synthetic woven nap cover. Do not use medium or long nap roller covers.

**Brush:** Recommended for small areas only. Use high quality natural or synthetic bristle brushes.

#### Surface Temperature

Minimum 40°F (4°C) Maximum 120°F (49°C)

The surface should be dry and at least 5°F (5°C) above the dew point.

Cure time necessary to resist direct contact with moisture at surface temperature: 70°F (21°C): 9 hours. If the coating is exposed to moisture before the preceding cure parameters are met, dull, flat or spotty-appearing areas may develop. Actual times will vary with air movement, film thickness and humidity.

#### Cleanup

Flush and clean all equipment immediately after use with the recommended thinner or MEK.

† Values may vary with color.