PRODUCT PROFILE

GENERIC DESCRIPTION
Modified Short Oil Alkyd

COMMON USAGE
Fast-dry, lead- and chrome-free, rust-inhibitive shop primer for structural and miscellaneous steel that is to be enclosed, protected or topcoated.

COLORS
555 Red, 559 Gray

COATING SYSTEM

TOPCOATS
Series 2H, 23, 115

SURFACE PREPARATION

STEEL
SSPC-SP2 Hand Tool or SSPC-SP3 Power Tool Cleaning when exterior exposure of the primed steel is less than 6 months.
SSPC-SP6 Commercial Blast Cleaning when exterior exposure of the primed steel is expected to be 6 months or longer.

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

TECHNICAL DATA

VOLUME SOLIDS
60.0 ± 2.0% †

RECOMMENDED DFT
2.0 to 3.5 mils (50 to 90 microns) per coat.

CURING TIME
<table>
<thead>
<tr>
<th>Temperature</th>
<th>To Touch</th>
<th>To Handle</th>
<th>To Recoat</th>
</tr>
</thead>
<tbody>
<tr>
<td>75°F (24°C)</td>
<td>15 minutes</td>
<td>30-45 minutes</td>
<td>4-8 hours</td>
</tr>
</tbody>
</table>

Curing time varies with surface temperature, air movement, humidity and film thickness.

VOLATILE ORGANIC COMPOUNDS

Unthinned: 2.69 lbs/gallon (322 grams/litre)
Thinned 2%: 2.78 lbs/gallon (333 grams/litre) †

HAPS
Unthinned: 2.54 lbs/gal solids
Thinned 2%: 2.55 lbs/gal solids

THEORETICAL COVERAGE
962 mil sq ft/gal (23.6 m²/L at 25 microns). See APPLICATION for coverage rates. †

NUMBER OF COMPONENTS
One

PACKAGING
55 gallon (208.2L) drums and 5 gallon (18.9L) pails.

NET WEIGHT PER GALLON
13.41 ± 0.25 lbs (6.01 ± .11 kg) †

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

TEMPERATURE RESISTANCE
(Dry) Continuous 200°F (93°C)     Intermittent 250°F (121°C)

SHELF LIFE
12 months at recommended storage temperature.

FLASH POINT - SETA
67°F (19°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.

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>4.0 (100)</td>
<td>585 (35.8)</td>
</tr>
<tr>
<td>Minimum</td>
<td>2.0 (50)</td>
<td>3.5 (90)</td>
<td>481 (44.7)</td>
</tr>
<tr>
<td>Maximum</td>
<td>3.5 (90)</td>
<td>6.0 (150)</td>
<td>275 (25.5)</td>
</tr>
</tbody>
</table>

Allow for overspray and surface irregularities. 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 thoroughly, making sure no pigment remains on the bottom of the can.

THINNING
Normally not required. Where local regulations permit, may be thinned up to 2% or 2 1/2 ounces per gallon with No. 3 Thinner.
APPLICATION EQUIPMENT

### Air Spray

<table>
<thead>
<tr>
<th>Gun</th>
<th>Fluid Tip</th>
<th>Air Cap</th>
<th>Air Hose ID</th>
<th>Mat'l Hose ID</th>
<th>Atomizing Pressure</th>
<th>Pot Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>DeVilbiss JGA</td>
<td>E</td>
<td>765 or 704</td>
<td>5/16&quot; or 5/8&quot;</td>
<td>3/8&quot; or 1/2&quot;</td>
<td>60-80 psi (4.1-5.5 bar)</td>
<td>15-20 psi (1.0-1.4 bar)</td>
</tr>
</tbody>
</table>

Low temperatures or longer hoses require higher pot pressure.

### Airless Spray

<table>
<thead>
<tr>
<th>Tip Orifice</th>
<th>Atomizing Pressure</th>
<th>Mat'l Hose ID</th>
<th>Manifold Filter</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.015&quot;-0.019&quot;</td>
<td>2700-5400 psi</td>
<td>1/4&quot; or 3/8&quot;</td>
<td>60 mesh (250 microns)</td>
</tr>
<tr>
<td>(380-485 microns)</td>
<td>(186-294 bar)</td>
<td>(6.4 or 9.5 mm)</td>
<td></td>
</tr>
</tbody>
</table>

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

**Brush/Roller**: Suggested for small areas only, when using for touch-up.

**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.

**Cleanup**

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

† Values may vary with color.