STEEL SPEC™ FD ALKYD PRIMER

PRODUCT INFORMATION

PRODUCT DESCRIPTION

STEEL SPEC FD ALKYD PRIMER is a fast drying, rust inhibitive, alkyd primer for use over steel substrates. It can be used as a universal primer under high performance topcoats.

- Can be topcoated with epoxies and urethanes

PRODUCT CHARACTERISTICS

Finish: Flat
Color: Gray, dark gray
Volume Solids: 52% ± 2%
Weight Solids: 72% ± 2%
VOC: <420 g/L; 3.5 lb/gal

Recommended Spreading Rate per coat:

| Wet mils: | 6.0 | 8.0 |
| Dry mils: | 3.0 | 4.0 |
| Coverage sq ft/gal: | 210 | 280 |

Theoretical coverage sq ft/gal @ 1 mil dft

834

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: 10 minutes
- Tack-Free: 15 minutes
- To handle: 1 hour
- To recoat: alkyls/itself: 1 hour
  hot solvent topcoats: 16 hours

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

Shelf Life: 36 months, unopened
Store indoors at 40°F to 100°F.
Flash Point: 80°F, PMCC
Clean Up: Xylene

Recommended Uses

A non-lifting type primer which can be used as a barrier coat between previously painted surfaces and new coatings which contain strong solvents that will lift the old paint.

According to AISC, shop coat primers are intended for protection for only a short period of exposure in ordinary atmospheric conditions, and is considered a temporary and provisional coating.

Not recommended for immersion service or exposure to acids, alkalis, or strong solvents.

Meets the requirements of SSPC Paint 15
**APPLICATION METHODS**

May be applied by airless or conventional spray. Brush for touch up only.

**Conventional Spray:**
Binks 95 Gun, 63C fluid nozzle, 63PB air nozzle. 50 psi atomization pressure and 15-20 psi fluid pressure.

**Airless Spray:**
.015 -.019 inch orifice tip. 1/4" ID supply line. 1800-3000 psi and 60 mesh filter.

**SURFACE PREPARATION**

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Minimum Surface Preparation (Steel): SSPC-SP2 Hand Tool Clean. In severely corrosive environments, SSPC-SP6, Commercial Blast Cleaning is required.

**Surface Preparation Standards**

<table>
<thead>
<tr>
<th>Condition of Surface</th>
<th>ISO 8501-1</th>
<th>Swedish Std. SIS055900</th>
<th>SSPC</th>
<th>NACE</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Metal</td>
<td>Sa 2.5</td>
<td>Sa 3</td>
<td>SP 5</td>
<td>1</td>
</tr>
<tr>
<td>Near White Metal</td>
<td>Sa 2.5</td>
<td>Sa 2</td>
<td>SP 6</td>
<td>3</td>
</tr>
<tr>
<td>Commercial Blast</td>
<td>Sa 2</td>
<td>Sa 2</td>
<td>SP 7</td>
<td>4</td>
</tr>
<tr>
<td>Brush-Off Blast</td>
<td>Sa 1</td>
<td>Sa 1</td>
<td>SP 2</td>
<td>-</td>
</tr>
<tr>
<td>Hand Tool Cleaning</td>
<td>D St 2</td>
<td>D St 2</td>
<td>SP 2</td>
<td>-</td>
</tr>
<tr>
<td>Rusted</td>
<td>C St 2</td>
<td>C St 2</td>
<td>SP 3</td>
<td>-</td>
</tr>
<tr>
<td>Pitted &amp; Rusted</td>
<td>D St 3</td>
<td>D St 3</td>
<td>SP 3</td>
<td>-</td>
</tr>
</tbody>
</table>

**TINTING**

Do not tint.

**APPLICATION CONDITIONS**

**Temperature:**
40°F minimum, 120°F maximum (air, surface, and material)
At least 5°F above the dew point

**Relative Humidity:**
85% maximum

**PACKAGING:**
5 gallon pails and 53 gallon drums

**Weight per gallon:**
12.5 ± 0.2 lb

**SAFETY PRECAUTIONS**

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

**DISCLAIMER**

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 to obtain the most recent Product Data Information and Application Bulletin.

www.sherwin-williams.com/protective