STEEL SPEC® 1014 Shopcoat Primer
(formerly Steel Spec Rust Inhibitive Primer)

B50AV1022  Gray
B50NV1023  Red-Brown

**Product Information**

**Product Description**

STEEL SPEC 1014 Shopcoat Primer is a heavy duty, weldable, rust inhibitive primer free of lead and chromate hazards. It offers outstanding protection and will give protection during shipping, handling, and erection. It can be top coated with alkyls and latex coatings.

**Product Characteristics**

**Finish:** Flat

**Color:** Gray and Red-Brown

**Volume Solids:** 46% ± 2%, may vary by color

**Weight Solids:** 69% ± 2%, may vary by color

**VOC:** <420 g/L; 3.5 lb/gal

**Recommended Spreading Rate per coat:**

<table>
<thead>
<tr>
<th>Condition of Surface</th>
<th>White Metal</th>
<th>Near White Metal</th>
<th>Commercial Blast</th>
<th>Brush-Off Blast</th>
<th>Hand Tool Cleaning</th>
<th>Power Tool Cleaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 8501-1 Sa 3</td>
<td>Sa 2.5</td>
<td>Sa 2.5</td>
<td>Sa 2.0</td>
<td>Sa 1.0</td>
<td>C St 2</td>
<td>C St 3</td>
</tr>
<tr>
<td>BS7079:A1 Sa 3</td>
<td>Sa 2.5</td>
<td>Sa 2.5</td>
<td>Sa 2.0</td>
<td>Sa 1.0</td>
<td>C St 2</td>
<td>C St 3</td>
</tr>
<tr>
<td>Swedish Std. SP 5</td>
<td>SP 10</td>
<td>SP 6</td>
<td>SP 3</td>
<td>SP 7</td>
<td>SP 2</td>
<td>SP 3</td>
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<tr>
<td>SSPC NACE Sa 3</td>
<td>SP 5</td>
<td>SP 6</td>
<td>SP 3</td>
<td>SP 7</td>
<td>SP 2</td>
<td>SP 3</td>
</tr>
<tr>
<td>Near White Metal Sa 2.5</td>
<td>Sa 2.5</td>
<td>Sa 2.5</td>
<td>Sa 2.0</td>
<td>Sa 1.0</td>
<td>C St 2</td>
<td>C St 3</td>
</tr>
<tr>
<td>Commercial Blast Sa 2.0</td>
<td>Sa 2.0</td>
<td>Sa 2.0</td>
<td>Sa 2.0</td>
<td>Sa 1.0</td>
<td>C St 2</td>
<td>C St 3</td>
</tr>
<tr>
<td>Brush-Off Blast Sa 1.0</td>
<td>Sa 1.0</td>
<td>Sa 1.0</td>
<td>Sa 1.0</td>
<td>Sa 1.0</td>
<td>C St 2</td>
<td>C St 3</td>
</tr>
</tbody>
</table>

**Recommended Spreading Rate per coat:**

- Wet mils: Minimum 3.0 Maximum 8.5
- Dry mils: Minimum 1.5 Maximum 4.0
- Coverage sq ft/gal: Theoretical coverage 184 Maximum 491
- 1 mil dft coverage @ 736

**Drying Schedule @ 4.0 mils wet @ 50% RH:**

- @ 40°F: To touch 25 minutes, Tack-Free 2.5 hours, Dry-Hard 3.5 hours, To handle 4.5 hours, To recoat 7.5 hours
- @ 77°F: To touch 20 minutes, Tack-Free 1.5 hours, Dry-Hard 2 hours, To handle 3 hours, To recoat 1 hour
- @ 120°F: To touch 5 minutes, Tack-Free 15 minutes, Dry-Hard 20 minutes, To handle 1 hour, To recoat 1 hour

**Shelf Life:** 24 months, unopened

**Flash Point:** 60°F, PMCC

**Reducer/Clean Up:** Mineral Spirits, VM&P Naphtha

**Performance Information**

**Weld Test:** Passed AWS D1.1

**Clean up Instructions**

Clean spills and spatters immediately with Mineral Spirits or VM&P Naphtha. Clean tools immediately after use with Mineral Spirits or VM&P Naphtha. Follow manufacturer’s safety recommendations when using any solvent.

**Safety Precautions**

Refer to the SDS sheet before use.

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

**Recommended Uses**

For commercial construction application on steel to protect against atmospheric exposure.

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.

Provides performance comparable to products formulated to SSPC-Paint #25 and SSPC-Paint #15

**Surface Preparation**

Surfaces must be clean, dry, and in sound condition. Remove all oil, dust, loose rust, loose mill scale or other contamination to ensure good adhesion.

Minimum Surface Preparation (Steel): SSPC SP2 Hand Tool Clean or SSPC-SP3 Power Tool Clean

**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

**Ordering Information**

Packaging: 5 gallon pails and 53 gallon drums

Weight per gallon: 11.3 ± 0.2 lb, may vary by color

**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.

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