PRODUCT DESCRIPTION

**ZINC CLAD IV (85)** is a two-component, polyamide epoxy, zinc-rich coating. It contains 85% by weight of zinc dust pigment in the dried film.

- Coating self-heals to resume protection if damaged
- Provides cathodic/sacrificial

INTENDED USES

- For use over properly prepared blasted steel
- Areas exposed to fresh and salt water
- Areas exposed to brackish water
- Areas exposed to chemical fumes
- Topcoating is recommended for maximum protection
- Not recommended for immersion service

PRODUCT DATA

**Finish:** Flat

**Colors:** Gray-Green

**Volume Solids:** 68% ± 2%, ASTM D2697, mixed

**VOC (mixed):**
- <340 g/L; 2.8 lb/gal, unreduced
- <340 g/L; 2.8 lb/gal, reduced 5%

**Mix Ratio:** 2 components, premeasured; 8:1

**2.25 gallons (8.5L) total**

**Typical Thickness:**

<table>
<thead>
<tr>
<th>Wet mils (microns)</th>
<th>5.0 (125)</th>
<th>8.0 (200)</th>
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<tbody>
<tr>
<td>Dry mils (microns)</td>
<td>3.0 (75)</td>
<td>5.0 (125)</td>
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</table>

**Coverage sq ft/gal (m²/L):**

| (m²/L) @ 1 mil / 25 microns | 218 (5.4) | 363 (8.9) |

**Theoretical coverage sq ft/gal (m²/L):** 1,090 (26.8)

**Average Drying Times @ 5.0 mils wet (125 microns):**

<table>
<thead>
<tr>
<th>Temperature (°F / °C)</th>
<th>Minimum</th>
<th>Maximum</th>
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<tbody>
<tr>
<td>40°F (4.5°C)</td>
<td>45 min</td>
<td>50% RH</td>
</tr>
<tr>
<td>77°F (25°C)</td>
<td>6 hours</td>
<td>4 hours</td>
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<tr>
<td>110°F (43°C)</td>
<td>10 days</td>
<td>10 days</td>
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**Touch:** 15 minutes

**Handle:** 24 hours

**Recoat***:
- minimum: 6 hours
- maximum**: none

**Cure:** 10 days

**Pot Life:** 8 hours

**Sweat-in-time:** 1 hour

*NOTE: Film must be free of solvent, hard and firm. When rubbed with the face of a coin or knife the film should polish but not flake or chip.

**Maximum Recoat: Unlimited. Must have a clean, dry surface for topcoating. "Loose" chalk or salts must be removed in accordance with good painting practice.

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

**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.

Zinc rich coatings require direct contact between the zinc pigment in the coating and the metal substrate for optimum performance.

*Minimum recommended surface preparation:

- **Iron & Steel:** Atmospheric: SSPC-SP6/NACE 3/ ISO8501-1:2007 Sa 2, 2 mil (50 micron) profile

  **Note:** If blast cleaning with steel media is used, an appropriate amount of steel grit may be incorporated into the work mix to render a dense, angular 1.5-3.0 mil (38-75 micron) surface profile.
APPLICATION CONDITIONS

Temperature (air, surface, material):
- 40°F (4.5°C) minimum, 120°F (49°C) maximum
- At least 5°F (2.8°C) above dew point
Relative humidity: 85% maximum

APPROVALS
- Meets SSPC-Paint 20 Type II, Organic, Level 1
- Meets Class A requirements for Slip Coefficient and Creep Resistance, .49

ADDITIONAL NOTES

Mixing Instructions: Mix contents of each component thoroughly with a low speed power agitator. Make certain no pigment remains on the bottom of the can. Then combine 8 parts by volume of Part U with 1 part by volume of Part V. Thoroughly agitate the mixture with power agitation. After mixing, pour through a 30-60 mesh screen. Allow the material to sweat-in as indicated. Re-stir before using. If reducer solvent is used, add only after both components have been thoroughly mixed, after sweat-in. Continuous agitation of mixture during application is required, otherwise zinc dust will quickly settle out.

Do not tint.

HEALTH AND SAFETY
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.

DISCLAIMER
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