



**SHERWIN
WILLIAMS.**

Chemical Coatings

CC-A101

Shopcoat Primer

Gray E61AC82
Red Oxide E61RC21

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
<p>Shopcoat Primers are economical, fast drying primers offering field corrosion protection on iron and steel.</p> <p>Advantages:</p> <ul style="list-style-type: none"> • Fast drying • Fast recoat with aliphatic solvent alkyd enamels • Apply by spray or dip • Free of lead hazards as packaged in compliance with Consumer Product Safety Commission's (CPSC) 16 CFR Chapter II: Subchapter B, part 1303 	<p>Gloss: Flat</p> <p>Volume Solids: 39 ± 2% may vary by color</p> <p>Viscosity: 40-55 seconds #4 Ford Cup 45-75 seconds #2 Zahn Cup</p> <p>Recommended film thickness: Mils Wet 2.7 - 3.5 Mils Dry 1.0 - 1.25</p> <p>Spreading Rate (no application loss): 474-658 sq. ft./gal @ 1.0-1.25 mils DFT unreduced</p> <p>Drying (1.25 mils dft, 77°F, 50% RH): To Touch: 5-10 minutes To Handle: 10-15 minutes Tack Free: 15-30 minutes To Recoat: 30 minutes</p> <p>Flash Point: 50°F Pensky-Martens Closed Cup</p> <p>Package Life: 2 years, unopened</p> <p>Air Quality Data: Non-photochemically reactive Volatile Organic Compounds (VOC) as packaged 3.8 lb/gal, 456 g/L Reduced 25% with Mineral Spirits: 4.35 lb/gal, 522 g/L</p> <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility.</p>	<p>General: Substrate should be free of grease, oil, dirt, fingerprints, drawing compounds, any contamination, and surface passivation treatments to ensure optimum adhesion and coating performance properties. Consult Metal Preparation Brochure CC-T1 for additional details.</p> <p>Aluminum: If untreated, prime with Industrial Wash Primer, P60G2, or Kem Aqua Wash Primer, E61G520.</p> <p>Galvanized Steel: If untreated, prime with Industrial Wash Primer, P60G2, or Kem Aqua Wash Primer, E61G520.</p> <p>Steel or Iron: Remove rust, mill scale, and oxidation products. For best results, treat the surface with a proprietary surface chemical treatment of zinc or iron phosphate to improve corrosion protection.</p> <p>Testing: Due to the wide variety of substrates, surface preparation methods, and application methods and environments, the customer should test the complete system for adhesion and compatibility prior to full scale application.</p>

APPLICATION

Typical Setup

Reducer VM&P Naphtha, R1K3,
or Mineral Spirits, R1K4
Reduction as needed up to 25%

Airless Spray:

Pressure 2000-2500 psi
Tip017" - .019"

Dip: (small dip tanks only)

Reducer 4:1 blend
Mineral Spirits, R1K4, and Hi-Flash
Naphtha, R2K5

Reduction 10-20%

Designed for small dip tanks. Tank maintenance, including agitation, turnover rate, viscosity control, and stability are required for trouble-free operation.

May also be applied by:

Conventional
HVLP
Air-Assisted Airless
Electrostatic

Cleanup:

Clean tools/equipment immediately after use with Hi Flash Naphtha 100, R2K5 or Mineral Spirits, R1K4.

Follow manufacturer's safety recommendations when using any solvent.

SPECIFICATIONS

Product Limitations:

- A minimum of 1.0 mil dft is required. Films of 1.25-1.75 mils offer optimum corrosion protection.
- Do not topcoat with lacquers, polyurethanes, epoxies or alkyds containing strong solvents (Xylene, Toluene, MEK, etc.)
- This primer may exhibit lifting or have a critical recoat when topcoated with alkyds containing strong solvents (Xylene, Toluene, MEK, etc.) User should test for intercoat adhesion and lifting.

CAUTIONS

FOR INDUSTRIAL SHOP APPLICATION

Thoroughly review product label for safety and cautions prior to using this product. A Material Safety Data Sheet is available from your local Sherwin-Williams facility. Please direct any questions or comments to your local Sherwin-Williams facility.

Note: Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, The Sherwin-Williams Company cannot make any warranties as to the end result.