ALKYD FABRICATION METAL PRIMER V140

Features

- Excellent Wetting Properties for maximum penetration
- Dries in 2 hours; recoat in 8 hours
- Corrosion-inhibiting formula protects against rust
- Designed for structural steel, railings, and shopcoat applications
- Suitable For Use in USDA Inspected Facilities

Recommended For

Ferrous Metal such as Steel & Iron. Corotech® Alkyd Fabrication Metal Primer is designed for Structural Steel, Railings and Shopcoat Applications.

General Description

Alkyd Fabrication Primer is formulated for use in mild-to-moderate exposures. Its excellent wetting properties allow application to marginally prepared surfaces. Formulated to inhibit corrosion, this primer provides years of protection when applied properly. It can be top coated with most finishes that do not contain strong solvents.

Limitations

- Not recommended for galvanized metals.
- Do not apply if material, substrate or ambient temperature is below 50 °F (10 °C).
- Relative humidity should be below 90%. Do not apply if within 5 degrees of dew point or if rain is expected within 12 hours of application.
- Do not topcoat with products such as epoxies or urethanes containing aromatic or oxygenated solvents.

Certification & Qualifications:

The products supported by this data sheet contain a maximum of 340 grams per liter VOC / VOS (2.83 lbs./gal.) excluding water and exempt solvents.

Master Painters Institute MPI # 79. V140-20 meets performance requirements of TT-P-86 (Type III), TT-P-645, TT-P-636

Suitable For Use In USDA Inspected Facilities

SSPC Paint # 25

Product Information

Colors — Standard:
White (01), Red (20), Gray (70)
Can be tinted with up to 2.0 fl. oz. of IM colorants per gallon

— Tint Bases:
N/A

— Special Colors:
Contact your retailer.

Certification & Qualifications:

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Suitable For Use In USDA Inspected Facilities

SSPC Paint # 25

Technical Data:

<table>
<thead>
<tr>
<th>Technical Data</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle Type</td>
<td>Alkyd</td>
</tr>
<tr>
<td>Pigment Type</td>
<td>Titanium Dioxide</td>
</tr>
<tr>
<td>Volume Solids</td>
<td>57 ± 1.0%</td>
</tr>
<tr>
<td>Coverage per Gallon at Recommended Film Thickness</td>
<td>430 – 500 Sq. Ft.</td>
</tr>
<tr>
<td>Recommended Film Thickness — Wet</td>
<td>3.2 – 3.7 mils</td>
</tr>
<tr>
<td>— Dry</td>
<td>1.8 – 2.1 mils</td>
</tr>
<tr>
<td>Dry Time @ 77 °F (25 °C) @ 50% RH — To Touch</td>
<td>2 Hours</td>
</tr>
<tr>
<td>— To Recoat</td>
<td>8 Hours</td>
</tr>
<tr>
<td>— Full Cure</td>
<td>7 Days</td>
</tr>
<tr>
<td>Dries By</td>
<td>Oxidation</td>
</tr>
<tr>
<td>Viscosity</td>
<td>80 – 90 KU</td>
</tr>
<tr>
<td>Flash Point</td>
<td>102° F or greater (TT-P-141, Method 4293)</td>
</tr>
<tr>
<td>Gloss/Sheen</td>
<td>0 – 10 @ 60°</td>
</tr>
<tr>
<td>Surface Temperature at Application — Min.</td>
<td>50 °F</td>
</tr>
<tr>
<td>— Max.</td>
<td>90 °F</td>
</tr>
<tr>
<td>Thin With</td>
<td>Not Recommended</td>
</tr>
<tr>
<td>Clean Up Thinner</td>
<td>Mineral Spirits</td>
</tr>
<tr>
<td>Weight Per Gallon</td>
<td>12.2 lbs.</td>
</tr>
<tr>
<td>Storage Temperature — Min.</td>
<td>45 °F</td>
</tr>
<tr>
<td>— Max.</td>
<td>90 °F</td>
</tr>
</tbody>
</table>

Volatile Organic Compounds (VOC)

329 Grams/Liter 2.74 Lbs./Gallon

◊ Reported values are for White. Contact retailer for values of other bases or colors.

Technical Assistance:

Available through your local authorized independent Benjamin Moore® retailer. For the location of the retailer nearest you, call 1-866-708-9180, or visit www.benjaminmoore.com

Benjamin Moore & Co., 101 Paragon Drive, Montvale, NJ 07645 Tel: 866-708-9180 Fax: 888-248-2143 www.benjaminmoore.com M72 V140 EN 073118
Surface Preparation

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, mill scale, form release agents, curing compounds, loose and flaking paint and other surface contaminants.

NEW SURFACES: Steel: For best results, abrasive blast to a commercial blast (SSPC-SP 6). For mild conditions, a hand or power tool cleaning (SSPC-SP 2) may be satisfactory, but performance is dependent upon the degree of surface preparation.

Previously Painted Surfaces: Wash and rinse any areas that may have oil or grease residue. Dull glossy surfaces by lightly sanding. Remove sanding dust. Remove loose paint. All areas that are rusting, blistering, cracking or peeling must be cleaned to bare metal. If more than 25% of the surface is involved, sandblast the entire surface to a commercial blast and prime. If less than 25% of the surface is involved, clean soiled areas and spot prime.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application

Mix the product thoroughly before application. The use of a drill mixer at low speed will best accomplish this. Spray application only.

Airless Spray: Tip range between .013 and .017. Total fluid output pressure at tip should not be less than 2200 psi.

Air Spray (Pressure Pot): DeVilbis MBC or JGA gun, with 704 or 765 air cap and Fluid Tip E.

If necessary, small areas can be brushed or rolled using a 3/8” lamb’s wool or 1/4” - 1/2” synthetic roller cover. Roll in one direction, rewet, then cross roll.

NOTE: Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with recommended thinner. No reduction is necessary. Do not apply if material, substrate or ambient temperature is below 50° F (10° C). Relative humidity should be below 90%. Do not apply if within 5 degrees of dew point or if rain is expected within 12 hours of application.

Clean Up

Clean with Mineral Spirits.

Environmental Health & Safety Information

DANGER

May cause an allergic skin reaction

May cause cancer

Causes damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Flammable liquid and vapor

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. Do not breathe dust/ume/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Keep away from heat/sparks/open flames/hot surfaces, no smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Response: If exposed or concerned get medical attention. If skin irritation or rash occurs get medical attention. Wash contaminated clothing. Rinse skin with water. If swallowed immediately call a POISON CENTER or physician. Do NOT induce vomiting. In case of fire use CO2, dry chemical, or foam for extinction.

Storage: Store locked up. Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container to an approved waste disposal plant.

DANGER – Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

WARNING Cancer and Reproductive Harm—www.P65warnings.ca.gov

This document represents hazards of the product referenced above. Refer to the individual Safety Data Sheet for hazards of the specific product you will be using.

KEEP OUT OF REACH OF CHILDREN FOR PROFESSIONAL USE ONLY

Refer to Safety Data Sheet for additional health and safety information.