UNIVERSAL METAL PRIMER CV131

Features
- High solids content
- Quick drying; can be recoated in 4 hours
- Ideal for use in metal shops and industrial maintenance
- Can be top coated with strong, solvent-based coatings
- Can be applied with electrostatic sprayers (once the product is polarized)
- Suitable for use in USDA Inspected Facilities

General Description
Universal Metal Primer is a high-performance, one-component, quick-dry, rust-inhibitive metal primer, formulated for use on ferrous metal substrates. The phenolic alkyd resin formulation allows for a wide variety of intermediate and finish coats. The quick dry and recoat times allow for fast turn-around of production work. The barrier protection that this product provides, as well as the rust inhibitive pigmentation, leaves a film that prevents corrosion for many years. Additionally, this product may be used as a tie coat over existing coatings that will be finished with a high performance coating. It provides corrosion resistance for both interior and exterior steel surfaces.

Recommended For
Ferrous Metal such as Steel & Iron. Corotech® Universal Metal Primer is designed for shop application in the General Metal Finishing / Fabrication market as well as the Industrial Maintenance market.

Limitations
- Not recommended for non-ferrous metals such as galvanized, aluminum or for use in immersion service.
- 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.

Product Information

Colors — Standard:
White (01), Red (20), Gray (70)

— Tint Bases:
Do not tint.

— Special Colors:
Contact your retailer.

Certification & Qualifications:
The products supported by this data sheet contain a maximum of 250 grams per liter VOC / VOS (2.09 lbs. /gal.) excluding water and exempt solvents.

Vehicle Type Phenolic Alkyd
Pigment Type Titanium Dioxide
Volume Solids 50.7 ± 2.0%
Coverage per Gallon at Recommended Film Thickness 370 – 450 Sq. Ft.
Recommended Film Thickness
- Wet 3.5 – 4.3 mils
- Dry 1.8 – 2.3 mils
Depending on surface texture and porosity.
Dry Time @ 77 °F (25 °C) @ 50% RH
- To Touch 30 Minutes
- To Recoat 4 Hours
- Cure Time 7 Days
High humidity and cool temperatures will result in longer dry, recoat and service times.
Dries By Oxidation
Viscosity 70 – 75 KU
Flash Point 50 °F (TT-P-141, Method 4293)
Gloss/Sheen 0 – 3 @ 60°
Surface Temperature at Application
- Min. 50 °F
- Max. 90 °F
Thin With Not Recommended
Clean Up Thinner Corotech® V703 or Xylene
Weight Per Gallon 12.9 lbs.
Storage Temperature
- Min. 40 °F
- Max. 95 °F

Volatile Organic Compounds (VOC)
245.3 Grams/Liter 2.05 Lbs./Gallon

◊ Reported values are for White
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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-mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Informational Hotline at 1-800-424-mop.

Clean Up

Clean with Corotech® V703 or Xylene.

Environmental Health & Safety Information

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.

FOR PROFESSIONAL USE ONLY

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