CC-M10

Formerly TT-P-664D

(TT-P-664D Replaced with SSPC-Paint 25)

Rust Inhibiting and Lacquer Resistant Primer

Red E90RC38

DESCRIPTION

E90RC38 is a quick drying, high solids corrosion inhibiting, alkyd primer designed for use on ferrous and non-ferrous metals. The primer is lead and chromate free and contains no more than 3.5 pounds per gallon of volatile organic compounds (VOC) as applied.

Advantages:

- Rapid air dry
- Excellent water and hydrocarbon resistance
- Lacquer resistant
- Corrosion inhibiting
- Low emissions
- Lead and chromate free

CHARACTERISTICS

Gloss: 5-15 (60°)
Volume Solids: 59.37 ± 2%
Viscosity: 75-105 Krebs Units
Recommended film thickness:
Mils Wet 1.7-2.5
Mils Dry 1.0-1.5
Spreading Rate (no application loss)
613-983 sq ft/gal @ 1.0-1.5 mils DFT
Drying (1.0 mils dft, 77°F, 50% RH):
Set To Touch: 10 minutes maximum
Dry Hard: 45 minutes maximum
Through: 4 hours
Flash Point: 75°F Pensky-Martens Closed Cup
Package Life: 2 years, inside storage

Air Quality Data:
Photochemically reactive
Volatile Organic Compounds (VOC)
as packaged, maximum
2.8 lb/gal, 336 g/L
reduce up to 22% by volume for
VOC<3.5 lb/gal, 420 g/l

An Environmental Data Sheet is available from your local Sherwin-Williams facility.

SPECIFICATIONS

Steel: Surface must be clean and free of grease, dirt, oil, rust, fingerprints, and other contaminants to insure optimum adhesion and performance properties. Chemical pretreatment, zinc phosphate or DOD-P- 15328D wash primer, E90G4, gives best adhesion and performance results. Where blasting is appropriate, blast in accordance with SSPC-SP6. For optimum adhesion pretreat blasted surface immediately. Prime with wash primer E90G4 within two hours after blasting.
Aluminum: Clean with acidic cleaner or other appropriate cleaner depending on contamination. Pretreat with chromate conversion coating MIL-DTL-5541F, wash primer DOD-P-15328D, E90G4, or anodize per MIL-A-8625F.
Galvanized and other metals: Clean and remove oxidation contamination on surface, followed by treatment with DOD-P-15328D wash primer, E90G4. Due to the variability in these surface, testing adhesion on each situation is recommended.

Testing: Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion and compatibility prior to full scale application.

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APPLICATION

Typical Setups

Reduction: Use TT-T-306C, R91K305; or blend VM&P Naphtha 60% by volume, Toluene 10% by volume, N-Butyl Alcohol 20% by volume and Isobutyl Isoburyrates 10% by volume; Xylene may be used where regulations permit.

May be applied by:

Conventional Spray
Airless Spray
Air Assisted Airless
HVLP

Please consult with your Sherwin-Williams sales representative for proper settings for your spray equipment.

Cleanup:

Clean tools/equipment immediately after use with MEK, MIBK, MAK, n-Butyl Acetate, or any or other epoxy thinners, such as MIL-T-81772, Type II Thinner, R91K210 or TT-T-306.
Follow manufacturer's safety recommendations when using any solvent.

SPECIFICATIONS

Product Limitations:

- Surface preparation is important for performance.
- For good adhesion, parts primed need to air dry a minimum of 2 hours before topcoating. On the other hand, if parts have been primed for longer than one day, they must be sanded or recoated with a mist coat before topcoating for good adhesion.

Performance Properties:

Meets all the performance properties of TT-P-664D and SSPC-Paint 25.

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.

CAUTIONS

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.

LABEL CAUTIONS

SEE CONTENTS STATEMENT ON LABEL.
Contents are FLAMMABLE. Vapors may cause flash fires. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.
VAPOR HARMFUL. Use only with adequate ventilation. Wear an appropriate properly fitted vapor/particulate respirator (NIOSH approved) during and after application, unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use.
Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.
FIRST AID: If INHALED: If affected, remove from exposure. Restore breathing, Keep warm and quiet. If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention. If SWALLOWED: Call Poison Control Center, hospital emergency room, or physician immediately.
SPILL AND WASTE: Remove all sources of ignition. Ventilate and remove with inert absorbent. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.
DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.
Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.
Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure.
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.
FOR INDUSTRIAL USE ONLY.
SEE MATERIAL SAFETY DATA SHEET. 22214-051905.