SHERWIN WILLIAMS

Formerly TT-P-664D

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 compound (VOC*) as applied.

Advantages:

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

*VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations

CHARACTERISTICS

Gloss: 5-15 units (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 (2.0 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:
Non-photochemically reactive
Volatile Organic Compounds (VOC)
As packaged, maximum
2.8 lb/gal, 336 g/L
Reduced up to 22% by volume for application
VOC< 3.5 lb/gal 420 g/l

An Environmental Data Sheet is available from your local Sherwin-Williams facility or at www.paintdocs.com
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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-15328 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-5541, wash primer DOD-P-15328 (E90G4), or anodize per MIL-A-8625..
Galvanized and other metals: Clean and remove oxidation contamination on surface, followed by treatment with DOD-P-15328 wash primer (E90G4). Due to the variability in these surfaces, testing adhesion on each situation is recommended.

Testing: The information, data, and recommendations set forth in this Product Data Sheet are based upon test results believed to be reliable. However, due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.

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APPLICATION

Typical Setups

Reduction: Use TT-T-306, R91K305 or a blend of VM&P Naphtha, 60% by volume, Toluene, 10% by volume, N-Butyl Alcohol 20% by volume and Isobutyl Isoburyrates 10% by volume. Xylene may also 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 other epoxy thinners such as Mil-T-87112, 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.
- Parts that have been primed more than 24 hours must be sanded and recoated with a mist coat of primer before topcoating for good adhesion

CAUTIONS

FOR INDUSTRIAL SHOP APPLICATION ONLY

Thoroughly review product label and Safety Data Sheet (SDS) for safety information and cautions prior to using this product.

To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit your local Sherwin-Williams facility or www.paintdocs.com.

Please direct any questions or comments to your local Sherwin-Williams facility

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