



Product Finishes

CC-M13

MIL-C-8514C Wash Primer

Transparent Green (Component A)..... E90G16
Catalyst (Component B)..... V93V17

DESCRIPTION	CHARACTERISTICS	SPECIFICATIONS
<p>E90G16/V93V17 is a two component, pretreatment wash primer for use on clean metal surfaces of all types as a treatment prior to application of the coating system. This product meets the performance requirements of MIL-C-8514C</p> <p>Advantages:</p> <ul style="list-style-type: none"> • Increase adhesion of topcoat • Fast dry <p>This product meets the requirements of TT-C-490 Type III. The purpose of this product is to increase the adhesion of the coating system to the metal.</p> <p>Air Quality Data: Non-photochemically reactive Volatile Organic Compounds (VOC)* E90G16 as packaged, maximum 5.91 lb/gal, 709 g/L V93V17 as packaged, maximum 5.94 lb/gal, 712 g/L catalyzed and reduced as above 6.2 lb/gal, 744 g/L</p> <p>*VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations.</p> <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility or at www.paintdocs.com</p>	<p>Gloss: 30 units max (60°)</p> <p>Volume Solids: E90G16: 10% V93V17: 7% Admixed: 9%</p> <p>Weight per Gallon: E90G16: 7.2-7.4 lb/gal V93V17: 7.4-7.6 lb/gal</p> <p>Viscosity: (Typical) E90G16: 57-77 Krebs Units V93V17: 10 seconds #4 Ford Admixed: 20 seconds #4 Ford</p> <p>Recommended film thickness: Mils Wet 1.9 - 3.8 Mils Dry 0.3 - 0.5</p> <p>Spreading Rate (no application loss) 288-481 sq ft/gal @ 0.3-0.5 mils DFT</p> <p>Drying (1.0 mils DFT, 77°F, 50% RH): Set to Touch: 15 minutes Though Dry: 30 minutes To Recoat: After 15 minutes and before 24 hours Force Dry: Do not force dry</p> <p>Flash Point: 65°F Pensky-Martens Closed Cup</p> <p>Mixing Ratio: by volume 4 part E90G16 1 part V93V17</p> <p>Component A must be placed on a paint shaker. Component B must be slowly added to Component A under mix. Up to 3 quarts of isopropyl alcohol are normally added to five quarts total, Component A and B. The mixed material should be agitated during use. This material should only be mixed at temperature ranges of 60-85 F. Gelling of the material may occur if the Component B is added quickly or without mixing.</p> <p>Induction Time: 15 minutes Pot Life: 8 hours at room temperature. Higher temperature will shorten pot life.</p> <p>Package Life: 1 year, inside storage</p>	<p>Steel: Surface must be clean and free of grease, dirt, oil, rust, fingerprints, and other contaminants to insure optimum adhesion and performance properties. Where blasting is appropriate, blast in accordance with SSPC-SP6. Prime with wash primer E90G16 within two hours after blasting.</p> <p>Aluminum: Clean with acidic cleaner or other appropriate cleaner depending on contamination.</p> <p>Galvanized and other metals: Clean and remove oxidation contamination on surface, followed by treatment with E90G16. Due to the variability in these surface, testing adhesion on each situation is recommended.</p> <p>Note: See MIL-DTL-53072 or TT-C-490 for details</p> <p>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.</p>

APPLICATION

Typical Setups

Reduction: Reduce with Isopropyl Alcohol.

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 Isopropyl Alcohol.

Follow manufacturer's safety recommendations when using any solvent.

SPECIFICATIONS

Product Limitations:

- This product must be properly mixed (catalyzed) before using. (See mixing instructions for details)
- Surface preparation is important for performance
- This product may be primed as short as 15 minutes after application. However, if this product has not been primer within 24 hours, this product should be removed by blasting and reapplied. It is best to apply the primer as soon as the product is dry to touch (15 minutes).

Performance Properties:

Meets all the performance properties of Mil-C-8514C

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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