



Moisture Cure Zinc Rich Primer MIL-PRF-32550 Type I, Form A, Class S

Primer.....E90GC101
PrimerE90GC101A

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>				
<p>Moisture Cure Zinc Rich Primer E90GC101 is designed for excellent corrosion protection on steel substrates. This product is formulated to meet the corrosion requirements of MIL-PRF-32550 and MIL-DTL-53072. This product may be used with Chemical Agent Resistant Coatings (CARC)*.</p> <p>Advantages:</p> <ul style="list-style-type: none">• Single component• Excellent corrosion protection• 2.8 lb/gal VOC max** <p>*Use of this product with chemical agent resistant coatings (CARC) must be approved by the contracting officer.</p> <p>The following MIL-PRF-32550, Type I products are approved by the U.S. Army Research Lab, Aberdeen Proving Grounds, Aberdeen, MD.</p> <table><tr><td>Sherwin-Williams</td><td>QPD</td></tr><tr><td>E90GC101</td><td>Q2249</td></tr></table>	Sherwin-Williams	QPD	E90GC101	Q2249	<p>Volume Solids (Typical): 66-68%</p> <p>Viscosity (Typical): 14-20 #4 Zahn 95-115 Krebs Units</p> <p>Recommended film thickness: Mils Wet: 3.8 - 5.3 mils Mils Dry 2.5 - 3.5 mils</p> <p>Spreading Rate 1074 sq ft/gal @ 1.0 mils DFT</p> <p>Drying (77°F, 50% RH, @ 3 mils DFT): To Touch: 20 minutes To Recoat: 4-6 hours To Cure: 3 days</p> <p>Flash Point: 46°F Pensky Martens Closed Cup</p> <p>Pot Life: Unlimited if kept from moisture</p> <p>Package Life: 6 months, inside storage</p> <p>Air Quality Data: Photochemically reactive Volatile Organic Compounds (VOC) less exempt solvents as packaged, maximum 2.8 lb/gal, 336 g/L</p>	<p>CLEANING & PRETREATMENTS Follow the most current revisions of MIL-DTL-53072 and/or TT-C-490 for required cleaning and pretreatment application before coating.</p> <p>Minimum recommended surface preparation:</p> <p>Iron and steel: SSPC-SP10/NACE No.2.</p> <p>Note: See the current MIL-DTL-53072 for complete details regarding substrate preparation, coatings, and application.</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>
Sherwin-Williams	QPD					
E90GC101	Q2249					

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

An Environmental Data Sheet is available from your local Sherwin-Williams facility or at www.paintdocs.com.

APPLICATION

Typical Setups

For application and usage guidelines, please contact your local Sherwin-Williams representative.

To Reduce, use MIL-T-81772 Type I (R91K20) or Type II (R91K210).

Cleanup:

Clean tools/equipment immediately after use with Aromatic 100, R91KC1. Other urethane thinners may be used.

Follow manufacturer's safety recommendations when using any solvent.

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SPECIFICATIONS

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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