



# ZINC RICH POLYAMIDE EPOXY PRIMER

UCF A811 (Part A)  
UZF A812 (Part B)

DESCRIPTION																									
<p>A two component polyamide epoxy zinc-rich Primer. It provides excellent anticorrosive properties through cathodic protection; the hard and tough film provides good water and chemical resistance. For light and moderate corrosive atmospheric exposure.</p>																									
RECOMMENDED USES																									
<p>For use over properly prepared substrate such as steel, galvanized steel, in areas exposed to fresh and salt water, areas exposed to chemical fumes, like barges, ships, fabrication shops, chemical plants, refineries, drilling rigs, water treatment plants, offshore platform. For online application on Shipping Containers.</p>																									
CHARACTERISTICS																									
<p><b>Color:</b> Grey  <b>Finish:</b> Flat  <b>Volume Solid:</b> 64 ± 2 % (catalyzed)  <b>Specific Gravity:</b> 2.4 KGs / ltr  <b>Recommended DFT:</b> 40 - 75 Microns / coat  <b>Spreading Rate@DFT:</b> 8.53 – 16 m<sup>2</sup> / ltr or 32.28 – 60.56 m<sup>2</sup> / US gallon  <b>Flash Point:</b> 27 °C PMCC mixed  <b>Dry Heat Resistance:</b> 150 °C (continuous) For intermittent 190 °C  <b>Mix Ratio Premeasured:</b> 4:1 by volume  <b>Pack Size:</b> Part A (8 liters) &amp; Part B (2 liters)  <b>Sweat-in Time:</b> 30 Minutes at 25 °C after mixing both parts  <b>Drying Schedule:</b> @ 25 °C/R.H.50  <b>Dry to Touch:</b> 30 Minutes  <b>To Handle:</b> 1 Hour  <b>To Recoat:</b> Min. 4 Hours  Max. Several Months.  <b>To Cure:</b> 10 Days  <b>Pot Life:</b> 6 hours @ 25 °C. Varies with temperature  <b>Shelf Life:</b> 18 months, unopened at 25 °C  <b>Reducer/Clean Up:</b> Epoxy Reducer YTF – K098</p>	<p><b>(II) Galvanized Steel</b> – Allow to weather for a minimum of 6 months prior to coating. When weathering is not possible or the surface has been treated with chromate's or silicates after solvent cleaning apply test patch, allow coating to dry before testing adhesion, if adhesion is poor brush blast per SSPC-SP7 "Sa 1" is necessary to remove these treatments. Rusty galvanized surfaces require a minimum of "Hand Tool Cleaning" per SSPC-SP 2 "St 2" method. Prime the area same day as cleaned or before flash rusting occurs.</p> <p><b>Conventional Spray:</b> Reduce 12% with epoxy reducer  <b>Airless Spray:</b> Reduce as required for suitable spray  <b>Brush/Roller:</b> Reduction not recommended</p> <p>On mixing all the components continuous agitation is required.</p>																								
SYSTEM RECOMMENDATION																									
<p><b>Iron and Steel (Self Primer) Atmospheric Exposure:</b></p> <table border="1"> <tr> <td>Zinc Rich Polyamide</td> <td>1 Coat</td> <td>40 - 75 Microns DFT</td> </tr> <tr> <td>Epoxy Primer</td> <td></td> <td></td> </tr> </table> <p><b>Steel, Zinc Rich Primer:</b></p> <table border="1"> <tr> <td>Zinc Rich Polyamide</td> <td>1 Coat</td> <td>40 - 75 Microns DFT</td> </tr> <tr> <td>Epoxy Primer</td> <td></td> <td></td> </tr> <tr> <td>Heavy Duty Epoxy</td> <td>1- 2 Coats</td> <td>150 Microns DFT</td> </tr> </table> <p><b>Aluminum and Galvanized Steel:</b></p> <table border="1"> <tr> <td>Zinc Rich Polyamide</td> <td>1 Coat</td> <td>40 - 75 Microns DFT</td> </tr> <tr> <td>Epoxy Primer</td> <td></td> <td></td> </tr> <tr> <td>Heavy Duty Epoxy</td> <td>2 Coats</td> <td>150 Microns DFT per coat</td> </tr> </table> <p>*For further information on recommended products please refer to Sherwin Williams Saudi Arabia Painting &amp; Coatings System Guide.</p> <p>**For further information on surface preparation methods and application procedures please refer to Sherwin Williams Saudi Arabia Surface Preparation bulletin.</p>		Zinc Rich Polyamide	1 Coat	40 - 75 Microns DFT	Epoxy Primer			Zinc Rich Polyamide	1 Coat	40 - 75 Microns DFT	Epoxy Primer			Heavy Duty Epoxy	1- 2 Coats	150 Microns DFT	Zinc Rich Polyamide	1 Coat	40 - 75 Microns DFT	Epoxy Primer			Heavy Duty Epoxy	2 Coats	150 Microns DFT per coat
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SPECIAL TIPS																									
<p>Do not apply the material beyond recommended pot life. Do not mix previously catalyzed material with new. Excessive reduction of material can affect the film build, appearance, and adhesion. Any further specific technical information can be obtained from SWSA if you email <a href="mailto:ask@sherwinwilliams.ae">ask@sherwinwilliams.ae</a></p>																									
APPLICATION PROCEDURES																									
<p><b>Surface Preparation:</b> Zinc Rich coatings require direct contact between Zinc pigment and in the coating and the metal substrate for optimum performance. Surface must be dry, clean and in sound condition. Remove oil, dust, dirt, millscale or other foreign substance to ensure good adhesion. Minimum surface preparation methods to be followed for (I) Iron and Steel (Atmospheric Service) – "Commercial Blast Cleaning" SSPC-SP6"Sa 2". For better performance use "Near White Blast Cleaning" SSPC-SP10 "Sa 2-1/2" surface profile 2 mil (50 Microns).</p>																									
SAFETY PRECAUTIONS																									
<p>Spray under well-ventilated conditions. Do not breathe or inhale mist. When spraying, wear air mask. Avoid skin contact. Spillage on skin should immediately be removed with suitable cleanser, soap and water. Eyes should be flushed with water and medical attention sought immediately.</p>																									