



# ZINC CHROMATE PRIMER

PHF – Y846

DESCRIPTION	SYSTEM RECOMMENDATION																								
<p>Alkyd based anticorrosive zinc chromate metal primer designed for interior/exterior priming of metal. It provides a sprayable, fast drying and easy to sand smooth surface.</p>	<p><b>Iron and Steel:</b></p> <table border="0"> <tr> <td>Zinc Chromate Primer</td> <td>1 Coat</td> <td>50 Microns DFT</td> </tr> <tr> <td>Recommended Topcoats</td> <td>2 Coats</td> <td>As Recommended</td> </tr> </table>	Zinc Chromate Primer	1 Coat	50 Microns DFT	Recommended Topcoats	2 Coats	As Recommended																		
Zinc Chromate Primer	1 Coat	50 Microns DFT																							
Recommended Topcoats	2 Coats	As Recommended																							
RECOMMENDED USES	<p><b>Aluminum and Galvanized Metal:</b></p> <table border="0"> <tr> <td>Zinc Chromate Primer</td> <td>1 Coat</td> <td>50 Microns DFT</td> </tr> <tr> <td>Aluminum Paint</td> <td>2 Coats</td> <td>25 Microns DFT per coat</td> </tr> </table> <p><b>Topcoats Recommended:</b></p> <ul style="list-style-type: none"> <li>• Industrial Enamel</li> <li>• Tile Clad II Epoxy</li> <li>• Heavy Duty Epoxy</li> <li>• Hi-Solids Catalyzed Epoxy</li> <li>• Hi-Mil Sher-Tar Epoxy</li> <li>• Sheracryl Acrylic Enamel (Gloss, Semigloss, Flat, Clear)</li> <li>• Alkyd Enamels (Gloss, Semigloss, Flat)</li> <li>• Hi-Build Aliphatic Polyurethane</li> </ul> <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 Chromate Primer	1 Coat	50 Microns DFT	Aluminum Paint	2 Coats	25 Microns DFT per coat																		
Zinc Chromate Primer	1 Coat	50 Microns DFT																							
Aluminum Paint	2 Coats	25 Microns DFT per coat																							
<p>For use over prepared steel, iron, aluminum, and galvanized metal.</p>																									
CHARACTERISTICS																									
<table border="0"> <tr> <td><b>Color:</b></td> <td>Yellow</td> </tr> <tr> <td><b>Finish:</b></td> <td>Matt</td> </tr> <tr> <td><b>Volume Solid:</b></td> <td>53% ± 1%</td> </tr> <tr> <td><b>Specific Gravity:</b></td> <td>1.29 KGs / ltr</td> </tr> <tr> <td><b>Recommended DFT:</b></td> <td>50 Microns</td> </tr> <tr> <td><b>Spreading Rate@DFT:</b></td> <td>10.60 m<sup>2</sup> / ltr or 40.12 m<sup>2</sup> / US gallon</td> </tr> <tr> <td><b>Flash Point:</b></td> <td>40 °C</td> </tr> <tr> <td><b>Drying Schedule:</b></td> <td><b>Dry to Touch:</b> 1 Hour</td> </tr> <tr> <td><b>@ 25 °C/R.H.50</b></td> <td><b>To Handle:</b> 24 Hours</td> </tr> <tr> <td></td> <td><b>To Recoat:</b> 24 Hours</td> </tr> <tr> <td><b>Shelf Life:</b></td> <td>18 months, unopened at 25 °C</td> </tr> <tr> <td><b>Reducer/Clean Up:</b></td> <td>Paint thinner YTF – K099</td> </tr> </table>	<b>Color:</b>	Yellow	<b>Finish:</b>	Matt	<b>Volume Solid:</b>	53% ± 1%	<b>Specific Gravity:</b>	1.29 KGs / ltr	<b>Recommended DFT:</b>	50 Microns	<b>Spreading Rate@DFT:</b>	10.60 m <sup>2</sup> / ltr or 40.12 m <sup>2</sup> / US gallon	<b>Flash Point:</b>	40 °C	<b>Drying Schedule:</b>	<b>Dry to Touch:</b> 1 Hour	<b>@ 25 °C/R.H.50</b>	<b>To Handle:</b> 24 Hours		<b>To Recoat:</b> 24 Hours	<b>Shelf Life:</b>	18 months, unopened at 25 °C	<b>Reducer/Clean Up:</b>	Paint thinner YTF – K099	
<b>Color:</b>	Yellow																								
<b>Finish:</b>	Matt																								
<b>Volume Solid:</b>	53% ± 1%																								
<b>Specific Gravity:</b>	1.29 KGs / ltr																								
<b>Recommended DFT:</b>	50 Microns																								
<b>Spreading Rate@DFT:</b>	10.60 m <sup>2</sup> / ltr or 40.12 m <sup>2</sup> / US gallon																								
<b>Flash Point:</b>	40 °C																								
<b>Drying Schedule:</b>	<b>Dry to Touch:</b> 1 Hour																								
<b>@ 25 °C/R.H.50</b>	<b>To Handle:</b> 24 Hours																								
	<b>To Recoat:</b> 24 Hours																								
<b>Shelf Life:</b>	18 months, unopened at 25 °C																								
<b>Reducer/Clean Up:</b>	Paint thinner YTF – K099																								
APPLICATION PROCEDURES	SPECIAL TIPS																								
<p><b>Surface Preparation:</b> 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 (1) Iron and Steel – SSPC-SP2 or SP3 (2) Aluminum and Galvanizing – SSPC-SP1. Allow weathering of new galvanized steel for six months prior to coating.</p>	<p>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>																								
<p><b>Application Methods:</b></p> <table border="0"> <tr> <td><b>Conventional Spray:</b></td> <td>Reduce up to 10% with paint thinner</td> </tr> <tr> <td><b>Airless Spray:</b></td> <td>Reduce up to 10% with paint thinner</td> </tr> <tr> <td><b>Brush</b></td> <td>Reduction not recommended</td> </tr> </table>	<b>Conventional Spray:</b>	Reduce up to 10% with paint thinner	<b>Airless Spray:</b>	Reduce up to 10% with paint thinner	<b>Brush</b>	Reduction not recommended	SAFETY PRECAUTIONS																		
<b>Conventional Spray:</b>	Reduce up to 10% with paint thinner																								
<b>Airless Spray:</b>	Reduce up to 10% with paint thinner																								
<b>Brush</b>	Reduction not recommended																								
	<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>																								