



# COAL TAR EPOXY C-200

UCF B419 (Part Y)

UZF V158 (Part Z)

DESCRIPTION	SYSTEM RECOMMENDATION												
<p>Coal Tar Epoxy C – 200 is a polyamide/epoxy coal tar coating formulated to provide excellent resistance to crude oil, fuel oil, chemicals, corrosion and sea water. It has a high performance high build protective coating which meets SSPC Paint 16-91T Specification.</p>	<p><b><u>Iron and Steel Atmospheric or Immersion:</u></b></p> <table border="0"> <tr> <td>Coal Tar Epoxy C200</td> <td>2 Coats</td> <td>400 Microns DFT per coat</td> </tr> </table>	Coal Tar Epoxy C200	2 Coats	400 Microns DFT per coat									
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RECOMMENDED USES	<p><b><u>Steel, Zinc Rich Primer:</u></b></p> <table border="0"> <tr> <td>Zinc Clad 7 Primer</td> <td>1 Coat</td> <td>50 Microns DFT</td> </tr> <tr> <td>Coal Tar Epoxy C200</td> <td>2 Coats</td> <td>400 Microns DFT per coat</td> </tr> </table> <p><b><u>Aluminum and Galvanized Metal:</u></b></p> <table border="0"> <tr> <td>Coal Tar Epoxy C200</td> <td>2 Coats</td> <td>400 Microns DFT per coat</td> </tr> </table> <p><b><u>Poured Concrete:</u></b></p> <table border="0"> <tr> <td>Coal Tar Epoxy C200</td> <td>2 Coats</td> <td>400 Microns DFT per coat</td> </tr> </table> <p><b><u>Previously Painted Surfaces:</u></b> Surfaces should be free from all foreign material. Old epoxy films must be brush blasted or scuff sanded prior to coating. Unknown old paint surface should be tested for lifting or peeling. If it does, clean to sound substrate and treat as new surface.</p> <p><b><u>Concrete &amp; Cement Floors:</u></b> All surfaces must be fully cured. Roughen the surface by sand blasting, shot blasting, mechanical scarification or suitable chemical means. Patch holes, cracks with an appropriate filler. The surface should be made free from moisture if any before application of the paint. Test the surface for moisture-free.</p> <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 Clad 7 Primer	1 Coat	50 Microns DFT	Coal Tar Epoxy C200	2 Coats	400 Microns DFT per coat	Coal Tar Epoxy C200	2 Coats	400 Microns DFT per coat	Coal Tar Epoxy C200	2 Coats	400 Microns DFT per coat
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CHARACTERISTICS													
<p><b>Color:</b> Black</p> <p><b>Finish:</b> Semigloss</p> <p><b>Volume Solid:</b> 77% ± 2% (catalyzed)</p> <p><b>Specific Gravity:</b> 1.31 KGs / ltr</p> <p><b>Recommended DFT:</b> 400 Microns</p> <p><b>Spreading Rate@DFT:</b> 1.90 m<sup>2</sup> / ltr or 7.20 m<sup>2</sup> / US gallon</p> <p><b>Flash Point:</b> 28 °C</p> <p><b>Mix Ratio:</b> 4 parts volume of Part Y and 1 part volume of Part Z</p> <p><b>Sweat-in Time:</b> 10 minutes at 25 °C after mixing both parts.</p> <p><b>Drying Schedule:</b>  <b>@ 25 °C/R.H.50</b>  <b>  Dry to Touch:</b> 8 -10 Hours  <b>  To Handle:</b> 4 Hours  <b>  To Recoat:</b> Min. 18 Hours  Max. 24 Hours  <b>  To Cure:</b> 7 - 10 Days</p> <p><b>Pot Life:</b> 2 hours @ 25 °C. Varies with temperature</p> <p><b>Shelf Life:</b> 18 months, unopened at 25 °C</p> <p><b>Reducer/Clean Up:</b> Epoxy Reducer YTF – K078</p>													
APPLICATION PROCEDURES	SPECIAL TIPS												
<p><b><u>Surface Preparation:</u></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-SP6 or SP5 (2) Aluminum and Galvanizing brush blast, 2 mil profile (3) Concrete and masonry should be cured, cleaned, dry, sound.</p> <p><b><u>Application Methods:</u></b></p> <p><b>Conventional Spray:</b> Reduce 10% with industrial reducer</p> <p><b>Airless Spray:</b> Reduce 10% with industrial reducer</p> <p><b>Brush/Roller:</b> Reduction not recommended</p>	<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>												
	SAFETY PRECAUTIONS												
	<p>Apply 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>												