



HEAVY DUTY EPOXY

UCF Series (Part C)

UZF V138 (Part D)

DESCRIPTION	SYSTEM RECOMMENDATION												
<p>Heavy Duty Epoxy is a two component epoxy polyamide enamel with high performance properties that provide good chemical, solvent, and corrosion resistance in various atmospheric exposures.</p>	<p>Iron and Steel (Epoxy Primer):</p> <table border="0"> <tr> <td>Anti Rust Metal Primer</td> <td>1 Coat</td> <td>30 Microns DFT</td> </tr> <tr> <td>or</td> <td></td> <td></td> </tr> <tr> <td>Tile Clad II Primer</td> <td>1 Coat</td> <td>100 Microns DFT</td> </tr> <tr> <td>Heavy Duty Epoxy</td> <td>2 Coats</td> <td>150 Microns DFT per coat</td> </tr> </table>	Anti Rust Metal Primer	1 Coat	30 Microns DFT	or			Tile Clad II Primer	1 Coat	100 Microns DFT	Heavy Duty Epoxy	2 Coats	150 Microns DFT per coat
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RECOMMENDED USES													
<p>For use over prepared substrate such as steel, aluminum, galvanizing, and masonry in industrial environments and maintenance areas. Suitable for offshore structures, industrial floors, storage tanks, refineries and power plants. Not intended for architectural application.</p>	<p>Steel, Zinc Rich Primer:</p> <table border="0"> <tr> <td>Zinc Clad 7 Primer</td> <td>1 Coat</td> <td>50 Microns DFT</td> </tr> <tr> <td>Heavy Duty Epoxy</td> <td>2 Coats</td> <td>150 Microns DFT per coat</td> </tr> </table>	Zinc Clad 7 Primer	1 Coat	50 Microns DFT	Heavy Duty Epoxy	2 Coats	150 Microns DFT per coat						
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CHARACTERISTICS	<p>Aluminum and Galvanized Steel (Self Prime):</p> <table border="0"> <tr> <td>Heavy Duty Epoxy</td> <td>2 Coats</td> <td>150 Microns DFT per coat</td> </tr> </table>	Heavy Duty Epoxy	2 Coats	150 Microns DFT per coat									
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<p>Color: Wide range of colors available Finish: Semigloss Volume Solid: 60% ± 2% (catalyzed) Specific Gravity: 1.43 KGs / ltr Recommended DFT: 150 Microns Spreading Rate@DFT: 4.0 m² / ltr or 15.10 m² / US gallon Flash Point: 29 °C Mix Ratio: 4 parts volume of Part C and 1 part volume of Part D Sweat-in Time: 30 minutes at 25 °C after mixing both parts. Drying Schedule: @ 25 °C/R.H.50 Dry to Touch: 1 Hour To Handle: 4 Hours To Recoat: Min. 6 Hours Max. 30 Days To Cure: 10 Days Pot Life: 5 hours @ 25 °C. Varies with temperature Shelf Life: 18 months, unopened at 25 °C Reducer/Clean Up: Epoxy Reducer YTF – K098</p>	<p>Aluminum and Galvanized Steel:</p> <table border="0"> <tr> <td>Wash Primer</td> <td>1 Coat</td> <td>7 Microns DFT</td> </tr> <tr> <td>Tile Clad II Primer</td> <td>1 Coat</td> <td>100 Microns DFT</td> </tr> <tr> <td>Heavy Duty Epoxy</td> <td>2 Coats</td> <td>150 Microns DFT per coat</td> </tr> </table> <p>Previously Painted Surfaces: 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>Concrete & Cement Floors: 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 & 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>	Wash Primer	1 Coat	7 Microns DFT	Tile Clad II Primer	1 Coat	100 Microns DFT	Heavy Duty Epoxy	2 Coats	150 Microns DFT per coat			
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APPLICATION PROCEDURES	SPECIAL TIPS												
<p>Surface Preparation: 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>Application Methods: Conventional Spray: Reduce 12% with epoxy reducer Airless Spray: Reduced as required for suitable spray Brush/Roller: 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 ask@sherwinwilliams.ae</p> <p>SAFETY PRECAUTIONS</p> <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>												