



POTABLE WATER EPOXY

UBF Series (Part A)

UZF V128 (Part B)

DESCRIPTION	SYSTEM RECOMMENDATION														
<p>Potable water epoxy is a protective coating that provides excellent corrosion, chemical and water resistance. It is a high performance high build coating, that meets FDA (Food & Drug Administration USA) regulation 21 CFR 175.300., NSF (National Sanitation Foundation USA) approved to Standard 61 for potable water (tanks of 1000 gallons and larger), Suitable for food stuff, grain cargo where the requirement is non-toxic, non-contamination, non-sticking coating. The product is a two components epoxy which forms a very hard, tough hygienic protective coating.</p>	<p>IMMERSION SERVICE:</p> <p>Potable Water Steel Tanks:</p> <table border="0"> <tr> <td>Potable Water Epoxy</td> <td>2 or 3 Coats</td> <td>125 -150 Microns DFT per coat</td> </tr> </table> <p>Potable Water Concrete Tanks:</p> <table border="0"> <tr> <td>Potable Water Epoxy</td> <td>2 or 3 Coats</td> <td>125 -150 Microns DFT per coat</td> </tr> </table> <p>OR</p> <table border="0"> <tr> <td>Kem Cati Coat Epoxy Filler/Sealer</td> <td>1 Coat</td> <td>150 -250 Microns DFT per coat</td> </tr> <tr> <td>Potable Water Epoxy</td> <td>2 Coats</td> <td>125 -150 Microns DFT per coat</td> </tr> </table>			Potable Water Epoxy	2 or 3 Coats	125 -150 Microns DFT per coat	Potable Water Epoxy	2 or 3 Coats	125 -150 Microns DFT per coat	Kem Cati Coat Epoxy Filler/Sealer	1 Coat	150 -250 Microns DFT per coat	Potable Water Epoxy	2 Coats	125 -150 Microns DFT per coat
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<p>RECOMMENDED USES</p>	<p>ATMOSPHERIC EXPOSURE:</p> <p>Potable water Steel Tank – Exterior:</p> <table border="0"> <tr> <td>Tile Clad II Primer</td> <td>1 Coat</td> <td>50 – 75 microns DFT</td> </tr> <tr> <td>Potable Water Epoxy</td> <td>1 Coat</td> <td>125 - 150 Microns DFT</td> </tr> <tr> <td>Hi-Build Aliphatic Polyurethane</td> <td>1 or 2 Coats</td> <td>40 – 75 Microns DFT per coat</td> </tr> </table> <p>Note: Prior to using the newly coated tanks, please ensure to fill the tank with fresh water first allow the water to remain inside for at least 1 day, same to be repeated for next day, on the third day thorough rinsing and flushing with clean water is required.</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>			Tile Clad II Primer	1 Coat	50 – 75 microns DFT	Potable Water Epoxy	1 Coat	125 - 150 Microns DFT	Hi-Build Aliphatic Polyurethane	1 or 2 Coats	40 – 75 Microns DFT per coat			
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<p>CHARACTERISTICS</p>	<p>Color: Wide range of colors available</p> <p>Finish: Semigloss</p> <p>Volume Solid: 65% ± 2% (catalyzed)</p> <p>Specific Gravity: 1.42 KGs / ltr</p> <p>Recommended DFT: 100 - 150 Microns</p> <p>Spreading Rate@DFT: 4.33 – 6.50 m² / ltr or 16.39 – 24.60 m² / US gallon</p> <p>Flash Point: 29 °C</p> <p>Mix Ratio: 4 parts volume of Part A and 1 part volume of Part B</p> <p>Sweat-in Time: 30 minutes at 25 °C after mixing both parts.</p> <p>Drying Schedule:</p> <table border="0"> <tr> <td>Dry to Touch:</td> <td>1 Hour</td> </tr> <tr> <td>To Handle:</td> <td>4 Hours</td> </tr> <tr> <td>To Recoat:</td> <td>Min. 12 Hours Max. 60 Days</td> </tr> <tr> <td>To Cure:</td> <td>10 Days</td> </tr> </table> <p>Pot Life: 5 hours @ 25 °C. Varies with temperature</p> <p>Shelf Life: 18 months, unopened at 25 °C</p> <p>Reducer/Clean Up: Epoxy Reducer YTF – K098</p>			Dry to Touch:	1 Hour	To Handle:	4 Hours	To Recoat:	Min. 12 Hours Max. 60 Days	To Cure:	10 Days				
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<p>APPLICATION PROCEDURES</p>	<p>SPECIAL TIPS</p>														
<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-SP5 or SP10 (2) New poured concrete should be cured for 28 days at 25 °C and cleaned as per ASTM D4260. Old concrete should be clean as per ASTM D4258.</p> <p>Application Methods:</p> <table border="0"> <tr> <td>Conventional Spray:</td> <td>Reduce 10% with epoxy reducer</td> </tr> <tr> <td>Airless Spray:</td> <td>Reduced as required for suitable spray</td> </tr> <tr> <td>Brush/Roller:</td> <td>Reduction not recommended</td> </tr> </table>	Conventional Spray:	Reduce 10% with epoxy reducer	Airless Spray:	Reduced as required for suitable spray	Brush/Roller:	Reduction not recommended	<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>								
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