



SOLVENT FREE EPOXY

UYF Series (Part A)
 UZF V807 (Part B)
 UZF V808 (Part B Fast)

DESCRIPTION	CHARACTERISTICS
<p>Solvent Free Epoxy is a 100% solids two component epoxy, for high performance corrosion control system, seamless, hygienic surface which is extremely hard wearing and durable. The coating is self priming resistant to chemicals and sea water. Thick coats can be applied, as it works as high build primer, intermediate or top coat where architectural appearance is of less importance.</p>	<p>Color: Wide range of colors available Finish: Glossy Volume Solid: 100% Specific Gravity: 2.2 KGs / ltr (Catalyzed) Recommended DFT: 250 Microns Spreading Rate@DFT: 4.0 m² / ltr or 15.14 m² / US gallon Flash Point: 93 °C Mix Ratio: Fast 4 parts volume of Part A and 1 part volume of Part B (UZF-V808) or Standard 2 parts volume Part A and 1 part volume Part B (UZF - V807)</p>
<p>RECOMMENDED USES</p>	
<p>For use over various substrates such as steel and masonry in industrial environments, maintenance areas and potable water tanks. Suitable for Direct To Metal application, can be applied over marginally prepared surfaces as the coating is surface tolerant.</p>	<p>Sweat-in Time: 30 minutes at 25 °C after mixing both parts for 2:1 mix. Not required for 4:1mix</p>
<p>APPLICATION METHODS</p>	
<p>Application Methods:</p> <p>Trowel: Reduction not required Spike Roller/Squeegee: Reduction not recommended</p> <p>For 4:1 mix may use Spray - Plural Component Reduction is not required.</p>	<p>Drying Schedule: Dry to Touch: 6 Hours @ 25 °C/R.H.50 To Handle: 24 Hours To Recoat: Min. 16 Hours Max. 30 Days</p> <p>To Cure: 10 Days</p> <p>Pot Life: 3 hours @ 25 °C. For 2:1 mix 1 hour @ 25 °C. For 4:1 mix. Varies with temperature.</p> <p>Shelf Life: 18 months, unopened at 25 °C Reducer/Clean Up: Epoxy Reducer YTF – K098</p>



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APPLICATION PROCEDURES

Surface Preparation: Surface must be dry, clean and in sound condition. Remove oil, dust, dirt, millscale or other foreign substance to ensure good adhesion. Surface preparation methods to be followed for

- (I) Iron and Steel – For substrates where sand blasting is not possible clean the surface by Hand Tool Cleaning SSPC-SP2 “St 2” or Power Tool Cleaning SSPC-SP3 “St 3”. For better performance atmospheric service “Near White Blast Cleaning” SSPC-SP10 “Sa 2-1/2” surface profile 2 mil (50 micron), or for immersion service “White Metal Blast ” SP5 “Sa 3”, optimum surface profile 3 mil (75 micron).
- (II) 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.

Concrete Storage Tanks:

Solvent Free Epoxy	2 – 3	250 Microns DFT
	Coats	per coat

(To obtain non-slip extra high film thickness coating after mixing Part A & B add a third component which is dust free clean sand 25 Kg. Mix the contents thoroughly and apply, which yields a mixed mortar 37.50 Kg to cover 3.4 M² @ 5mm thickness. Or alternatively for 500 Micron thickness sprinkle approximately 100 – 150 grams of clean sand per M² over the wet painted floor during second coat application. Insure sand is sprinkled immediately over the wet floor before the paint dries)

*For further information on recommended products please refer to Sherwin Williams Saudi Arabia Painting & Coatings System Guide.

**For further information on surface preparation methods and application procedures please refer to Sherwin Williams Saudi Arabia Surface Preparation bulletin.

SYSTEM RECOMMENDATION

Iron and Steel (Self Priming) – Immersion Service:

Solvent Free Epoxy	2 – 3	250 Microns DFT
	Coats	per coat

Iron and Steel (Epoxy Primer) Atmospheric Service:

Tile Clad II Primer	1 Coat	50 Microns DFT
Solvent Free Epoxy	2 Coats	250 Microns DFT
		per coat

Iron and Steel (Exterior) Atmospheric Service:

Tile Clad II Primer	1 Coat	50 Microns DFT
Solvent Free Epoxy	1 Coat	250 Microns DFT
Hi Build Aliphatic Polyurethane	1 - 2	50 Microns DFT
	Coats	per coat

Concrete Floors:

Kem Epoxy Primer	1 Coat	30 - 50 Microns DFT
Sealer Clear		
Solvent Free Epoxy	2 Coats	250 Microns DFT
		per coat

SPECIAL TIPS

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. Use the material within pot life limits. Any further specific technical information can be obtained from SWSA if you email ask@sherwinwilliams.ae

SAFETY PRECAUTIONS

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.