



**SHERWIN
WILLIAMS.**

Hi-Solids Catalyzed Epoxy

Description	System Recommendation																	
<p>Hi Solids Catalyzed Epoxy is a polyamide/bisphenol A epoxy resin Coating formulated to excellent corrosion, chemical and water resistance, with a high performance high build coating, that meets FDA (Food and Drug Administration U.S.A) regulation 175.300.</p>	<p>On Steel/Metal Substrates:</p> <p>Epoxy Zinc Phosphate Primer 1 Coat 60 Microns DFT</p> <p>Hi-Solids Catalyzed Epoxy 2 Coats 50 Microns DFT</p> <p>On Concrete Floors :</p> <p>Kem Epoxy Primer/Sealer 1 Coat 50 Microns DFT</p> <p>Hi-Solids Catalyzed Epoxy 2 Coats 100 Microns DFT</p> <p>Drying Time: Typically at recommended film thickness , drying time is generally depend on good ventilation.</p>																	
Characteristics																		
<p>Colour As per color card</p> <p>Finish Semi Gloss</p> <p>Solid contents (% by volume) 65 ± 2 %</p> <p>Specific Gravity 1.37- 1.47</p> <p>Recommended dry Film Thickness 100 microns</p> <p>Theoretical Coverage: 6.50 m²/ltr</p> <p>Flash Point: 38°C</p> <p>Mixing Ratio by volume : 4 Parts Comp A and 1 Part Comp B</p> <p>Properties tested as per international Standards</p> <p>Viscosity ASTM D 4287</p> <p>Specific Gravity ASTM D 1475</p> <p>Gloss ASTM D 523</p>	<table border="1"> <thead> <tr> <th rowspan="2">Substrate Temp</th> <th rowspan="2">Dry to Touch</th> <th rowspan="2">Dry to Handle</th> <th colspan="2">Re-coating Interval</th> </tr> <tr> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>23° C</td> <td>2.5 hr</td> <td>24 hr</td> <td>10 hr</td> <td></td> </tr> <tr> <td>35° C</td> <td>2 hr</td> <td>20 hr</td> <td>8 hr</td> <td></td> </tr> </tbody> </table>	Substrate Temp	Dry to Touch	Dry to Handle	Re-coating Interval		Minimum	Maximum	23° C	2.5 hr	24 hr	10 hr		35° C	2 hr	20 hr	8 hr	
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Packing Size	Storage & Handling																	
<p>1 USG and 5 USG. Packing may vary from country to country according to local requirements. Also available in bases for instant color mixing at point of sale through Sherwin Williams automatic dispensing system</p>	<p>Product must be stored in accordance to national regulations. The product should be kept in well ventilated place protected from heat and direct sunlight. The containers must be kept tightly closed.</p>																	



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Safety Precautions	Application Procedures
<p>Material health and safety data sheet is available upon request. Please observe the precautionary notice displayed on the container. Ensure proper ventilation during application and drying of paint. Avoid inhalation of paint mist and vapors and skin contact. Spillage of paint on skin should immediately be removed with suitable cleanser soap and water. Eyes should be well flushed with water and immediate medical attention should be sought.</p>	<p><u>Surface Preparation:</u> 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><u>Application Conditions:</u> Minimum temperature at 15° C and relative humidity 20 - 85%.</p> <p><u>Application Details:</u> Application method By airless , Brush or roller Thinning Thinner YTF K-098 (only when required) Paint is ready to use Recommended thinning For brush/ roller / Airless max. 5 to 10 %</p> <p><u>Guiding data for airless spray:</u> Nozzle orifice .015 " - .019 " Nozzle Pressure 150 BARS / 2100 psi</p>
<p>Recommended Uses</p> <p>For use over prepared substrates such as steel and masonry in industrial environments and maintenance areas. Suitable for Direct To Metal application, heavy duty flooring, portable water storage, immersion services and parking areas.</p>	<p>Environmental Compliance</p> <p>Lead Free Paint</p>