



# Solvent Free Epoxy

Description	System Recommendation																	
<p>Solvent Free Epoxy is a two component heavy duty floor coating that provides a high gloss, seamless, hygienic surface that is extremely hard wearing, durable, Antimicrobial Finish. The coating can also be applied to provide a nonslip texture.</p>	<p><b>On Concrete Floors :</b></p> <p>Kem Epoxy Primer Sealer 1 Coat 40 Microns DFT or Solvent Free Epoxy Primer 1 Coat 100 Microns DFT</p> <p><b>Solvent Free Epoxy 2 Coats 200 Microns DFT each</b></p>																	
Characteristics	<p><b>Drying Time:</b> Typically at recommended film thickness , drying time is generally depend on good ventilation.</p>																	
<p><b>Colour</b> As per color card</p> <p><b>Finish</b> Gloss</p> <p><b>Solid contents (% by volume)</b> 99 ± 1%</p> <p><b>Specific Gravity</b> 1.10- 1.2 (mixed)</p> <p><b>Recommended dry Film Thickness</b> 200 microns</p> <p><b>Theoretical Coverage:</b> 4.95 m<sup>2</sup>/ltr @200 microns dft</p> <p><b>Flash Point:</b> 68°C</p> <p><b>Pot Life</b> 25 Min @ 25°C</p> <p><b>Mixing Ratio by volume :</b></p> <p><b>2.5 Parts Comp A and 1 Part Comp B</b></p> <p><b>Properties tested as per international Standards</b></p> <p><b>Viscosity</b> ASTM D 4287</p> <p><b>Specific Gravity</b> ASTM D 1475</p> <p><b>Gloss</b> 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>13.25 Ltr (Component A &amp; B) 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><b>Surface Preparation:</b> Concrete should be minimum 28 days old to allow for curing. Prior to the application of any coating the maximum moisture content allowed is 4%. Concrete Substrates must be cured, sound, clean, dry and free from laitance, loose particles and contaminants such as oil, grease, curing compounds, shuttering oils, chemicals, etc. This is achieved by using the adequate combination of mechanical means such as abrasive blast cleaning, grinding, high-pressure water jetting (150 bars/ 2200 psi) and detergent cleaning.</p>
<p><b>Recommended Uses</b></p>	<p>Unsound concrete, surface defects, blowholes, honeycombs, aggregate pop-offs, and the like should be repaired using an approved repair medium (Epoxy Putty)</p>
<p>Especially suited for clean rooms, aircraft hangars, laboratories, workshops and light assembly areas pharmaceutical companies, cold storage ect.</p>	<p><b>Application Conditions:</b> Minimum temperature at 15° C and relative humidity 20 - 85%.</p>
	<p><b>Application Details:</b> Application method Trowel, Mohair roller followed by spike roller Thinning Thinner YTF K-098 (only for cleaning tools) Paint is ready to use Recommended thinning Not recommended</p>
	<p><b>Environmental Compliance</b></p>
<p><b>Lead Free Paint</b></p>	