



**SHERWIN
WILLIAMS.**

Self-Leveling Epoxy

Description	System Recommendation																					
<p>Self-Leveling Epoxy is a three component heavy duty floor coating that provides a high gloss, seamless, hygienic surface that is extremely hard wearing and durable. The coating can also be applied to provide a nonslip texture in combination with non slip aggregates. This product may be top coated if required.</p>	<p>On Steel/Metal Substrates:</p> <p>Epoxy Primer ZP 1 Coat @ 60 Micron DFT</p> <p>Self-Leveling Epoxy 1 Coat 1000 to 5000 Microns DFT</p> <p>On Concrete Floors :</p> <p>Kem Epoxy Primer/Sealer 1 Coat 50 Microns DFT Or Solvent Free Epoxy Primer 1 Coat 100 Microns DFT</p> <p>Self-Leveling Epoxy 1 Coat 2000 to 5000 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 Gloss</p> <p>Solid contents (% by volume) 99 ± 1%</p> <p>Specific Gravity 1.5- 1.6 (mixed)</p> <p>Recommended dry Film Thickness 1 mm to 5 mm</p> <p>Theoretical Coverage: 1.0 m²/ltr @ 5 mm DFT</p> <p>Flash Point: 68°C</p> <p>Mixing Ratio by volume : Comp A 7.15 ltr. Comp B 2.85 ltr. Comp C 20 kgs. (7.7 ltrs)</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>																						
Packing Size	Storage & Handling																					
<p>5USG (Component A, B & C) Packing may vary from country to country according to local requirements.</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>																					
		<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>8 hr</td> <td>24 hr</td> <td>10 hr</td> <td></td> </tr> <tr> <td>35° C</td> <td>6 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	8 hr	24 hr	10 hr		35° C	6 hr	20 hr	8 hr			
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Safety Precautions

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.

Recommended Uses

Especially suited for clean rooms, aircraft hangars, laboratories, workshops and light assembly areas pharmaceutical companies, cold storage ect.

Application Procedures

Surface Preparation:

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.

Unsound concrete, surface defects, blowholes, honeycombs, aggregate pop-offs, and the like should be repaired using an approved repair medium (Epoxy Putty)

Application Conditions:

Minimum temperature at 15° C and relative humidity 20 - 85%. The vicinity must be free from dust to avoid any contaminations before the paint is dry.

Application Details:

Application method Trowel, Mohair roller followed by spike roller
There is possibility of foaming if Spike roller is not used to finish the final coat.
Thinning Thinner YTF K-098 (only for cleaning tools)
Paint is ready to use
Recommended thinning Not recommended

Environmental Compliance

Lead Free Paint