

## Floorcote Solvent Free Epoxy

<b>Product Description</b>	<b>A two pack, solvent free epoxy</b> floor coating.				
<b>Features &amp; Use</b>	<ul style="list-style-type: none"> <li>Extremely hard wearing and abrasion resistant floor coating, suitable for heavy duty areas such as fork-lift trucking aisles</li> <li>Resistant to water, oils, weak solutions of non-oxidising acids, alkali and salt solutions, and temporary splashes of oxidising acids and bleaches</li> <li>Suitable for application where low odour and no solvent vapour are important, such as schools and hospitals</li> <li>For concrete floors subject to heavy mechanical wear and/or chemical attack, in areas such as the food processing, brewing, pharmaceutical and heavy engineering industries</li> </ul>				
<b>Approvals/ Certification</b>	Please consult Axalta Coating Systems				
<b>Finish</b>	Semi-gloss				
<b>Volume Solids</b>	99 ± 1%				
<b>VOC Content</b>	7 ± 20 g/litre				
<b>Film Thickness Range And Coverage</b>		<b>Dry Film Thickness</b>	<b>Wet Film Thickness</b>	<b>Theoretical Coverage</b>	
	<b>Typical</b>	300 µm	200 µm	5.0 m <sup>2</sup> /litre	
Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated					
<b>Drying Times</b>	Applied to 300 microns DFT	<b>+10°C</b>	<b>+23°C</b>	<b>+35°C</b>	
	<b>Dust Free</b>	8 hr	6 hr	4 hr	
	<b>Hard Dry (Light Traffic)</b>	24 hr	16 hr	12 hr	
	<b>Full Cure (Heavy Traffic)</b>	7 days	3 days	2 days	
	<b>Overcoating</b>	Minimum	36 hr	16 hr	8 hr
		Maximum	7 days	3 days	2 days
Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation					
<b>Colours</b>	Grey, Red Oxide and special shades to order				
<b>Mix Ratio/ Product Code</b>	Base	<b>09FSF-</b>	3½ parts by volume		
	Hardener	<b>09FSF-ACT</b>	1 part by volume		
<b>Pot Life</b>	45 min at 23°C				
<b>SG</b>	1.38 kg/lit mixed (varies with colour)				
<b>Storage Conditions</b>	Store in dry, cool conditions and protect from frost				
<b>Shelf Life</b>	Minimum 12 months if stored as above in unopened containers				
<b>Flash Point</b>	Above 60°C				

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<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>All surfaces must be clean, dry, and free from grease, oil, laitance, dust and other contamination</li> <li>Apply over suitable prepared and sealed concrete. Priming with Floorcote Epoxy Sealer is recommended</li> </ul>														
<b>Mixing</b>	<ul style="list-style-type: none"> <li>Must be mixed thoroughly by using a mechanical mixer (with side scraper) before use. Add hardener in the correct proportions and mix thoroughly for a minimum of 2 minutes. Mix the material just before use, and consider the area to be coated and pot life of the material when deciding how many units are required</li> <li><b>Note:</b> do not scrape or pour out remaining residues of mixed material from the bottom and sides of the container onto the floor, as this material may be incompletely mixed and cause 'soft spots' in the applied floor coating</li> <li>It is recommended that all material is stored at a temperature of approximately 20°C for at least 24 hours prior to use, to aid mixing and application</li> </ul>														
<b>Thinner</b>	No.5 Thinner		<b>Equipment Cleaner</b>		No.5 Thinner										
<b>Application Conditions</b>	<ul style="list-style-type: none"> <li>Only apply in conditions of good ventilation which must be maintained during drying and curing. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should not exceed 85% and the substrate temperature should remain at least 3°C above the dew point. Only apply this product when the above conditions can be maintained throughout the critical application and drying/curing process. Paint temperature should ideally be at a minimum of 15°C.</li> </ul>														
<b>Application Methods</b>	<table border="1"> <thead> <tr> <th data-bbox="451 1122 692 1189">Method</th> <th data-bbox="692 1122 938 1189">Airless Spray</th> <th data-bbox="938 1122 1187 1189">Conventional Spray</th> <th data-bbox="1187 1122 1342 1189">Brush</th> <th data-bbox="1342 1122 1490 1189">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 1189 692 1249"></td> <td data-bbox="692 1189 938 1249">No</td> <td data-bbox="938 1189 1187 1249">No</td> <td data-bbox="1187 1189 1342 1249">No</td> <td data-bbox="1342 1189 1490 1249">Yes</td> </tr> </tbody> </table>					Method	Airless Spray	Conventional Spray	Brush	Roller		No	No	No	Yes
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<ul style="list-style-type: none"> <li>This product is recommended for application by serrated or steel trowel, felt or mohair roller, with brush being used only where required to cut-in around edges or for very small areas</li> <li>Pour out the mixed material onto the primed floor and spread with a suitable trowel. Level with a mohair or felt roller, wearing spiked shoes to walk across the wet coating</li> <li>Refer to Axalta Coating Systems '<b>Epoxy Application and Curing Notes</b>'</li> </ul>															
<b>Product Notes</b>	<ul style="list-style-type: none"> <li>Do not apply or cure below 7°C; temperatures above 10°C are recommended and above 15°C is preferred</li> <li>Like all epoxy coatings, this product will chalk on prolonged exterior exposure, the degree of which is subject to atmospheric conditions</li> </ul>														
<b>Health &amp; Safety</b>	<p>Containers are provided with safety labels which should be observed. Further information about hazardous influences and protection are detailed in individual Product Safety Data Sheets. A Safety Data Sheet for this product is available on request from Axalta Coating Systems.</p>														

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