

Floorcote Epoxy Sealer

Product Description	A water based, two pack epoxy clear primer for floors.				
Features & Use	<ul style="list-style-type: none"> • Bonds strongly to concrete, cement and prepared floor areas, including damp surfaces • Excellent alkali resistance • Use for the priming of new and damp concrete flooring areas prior to main coating • Can be used as a clear floor primer in food factories, breweries, electronic plants, farm buildings, schools and hospitals, where solvent vapours may interfere with products and processes 				
Approvals/ Certification	Please consult Axalta Coating Systems				
Finish	Semi-gloss				
Volume Solids	45 ± 2%				
VOC Content	0 g/litre				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Typical	35 µm	78 µm	12.8 m ² /litre	
	Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated				
Drying Times	Applied to 35 microns DFT	+10°C	+23°C	+35°C	
	Dust Free	5 hr	3 hr	2 hr	
	Hard Dry	10 hr	8 hr	6 hr	
	Full Cure	10 days	7 days	5 days	
	Overcoating	Minimum	24 hr	20 hr	16 hr
		Maximum	48 hr	36 hr	24 hr
	Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation				
Colours	Clear				
Mix Ratio/ Product Code	Base	09FES-BASE	1 part by volume		
	Hardener	09FES-ACT	4 part by volume		
Pot Life	1½ hours at 23°C				
SG	1.05 kg/lt mixed				
Storage Conditions	Store in dry, cool conditions and protect from frost				
Shelf Life	Minimum 12 months if stored as above in unopened containers				
Flash Point	Above 60°C				

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<p>Surface Preparation</p>	<ul style="list-style-type: none"> All surfaces must be clean and free from grease, oil, laitance, dust and other contamination Bare concrete: remove dirt and contamination by detergent washing, flame cleaning or other appropriate means. For the best long term coating life, laitance should be removed by vacuum blast cleaning (recommended), power grinding or acid etching. If acid etching, more than one application may be required to produce a granular surface suitable for good adhesion. Vacuum blast cleaning should produce a surface profile appropriate to the thickness of the coating being applied. If laitance is not removed, it can detach in service along with the coating, leaving patchy areas of bare concrete Steel Floors: consult Axalta Coating Systems 										
<p>Mixing</p>	<p>Mix only in the proportions stated, mixing each component individually then together using a mechanical agitator. Agitate periodically during use to ensure product remains homogeneous.</p>										
<p>Thinner / Cleaner</p>	<p>Clean Water</p>										
<p>Application Conditions</p>	<ul style="list-style-type: none"> The concrete surface must be dry and at least 12 weeks old. The moisture content of the concrete should not exceed 6% when measured 25mm below the surface (with e.g. a Protimeter measuring in 25mm drilled holes filled with gel), or 14% when measured with a surface moisture gauge (such as a Protimeter WME (Wood Moisture Equivalent) gauge). 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. 										
<p>Application Methods</p>	<table border="1" data-bbox="451 1115 1489 1220"> <thead> <tr> <th>Method</th> <th>Airless Spray</th> <th>Conventional Spray</th> <th>Brush</th> <th>Roller</th> </tr> </thead> <tbody> <tr> <td></td> <td>No</td> <td>No</td> <td>Yes</td> <td>Yes</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Designed for brush or roller application. A short pile head is recommended for rolling Refer to Axalta Coating Systems 'Epoxy Application and Curing Notes' 	Method	Airless Spray	Conventional Spray	Brush	Roller		No	No	Yes	Yes
Method	Airless Spray	Conventional Spray	Brush	Roller							
	No	No	Yes	Yes							
<p>Product Notes</p>	<ul style="list-style-type: none"> Prime bare concrete areas by thinning the first coat with up to 15-20% of clean water if required to aid penetration Floorcote Epoxy Sealer should be overcoated with a Floorcote water based or solvent based finish after 24 hours. If no topcoat is to be applied, please consult Axalta Coating Systems for advice Do not apply or cure below 7°C; temperatures above 10°C are recommended and above 15°C is preferred Like all epoxy coatings, this product will chalk on prolonged exterior exposure, the degree of which is subject to atmospheric conditions 										
<p>Health & Safety</p>	<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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