

Floorcote Polyurethane Finish

Product Description	A polyurethane-modified alkyd floor coating.				
Features & Use	<ul style="list-style-type: none"> • A single pack, easily applied floor coating for light to medium duty • Mild solvent blend causes minimum reaction with existing floor coatings (e.g. minimises the lifting of old coating edges) • Rapid drying to minimise downtime • Use in e.g. workshops, offices, factories, garages, showrooms and warehouses 				
Approvals/ Certification	Conforms to Category (i) of Directive 2004/42/EC, which carries a VOC limit of 500g/l				
Finish	Semi-gloss				
Volume Solids	50 ± 2% (varies with colour)				
VOC Content	382 ± 20 g/litre (varies with colour)				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Typical	40 µm	80 µm	12.5 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 40 microns DFT	+10°C	+23°C	+35°C	
	Dust Free		12 hr	4 hr	2 hr
	Hard Dry		48 hr	24 hr	12 hr
	Light Traffic		48 hr	24 hr	24 hr
	Overcoating	Minimum	24 hr	16 hr	12 hr
		Maximum	Indefinite if clean and sound		
	Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation				
Colours	Range of floor coating shades and special shades to order				
Product Code	09FPF				
SG	1.12 kg/lit (varies with colour)				
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	23-60°C				

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<p>Surface Preparation</p>	<ul style="list-style-type: none"> All surfaces must be clean, dry, 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 Previously painted floors: abrading (as well as thoroughly cleaning) the existing coating is always recommended to optimise adhesion. A test area is recommended to confirm compatibility and that adequate adhesion can be achieved Steel Floors: consult Axalta Coating Systems 				
<p>Mixing</p>	<p>Mix thoroughly before use. Agitate periodically during use to ensure product remains homogeneous.</p>				
<p>Thinner</p>	<p>No.3 Thinner</p>		<p>Equipment Cleaner No.3 Thinner</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>	<p>Method</p>	<p>Airless Spray</p>	<p>Conventional Spray</p>	<p>Brush</p>	<p>Roller</p>
		<p>No</p>	<p>No</p>	<p>Yes</p>	<p>Yes</p>
<ul style="list-style-type: none"> Designed for brush or roller application 					
<p>Product Notes</p>	<ul style="list-style-type: none"> Prime bare concrete areas by thinning the first coat with up to 25% of No.3 Thinners to act as a sealer coat Two full coats are recommended over sealed concrete. One full coat is usually sufficient over previously painted surfaces For anti-slip properties, after sealing or over previous intact and prepared coatings, apply one unthinned coat and sprinkle with an aggregate of suitable size to achieve required degree of anti-slip properties. When dry, sweep off excess aggregate and apply a further full coat to seal in the aggregate 				
<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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