

ViterFloor 300 SF Epoxy Floor Coating

Product Description	A two pack epoxy, solvent free, high build coating for concrete floors.			
Features & Use	<ul style="list-style-type: none"> Solvent free, two pack epoxy high build floor coating For new and old concrete floors subject to heavy mechanical wear and/or chemical attack, in areas such as the food processing, brewing, pharmaceutical and heavy engineering industries High gloss, easily cleaned finish – coating previously held certification for ‘Ease of Decontamination’ in the nuclear industry Resistant to water, oils, weak solutions of non-oxidising acids, alkali and salt solutions, and temporary splashes of oxidising acids and bleaches 			
Approvals/ Certification	Please consult Spencer Coatings			
Finish	Gloss			
Volume Solids	99 ± 1% (loss of trace volatiles may reduce figure)			
VOC Content	Does not contain VOC’s			
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage
	Typical	200 µm (0.30mm)	200 µm	4.95 m ² /litre
	Typical	500 µm (0.50mm)	500 µm	2.0 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 at 23°C and 300 µm dft	Dust Dry	6 hr		
	Light Traffic	16 hr		
	Full Cure	7 days		
	Recoating	Consult Spencer Coatings – normal maximum 24 hr		
	Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation			
Colours	Red Oxide Grey Heysham Grey (approx. BS381C - 676) plus a selected range of BS and RAL shades			
Mix Ratio/ Product Code	Base	2995	4 parts by volume	(5 parts by wt.)
	Hardener	2995 101	1 part by volume	(1 part by wt.)
Pot Life	20-30 minutes when poured on the floor; approx. 15 minutes in the container			
SG	1.38-1.42 kg/lit mixed (may vary 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	Above 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, dust and other contamination Apply over ViterFloor 400 primer/sealer – consult relevant Product Data Sheet for details 										
<p>Mixing</p>	<ul style="list-style-type: none"> 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 Note: 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 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 										
<p>Thinner</p>	<p>Do not thin Equipment Cleaner 1031 or 1029 Thinner</p>										
<p>Application Conditions</p>	<p>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. Paint temperature should ideally be at a minimum of 15°C.</p>										
<p>Application Methods</p>	<table border="1" data-bbox="450 1012 1495 1146"> <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>No</td> <td>Yes</td> </tr> </tbody> </table> <ul style="list-style-type: none"> 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 Pour out the mixed ViterFloor 300 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 Refer to Spencer 'Epoxy Application and Curing Notes' 	Method	Airless Spray	Conventional Spray	Brush	Roller		No	No	No	Yes
Method	Airless Spray	Conventional Spray	Brush	Roller							
	No	No	No	Yes							
<p>Product Notes</p>	<ul style="list-style-type: none"> Priming: apply over ViterFloor 400 primer/sealer – consult relevant Product Data Sheet for details Anti-slip: dependent on the degree of anti-slip required, aggregate can be broadcast onto the wet coating surface and allowed to dry. Surplus non-adhering particles should then be brushed off and further coats of ViterFloor 300 applied (if required) to encapsulate the particles. Please note that the higher the degree of anti-slip, the lower the ease of cleaning will be Do not apply or cure below 5°C, temperatures above 10°C recommended 										
<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 Spencer Coatings.</p>										