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ViterFloor EEF Epoxy Ester Floor Paint

Product Description	**A single pack epoxy ester floor coating** for general purpose and light traffic areas**.**
Features & Use	• Epoxy Ester resin has the best overall performance of traditional single pack floor coatings • Good resistance to scuffing and spillages of oil, petrol, detergents and dilute aqueous chemical solutions • White spirit based, it is generally compatible with most existing systems • For use on concrete, stone, timber or primed steelwork • For easy application to light duty areas where regular cosmetic upgrades are programmed
Approvals/ Certification	Please consult Axalta Coating Systems
Finish	Semi-gloss
Volume Solids	40 ± 2% (may vary with colour)
VOC Content	456 ± 20 g/litre (may vary with colour)
Film Thickness Range And Coverage	**Dry Film Thickness** / **Wet Film Thickness** / **Theoretical Coverage** **Minimum**: 30 µm / 75 µm / 13.3 m^2/litre **Maximum**: 50 µm / 125 µm / 8.0 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 40 µm dft	**Dust Dry**: 4 hr **Light Traffic**: 24 hr **Full Cure**: 7 days **Recoating**: Min. 16 hr, Max – 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	Tile Red (approx. BS 445) Mid Grey (approx. RAL 7001) Green (approx. BS 267) Clear (note – Clear is urethane alkyd based) plus BS and RAL shades via our in-can tinting system
Product Code	**2928**
SG	1.01-1.15 kg/lt (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	23-60°C

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Surface Preparation	• 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. As ViterFloor EEF has a mild solvent blend, there should be minimal reaction with existing coatings such as the lifting of old coating edges. A test area is recommended to confirm compatibility and that adequate adhesion can been achieved • **Wood Floors:** punch all nail heads down below the surface. Sand the surface down to clean, smooth wood using an industrial vacuum sander, cutting-in at edges with a hand sander. To give a smooth finish it is recommended to also lightly sand and vacuum between coats • **Steel Floors**: consult Axalta Coating Systems
Mixing	Must be mixed thoroughly by using a mechanical agitator before use. Agitate periodically to ensure paint remains homogeneous.
Thinner	1050 Thinner **Equipment Cleaner** 1050 Thinner
Application Conditions	• 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 3ºC above the dew point. Paint temperature should ideally be at a minimum of 15ºC.
Application Methods	<table><tr><th>Method</th><th>Airless Spray</th><th>Conventional Spray</th><th>Brush</th><th>Roller</th></tr><tr><td></td><td>Yes</td><td>No</td><td>Yes</td><td>Yes</td></tr></table> • This product is designed for brush or roller application
Product Notes	• **Priming:** prime bare concrete areas by thinning the first coat of ViterFloor EEF with 10-15% of 1050 Thinner to act as a sealer • Floors can be back in service after 24 hours but 7 days should elapse before cleaning with detergents • Minimum recommended application temperature is 10ºC to ensure adequate through drying • **Anti-slip:** dependent on the degree of anti-slip required, aggregate can be broadcast onto the wet coating surface (of a full, unthinned coat) and allowed to dry. Surplus non-adhering particles should then be brushed off and further coats of ViterFloor EEF applied to encapsulate the particles • **Note –** ViterFloor EEF Clear is based on urethane alkyd resin, not epoxy ester
Health & Safety	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.