Issue Date: Jan 2021
Reference: n/a
Page 1 of 2

ViterFloor 300 SF Epoxy Floor Coating

Product Description	**A two pack epoxy, solvent free, high build coating** for concrete floors**.**
Features & Use	• 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 Axalta Coating Systems
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
Minimum*	300 µm (0.30mm)	300 µm	3.3 m^2/litre
Maximum*	500 µm (0.50mm)	500 µm	2.0 m^2/litre

* See Product Notes
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 Axalta Coating Systems – 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** Hardener **2995 101**	4 parts by volume 1 part by volume	(5 parts by wt.) (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/lt 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		

ViterFloor 300 SF Epoxy Floor Coating

Surface Preparation	• 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
Mixing	• 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 20ºC for at least 24 hours prior to use, to aid mixing and application
Thinner	Do not thin **Equipment Cleaner** 1031 or 1029 Thinner
Application Conditions	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	**Method** / **Airless Spray** / **Conventional Spray** / **Brush** / **Roller** No / No / No / Yes • 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 Axalta Coating Systems '**Epoxy Application and Curing Notes'**
Product Notes	• **Priming:** apply over ViterFloor 400 primer/sealer – consult relevant Product Data Sheet for details • **DFT:** below 300 µm dft performance will be reduced. This solvent free material can be applied in excess of 500 µm, but where additional thickness is required, a second coat is recommended • **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 5ºC, temperatures above 10ºC recommended
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.

The information provided herein corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since Axalta cannot anticipate all variations in actual end-use conditions Axalta makes no warranties and assumes no liability in connection with any of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights. This product is for professional use only.