

ViterThane PLV90 Gloss Finish

Product Description	A two pack polyurethane gloss finish for the ACE market. When applied over ViterCoat HSP, gives a superb system with cutting-edge properties.			
Features & Use	<ul style="list-style-type: none"> • Suitable for agricultural and earth moving equipment • Excellent gloss and distinction of image • Excellent durability • High build finish • Suitable for application by conventional and airless spray 			
Approvals/ Certification	Please consult Axalta Coating Systems			
Finish	Gloss			
Volume Solids	45 ± 2% (varies with colour)			
VOC Content	Below 502 ± 20 g/litre (varies with colour)			
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage
	Minimum	25 µm	55 µm	18.0 m ² /litre
	Maximum	35 µm	78 µm	12.9 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 30 microns DFT	+23°C		
	Flash Off	10-15 mins		
	Air Dry	16 hr		
	Force Dry	30 min at 80°C		
	Overcoating	Min: when cool	Max: 48 hr	
	Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation			
Colours	Colours to customer's specifications			
Mix Ratio/ Product Code	Base 2901	5½ parts by volume		
	Hardener 4051 035	1 part by volume		
Pot Life	1½ - 2 hours at 23°C			
SG	1.17 kg/lit mixed, 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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Surface Preparation	<ul style="list-style-type: none"> This product is a finish coat and should be applied over an appropriate primer or intermediate coating All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts or other contamination 														
Mixing	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.														
Thinner	1728 Thinner		Equipment Cleaner 1728 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 steel 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.														
Application Methods	<table border="1"> <thead> <tr> <th data-bbox="419 864 692 938">Method</th> <th data-bbox="692 864 938 938">Airless Spray</th> <th data-bbox="938 864 1185 938">Conventional Spray</th> <th data-bbox="1185 864 1339 938">Brush</th> <th data-bbox="1339 864 1495 938">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="419 938 692 994"></td> <td data-bbox="692 938 938 994">Yes</td> <td data-bbox="938 938 1185 994">Yes</td> <td data-bbox="1185 938 1339 994">No</td> <td data-bbox="1339 938 1495 994">No</td> </tr> </tbody> </table>					Method	Airless Spray	Conventional Spray	Brush	Roller		Yes	Yes	No	No
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<ul style="list-style-type: none"> Airless Spray: Output fluid pressure at tip 2200-2500 psi, Tip Size: 11-13 thou (0.28-0.33mm) Conventional spray: thin to 30-45 seconds BS B4 at 25°C. This will increase the VOC content Brush and roller should only be used for touch up of small areas only as build and cosmetic finish will not be achieved 															
Product Notes	<ul style="list-style-type: none"> For optimum opacity use a primer/undercoat of a suitable shade High humidity and condensation will impair gloss if exposed during application and curing Contains isocyanates – refer to Safety Data Sheet 														
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.														

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