

ViterLac PU90 Gloss Finish

Product Description	A general purpose urethane alkyd high gloss finish.				
Features & Use	• Good gloss and gloss retention, with good weathering and durability • Fast air drying • Ideally suited for the finishing of structural steel over selected ViterPrime primers (see Product Notes) • May be used on agricultural machinery and earth moving equipment (ACE market) • For application by brush or conventional spray				
Approvals/ Certification	Please consult Axalta Coating Systems				
Finish	Gloss				
Volume Solids	40 ± 2% (varies with colour)				
VOC Content	441 ± 20 g/litre (varies with colour)				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Minimum	25 µm	62 µm	16.0 m²/litre	
	Maximum	35 µm	88 µm	11.4 m²/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		+10°C	+23°C	+35°C
	Dust Free		2½ hr	1-2 hr	40 min
	Hard Dry		24 hr	16 hr	8 hr
	Overcoating	Minimum	see Product Notes		
		Maximum	Indefinite if surface is clean and sound		
	Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation				
Colours	BS and RAL shades by in-can tinting				
Product Code	5861				
SG	0.99-1.20 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°C – 60°C				

ViterLac PU90 Gloss Finish

Issue Date: Apr 2018
Page 2 of 2

Surface Preparation	- This product is a finish coat and should be applied over an appropriate primer and/or intermediate coat - All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts, weld flux or other contamination				
Mixing	Must be mixed thoroughly by using a mechanical agitator before use. Agitate periodically to ensure paint remains homogeneous.				
Thinner	1050 Thinner (1006 for spraying) Equipment Cleaner 1050 or 1006 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. Paint temperature should ideally be at a minimum of 15°C.				
Application Methods	Method	Airless Spray	Conventional Spray	Brush	Roller
		Yes	Yes	Yes	No
	- Airless Spray: Output fluid pressure at tip 2000 psi min., Tip Size 11-13 thou (0.28-0.33 mm) - Conventional spray: thin to a viscosity of 25-35 seconds at 25°C (BS B4 Cup) using 1006 Thinner - Brush – use as supplied				
Product Notes	- Overcoating - may be overcoated with itself or other white spirit based paints before 4 hours or after a minimum of 24 hours (at 23°C) - Not recommended for immersion - For best opacity use a primer or undercoat of a suitable shade				
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.