

ViterSeal 550 Non-iso Finish - Gloss

Product Description	A two pack recoatable non-isocyanate gloss finish for use on protective systems for steelwork.				
Features & Use	<ul style="list-style-type: none"> • A tough and durable gloss finish with excellent gloss retention, using a modified acrylic, isocyanate-free polymer system • Indefinitely overcoatable • Suitable for maintenance and new construction • Ideal for structural steelwork where isocyanates cannot be used 				
Approvals/ Certification	Please consult Axalta Coating Systems				
Finish	Gloss				
Volume Solids	53 ± 2% (varies with colour)				
VOC Content	474 ± 20 g/litre (varies with colour)				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Minimum	50 µm	94 µm	10.6 m ² /litre	
	Maximum	60 µm	113 µm	8.8 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 50 microns DFT	+10°C	+23°C	+35°C	
	Dust Free		2½ hr	1 hr	30 min
	Hard Dry		24 hr	12 hr	6 hr
	Overcoating	Minimum	24 hr	16 hr	12 hr
		Maximum	Indefinite with itself if 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 colours via our in-can tinting system				
Mix Ratio/ Product Code	Base	6550	2 parts by volume		
	Hardener	6400 013	1 part by volume		
Pot Life	16 hours at 23°C				
SG	1.23 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	<p>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.</p>				
Thinner	1737 Thinner		Equipment Cleaner 1737 Thinner		
Application Conditions	<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 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.</p>				
Application Methods	Method	Airless Spray	Conventional Spray	Brush	Roller
		Yes	Yes	Yes	Yes
	<ul style="list-style-type: none"> Airless Spray: Output fluid pressure at tip 1800 psi, Tip Size: 13-19 thou (0.33-0.48mm) Application by brush or roller may result in a reduced film thickness. A suitable short pile industrial roller is recommended 				
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 This product requires 7 days to fully cure at 23°C. Water spotting may occur if not adequately cured 				
Health & Safety	<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 Axalta Coating Systems.</p>				

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