

ViterTherm HT600 HR Finish

(formerly Protega HT600)

Product Description	A heat resistant, silicone resin based single pack finish.		
Features & Use	<ul style="list-style-type: none"> • Suitable for all types of manifold and exhaust systems • Good heat resistance properties up to 500°C depending on quality, intermittent heat resistance up to 600°C • Good petrol and oil resistance • Good performance in salt spray and humidity testing • Good adhesion over suitable zinc silicate primers 		
Approvals/ Certification	Please consult Spencer Coatings		
Finish	Black – Matt, Silver – Semi-gloss		
Volume Solids	Matt Black - 22 ± 2% Silver - 15 ± 2%		
VOC Content	Matt Black - 650 ± 20 g/litre Silver - 717 ± 20 g/litre		
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness
	Minimum	10 µm	50 µm
	Maximum	15 µm	75 µm
	Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated		
Drying Times	Applied to 15 microns DFT		+23°C
	Flash Off		5 - 10 min
	Air Dry		Touch Dry – 20 min; Hard Dry – 4 hr
	Force Dry		30 min @ 120-150°C
	Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation		
Colours	Matt Black, Silver		
Product Code	Matt Black 3369 278 Silver Semi-gloss 3369 201		
SG	Matt Black 0.91-0.93 kg/lit Silver 1.04-1.06 kg/lit		
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"> All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts, weld flux or other contamination. Where necessary, remove weld spatter and grind smooth all sharp edges and weld seams Pre-treatment improves adhesion and reduces corrosion under the paint film. Consult Spencer Coatings to check your pre-treatment process is suitable 				
Mixing	Mix thoroughly before use.				
Thinner	950 Thinner Equipment Cleaner 950 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
		No	Yes	No	No
	<ul style="list-style-type: none"> Airless spray: not recommended as over-application is likely Conventional spray: thin to 20 - 30 seconds BSB4 cup @25°C for conventional spray 				
Product Notes	Do not exceed 25 microns dft or blistering of the film on heating will result				
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 Spencer Coatings.				