

ViterShield TF Epoxy Tar-Free

Product Description	A two pack epoxy primer or primer/finish for buried and immersed steelwork. A tar-free alternative to traditional coal tar epoxy.				
Features & Use	<ul style="list-style-type: none">As an alternative to traditional coal tar epoxyExcellent build characteristicsExceptionally tough and durableGood chemical resistanceFor the protection of buried steelwork in harsh environmentsUse for splash zones, bridges, jetties and water treatment plants				
Approvals/ Certification	Please consult Spencer Coatings				
Finish	Slight sheen				
Volume Solids	70 ± 2%				
VOC Content	314 ± 20 g/litre				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Minimum	125 µm	179 µm	5.6 m²/litre	
	Maximum	250 µm	357 µm	2.8 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 125 microns DFT		+10°C	+23°C	+35°C
	Dust Free		8 hr	4 hr	3 hr
	Hard Dry		48 hr	24 hr	16 hr
	Overcoating	Minimum	48 hr	24 hr	16 hr
		Maximum	8 days	6 days	3 days
	Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation				
Colours	Black				
Mix Ratio/ Product Code	Base Hardener	6287 6400 005	4 parts by volume 1 part by volume		
Pot Life	3 hours at 23°C				
SG	1.36 kg/lit mixed				
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"> Blast clean to Sa2½ (ISO 8501-1:2007), surface profile 50-75 microns 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 				
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	1031 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. 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	Method	Airless Spray	Conventional Spray	Brush	Roller
		Yes	No	Yes	No
	<ul style="list-style-type: none"> Airless Spray: Output fluid pressure at tip 2000 psi minimum, Tip Size: 21-27 thou (0.53-0.68mm) Application by brush will result in a reduced film thickness and is recommended only for small areas of touch up/remedial work Refer to Spencer 'Epoxy Application and Curing Notes' 				
Product Notes	<p>Overcoating Overcoat with itself only</p> <p>Other</p> <ul style="list-style-type: none"> Do not apply or cure below 5°C, temperatures above 10°C recommended Like all epoxy coatings, this product will chalk on prolonged exterior exposure, the degree of which is subject to atmospheric conditions 				
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.				