

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 epoxy • Excellent build characteristics • Exceptionally tough and durable • Good chemical resistance • For the protection of buried steelwork in harsh environments • Use for splash zones, bridges, jetties and water treatment plants 				
Approvals/ Certification	Please consult Axalta Coating Systems				
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 m ² /litre	
	Maximum	250 µm	357 µm	2.8 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 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	6287	4 parts by volume		
	Hardener	6400 005	1 part by volume		
Pot Life	3 hours at 23°C				
SG	1.36 kg/lt 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				



ViterShield TF Epoxy Tar-Free

Issue Date: Apr 2018
Page 2 of 2

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	<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	1031 Thinner		Equipment Cleaner 950 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	<table border="1"> <thead> <tr> <th data-bbox="451 880 691 947">Method</th> <th data-bbox="691 880 938 947">Airless Spray</th> <th data-bbox="938 880 1185 947">Conventional Spray</th> <th data-bbox="1185 880 1337 947">Brush</th> <th data-bbox="1337 880 1489 947">Roller</th> </tr> </thead> <tbody> <tr> <td></td> <td data-bbox="691 947 938 1003">Yes</td> <td data-bbox="938 947 1185 1003">No</td> <td data-bbox="1185 947 1337 1003">Yes</td> <td data-bbox="1337 947 1489 1003">No</td> </tr> </tbody> </table>					Method	Airless Spray	Conventional Spray	Brush	Roller		Yes	No	Yes	No
	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 Axalta Coating Systems 'Epoxy Application and Curing Notes' 															
Product Notes	<ul style="list-style-type: none"> • Overcoat with itself only • 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	<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>														

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.