

ViterWash T Etch Solution for Galvanising

Product Description	A single pack phosphoric acid etch solution for the preparation of fresh galvanised surfaces prior to painting.				
Features & Use	<ul style="list-style-type: none"> To etch bright, unweathered galvanised surfaces, as an adhesion promoter for subsequently applied paint coatings The product changes the surface colour from blue to grey/black if etching has been successful 				
Approvals/ Certification	Please consult Axalta Coating Systems				
Finish	Mottled grey/black if treatment is successful				
Volume Solids	n/a				
VOC Content	327 ± 20 g/litre (including water); 770 ± 20 g/litre (without water) Please refer to Axalta Coating Systems 'Guide to VOC's for Paints'				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Minimum	n/a	n/a	20 m ² /litre	
	Maximum	n/a	n/a		
Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated					
Drying Times			+10°C	+23°C	+35°C
	Dust Free		Reacts within minutes		
	Hard Dry		Not applicable		
	Overcoating	Minimum	3 hr	2 hr	1½ hr
		Maximum	12 hr	12 hr	6 hr
Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation					
Colours	Blue solution				
Product Code	20MOR- or 4165050				
SG	0.99 kg/lt				
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 treated should be solvent washed to remove galvanising flux, grease or other contamination Abrade any very smooth or shiny areas to provide a key and dust off 														
Mixing	Ensure solution is homogenous before use.														
Thinner / Cleaner	Thinner - n/a / Cleaner - Clean Water														
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 etch solution, the surface should be dry, the Relative Humidity should not exceed 88% and the steel temperature should remain at least 2°C above the dew point.</p> <p>Do not apply to any surface except zinc or galvanising.</p>														
Application Methods	<table border="1"> <thead> <tr> <th data-bbox="451 779 675 853">Method</th> <th data-bbox="675 779 922 853">Airless Spray</th> <th data-bbox="922 779 1169 853">Conventional Spray</th> <th data-bbox="1169 779 1342 853">Brush</th> <th data-bbox="1342 779 1490 853">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 853 675 909"></td> <td data-bbox="675 853 922 909">Yes*</td> <td data-bbox="922 853 1169 909">Yes*</td> <td data-bbox="1169 853 1342 909">Yes</td> <td data-bbox="1342 853 1490 909">No</td> </tr> </tbody> </table>					Method	Airless Spray	Conventional Spray	Brush	Roller		Yes*	Yes*	Yes	No
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	Yes*	Yes*	Yes	No											
<ul style="list-style-type: none"> Airless Spray: Output fluid pressure at tip 1500 psi, Tip Size: 9-11 thou (0.23-0.28mm). *Spraying is not recommended as this method can result in excessive application, which can result in a powdery surface causing disbondment of subsequently applied paint coatings If spraying, it is advisable that equipment should be cleaned/flushed during the course of application, to prevent attack of the equipment by this acidic product Brush or sponge application is recommended. An even black film should result if the reaction has occurred correctly. If the surface is uneven in colour, lightly abrade, thoroughly degrease by solvent washing and re-apply. Remove any excess product by solvent washing before applying a paint system 															
Product Notes	<ul style="list-style-type: none"> Caution: contains phosphoric acid Subsequent paint coatings used should be non-saponifiable. MIO containing coatings are recommended Do not use for items that will be immersed 														
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.														

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