

ViterLac AM112 Urethane Alkyd MIO

Product Description	A single pack, white spirit based urethane alkyd MIO (micaceous iron oxide) coating for steelwork.				
Features & Use	<ul style="list-style-type: none"> • MIO pigmentation provides excellent barrier anticorrosive protection and intercoat adhesion • Tolerant of damp surfaces for brush application • Improved through drying compared to phenolic MIO's • Brush or spray application 				
Approvals/ Certification	Please consult Axalta Coating Systems				
Finish	Matt MIO				
Volume Solids	52 ± 2%				
VOC Content	387 ± 20 g/litre (varies with colour)				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Minimum	40 µm	77 µm	13.0 m ² /litre	
	Maximum	90 µm	173 µm	5.7 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 60 microns DFT		+10°C	+23°C	+35°C
	Dust Free		2 hr	1 hr	45 min
	Hard Dry		16 hr	8 hr	4 hr
	Overcoating	Minimum	24 hr	16 hr	12 hr
		Maximum	Indefinite if surface is clean and sound		
Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation					
Colours	Grey (AM112) Black (AM114) – other colours on request				
Product Code	2211				
SG	1.55 – 1.75 kg/lt (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 and/or intermediate coat All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts, weld flux or other contamination 														
Mixing	Must be mixed thoroughly by using a mechanical agitator before use. Agitate periodically to ensure paint remains homogeneous.														
Thinner	1050 Thinner		Equipment Cleaner 1050 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	<table border="1"> <thead> <tr> <th data-bbox="451 817 675 887">Method</th> <th data-bbox="675 817 922 887">Airless Spray</th> <th data-bbox="922 817 1169 887">Conventional Spray</th> <th data-bbox="1169 817 1342 887">Brush</th> <th data-bbox="1342 817 1489 887">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 887 675 943"></td> <td data-bbox="675 887 922 943">Yes</td> <td data-bbox="922 887 1169 943">No</td> <td data-bbox="1169 887 1342 943">Yes</td> <td data-bbox="1342 887 1489 943">Yes</td> </tr> </tbody> </table>					Method	Airless Spray	Conventional Spray	Brush	Roller		Yes	No	Yes	Yes
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<ul style="list-style-type: none"> Airless Spray: Output fluid pressure at tip 2500-3500 psi, Tip Size 15-21 thou (0.38-0.53 mm) Application by brush can achieve up to 75 microns dft Avoid excessive film thickness as this will cause through-drying problems 															
Product Notes	<ul style="list-style-type: none"> Overcoating - may be overcoated with itself or other white spirit based products only Due to the fine surface texture of MIO coatings, any decorative finish applied over an MIO is susceptible to loss of gloss unless the profile of the MIO is completely filled The compatibility of overcoating products should be confirmed prior to application Not recommended for immersion 														
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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