

## ViterLac AM112 Urethane Alkyd MIO

<b>Product Description</b>	<b>A single pack, white spirit based urethane alkyd MIO</b> (micaceous iron oxide) coating for steelwork.				
<b>Features &amp; Use</b>	<ul style="list-style-type: none"> <li>• MIO pigmentation provides excellent barrier anticorrosive protection and intercoat adhesion</li> <li>• Tolerant of damp surfaces for brush application</li> <li>• Improved through drying compared to phenolic MIO's</li> <li>• Brush or spray application</li> </ul>				
<b>Approvals/ Certification</b>	Please consult Spencer Coatings				
<b>Finish</b>	Matt MIO				
<b>Volume Solids</b>	52 ± 2%				
<b>VOC Content</b>	387 ± 20 g/litre (varies with colour)				
<b>Film Thickness Range And Coverage</b>		<b>Dry Film Thickness</b>	<b>Wet Film Thickness</b>	<b>Theoretical Coverage</b>	
	<b>Minimum</b>	40 µm	77 µm	13.0 m <sup>2</sup> /litre	
	<b>Maximum</b>	90 µm	173 µm	5.7 m <sup>2</sup> /litre	
Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated					
<b>Drying Times</b>	Applied to <b>60 microns DFT</b>		<b>+10°C</b>	<b>+23°C</b>	<b>+35°C</b>
	<b>Dust Free</b>		2 hr	1 hr	45 min
	<b>Hard Dry</b>		16 hr	8 hr	4 hr
	<b>Overcoating</b>	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					
<b>Colours</b>	Grey (AM112) Black (AM114) – other colours on request				
<b>Product Code</b>	<b>2211</b>				
<b>SG</b>	1.55 – 1.75 kg/lt (varies with colour)				
<b>Storage Conditions</b>	Store in dry, cool conditions and protect from frost				
<b>Shelf Life</b>	Minimum 12 months if stored as above in unopened containers				
<b>Flash Point</b>	23-60°C				

## ViterLac AM112 Urethane Alkyd MIO

<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>This product is a finish coat and should be applied over an appropriate primer and/or intermediate coat</li> <li>All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts, weld flux or other contamination</li> </ul>														
<b>Mixing</b>	Must be mixed thoroughly by using a mechanical agitator before use. Agitate periodically to ensure paint remains homogeneous.														
<b>Thinner</b>	1050 Thinner		<b>Equipment Cleaner</b> 1050 Thinner												
<b>Application Conditions</b>	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.														
<b>Application Methods</b>	<table border="1"> <thead> <tr> <th data-bbox="419 772 675 846">Method</th> <th data-bbox="675 772 922 846">Airless Spray</th> <th data-bbox="922 772 1169 846">Conventional Spray</th> <th data-bbox="1169 772 1342 846">Brush</th> <th data-bbox="1342 772 1495 846">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="419 846 675 902"></td> <td data-bbox="675 846 922 902">Yes</td> <td data-bbox="922 846 1169 902">No</td> <td data-bbox="1169 846 1342 902">Yes</td> <td data-bbox="1342 846 1495 902">Yes</td> </tr> </tbody> </table>					Method	Airless Spray	Conventional Spray	Brush	Roller		Yes	No	Yes	Yes
	Method	Airless Spray	Conventional Spray	Brush	Roller										
	Yes	No	Yes	Yes											
<ul style="list-style-type: none"> <li>Airless Spray: Output fluid pressure at tip 2500-3500 psi, Tip Size 15-21 thou (0.38-0.53 mm)</li> <li>Application by brush can achieve up to 75 microns dft</li> <li>Avoid excessive film thickness as this will cause through-drying problems</li> </ul>															
<b>Product Notes</b>	<p><b>Overcoating</b></p> <ul style="list-style-type: none"> <li>May be overcoated with itself or other white spirit based products only</li> <li>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</li> <li>The compatibility of overcoating products should be confirmed prior to application</li> </ul> <p><b>Other</b></p> <ul style="list-style-type: none"> <li>Not recommended for immersion</li> </ul>														
<b>Health &amp; Safety</b>	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.														