

## ViterLac DTM190 Primer/Finish

<b>Product Description</b>	<b>A one coat* anticorrosive alkyd primer/finish (gloss) for the ACE market.</b> Fast drying single coat system for blast cleaned steelwork for in-shop application.				
<b>Features &amp; Use</b>	<ul style="list-style-type: none"> <li>• Specially designed for the ACE market</li> <li>• Provides a colourful, high gloss system in one coat*</li> <li>• Designed for airless spray application</li> <li>• Excellent build properties and hold-up on edges</li> <li>• Resistant to splashes of diesel and hydraulic fluid (see Product Notes)</li> <li>• Can be force-dried if required depending on conditions and applied dft, please consult Axalta Coating Systems for advice</li> </ul>				
<b>Approvals/ Certification</b>	Please consult Axalta Coating Systems				
<b>Finish</b>	Gloss				
<b>Volume Solids</b>	55 ± 2% (varies with colour)				
<b>VOC Content</b>	429 ± 20 g/litre (varies considerably 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>	50 µm	91 µm	11.0 m <sup>2</sup> /litre	
	<b>Maximum</b>	100 µm	182 µm	5.5 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 70 microns DFT		<b>+10°C</b>	<b>+23°C</b>	<b>+35°C</b>
	<b>Dust Free</b>		2½ hr	1 hr	45 min
	<b>Hard Dry</b>		24 hr	16 hr	12 hr
	<b>Overcoating</b>	Minimum	24 hr	10 hr	10 hr
		Maximum	See Product Notes		
Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation					
<b>Colours</b>	BS and RAL shades by in-can tinting				
<b>Product Code</b>	<b>5005 5006 (L)</b>				
<b>SG</b>	1.00 – 1.30 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				

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<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>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</li> <li>Blast clean to Sa2½ (ISO 8501-1:2007), surface profile 50-75 microns</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>	1006 Thinner		<b>Equipment Cleaner</b> 1006 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="419 810 671 889">Method</th> <th data-bbox="671 810 938 889">Airless Spray</th> <th data-bbox="938 810 1166 889">Conventional Spray</th> <th data-bbox="1166 810 1339 889">Brush</th> <th data-bbox="1339 810 1495 889">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="419 889 671 943"></td> <td data-bbox="671 889 938 943">Yes</td> <td data-bbox="938 889 1166 943">Yes</td> <td data-bbox="1166 889 1339 943">Yes</td> <td data-bbox="1339 889 1495 943">Yes</td> </tr> </tbody> </table>					Method	Airless Spray	Conventional Spray	Brush	Roller		Yes	Yes	Yes	Yes
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<ul style="list-style-type: none"> <li>Airless Spray: Output fluid pressure at tip 2000-2500 psi, Tip Size 11-13 thou (0.28-0.33 mm)</li> <li>Conventional spray: typical atomising pressure 40-60 psi, will require thinning to 23-35 seconds at 25°C through a BS B4 Flow Cup. Multiple coats will be required to achieve recommended dft</li> <li>Application by brush/roller will result in a reduced film thickness and is recommended only for small areas of touch up/remedial work</li> </ul>															
<b>Product Notes</b>	<ul style="list-style-type: none"> <li>Damage areas may be touched up after the minimum times shown. Can be overcoated with itself indefinitely if clean and sound</li> <li>In common with most alkyd primers and primer/finishes, this product is not recommended for extended exterior exposure, exposure in aggressive or coastal locations, or for immersion. Epoxy primers are preferred for these conditions, please consult Axalta Coating Systems for advice</li> <li>When fully cured, resists splashes of diesel oil and hydraulic fluid. Splashes of petrol and brake fluid may cause some softening and loss of gloss. Splashes should be immediately removed to prevent long term film damage</li> <li>Some shades may contain lead based colourants and these are labelled (L)</li> <li>*Colours such as yellows, reds and oranges have lower opacity, especially when produced using lead-free pigments. Two or three coats of these shades may be required, relative to only one coat of a grey or red oxide, so that yellows, bright reds and oranges may not be suitable as one coat systems</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 Axalta Coating Systems.														

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