

ViterLac DTM190 Primer/Finish

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

ViterLac DTM190 Primer/Finish

Surface Preparation	<ul style="list-style-type: none"> 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 Blast clean to Sa2½ (ISO 8501-1:2007), surface profile 50-75 microns 														
Mixing	<p>Must be mixed thoroughly by using a mechanical agitator before use. Agitate periodically to ensure paint remains homogeneous.</p>														
Thinner	1006 Thinner		Equipment Cleaner 1006 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. Paint temperature should ideally be at a minimum of 15°C.</p>														
Application Methods	<table border="1"> <thead> <tr> <th data-bbox="419 813 671 887">Method</th> <th data-bbox="671 813 938 887">Airless Spray</th> <th data-bbox="938 813 1166 887">Conventional Spray</th> <th data-bbox="1166 813 1339 887">Brush</th> <th data-bbox="1339 813 1495 887">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="419 887 671 943"></td> <td data-bbox="671 887 938 943">Yes</td> <td data-bbox="938 887 1166 943">Yes</td> <td data-bbox="1166 887 1339 943">Yes</td> <td data-bbox="1339 887 1495 943">Yes</td> </tr> </tbody> </table>					Method	Airless Spray	Conventional Spray	Brush	Roller		Yes	Yes	Yes	Yes
	Method	Airless Spray	Conventional Spray	Brush	Roller										
	Yes	Yes	Yes	Yes											
<ul style="list-style-type: none"> Airless Spray: Output fluid pressure at tip 2000-2500 psi, Tip Size 11-13 thou (0.28-0.33 mm) 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 Application by brush/roller will result in a reduced film thickness and is recommended only for small areas of touch up/remedial work 															
Product Notes	<ul style="list-style-type: none"> Damage areas may be touched up after the minimum times shown. Can be overcoated with itself indefinitely if clean and sound 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 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 Some shades may contain lead based colourants and these are labelled (L) *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 														
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.