

## 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"><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</li></ul>				
Approvals/ Certification	Please consult Spencer Coatings				
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 m²/litre	
	Maximum	100 µm	182 µm	5.5 m²/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/ltr (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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<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>	<b>Method</b>	<b>Airless Spray</b>	<b>Conventional Spray</b>	<b>Brush</b>	<b>Roller</b>
		Yes	Yes	Yes	Yes
	<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 Spencer Coatings 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 Spencer Coatings.				