

## ViterPrime 016 Brushing Primer

Product Description	A single pack alkyd zinc phosphate anticorrosive primer. Can be applied to hand prepared or blast cleaned steel surfaces.				
Features & Use	<ul style="list-style-type: none"><li>• Tough and durable primer with good adhesion and mechanical properties</li><li>• For application to steelwork, plant and machinery</li><li>• White spirit based, overcoat with white spirit based topcoats</li><li>• Resistant to many lubricating oils and mild solvents</li></ul>				
Approvals/ Certification	Please consult Spencer Coatings				
Finish	Slight sheen				
Volume Solids	51 ± 2% (may vary with colour)				
VOC Content	400 ± 20 g/litre (varies considerably with colour)				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Minimum	40 µm	80 µm	12.75 m²/litre	
	Maximum	75 µm	148 µm	6.8 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 40 microns DFT		+10°C	+23°C	+35°C
	Dust Free		2 hr	1 hr	30 min
	Hard Dry		8 hr	4 hr	2 hr
	Overcoating	Minimum	14 hr	12 hr	8 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	Red Oxide, Grey				
Product Code	6016				
SG	1.32 kg/ltr (may vary 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> <li>Where blast cleaning is impractical the surface should be prepared to St2 (ISO 8501-1:2007) taking care to avoid 'polishing' the surface</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 (1006 for spraying) <b>Equipment Cleaner</b> 1050 (or 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>Conventional spray: an addition of approximately 10% of 1006 Thinner will be required to achieve optimum atomisation viscosity for spraying. Typical atomisation pressure 40-60 psi</li> <li>Application by brush/roller will result in a reduced film thickness</li> </ul>				
<b>Product Notes</b>	<b>Overcoating</b> Overcoat with intermediates and/or finishes based on white spirit such as ViterLac AM112 MIO, ViterLac 272 Polyurethane Gloss or ViterLac PU90 Gloss. Consult Spencer Coatings for advice				
<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.				