

TEMAPRIME VRP

DESCRIPTION

A single pack, fast setting, high build alkyd primer.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Compliant to PG6/34 (97)
- ◆ Excellent flow and wet edge characteristics
- ◆ Good hot spray application
- ◆ Outstanding corrosion resistance properties

TECHNICAL DATA

Volume solids 45 ± 2%. (ISO 3233)

Weight solids 60 ± 2%.

Specific gravity 1.15 – 1.35

Product code 3180 series

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
50 µm	83 µm	12.0 m ² /l
150 µm	250 µm	4.0 m ² /l

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Drying time

DFT 75 µm		+10°C	+23°C	+35°C
Dust Free		1 h	30 mins	15 mins
Hard Dry		4 h	2 h	1 h
Overcoating	min	1½ h	45 mins	45 mins
	max	Indefinite		

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Finish

Slight Sheen

Colours

Beige, Light Grey and a wide colour range readily available.

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APPLICATION DETAILS

Surface preparation	Degrease steel where necessary to SSPC-SP1 solvent cleaning to remove weld flux and general contamination prior to blasting, using 1736 Thinners. All sharp edges should be ground and weld spatter removed. Blast clean to Swedish Standard SIS 05 5900 Sa 2½ or British Standard 7079 equivalent. Maximum profile 75 microns. Should blast cleaning be impractical, degrease to SSPC-SP1 solvent cleaning and prepare to Swedish Standard St2, avoiding polishing of the surface when using mechanical tools. Oil, grease, salts and dirt should be removed by appropriate means (ISO 12944-4). Galvanised substrates – first apply a suitable adhesion primer such as Temalac Bonding Coat (3355 series). GRP/Fibreglass – abrade and degrease with 1736 Thinners.																				
Application conditions	Only apply in conditions of good ventilation which should be maintained during drying. 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.																				
Mixing	Must be mixed thoroughly before use. Use a mechanical agitator for mixing.																				
Application	<table><tr><td>Method</td><td>Airless Spray</td><td>Automatic Spray</td><td>Conventional Spray</td><td>Brush</td><td>Roller</td></tr><tr><td>Output Fluid Pressure</td><td>2000 – 2500 psi.</td><td rowspan="2">No</td><td>60 – 80 psi</td><td rowspan="2">No</td><td rowspan="2">No</td></tr><tr><td>Tip Size</td><td>13 thou</td><td>1.0 – 1.4mm tip</td></tr></table> <p>For conventional spray thin up to approx. 25% with 1736 Thinners.</p>						Method	Airless Spray	Automatic Spray	Conventional Spray	Brush	Roller	Output Fluid Pressure	2000 – 2500 psi.	No	60 – 80 psi	No	No	Tip Size	13 thou	1.0 – 1.4mm tip
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Output Fluid Pressure	2000 – 2500 psi.	No	60 – 80 psi	No	No																
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Thinner	1736 Thinner.																				
Cleaning of equipment	Remove remaining paint from equipment, flush thoroughly with 1736 Thinner until solvent appears uncontaminated.																				
FLASH POINT	21 - 32°C																				
STORAGE	Store in dry, cool conditions and protect from frost.																				
HEALTH AND SAFETY	Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets. A health and safety data sheet is available on request from Protega Coatings Ltd.																				
PRODUCT NOTES	Overcoat using: Temalac FD95 – modified PU-alkyd gloss Temathane PLV – 2 pack polyurethane gloss finish Temadur HS90 - 2 pack polyurethane gloss finish Temadur 90 - 2 pack polyurethane gloss finish																				