

PROTEGAPRIME VRP

DESCRIPTION

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

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Specially designed for the CV market as a primer for ProtegaLac TF95 topcoat.
- ◆ Compliant to PG6/34b (06) (below 540 gm/lt)
- ◆ 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	111 µm	9.0 m ² /l
150 µm	333 µm	3.0 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 ProtegaClad Bonding Coat.

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

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		

Airless spray application recommended.

For conventional spray thin up to approx. 25% with 1736 Thinners. Note: this may render the thinned product non-compliant with PG6/34b (06). Please check the VOC content of the particular colour used and degree of thinning with Protega Paints to ensure compliance.

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.

VOC

Volatile Organic Compound content: 492 ± 30 gm/lit, varies with colour.

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 Paints Ltd.

PRODUCT NOTES

Overcoat using: ProtegaLac TF95 – modified urethane alkyd gloss
ProtegaThane PLV – 2 pack polyurethane gloss finish
ProtegaDur HS90 - 2 pack polyurethane gloss finish