

PROTEGAPRIME QD

DESCRIPTION High build modified alkyd primer.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Suitable for agricultural and earth moving equipment.
- ◆ Quick air-drying.
- ◆ Good corrosion resistance.
- ◆ High build primer.
- ◆ Suitable for application by conventional and airless spray.

TECHNICAL DATA

Volume solids 40 ± 5% (ISO 3233), depending on colour.

Weight solids 55 ± 5%, depending on colour.

Viscosity 2.0 – 3.0 poise Rotothinner @ 25°C depending on colour.

Specific gravity 1.15 – 1.30

Product code 3187 series

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
40 µm	100 µm	10.0 m ² /l
50 µm	125 µm	8.0 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

	+ 23 °C
DFT 50 µm	
Flash off	10 – 15 mins
Air dry	Touch ½ h. Hard overnight
Force dry	30 minutes @ 60°C (metal)
Recoatible, without sanding	Before 4h and after 24h.

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

Finish Matt

Colours Black, Yellow Oxide and other colours to customer requirements.

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APPLICATION DETAILS

Surface preparation	Oil, grease, salts and dirt should be removed by appropriate means (ISO 12944-4). Pre-treatment improves adhesion and reduces corrosion under the paint film. The type of pre-treatment depends on the requirements for corrosion protection e.g. <ol style="list-style-type: none">1. Zinc phosphate with Cr-VI passivation.2. Iron phosphate with demineralised water rinsing (insufficient rinsing can lead to the osmotic formation of bubbles).3. Alkaline or neutral degreasing.4. Clean steel.
Finish	May be overcoated with a range of topcoats. Please consult Protega Paints for advice.
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	Airless spray application ready for use. Typical tip sizes employed are 11 – 13 thou. Suitable for spraying by conventional air spray when thinned to 25 – 35 seconds BSB4 @ 25°C.
Thinner	1006 Thinner.
Cleaning of equipment	Remove remaining paint from equipment, flush thoroughly with 1006 Thinner until solvent appears uncontaminated.
FLASH POINT	22 - 32°C
STORAGE	Store in dry, cool conditions and protect from frost.
VOC	Volatile Organic Compound content: 522 ± 20 gm/lit, varies considerably 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.