

PROTEGAPLAS QD

DESCRIPTION Quick air-drying acrylic enamel for the coating of plastic substrates.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Suitable for coating a variety of plastic substrates.
- ◆ Very quick air-drying.
- ◆ Available in a wide range of gloss levels.
- ◆ Good resistance properties.
- ◆ Suitable for application by conventional spray.

TECHNICAL DATA

Volume solids 27 ± 5% depending on colour

Weight solids 38 ± 10% depending on colour.

Viscosity 6 – 9 Poise @ 25°C depending on colour.

Specific gravity 0.90 – 1.10 depending on colour.

Product code Existing shades: 2812 series
New shades : 2845 (QD20), 2846 (QD50) and 2847 (QD90).

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
10 µm	33 µm	30.0 m ² /l
20 µm	66 µm	15.0 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 15 µm	+ 23 °C
Flash off	10 min
Air dry	Touch 15 min Hard overnight
Force Dry	5 min @ 60°C
Overcoating	No limits.

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

Finish Low gloss (QD20), Semi-gloss (QD50) and High gloss (QD90).

Colours White, Grey, Black, Clear and a full range of colours to customers specifications.

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APPLICATION DETAILS

Surface preparation	Suitably cleaned plastics such as: ABS, Polystyrene (including high impact grades) and Polycarbonate. Surfaces should be clean dry and free from all grease, oil and general contamination.
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	Suitable for spraying by conventional air spray when thinned to 13 – 15 seconds BSB4@ 25°C.
Thinner	1701 Thinner – 1 part paint to 3 parts thinner by volume.
Cleaning of equipment	Remove remaining paint from equipment, flush thoroughly with 1701 Thinner until solvent appears uncontaminated.
FLASH POINT	Below 23°C
STORAGE	Store in dry, cool conditions and protect from frost.
VOC	Volatile Organic Compound content: 675 ± 20 gm/lt, 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 Coatings Ltd.