

PROTEGAPLAS PP-W

DESCRIPTION Low bake water borne enamel for polypropylene plastic substrates.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Good resistance properties.
- ◆ Suitable for application by conventional spray.
- ◆ Available as a primer or a one coat finish.
- ◆ Water borne – low VOC's.

TECHNICAL DATA

Volume solids 30 ± 10% (ISO 3233) depending on colour.

Weight solids 35 ± 10% depending on colour.

Viscosity 20 – 30" BSB4 @ 25°C depending on colour.

Specific gravity 1.00 – 1.20 depending on colour.

Product code 3450 series

pH 7.5 – 8.0

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
10 µm	29 µm	35 m ² /l
20 µm	57 µm	17.5 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

Flash off	1 mins
Force dry	10 mins/80°C (Dependent on grade of polypropylene) Production line evaluation is advised.
Overcoating	Refer to Protega Coatings.

Drying times quoted are dependent on good air movement, temperature and humidity. For best results, good ventilation, a minimum temperature of 15°C and a relative humidity below 70% are recommended.

Finish High sheen and semi-matt.

Colours Grey and Silver.

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APPLICATION DETAILS

Surface preparation	Suitably cleaned polypropylene.
Application conditions	Only apply in conditions of good ventilation which must 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 ambient temperature should be above 10°C and the Relative Humidity should not exceed 80%.
Application	Suitable for spraying by conventional air spray ready for use, 20 – 30 seconds BSB4@25°C.
Thinner	Potable water.
Cleaning of equipment	Remove remaining paint from equipment, flush thoroughly with water or cleaning solution ProtegaClean 1921 (4164 106) until solution appears uncontaminated.
FLASH POINT	Above 55°C
STORAGE	Store in dry, cool conditions and protect from frost.
VOC	Volatile Organic Compound content: approx. 70 ± 40 gm/ltr, 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.