

PROTEGA CLAD PV

DESCRIPTION

A single pack, modified acrylic finishing paint for economic cladding maintenance.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Specifically formulated for application to Plastisol and polyester coated surfaces.
- ◆ Can be applied over special Protega primers for use on aluminium and galvanised substrates.
- ◆ Provides good resistance to UV attack by combining chemical and light fast pigments.
- ◆ Easily applied by spray, brush or roller.

TECHNICAL DATA

Volume solids 36 ± 2% (ISO 3233)

Weight solids 53 ± 2%.

Specific gravity 1.18 – 1.22 depending on colour.

Product code 2947 series.

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
30 µm	83 µm	12.0 m ² /l
50 µm	139 µm	7.2 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 40 µm		+10°C	+23°C	+35°C
Dust Free		4 - 6 h	2 - 4 h	2 - 3 h
Hard Dry		48 h	24 h	16 h
Overcoating	min	16 h	8 h	6 h
	max	Indefinite		

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

Finish Semi-gloss.

Colours BS4800, RAL, BS5252 and BS381C and others on request.

PROTEGA CLAD PV

APPLICATION DETAILS

Surface preparation

Plastisol (HP200 type) – existing coatings should be sound and firmly adherent. Any loose, crazed or suspect areas should be stripped to bare substrate and appropriately primed - please contact Protega Coatings for advice. Fresh Plastisol (<1 month weathering) should be solvent washed with White Spirit prior to coating. Weathered Plastisol (>1 month weathering) should be primed with ProtegaClad Bonding Coat prior to applying ProtegaClad PV (see Product Notes). ProtegaClad PV is not suitable for HPS200* Plastisol, which is recognised by its minute 'dot' appearance, rather than the 'leathery' fine surface texture of traditional (HP200*) Plastisol. For overcoating HPS200*, use ProtegaClad 50 or M50.

Galvanising or aluminium – should be prepared by degreasing and the removal of oxidation back to a firm substrate with no powdery deposits, and primed with a suitable primer such as ProtegaClad Bonding Coat – please consult Protega Coatings for advice.

Surfaces should be clean, dry and free from all grease, oil and general contamination.

Application conditions

Only apply in conditions of good ventilation, which must be maintained during drying. Do not apply in windy conditions where wind is likely to carry spray mist. Do not apply when rain, mist, sleet, or snow are imminent. During application and drying time of the paint coating, the surface must be dry, the relative humidity should not exceed 85% and the surface temperature of steel should remain at least 3°C above the dew point.

Mixing

Mix thoroughly before use. Ensure complete homogeneity before use.

Application

Method	Airless Spray	Automatic Spray	Conventional Spray	Brush	Roller
Output Fluid Pressure	2700 - 3100 p.s.i.	No	No	Yes	Yes
Tip Size	18 – 27 thou				

Dependent on temperature, the product may be thinned up to 10% using 1006 Thinner to aid application properties.

Thinner

1006 Thinner

Cleaning of equipment

Remove remaining paint from equipment, flush thoroughly with 1006 Thinner until solvent appears uncontaminated.

FLASH POINT

32 - 55°C

STORAGE

Store in dry, cool conditions and protect from frost.

VOC

Volatile Organic Compound content: 559 ± 20 gm/ltr, 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 Coatings Ltd.

PRODUCT NOTES

A system normally consists of ProtegaClad Bonding Coat followed by two coats of ProtegaClad PV. In some instances ProtegaClad PV can be applied directly to sound Plastisol surfaces - please consult Protega Coatings for further advice.

For optimum longer term performance, ProtegaClad 50 is recommended.

For best opacity, particularly with bright tinted colours such as bright yellows, oranges and reds, this product should be applied over a primer or intermediate coat tinted to the recommended undercoat shade – please consult Protega Coatings for details.

** HP200 & HPS200 are registered Trade Marks of Corus UK Ltd.*