

## TEMACLAD PV

### DESCRIPTION

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

### PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Specifically formulated for application to Plastisol and polyester surfaces.
- ◆ Can be applied over special Protega primers for use on aluminium and galvanised substrates.
- ◆ Provides excellent 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 <sup>2</sup> /l
50 µm	139 µm	7.2 m <sup>2</sup> /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.

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### APPLICATION DETAILS

#### Surface preparation

**Plastisol** – please contact Protega Coatings for a detailed specification sheet relating to the repainting of plastisol sheeting.

Temaclad PV is not suitable for new HPS200 plastisol, which is recognised by its minute 'dot' appearance, rather than the 'leathery' fine surface texture of traditional plastisol. For overcoating plastisol HPS200, use Temaclad 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.

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.

#### 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.

#### 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 Temaclad Bonding Coat followed by two coats of Temaclad PV. In some instances Temaclad PV can be applied directly to Plastisol surfaces. Consult Protega Coatings for detailed advice.

See separate Temaclad PV series Application Sheet for full details on recommended procedures for specific systems.