

PROTEGA CLAD L J F

DESCRIPTION

A single pack, gun applied, recoatable gap filler, specifically formulated for the repair of overlap joints on all types of Architectural cladding in conjunction with ProtegaClad CEP.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Easy, rapid application by gunning.
- ◆ Used in conjunction with ProtegaClad CEP primer/finish.
- ◆ Gaps of up to 10mm accommodated.
- ◆ Suitable for use on steel, galvanising, Plastisol, PVF2, Silicone Polyesters & most other cladding substrates.
- ◆ Very high adhesive strength and ultimate elongation of 550%.
- ◆ Movement accommodation factor $\pm 50\%$ to tolerate dimensional changes.
- ◆ Polyurethane and Polysiloxane free.
- ◆ Low temperature curing and good climatic tolerance.
- ◆ Application temperature $+4^{\circ}\text{C}$ to $+40^{\circ}\text{C}$.
- ◆ Cures by reaction with atmosphere moisture.
- ◆ Shore Hardness 30 (approx).
- ◆ Cured temperature resistance -40°C to $+90^{\circ}\text{C}$.
- ◆ Lap shear strength 15.8 mpa's/2,260 psi.
- ◆ Adhesive strength 24.25 mpa's/3,460 psi.

TECHNICAL DATA

Volume solids 99 \pm 1% (ISO 3233).

Weight solids 99 \pm 1%.

Specific gravity 1.49 – 1.51.

Product code 2881 156.

Theoretical coverage estimates	<u>Joint Size</u>	<u>Linear Metres per 310ml cartridge (approx.)</u>
	6mm x 6mm	8.6
	9mm x 6mm	5.7

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Drying time

@ RH 40% min.		+5°C	+10°C	+23°C	+35°C
Tooling Time		40 mins	30 mins	20 mins	15 mins
Full Cure (approx.)		14 d	10 d	7 d	5 d
Overcoating*	min	40 mins	30 mins	20 mins	15 mins
	max	Indefinite if clean and sound			

Drying and recoating times are related to the bead thickness, temperature, the relative humidity of the air and ventilation. To effect cure, a minimum RH of 40% is required.

Finish Smooth bead.

Colours Grey (approx. 10A05).

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APPLICATION DETAILS

Surface preparation	Surfaces should be clean, dry and free from all grease, oil and general contamination. Prepare steel substrate to Swedish Standard St2 minimum, avoiding 'polishing' of surfaces when using power tools. Use dry compressed air to dry overlap joint gap prior to filling.
Application conditions	Only apply in conditions of good ventilation, which must be maintained during curing. Do not apply when rain, mist, sleet, or snow are imminent. During application and drying time of the filler, the surface must be dry and the ambient temperature should be a minimum of 4°C, with the Relative Humidity below 85%. The surface temperature of steel should remain at least 3°C above the dew point. Minimum Relative Humidity of 40% is required to effect curing.
Application	<ol style="list-style-type: none">1) Apply evenly by gun into the overlap gap to achieve a bridged seal, applying a consistent bead, angled towards the lower sheet.2) Apply ProtegaClad CEP over the filler and stripped area to overlap the sound original coating by a minimum of 2.5cms to either side of the joint, taking care to avoid thick edges which may allow ponding to occur. Use the ProtegaClad CEP to achieve a smooth, sealed band. Consult ProtegaClad CEP Product Data Sheet.
Thinner	Not applicable.
Cleaning of equipment	1031 Thinner.
FLASH POINT	Above 56°C.
STORAGE	Store in dry, cool conditions and protect from frost.
VOC	Volatile Organic Compound content: 0 ± 15 gm/lt.
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	This product is a gunning filler which can be applied over clean substrates, consult Protega Coatings for full details. Packaging – 310ml Cartridges. *Overcoating: refers to overcoating with ProtegaClad CEP.