
Product Name: Water Removable Laser Stop Off

Product Number: PL221

Product Description: Green coloured viscous liquid, used to seal titanium parts prior welding; to aid removal of weld spatter and avoid contamination of the components.

The coating is designed around a water washable organic binder filled with inert inorganic fillers. The coating dries to a Green Matt Waxy finish that is resilient to moderate handling.

Removal with water, warm water will speed up the removal.

Approvals/Specifications: Manufactured to be halogen free for use on Titanium substrates. The stop off is designed for use on non-ferrous metals, the water content will lead to rusting of ferrous substrate. The specific blend of materials used for this coating has been vetted to ensure that non halogens in particular chlorine is present.

Performance: Resistance to extreme temperatures during welding and lazer cutting/drilling operations. The dry coating has been tested for operations that involve welding, cutting and lazer drilling non-ferrous metals. The coating thickness requirment is application specific and should be evaluated at the start of any new use.

Components: Single Pack Product. May be thinned for application using water.

Application:

Surface Preparation: Ensure surfaces are clean and free from dust/dirt

Paint Preparation: Ready to use

Application Method:

Apply spray or by brush. This coating is designed for spray application at supply viscosity

Remove after welding with water. This coating will wash off in cold water, the use of warm water reduces the cleaning time. Application in cold environments will significantly increase the drying time

Drying Curing:

Air Dry: (applicable where a moderate air movement is present)

Hard Dry: 2-4 hours

Touch Dry: 30 minutes

Forced Drying:

This coat can be force dried at up to 80°C to speed up production times

Technical Properties:

Supply Viscosity:	2700-330 cps
Flash Point:	>100°C
VOC Content:	58 grams / litre
Colour:	Green
Pack Size:	5 Litres
Specific Gravity:	1.17 g/ml
Gloss:	Matt
Thinner:	Water
Solvent/Clean Up:	Water
Catalyst:	Ready for Use
Theoretical Coverage:	284m ² / Litre / micron

Storage:

Highly flammable liquid: store and use in accordance with the flammable liquid regulations

Shelf Life: 12 months temperate; 6 months tropical

Before use, refer to Product Safety Data Sheet

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Safety Data Sheets:

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