

A-3130S™

27.11.2014

UVA PRIMER SURFACER

DESCRIPTION

A UVA Primer Surfacer Developed for ultra-fast spot repair processes. It can be applied directly to metal and it dries quickly under low-intensity UV lamps. The entire coating is fully cured on exposure and it can be sanded immediately on cooling.

PRODUCTS

A-3130S UVA Primer Surfacer

PROPERTIES

- Chromate Free
- Ready to spray filler
- Excellent film build

SUBSTRATES

- Sanded bare metals, steel, aluminium, galvanised steel
- Sanded OEM finishes*
- Sanded cured repaired finishes
- Properly prepared plastic OEM finishes and OEM plastic replacement parts

* Not recommended to repair thermoplastic acrylic finishes.

PRODUCT PREPARATION

Mixing Components:

A-3130S UVA Primer Surfacer

Mix Ratio:

Ready-to-spray

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SURFACE PREPARATION

- Degrease with 3919S or 3910WB. Wipe dry using clean Sontara® wipes.
- Make sure to sand beyond the area to be primed with 320 grit or finer to ensure good adhesion at the thin edge of the primer. Sand and featheredge as follows:

Steel:	min. P180 grit	E-coat:	min. P320 grit
Aluminium:	min. P240 grit	Cured paint:	min. P320 grit
Galvanised:	min. P320 grit	OEM featheredge:	min. P180 grit followed by P240 grit
- Clean sanded area with 3920S or 3911WB using clean Sontara® wipes.
- Wipe dry before priming.
- For corrosion protection on bare steel and improved coverage of topcoats it is recommended to apply 1K etch primer prior to applying UV primer.
- For best adhesion to bare plastic apply 1K Plastic Primer 800R prior to application of UV primer.

APPLICATION

- For small spot repairs only, 20cm x 20cm
- Shake the aerosol for 2 minutes after the mixing marble inside is heard and spray to test application.
- For minor filling and scratches apply 2-3 coats at a spray distance of 15-20cm then cure with UV Lamp for 2-3 minutes at a distance of 15-20cm. No flash between coats required.
- If more filling is required a second application is necessary, lightly sand and apply a further 2-3 coats at a spray distance of 15-20cm then cure with UV Lamp for 2-3 minutes at a distance of 15-20cm.

Tips for success:

Do not spray to hiding because the coating thickness will far exceed 150 microns and it will not cure at a satisfactory rate.

The UV lamp will need a “warm up” time of a few minutes when first turned on.

SANDING

Prior to sealing or top coating P320/400 – final sanding with P500/800 dry.

RECOATABILITY

All Cromax Topcoats, Primers and Surfacer.

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UV CURING

- The exposure time required to obtain proper UV cure depends on many factors; light source type, lamp power, reflector design, lamp distance to the surface, ambient temperature, part temperature, etc.
- Allow to cool before sanding

PHYSICAL PROPERTIES

Theoretical Coverage:	25 sq. meters per litre at 25 microns.
Recommended Dry Film Thickness:	60-120 microns in 2 to 3 coats.
Flash Point:	See MSDS
Shelf life at 20°C	2 years

SAFETY

- Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.
- For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and MSDS precautions. If mixed with other components, mixture will have hazards of all components.
- Refer to UV lamp manufacturer's instructions, as not all UV lamps operate the same.
- Do not expose eyes or skin to direct UV light. Use UV safety Glasses
- UV lamps get very hot and should be kept away from solvent fumes. Be careful to avoid burns to skin.
- Do not use the lamp if the filter glass is damaged in any way or not securely in place.

All other products referred to in the paint system build-up are from Cromax®. System properties will not be valid when the related material is used in combination with any other materials or additives not belonging to Cromax®, unless explicitly indicated otherwise.

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