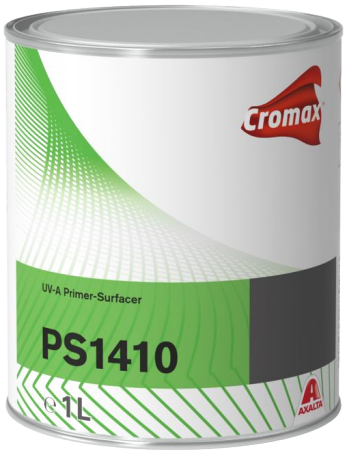
PS1410
UV-A PRIMER-SURFACER



PRODUCT DESCRIPTION

The semi-transparent, highly-productive PS1410 UV-A Primer-Surfacer is designed for Fast Repair and small areas of damage. It can be cured quickly and easily with any HID mercury lamp or any UV-A light emitting LED lamp with sufficient intensity in the 360-400 nm range.

UV curing Primer-Surfacer for quick repairs of smaller areas

FEATURES

01 Ready to use; no activator or thinner needed.

02 Highly productive; fast flash-off time and quick drying performance.

03 Addition to the Cromax undercoat portfolio.

04 Suitable for use on a variety of well-prepared substrates.

05 Excellent spraying and sanding properties.

06 Can be over-coated with all Cromax Basecoats and Topcoats.

TECHNICAL DATA SHEET

PS1410

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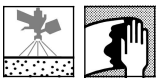
Product preparation - application UV-A lamp

It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



Bare steel sanded and cleaned
Galvanized steel sanded and cleaned
Sandthroughs of maximum 3 cm to bare aluminium, sanded and cleaned
Old or original paintwork well sanded and cleaned.
Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.
OEM Primer (e-coat), sanded and cleaned.
Rigid & half rigid types of plastics primed with 800R/800RA Plastic Adhesion Promotor after preparation (cleaning/tempering/cleaning).

Ready to use

Not applicable

	Spray nozzle	Spray pressure	
Compliant	1.2	1.8 - 2 bar	inlet pressure
HVLP	1.2	0.7 bar	atomisation pressure

see manufacturer's instructions

2 light coats

intermediate flash-off not needed
final flash-off: 2 min

Estimated curing time for dedicated 400W Mercury HID Lamps: 3 minutes at a distance of 10 cm. Estimated curing time for a UV-A light emitting LED Lamp (360 nm - 400 nm with 350mW/cm² peak light performance): 1 minute at a distance of 10 cm in the area of peak light performance.By using UV-A light emitting LED lamps curing times can be reduced due to higher intensities in the relevant wavelength range (360 nm-400 nm).A sufficient curing and adhesion is dependent on: dry film thickness, intensity & emission spectrum of the UV lamp, distance to the object, size of the repair and curing time. UV-A lamps have considerable differences in their performance, therefore we recommend to make test application together with your chosen lamp to ensure good through curing.The product is slightly transparent in order to achieve good drying. Do not apply to coverage!

P500 - P600

Basecoat + Clearcoat
2K Topcoat

VOC compliant

2004/42/IIB(c)(540) 425: The EU limit value for this product (product category: IIB(c)) in ready to use form is maximum 540 g/l of VOC. The VOC content of this product in ready to use form is maximum 425 g/l.

TECHNICAL DATA SHEET

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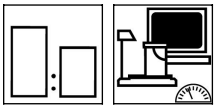
UV-A PRIMER-SURFACER

Products

PS1410 UV-A Primer-Surfacer

Product mix



Mixing ratios with special agents are available in the productmix table on ChromaWeb and in the specific TDS.

70 - 90 µm
If higher film builds are needed, intermediate drying under UV-light is necessary before re-application of further coats. An intermediate sanding in the course of this process is not required.

Theoretical coverage

470 m²/l at 1 micron dry film thickness
Due to different activator characteristics and different mixing ratios of the ready-to-use mixture in some TDS versions, the theoretical coverage calculation may vary.
Note: The practical material consumption depends on several factors, e.g. geometry of the object, surface formation, application method, spray gun setting, inlet pressure, etc.

Clean after use with a suitable solventbased guncleaner.

Remarks

- Material has to be at room temperature (18-25°C) before use.
- Surplus ready for use material should not be returned to original can.
- Follow strictly the operating instructions for the specific drying equipment used.
- The UV-A Primer-Surfacer has to be thoroughly stirred before use.
- Spray guns should be equipped with a light-proof gravity cup.
- With regard to flexibilizing properties, the use of Flexible Additive 805R is not allowed.
- On bare steel, galvanized steel and soft aluminium, PS1800 Metal Pretreatment Wipes can be applied for improved corrosion protection and adhesion.

Drying by UV-A radiation

- The handling of ultraviolet radiation sources requires, however, particular care. Only with an appropriate handling of a licensed ultraviolet drying equipment potential dangers can be avoided.
- Follow strictly the operating and safety instructions of the producer of the UV-A drying equipment.
- The following UV protection for skin and eyes should be used:
- Wearing UV protective face mask.
- Wearing UV light absorbing / reflecting gloves and working clothes.

Consult Safety Data Sheet prior to use. Observe the precautionary notices displayed on the container.

All other products referred to in the refinish build up are from our Cromax product range. System properties will not be valid when the related material is used in combination with any other materials or additives which are not part of our Cromax product range, unless explicitly indicated otherwise.