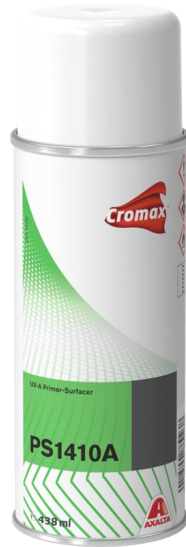


PS1410A

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



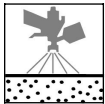
PS1410A

UV-A PRIMER-SURFACER

Product preparation - application UV-A lamp



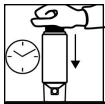
It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



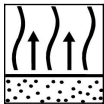
Bare steel sanded and cleaned
Galvanized steel sanded and cleaned
Sandthroughs of maximum 3 cm to bare aluminium, sanded and cleaned
Old or original paintwork well sanded and cleaned.
Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.
OEM Primer (e-coat), sanded and cleaned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



Shake before use. (for at least 2 minutes)
Make a spray test after shaking.



Not applicable

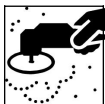


2 light coats
Do not apply to coverage.

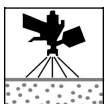
intermediate flash-off not needed
final flash-off: 2 min



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
Centari 2K Topcoats

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



PS1410A

UV-A PRIMER-SURFACER

Products

PS1410A UV-A Primer-Surfacer



50 - 70 μm

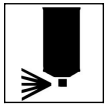
If higher film builds are needed, intermediate drying under UV-light is necessary before re-application of further coats. An intermediate sanding in the course of this process is not required.

Theoretical coverage

470 m^2/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.



After use, hold aerosol can upside down and spray briefly to clean nozzle.

Remarks

- Material has to be at room temperature (18-25°C) before use.
- Application distance to the substrate should be 15 until 25 cm.
- Vehicle areas where fuel vapour may occur, e.g. tank caps, may not be repaired.
- Masking paper must be removed completely before drying by pulsed UV lamp.
- The material can be overcoated with itself after UV-drying without intermediate sanding.
- Follow all safety instructions.
- Do not operate equipment before reading and understanding the manufacturer's user manual and safety instructions.
- Stored material should not be exposed to light.
- On bare steel, galvanized steel and soft aluminium, PS1800 Metal Pretreatment Wipes can be applied for improved corrosion protection and adhesion.

TECHNICAL DATA SHEET

PS1410A



UV-A PRIMER-SURFACER

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.

For professional use only! The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check the information with regard to up-to-dateness and suitability for his intended purpose. The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved. The relevant Material Safety Data Sheet and Warnings displayed on the product label need to be observed. We may modify and/ or discontinue operation of all or portions of this Information at any time in our sole discretion, without notice and assume no responsibility to update the Information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.