

Standoflash UV-A Filler U7120



Standoflash UV-A Filler U7120 is suited for small damage repairs including spot repairs and Micro Repair. The extremely short drying times can be achieved with any HID mercury or any UV-A light emitting LED lamp with sufficient intensity in the 360-400 nm range.

- 1K primer surfacer: ready for use (no pot life).
- Can be applied directly to metal.
- Application in a single spray process (One Visit Application).
- Extremely short drying time with any HID mercury or any UV-A light emitting LED lamp with sufficient intensity in the 360-400 nm range.
- Easy to sand.
- Can be over-coated with all Standox Basecoats and Topcoats.
- Excellent topcoat holdout.
- Light grey in colour; slightly transparent.

Primer surfacer for extremely fast spot repairs and Micro Repair.



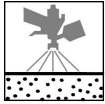
The Art of Refinishing.

Standoflash UV-A Filler U7120

Product preparation - application UV-A lamp



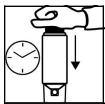
It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



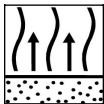
Bare steel sanded and cleaned
Galvanized steel sanded and cleaned
Sandthroughs of maximum 3 cm to bare aluminium, sanded and cleaned
Old or original paintwork well sanded and cleaned.
Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.
OEM Primer (e-coat), sanded and cleaned
Rigid & half rigid types of plastics primed with Standoflex Plastic Primer U3060/U3060S / Standoflex Plastic Adhesion Primer U3070/U3070S after preparation (cleaning/tempering/cleaning).



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



Not applicable

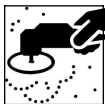


2 light coats
Do not apply to coverage.

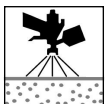
intermediate flash-off not needed
final flash-off: 2 min



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
2K Topcoat

VOC compliant

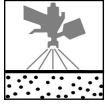
2004/42/IIB(c)(540) 425: The EU limit value for this product (product category: IIB(c)) in ready to use form is maximum 540 g/l of VOC. The VOC content of this product in ready to use form is maximum 425 g/l.

Standoflash UV-A Filler U7120

Product preparation - application VISIT UV Flash Dry lamp - Metal



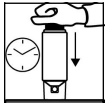
It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



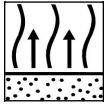
Bare steel sanded and cleaned
Galvanized steel sanded and cleaned
Sandthroughs of maximum 3 cm to bare aluminium, sanded and cleaned
Old or original paintwork well sanded and cleaned.
Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.
OEM Primer (e-coat), sanded and cleaned



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



Not applicable



2 light coats
Do not apply to coverage.

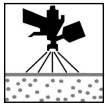
intermediate flash-off not needed
final flash-off: 2 min



VISIT UV Flash Dry 15/700
2 x 20 flashes



P500 - P600



Basecoat + Clearcoat
2K Topcoat

VOC compliant

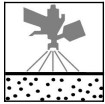
2004/42/IIIB(e)(540) 425: The EU limit value for this product (product category: IIB(e)) in ready to use form is maximum 540 g/l of VOC. The VOC content of this product in ready to use form is maximum 425 g/l.

Standoflash UV-A Filler U7120

Product preparation - application VISIT UV Flash Dry lamp - Plastic



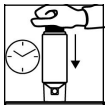
It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



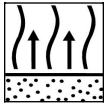
Plastic substrates coated with Standoflex Plastic Primer U3060/U3060S / Standoflex Plastic Adhesion Primer U3070/U3070S.



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



Not applicable



0.5 coat

VISIT UV Flash Dry 15/700
20 flashes

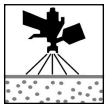
0.5 + 1

1 operation
1st: thin and closed
2nd: normal

final flash-off: 2 min
VISIT UV Flash Dry 15/700
20 flashes
with intermediate flash-off: 1 min
VISIT UV Flash Dry 15/700
20 flashes



see above



Basecoat + Clearcoat
2K Topcoat

VOC compliant

2004/42/IIB(e)(540) 425: The EU limit value for this product (product category: IIB(e)) 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.

Standoflash UV-A Filler U7120

Products

Standoflash UV-A Filler U7120



50 - 70 μm

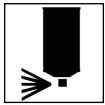
If higher film builds are needed, intermediate drying under UV-light is necessary before re-application of further coats. An intermediate sanding in the course of this process is not required.

Theoretical coverage

470 m²/l at 1 micron dry film thickness

Due to different hardener 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, Standox Express Prep Wipes U3000 can be applied for improved corrosion protection and adhesion.
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Standoflash UV-A Filler U7120

Health and safety with the use of the Standoflash UV lamp:

When applying Standoflash UV-A Filler U7120 the same protective and safety measures are to be taken as for standard paint materials.

Handling UV sources, however, requires particular care. Dangers can only be avoided if licensed UV drying equipment is used in the proper way.

For this reason the following notes are to be observed when using UV technology:

Operating the equipment:

Strictly follow the operating instructions of the manufacturer for the UV drying equipment VISIT UV Flash Dry 15/700.

Skin and eye protection:

To protect the skin and the eyes from blinding and UV radiation the following measures are to be taken:

- Wear a UV protective face mask
- Wear UV light absorbing / reflecting gloves
- Wear UV light absorbing / reflecting clothing
- No unprotected personnel should be within a distance of 5 metres from the lamp during use.

Working area:

To rule out possible misuse, we recommend setting up a separate ventilated work area.

Maximum exposure level:

Measurements performed in-house showed that when the UV Flash Dry device 15/700 from VISIT is used in the proper way (flexible seal lying on completely flat surface, see operating instructions), UV radiation generally remains below the permissible daily dose of 30 J/m² stipulated by the ICNIRP, provided the output of 3000 pulses per 8 hour working day is not exceeded. Please note that the reflector is equipped with a glare shield which must be intact at the time of usage of the reflector.

Measurement of the UV radiation on-site is strictly required if the number of pulses exceeds 3000 pulses per 8 hour working day. Please contact the respective Institution for Statutory Accident Insurance and Prevention in this case.

Training of personnel:

UV drying equipment may only be used by instructed and trained personnel. In accordance with the legal requirements, the bodyshop should display operating instructions describing the use of the device.

Health and safety with the use of UV-A lamps:

When applying Standoflash UV-A Filler U7120 the same protective and safety measures are to be taken as for standard paint materials.

Handling UV-A radiation sources, however, requires particular care. Dangers can only be avoided if licensed UV drying equipment is used in the proper way.

For this reason the following notes are to be observed when using UV technology:

Operating the equipment:

Strictly follow the operating instructions of the manufacturer.

Skin and eye protection:

To protect the skin and the eyes from blinding and UV radiation the following measures are to be taken:

- Wear a suitable UV protective face mask
- Wear UV light absorbing / reflecting gloves

Standoflash UV-A Filler U7120

- Wear UV light absorbing / reflecting clothing

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 Standox 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 Standox product range, unless explicitly indicated otherwise.

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