

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 small bare metal areas.
- 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.



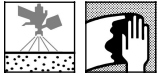
The Art of Refinishing.

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 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
Standocryl 2K Topcoats

VOC compliant

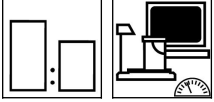
2004/42/IIB(c)(540) 425: The EU limit value for this product (product category: IIB(c)) in ready to use form is maximum 540 g/l of VOC. The VOC content of this product in ready to use form is maximum 425 g/l.

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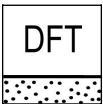
Products

Standoflash UV-A Filler U7120

Product mix



Mixing ratios with special agents are available in the productmix table on Standowin IQ 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 m^2/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.



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.
 - Any other UV-A lamp technology needs to be checked.
 - Vehicle areas where fuel vapour may occur, e.g. tank caps, may not be repaired.
 - Filler cannot be tinted.
 - Spray guns should be equipped with a light-proof gravity cup.
 - Stir very well with the mixing stick before pouring.
 - With regard to elastifying properties, the use of Standox Plasticiser is not allowed.
 - 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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Working area:

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

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
- 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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