



# **Standoflash**

## **UV-A-Füller U7120**

### **UV-A Filler U7120**

- **1K primer surfacer for spot and micro repair**
- **Direct to metal application**
- **One visit application**
- **Overcoatable with all Standox Basecoats and Topcoats**
- **Extremely short drying time**
- **Excellent gloss holdout**



## **Technical Description:**

- Ready to spray
- 1 working spray pass
- Any commercial mercury bulb UV-A lamp with at least 400 W or a lamp developing equivalent intensity using another technology  
or
- Standoflash UV Lamp VISIT UV Flash Dry 15/700 can be used.
- Dry sand and wet sand

# Standoflash UV-A-Füller U7120

## Substrate:

- Steel, cleaned and sanded
- Electroplated / roller galvanised steel, thoroughly cleaned and sanded
- Aluminium, thoroughly cleaned and sanded. Sanded-through OEM repairs only recommended in a size of max. 3 cm diameter.
- Through-hardened sanded paintwork
- OEM primer (e-coat), sanded and thoroughly cleaned
- Standox PE substrates, finely sanded

Substrates must be carefully sanded and cleaned.

## Pretreatment / Cleaning:



For substrate preparation information see Standox Painting System S1.



This product is classified according to regulation (EC) 1272/2008 (CLP).

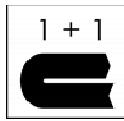
Please consult the Safety Data Sheet. It is strongly recommended to use appropriate personal protection equipment during application.

If higher film thicknesses are needed intermediate drying under UV light is necessary. When recoating Standoflash UV-A Filler U7120 immediately with itself, sanding is not required.

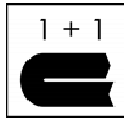
When using more powerful lamps or shorter distance to the substrate the drying time can be reduced. We recommend in this case to perform an adhesion test beforehand.

## Application: on metal

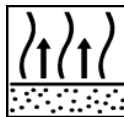
Ready to spray



Compliant 1.2 mm  
1.8 -2.0 bar inlet pressure  
1 + 1 = 70 - 90 micron  
apply two light coats w/o intermediate flash-off



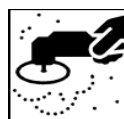
HVLP 1.2 mm  
0.7 bar atomization pressure  
1 + 1 = 70 - 90 micron  
apply two light coats w/o intermediate flash-off



2 min / 18-22°C



Commercial mercury bulb UV lamp with at least 400 W performance  
3 min with 15 cm distance to the object  
6 min with 25 cm distance to the object  
optional  
Standoflash UV Lamp  
VISIT UV Flash Dry 15/700  
2 x 20 flashes per repair area



P500 - P600  
Orbital sander



P800



Standocryl VOC Topcoat or  
Standohyd Plus / Standoblue Basecoat with  
Standocryl VOC Clears  
in countries without VOC legislation  
Standocryl 2K Topcoat /  
Standocryl 2K Topcoat NEW or  
Standox Basecoat with  
Standocryl 2K Clears

# Standoflash UV-A-Füller U7120

## Substrate:

- Rigid and half-rigid types of plastics recoated with Standoflex Plastic Primer U3060 after preparation (cleaning/temper/cleaning)

Substrates must be carefully sanded and cleaned.

## Pretreatment / Cleaning:



For substrate preparation information see Standox Painting System S1.



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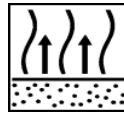
Please consult the Safety Data Sheet. It is strongly recommended to use appropriate personal protection equipment during application.

If higher film thicknesses are needed intermediate drying under UV light is necessary. When recoating Standoflash UV-A Filler U7120 immediately with itself, sanding is not required.

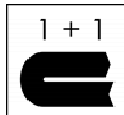
When using more powerful lamps or shorter distance to the substrate the drying time can be reduced. We recommend in this case to perform an adhesion test beforehand.

## Application: on plastic with UV-A lamp

After pretreatment apply one spray pass of Standoflex Plastic Primer U3060



10 min / 18-22°C



1 + 1

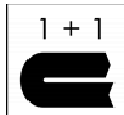
Ready to spray

Compliant 1.2 mm

1.8 -2.0 bar inlet pressure

1 + 1 = 70 - 90 micron

apply two light coats w/o intermediate flash-off



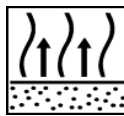
1 + 1

HVLP 1.2 mm

0.7 bar atomization pressure

1 + 1 = 70 - 90 micron

apply two light coats w/o intermediate flash-off



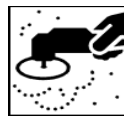
2 min / 18-22°C



Commercial mercury bulb UV lamp with at least 400 W performance

3 min with 15 cm distance to the object

6 min with 25 cm distance to the object



P500 - P600

Orbital sander



P800



Standocryl VOC Topcoat or

Standohyd Plus / Standoblue Basecoat with

Standocryl VOC Clears

in countries without VOC legislation

Standocryl 2K Topcoat /

Standocryl 2K Topcoat NEW or

Standox Basecoat with

Standocryl 2K Clears

# Standoflash UV-A-Füller U7120

## Substrate:

- Rigid and half-rigid types of plastics recoated with Standoflex Plastic Primer U3060 after preparation (cleaning/temper/cleaning)

Substrates must be carefully sanded and cleaned.

## Pretreatment / Cleaning:



For substrate preparation information see Standox Painting System S1.



This product is classified according to regulation (EC) 1272/2008 (CLP).

Please consult the Safety Data Sheet. It is strongly recommended to use appropriate personal protection equipment during application.

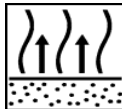
If higher film thicknesses are needed intermediate drying under UV light is necessary. When recoating Standoflash UV-A Filler U7120 immediately with itself, sanding is not required.



Standocryl VOC Topcoat or Standohyd Plus / Standoblue Basecoat with Standocryl VOC Clears in countries without VOC legislation Standocryl 2K Topcoat / Standocryl 2K Topcoat NEW or Standox Basecoat with Standocryl 2K Clears

## Application: on plastic with Standoflash UV-A lamp

After pretreatment apply one spray pass of Standoflex Plastic Primer U3060



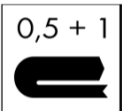
10 min / 18-22°C



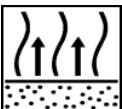
Ready to spray  
Compliant 1.2 mm  
1.8 -2.0 bar inlet pressure  
HVLP 1.2 mm  
0.7 bar atomization pressure  
0.5 = 20 - 30 micron



Standoflash UV Lamp  
VISIT UV Flash Dry 15/700  
1 min cooling time after the first 20 flashes



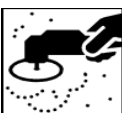
0,5 + 1 0.5 + 1 = 70 - 90 micron



2 min / 18-22°C



Standoflash UV Lamp  
VISIT UV Flash Dry 15/700  
2 x 20 flashes per repair area  
1 min cooling time after the first 20 flashes



P500 - P600  
Orbital sander



P800

# Standoflash UV-A-Füller U7120

Health and safety with the use of UV-A lamps:	<p>When applying Standoflash UV-A Filler U7120 the same protective and safety measures are to be taken as for standard paint materials.</p> <p>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.</p> <p>For this reason the following notes are to be observed when using UV technology:</p>
Operating the equipment:	Strictly follow the operating instructions of the manufacturer.
Skin and eye protection:	<p>To protect the skin and the eyes from blinding and UV radiation the following measures are to be taken:</p> <ul style="list-style-type: none"><li>• Wear a suitable UV protective face mask</li><li>• Wear UV light absorbing / reflecting glove</li><li>• Wear UV light absorbing / reflecting clothing</li></ul>

# Standoflash UV-A-Füller U7120

Health and safety with the use of the Standoflash UV lamp:	<p>When applying Standoflash UV-A Filler U7120 the same protective and safety measures are to be taken as for standard paint materials.</p> <p>Handling UV sources, however, requires particular care. Dangers can only be avoided if licensed UV drying equipment is used in the proper way.</p> <p>For this reason the following notes are to be observed when using UV technology:</p>
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:	<p>To protect the skin and the eyes from blinding and UV radiation the following measures are to be taken:</p> <ul style="list-style-type: none"><li>• Wear a UV protective face mask</li><li>• Wear UV light absorbing / reflecting gloves</li><li>• Wear UV light absorbing / reflecting clothing</li><li>• No unprotected personnel should be within a distance of 5 metres from the lamp during use.</li></ul>
Working area:	To rule out possible misuse, we recommend setting up a separate ventilated work area.
Maximum exposure level:	<p>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/m<sup>2</sup> 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.</p> <p>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.</p>
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.

# Standoflash UV-A-Füller U7120

## Flash point:

- -12°C / 10.4°F

## Specific Gravity:

- 1.15 g/cm<sup>3</sup>

## Solid Content

### (without thinner added):

- 63.8 Weight %
- 49.2 Volume %

## VOC (2004/42/EC):

For the can:

2004/42/IIB(c)(540)425

The EU limit value for this product (productcategory IIB.c) in ready to use form is max 540 g/l VOC. The VOC content of this product in ready for use form is max. 425 g/l.

## Theoretical

### Coverage:

- 8.2 m<sup>2</sup>/l at 60 micron dry film thickness

## Cleaning of equipment:

Clean immediately after use with Standox Cleaning Thinner.

## Important remarks:

- Any other UV-A lamp technology needs to be checked.
- Vehicle area for repair:  
Vehicle areas where fuel vapour may occur, e.g. tank caps, may not be repaired.
- Masking paper:  
Masking paper must be removed completely before drying by pulsed UV lamp.
- Filler cannot be tinted.
- Spray guns should be equipped with light-proof gravity cups.
- 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.
- A sufficient through hardening and adhesion is dependent on: dry film thickness, intensity of the light bulb (decreases throughout usefull life), distance to the object (increasing the lamp distance decreases the UV intensity on the surface) and the curing time. Standoflash UV-A Filler U7120 is slightly transparent in order to achieve good drying. Do not apply to coverage.
- Stir very well with the mixing stick before pouring.
- Surplus material should not be returned to the original can.

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