

Technical Data Sheet



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SprayMax® **UV Clearcoat gloss 400 ml** **Art. Nr. 680059**



Product

Description / Purpose

UV Clearcoat for fast and long-term sealing of repairs and new paintwork.

We recommend the use of:

UV-A lamps 400 Watt with lamps H400 / PE

Cures at an UV-A light wave length of 320 - 400 nm.

UV-A LED light systems 120 Watt

Cures at an UV-A light wave length of 365 nm.

Cures also at an UV-A light wave length of 395 nm depending on intensity of the lamp and time of exposure.

SprayMax-UV Paint Repair is a product system with a specially harmonized formula and effect concept comprising:

UV Primer Art.-Nr. 680024

UV Clearcoat Art.-Nr. 680059

UV BlenderThinner Art.-Nr. 680091

Properties

- Easy to process
- Fast drying
- No colour deviation
- Good weather resistance
- Very good flow properties
- Very good polishing properties

Material base

Acrylic resins

Gloss level

transparent glossy

VOC Value (EU)

693 g/l

Substrate

Solvent and waterborne base coat systems, old paint coats dried according to manufacturer's instructions (cleaned and sanded).

Make sure that the basecoat is properly dried before applying the clearcoat.

Processing

Protection measures



Wear personal protection equipment.
(respiratory mask/gloves/goggles)

For more information, see safety data sheet.

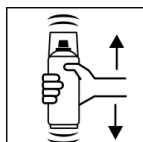
Curing with UV-A radiation:

Extreme care must be exercised when using UV radiation sources. Risks can only be avoided if an approved UV-A curing device is used correctly and as intended. Please strictly comply with the operating instructions and safety information of the manufacturer of the UV-A curing device.

The following precautions always need to be observed to protect skin and eyes from glare and UV radiation.

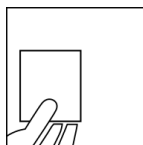
- Wear a UV-protective mask
- Wear UV-light absorbing/reflecting gloves and workwear

Shake



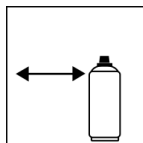
Shake can thoroughly for at least 2 minutes from when the mixing balls are heard.

Spray to test



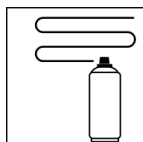
After shaking the can, test spray and check compatibility with the surface and the colour.

Spraying distance



5 cm - 10 cm

Spray passes

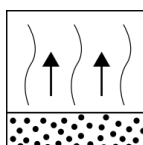


Dry film thickness 40 - 50 μm

(approx. 1 - 2 spray coats)

After the last spray coat of the UV clearcoat, apply several light spray coats of the UV Blender Thinner onto the spray mist edge zone until an homogenous transition is created.

Flash-off time



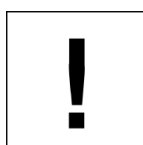
If necessary Flash time:

approx. 2 - 3 min between each spray coat

End flash time before UV curing:

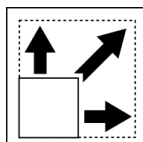
approx. 2 - 3 min after applying UV Blender Thinner.

Processing conditions



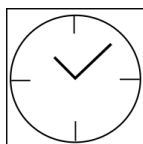
Optimum application at 18° C - 25° C and a relative humidity from 40 - 60 %.

Coverage



approx. 1,5 m² at 50 μm dry film thickness

Drying



Curing with an UV-A lamp (distance 15 - 20 cm):

3 - 4 minutes after the final spray coat and application of the blender.

Curing with an UV-A LED lamp (365 nm, 120W):

3 - 4 minutes after the final spray coat and application of the blender thinner.

The stated values refer to the above mentioned processing conditions and lamp equipment. The level of dryness is determined pursuant to DIN 53150.

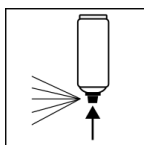
Note:

Different processing conditions, lamp equipment, lamp age and drying distance to the substrate lead to different drying times. We are able to provide you with information about the internal, qualified lamp tests regarding usability and drying times.

Continue

Can be processed with conventional sanding and polishing agents after cooling (1 - 2 minutes).
Sand paint residues an polish transition zone.

Finish



After painting, turn the can upside down, spray for 3 - 5 seconds to clean the valve and put the lid back on the can.

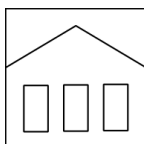
Additional Information

Important Information



Avoid bumps, friction and impact.

Shelf Life



18 months

The usage period refers to an unused can that is stored correctly at a temperature of 15 - 25° C and a relative humidity below 60%. The can must be stored and transported in an upright position in a dry place where it is protected against chemical and mechanical influences. The safety information on the can and all statutory provisions applicable for the storage site must be observed.

Disposal



The completely emptied spray cans must be disposed of in the recycling system. Cans with hardened material must be disposed of as special waste.

Note

For professional use only.
For labelling see safety data sheet.

The contents in this technical data sheet were created with great care and reflect our current state of knowledge. They provide the user with application-specific information and do not promise certain properties. The information is non-binding and we accept no liability for its integrity, accuracy and completeness. They do not relieve the user of their duty to check the suitability of our product for the intended purpose. The warnings printed on our labels must be respected. Our brands and patents are protected by copyright. All rights reserved We reserve the right to update, amend or supplement the content of the information without prior notice.