



UV Curable Coating Repair System



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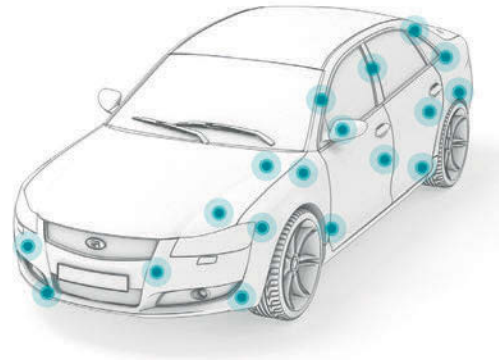
Market Situation

In the past years UV-products have conquered a niche within the Coating and Repair market for cars. In particular primers and fillers are well established. Fast curing accelerates the coating and repair processes, introducing higher flexibility and efficiency.

The related time savings balance out higher material (UV Coatings) and equipment (e.g. UV-lamps) costs, thus leading to higher productivity and cost savings.

Use in Spot Repair

Especially in spot repairs this technology shows its full set of advantages. Easy to apply, flexible in space and place, fast in curing it outperforms standard processes with standard coatings. No matter whether it is in an aerosol spray can or in a spray gun: UV performs fastest.



On top it is a technology based on a chemistry w/o Iso-cyanates. An advantage which has been awaited by the market for years.

Comparison

In comparison to a standard process (solvent or waterbased coatings, thermal cure, the UV System is up to 32 min quicker. Size around 60 sq cm including blending zone.

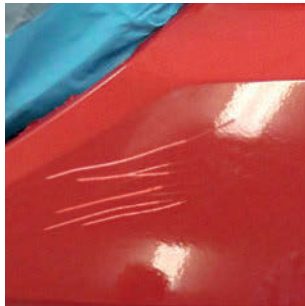


The UV curable system is

- Faster (curing, sanding, polishing)
- Highly flexible in how and where to apply
- Improving economies and capacities of your repair business

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Repair Process Step-by-Step.



Damage: Scratched bumper.



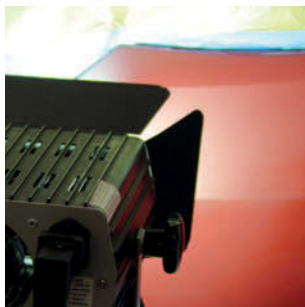
Clean surface generously with Silicone Remover.



Sand damaged area using P320. Clean with Silicone Remover and apply plastic adhesion promoter.



Shake UV Primer Filler for approx. 2 min and apply 1-2 spray passes (40-50 µm). Allow 1 min flash-off time.



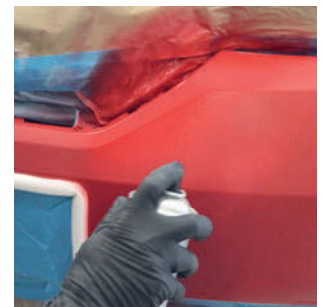
Dry UV-Filler for 4 minutes by using a UV-A Lamp with a wave length of 320-400 nm.



Use the UV Cleaner to remove the tacky residue. Sand the entire surface.



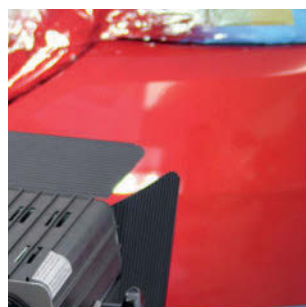
Apply Basecoat in 2-3 spray passes. Dry by air.



Apply UV Clearcoat with 1-2 Spray passes and allow to flash off between coats.



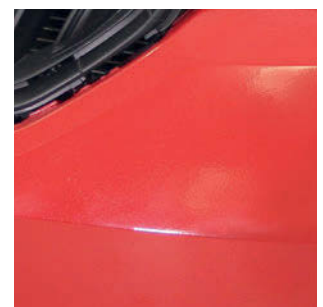
Apply UV Spot Blender Thinner into transition zone and allow 1 min flash off time.



Dry painted repair area for 4 min. using a UV-A Lamp with a wave length of 320-400 nm.



After complete curing, polish if necessary.



Finished result.



Properties

- Good adhesion on Steel, Aluminium, GFK and other Plastics, Putty
- High yield, strong filling, high built in multilayers
- Short curing times (1-2 minutes), low energy costs
- Ready to use, no mixing of components
- Pot life potentially „endless“ (in absence of light), best before time 2 years

UV Filler + UV Cleaning agent



Processing/Application

UV Filler: Highly efficient and high yield UV Filler. Particularly designed for professional use in industry and trade.
Art.-Nr.: 680 019

UV Cleaning agent: Cleansing agent, removes effectively sticky SprayMax UV Filler residuals after UV curing.
Art.-Nr.: 680 290

Benefits

UV Filler:

- Designed for high speed spot repairs in highly productive processes
- High build and insulating filling ability

UV Cleaning agent:

- Removes sticky surface residuals after UV curing of Filler Art 680 019
- High yield
- Good dispersion of material on the substrate

UV Clearcoat glossy



Processing/Application

UV clearcoat (1K), fast curing finish for coating and coating repair
Needs UV-A wavelengths of 320-400 nm for cure.

Art.-Nr.: 680 059

Benefits

- Easy to handle
- Fast in curing
- Colorless and fully transparent
- Strong etch and weather resistance
- Very good levelling
- Easy to polish

UV Blender



Processing/Application

The UV Blender is a special product guaranteeing homogenous, nearly invisible transitions inbetween the repair zone of UV clear applied and the surrounding coating of the substrate.

Art.-Nr.: 680 091

Benefits

- Blends UV clearcoated spot repairs to generate invisible transitions to surrounding coatings
- High solving power
- Colorless