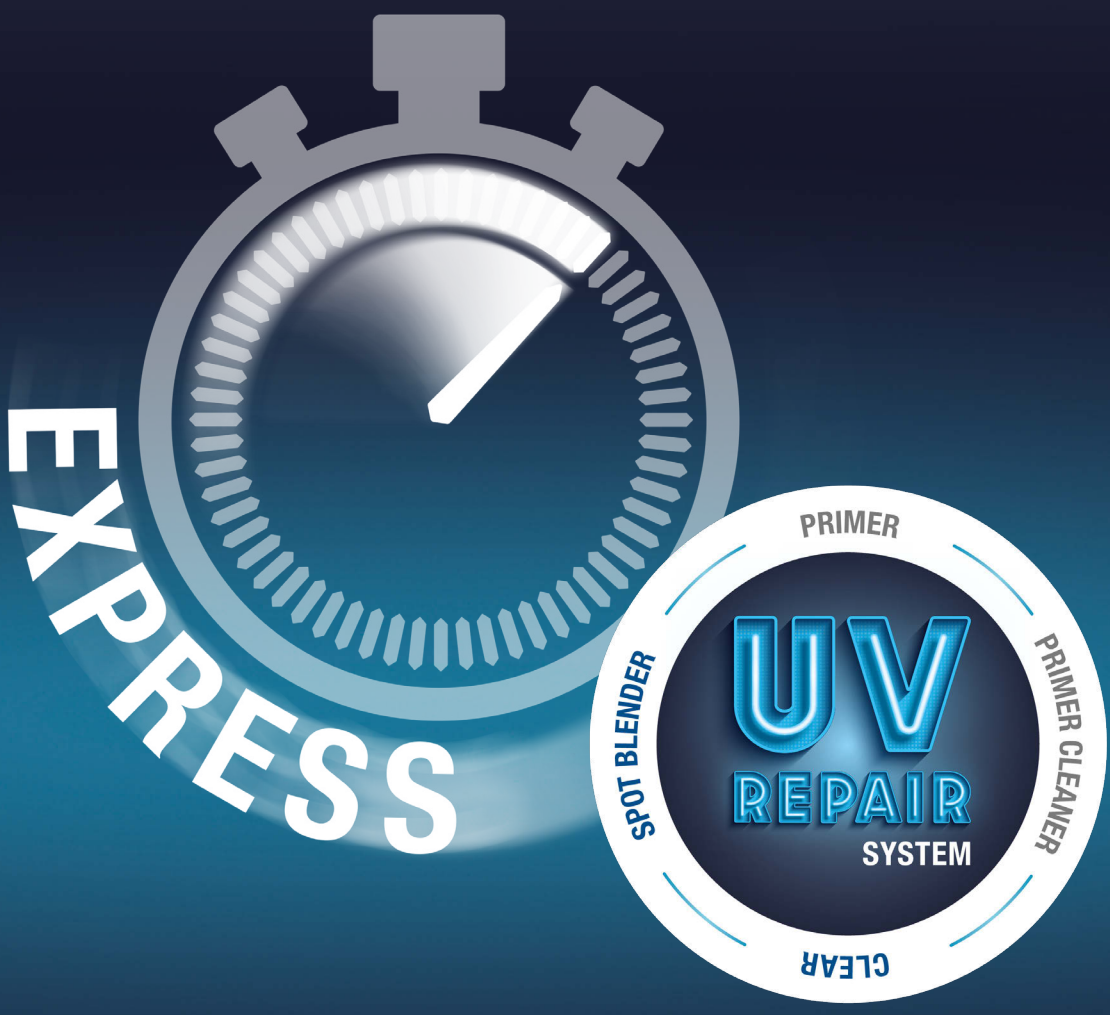




# UV Repair System





# UV Repair System

## Technology Advancements

UV-products, particularly primers and fillers, have long been popular in the collision repair industry by providing ways to reduce cycle time through accelerated curing. As technology continues to advance in both refinish UV-coatings and UV-equipment, the enhanced production flexibility and repair efficiency has made this an increasingly viable option.

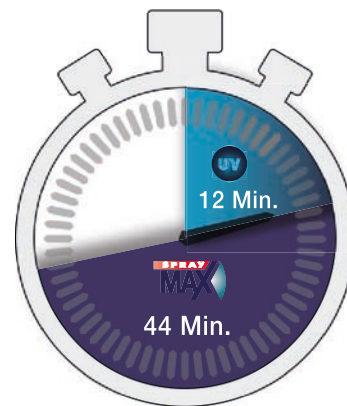
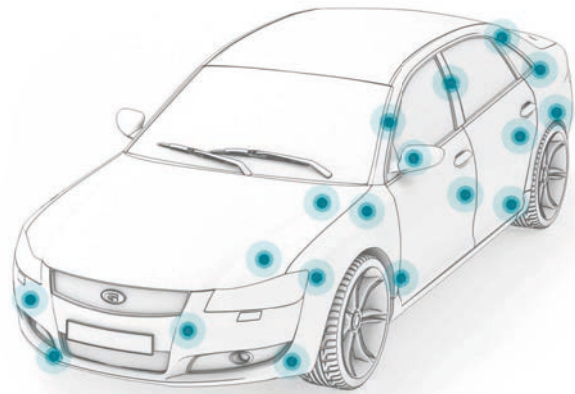
## Enhanced Repair Flexibility

Whether seeking small damage repair solutions or accelerating in-process throughput in a busy production environment, UV-systems offer many advantages. The combination of ease of application, greater flexibility on where it can be used in a shop and ultra-fast curing, deliver superior performance versus standard refinish coatings.

SprayMax UV-products are a unique non-isocyanate technology making it more appealing from a user standpoint.

## Comparison

By comparison to standard 1K or 2K curing systems, SprayMax UV-products save up to 32 minutes in total production time for a typical small damage repair (9.5 sq in / 60 sq cm including blending zone).



## SprayMax UV Repair System Attributes

- Faster - curing, sanding, polishing
- Highly flexible in where it can be applied in the shop
- Improves cycle time and production throughput

# UV Repair System

## Step-by-Step Procedures



Damage: Scratched bumper. Use of an IR Lamp in between coats will aid in flash off (especially in high humidity conditions).



Wash with soap and water then clean surface generously with SprayMax Wax & Grease Remover 3680094.



Sand damaged area using P320. Clean with SprayMax Wax & Grease Remover 3680094 then apply SprayMax Adhesion Promoter 3680009



Shake SprayMax UV Primer 5680019 for 2 min. then apply 1-2 coats. Allow a minimum of 1 min. flash time between each coat of product.



Cure SprayMax UV Primer 3680019 for 2-4 mins. depending on curing equipment (see TDS for details).



Use SprayMax UV Primer Cleaner 3680290 to remove residue prior to sanding.



Clean surface with SprayMax Wax & Grease Remover 3680094, wipe with tack cloth, then apply basecoat to obtain adequate hiding.



Tack surface prior to applying 1-2 coats of SprayMax UV Clear 3680059 allowing a minimum of 1 min. flash time between coats.



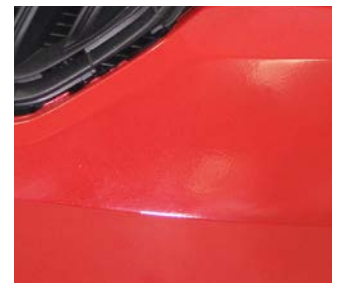
Apply SprayMax UV Spot Blender 3680091 as required through the transition area and allow to flash approximately 1 min. prior to curing with lamp.



Cure repaired area for 2-4 min. depending on curing equipment (see TDS for details).



After complete curing wet sand and polish as required.



Finished result.



## System Benefits

- Good adhesion on steel, aluminum, fiberglass and plastics
- Excellent build and filling properties
- Short curing (1-2 minutes)
- Ready to use, no mixing of components
- Highly stable pot life (in absence of light), use within 2 years



## UV Primer & UV Primer Cleaner



### Application

**UV Primer:** Highly efficient and high yield UV Primer.

**Curing of UV Primer:** Equipment options for curing are UV-A Mercury Lamp and UV-A LED Lamp 365nm wavelength. See TDS for more LED options.

**Part Number: 3680019**

**UV Primer Cleaner:** Designed to remove UV Primer residue after curing.

**Part Number: 3680290**

### Benefits

#### UV Primer:

- Designed for high speed in-process and small damage repairs
- Excellent build and filling properties

#### UV Primer Cleaner:

- Removes UV Primer residue prior to sanding
- High yield
- Good dispersion of material on the substrate

## UV Clear



### Application

**UV fast curing Clear:** Allow to flash in between coats.

**Curing of UV Clear:** Equipment options for curing are UV-A Mercury Lamp and UV-A LED Lamp 365nm wavelength. See TDS for more LED options.

**Part Number: 3680059**

### Benefits

- Easy to handle
- Fast curing
- Crystal clear, non-yellowing
- Very good leveling qualities
- Easy to blend, easy to polish

## UV Spot Blender



### Application

**UV Spot Blender:** Designed for clear coated in-process and small damage repair situations. Ensures ultra smooth finish of edges.

**Part Number: 3680091**

### Benefits

- Blends UV clear coat to a near-invisible transition between repair zone and surrounding surfaces
- Colorless

