

HBC system®

UV-A1 Spot Repair system

Manual

UV-A1 Spot Repair System
Part no. 19000



Working process and instructions to obtain excellent results with the UV-A1 spot repair system from HBC System.



Steps



Polish carefully the surface to be repaired to create optimal adhesion



Degrease to eliminate impurities using Silicone remover

00:02 REPAIR
TIME

Steps



Use P150 - P280 to sand the surface to be repaired



Degrease to eliminate impurities using Silicone remover

00:04 REPAIR
TIME

Steps



Fill the damaged area with the **UV-A1 Filler (L19009)**



Expose to the UV lamp rays for 3-4 min depending on the thickness
10 cm distance (400W UV lamp)

00:08 REPAIR
TIME

Steps



Sand the filled surface with P180 – P280
Refinish with P360 – P400



Degrease to eliminate impurities using
Silicone remover

00:10 REPAIR
TIME

Steps



Mask the surface to be treated with the primer (L19008)



Apply the **UV-A1 Primer** (L19008)

In normal conditions, 1 single coat is enough to obtain a thickness of 80 - 100 μ

Pressure of application between 1,5 and 2 bars

00:12 REPAIR
TIME

Steps



Expose to the UV lamp rays for 3-4 min depending on the thickness

10 cm distance



Degrease to eliminate impurities using Silicone remover

00:16 REPAIR
TIME

Steps



Sand the surface (treated with the UV-A1 Primer) with P400

Refinish with P500 or with P600 – P800 in case of metallic paint

Refinish only the surface to be treated with the mat base



Degrease to eliminate impurities using Silicone remover

00:18 REPAIR
TIME

Steps



Mask the surface for the finishing



Apply the water based base coat

00:22 REPAIR
TIME

Steps



Wait for the paint to be completely cured

It is of utmost importance that the waterbased color is completely dry



Apply a light coat of the **UV-A1 clear coat** (L19010) thinned at 10% with the **UV-A1 Thinner** (L19007) by Paintgun or by Aerosol (19010)

Pressure of application of the clear-coat by using a Paintgun is between 1,5 and 2 bars

00:24 REPAIR
TIME

Steps



Wait 1 min (solvent base) or 2 min (water base), and expose to the UV lamp for 1 min.

20 cm (400W UV lamp) distance

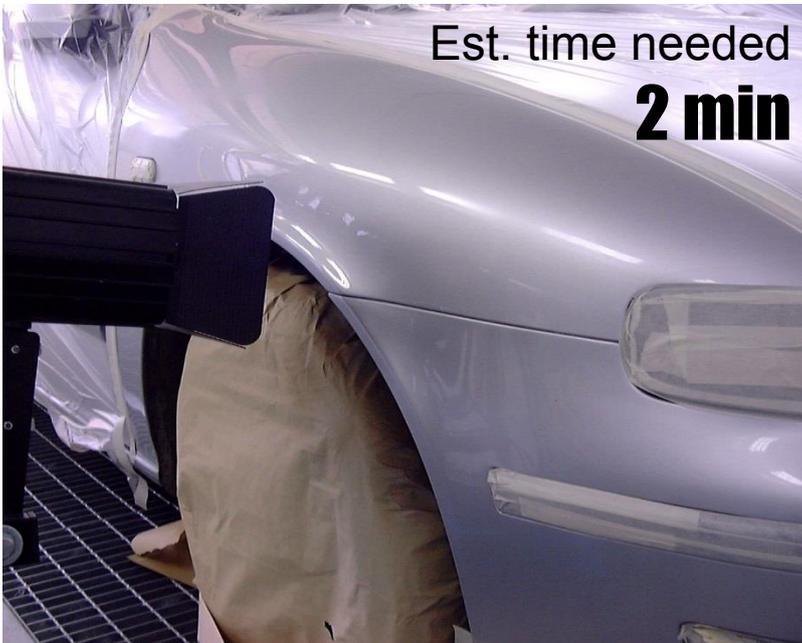


Apply the second coat of the **UV-A1 clear coat** (L19010) thinned at 10% with the **UV-A1 Thinner** (L19007) by Paintgun or Aerosol (L19010)

Thanks to the UV-A1 clear coat fast drying, it is possible to eliminate small impurities with sanding paper P-1500

00:27 REPAIR
TIME

Steps



Wait 15 min and expose to the UV lamp for 2 min

10 cm (400W UV lamp) distance.

Pay attention to the mist coat drying



Sand the surface with P1500 – P3000

Considering the high UV-A1 clear coat hardness, we suggest this step to facilitate the following polishing

00:30 REPAIR
TIME

Steps



Polish the surface to totally eliminate the repair markings



Polish the whole surface with handpolish to uniform the shine

00:33 REPAIR
TIME



A professional Spot repair
from start till finish in **33 MINUTES**

