



# UV Curable Coating Repair System

Overview of tested UV lamps



# Overview of tested UV lamps

The UV lamps listed below were tested under uniform conditions in connection with the SprayMax UV Repair System in a practice-oriented process. The result is not a rating, but is intended to provide information about the use and suitability of existing UV lamps for drying the SprayMax UV products. The overview is dated 07.2020 and does not claim to be complete.



Manufacturer:	Model:	UV spectrum:	Power consumption:	Curing surface:	Distance between lamp and substrate:	Product:	Dryingtime:	Film Thickness:	Conclusion:
ICR _ Photo Electronics UV-Handleuchte	H400PE	350nm - 600nm	400W		5 cm 20 cm	Uv- Füller, 680019	4 min.	28 µm	OK good adhesion
TecoPoint UV A LED	LED	365nm - 415nm	120W	10 x 10 cm	ca 5 cm	Uv- Füller, 680019	2 min.	28 µm	OK good adhesion
Spectratek UVTEK 2000	LED	395 nm	170W	60 x 60 cm	30 cm	Uv- Füller, 680019	4 min.	28 µm	OK good adhesion (substrate tob e sanded)
Spectratek InstaCure Hand	LED	395 nm	55W	10 x 10 cm 25 x 25 cm	5 cm 20 cm	Uv- Füller, 680019	4 min.	25 µm	OK good adhesion (substrate tob e sanded)
Mipa	LED		30W	Durchmesser 50 cm	30 cm	Uv- Füller, 680019	4 min.	32 µm	OK
Scangrip Nova UV5	LED	395 - 400 nm	12W	Durchmesser 20 cm	12 cm	Uv- Füller, 680019	4 min.	32 µm	Partly okay with 4 minutes drying - better dry 5-6 minutes
Scangrip Hand UV-Light	LED	390 - 400 nm	3W	Durchmesser 10 cm	6 cm	Uv- Füller, 680019	4 min.	26 µm	Partly okay with 4 minutes drying - better dry 5-6 minutes
Scangrip UV -Pen	LED	390 - 400 nm	3W	Durchmesser 5 cm	3 cm	Uv- Füller, 680019	4 min.	28 µm	Partly okay with 4 minutes drying - better dry 5-6 minutes
TLA ACCU UV LED spectrum switchable	LED	365 - 395 nm	40W	6000mW/cm2	20 cm	Uv- Füller, 680019	2 min.	30 µm	OK
Hedson IRT 395 UV SmartCure 18V	LED	395 nm	200w	16x16 cm	5-10 cm	Uv- Füller, 680019	not working	40 µm	
Hedson IRT 365 UV SmartCure 18V	LED	365 nm	200w	16x16 cm	5-10 cm	Uv- Füller, 680019	1-2 min	40 µm	OK good adhesion to steel and aluminum
Hedson IRT 365 UV SmartCure 18V	LED	365 nm	200w	16x16 cm	5 cm	Uv- Füller, 680019	1 min	40 µm	OK good adhesion to steel and aluminum

ICR _ Photo Electronics UV-Handleuchte	H400PE	350nm - 600nm	400W		5 cm 20 cm	Uv- Klarlack, 680059	4 min.	28 µm	OK
TecoPoint UV A LED	LED	365nm - 415nm	120W	10 x 10 cm	ca 5 cm	Uv- Klarlack, 680059	4 min.	28 µm	OK
Spectratek UVTEK 2000	LED	395 nm	170W	60 x 60 cm	30 cm	Uv- Klarlack, 680059	4 min.	28 µm	OK
Spectratek InstaCure Hand	LED	395 nm	55W	10 x 10 cm 25 x 25 cm	5 cm 20 cm	Uv- Klarlack, 680059	4 min.	25 µm	OK
Mipa	LED		30W	Durchmesser 50 cm	30 cm	Uv- Klarlack, 680059	4 min.	32 µm	Not OK not completely dry, slightly sticky surface
Scangrip Nova UV5	LED	395 - 400 nm	12W	Durchmesser 20 cm	12 cm	Uv- Klarlack, 680059	4 min.	32 µm	Not OK not completely dry, slightly sticky surface
Scangrip Hand UV-Light	LED	390 - 400 nm	3W	Durchmesser 10 cm	6 cm	Uv- Klarlack, 680059	4 min.	26 µm	Not OK not completely dry, slightly sticky surface
Scangrip UV -Pen	LED	390 - 400 nm	3W	Durchmesser 5 cm	3 cm	Uv- Klarlack, 680059	4 min.	28 µm	Not OK not completely dry, slightly sticky surface
TLA ACCU UV LED spectrum switchable	LED	365 - 395 nm	40W	4000mW/cm2	min. 40cm	Uv- Klarlack, 680019	4 min.	30 µm	OK
Hedson IRT 395 UV SmartCure 18V	LED	395 nm	200w	16x16 cm	5-10 cm	Uv- Klarlack, 680059	30 sek	31 µm	OK good adhesion to Solvent Basecoat
Hedson IRT 365 UV SmartCure 18V	LED	365 nm	200w	16x16 cm	5-10 cm	Uv- Klarlack, 680059	1-2 min	30 µm	OK good adhesion to Solvent Basecoat

## 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