

## THUNDER UV LED PRIMER

The primer UV LED was developed with THUNDER technology – Instant drying technology. This line was developed with the purpose of facilitating and improving automotive repairs, drastically reducing work times and ensuring productivity. The primer UV LED is a single-component product, with a high solids content that provides excellent spreading rate and filling. Curing takes place only after emitting UV LED light. In this painting system, only the amount necessary for the repair is actually used, thus avoiding product waste.

### USE RECOMMENDATIONS

<b>Recommendation</b>	Product indicated for corrections on surfaces intended for automotive repainting.
<b>Chemical Composition</b>	Acrylated oligomers and monomers, mineral fillers and additives.

### APPLICATION DATA

<b>Catalysis and/or Dilution</b>	Ready to use
<b>Surface preparation</b>	Sand the area to be repainted. Clean with Anjo Degreaser solution to eliminate dirt, oils, grease and residues in general.

This information represents the best of our knowledge when this document was published. We remind you that optimal final results when applying the products depend on factors that exceed our control and that concern the surface preparation and the technical knowledge of the applicator. The company reserves the right to change these specifications without prior notice.

**Application**

Homogenize the sample well before use. Apply 1 coat with a layer of 70µm.

**DRYING**

After application, wait for 1 minute so the product can stabilize. Soon after, use the drying equipment with LED light 395 to 405 nm. We recommend keeping 5 cm away from the part during drying.

Comments:

- The drying of the product is directly linked to the optical power of the equipment. It is recommended to use equipment with a minimum required power of 0.5W/cm<sup>2</sup>. For this power, 1 minute of light exposure on the applied area is recommended.
- Drying time can be increased if the applied area is larger than the area of incidence of light.

**SANDING**

Initial sanding with 320 grit sandpaper and final finish with 600 grit sandpaper.

**SAFETY RECOMMENDATION**

- Store the product in closed, ventilated environments with maximum temperatures of 25°C.
- This product cannot be exposed to sources of light radiation, the packaging must be kept closed when handling the product.
- Flammable product, keep away from sparks, sources of ignition, do not smoke at the application site.
  - All health safety precautions must be taken with the correct use of PPE, such as masks and respirators, maintaining good ventilation during application.
- Avoid skin contact using gloves, goggles, suitable garments, protective creams, etc.
- Keep away from children and animals.

## **COMMENTS**

The spreading rate of this product in practice will vary according to the thickness applied, method and application technique, the type and roughness of the substrate and environmental conditions, etc.

The instructions contained in these specifications are based on our experience and technical knowledge; however, some factors are beyond our control as a manufacturer, such as: surface preparation, application, working conditions, etc.

We indicate a minimum specification of the drying equipment for an adequate performance of the product. The use of non-indicated or non-specified equipment for UV LED curing may compromise the drying process and the performance of the product, thus clearing the company from any liability.

We take no responsibility for material and personal damage caused by the misuse of the information contained in these specifications and of the products mentioned. These specifications are subject to change without prior notice.