

Covering lacquer red, Covering lacquer blue

Instructions for use

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Product description

Covering lacquer red and *Covering lacquer blue* are suitable for covering surfaces that only need to be partially electroplated. In accordance with their individual characteristics, the lacquers are resistant to galvanic electrolytes.

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Covering lacquer red, 100 g	Art. No. 86943000
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Covering lacquer blue, 100 g	Art. No. 81010567
Solvent/Thinner for covering lacquer	Art. No. 86943180

Process overview

Pre-treatment of goods

Prerequisite for a strong adhesion of the covering lacquers is an intensive pre-treatment of the surface. This should be carried out using an ultrasonic cleaning bath made-up with *Ultrasonic cleaning concentrate ULTRA 3000*, *Electrolytic degreasing bath Type A* and finally an acid dip treatment in *Acid dip bath S* or 10% sulphuric acid solution. Multistate rinsing in water is required after operation of each of the respective process baths. Afterwards the surface to be covered needs to be dried well.

Application of covering lacquers

Depending on the level of dilution, the covering lacquers can be applied using a brush, a roller or a spray gun. It is recommended testing the respective type of processing in preliminary tests.

Removal of covering lacquers

To remove the covering lacquers, it is recommended using *Solvent/Thinner for covering lacquer* or acetone.

Process parameters **Covering lacquer red**

The lacquer is suitable for electrolytes that operate at room temperature and do not need to be heated. The drying time is 3–5 h. The parts to be treated must be coated as soon as possible once the drying period is over.

Drying times at room temperature (20–30 °C)

Dust-dry and touch-dry:	min. 30–90 min
Ready-to-assemble:	ca. 2 h
Thoroughly dried:	ca. 3–5 h

As these details are approximate values, the drying times may vary a little depending on the conditions.

Process parameters **Covering lacquer blue**

The lacquer is heat-resistant and suitable for acidic and cyanide electrolytes. When using an electrolyte which is operated at >60 °C the exposition time should not amount more than 5 min.

The lacquer can be diluted with the special *Solvent/Thinner for covering lacquer* and thereby made more spreadable.

Drying times at room temperature (20–30 °C)

Dust-dry and touch-dry:	min. 30–90 min
Ready-to-assemble:	ca. 8 h
Thoroughly dried:	ca. 15–24 h

Drying times at 80°C in a hot-air dryer with circulating air/exhaust air are approximately 30 min.

As these details are approximate values, the drying times may vary a little depending on the conditions.

Hazard information, storage, disposal

The occupational safety measures and regulations specified in the material safety data sheet must be observed. The covering lacquers must be stored sealed and separately from food in suitable and labelled containers. They must **not** be discharged into the waste water.

The information on our product and the method are based on intensive research and technical experience of this application. We provide these results to the best of our knowledge and reserve the right to make technical changes in the course of product development.

However, this does not relieve the user of their responsibility to check our specifications for their own use before application.

If you have any questions or would like a consultation, please contact our application technology service at any time.

We would also be happy to discuss our further electroplating product range.