

Zinc Coat LZ-90

Acrylic lacquer for hot-dip galvanised surfaces.



Product description

Application range

Suitable for the coating of metal substrates such as e.g. steel, iron, light metal, zinc. For indoor and outdoor application.
Carry out a suitable substrate cleaning or treatment like grinding or sweeping before the application of **LZ-90**.

Properties

- good corrosion protection
- excellent adhesion
- good fastness to light
- 1-Component lacquer
- simple to use

Binder agent

acrylic lacquer

Colour shades

RAL, NCS, metallic, mica and special colours

Gloss level

semi-matt

Delivery sizes

1.0 l
2.5 l
5.0 l
12 kg
30 kg

Appearance

Liquid with medium viscosity, ready for brushing

Density

approx. 1.2 g/cm³

Resistances

Temperature resistance:
approx. +80°C in dry heat, short-term resistance up to +100°C
Chemical resistance:
resistant to diluted acids and chemicals

Application rate

approx. 6.5 m²/kg (60 µm DFT]

Storage stability / shelf-life

At least 2 years if stored in original containers in a cool and dry place.

Handling

Material preparation

Stir well before use, preferably using an agitator. Mix in all material at container bottom and wall.

Working instruction

Uniform film thickness and evenly appearance depend on the application method used. Best results are usually obtained by spraying. Metallic, mica and pearlescent colour shades must be sprayed.

Application method

Application by brush / roller:
If other application methods are not possible.

Air spraying:
High pressure spraying at 1.5 to 2 mm nozzle, at approx. 4 to 6 bar. If necessary add thinner.

Airless or airmix spraying:
Determine by means of preliminary tests depending on model, nozzle size, pressure and other parameters.

ESTA spraying:
Virtually all **LZ-90** colour shades can be applied with the Ransburg no. 2 electrostatic spray gun or comparable devices. The material is suitable for electrostatic coating. Observe the data provided by the device manufacturer.

Application temperature

+ 5 °C to + 40°C material and object temperature

Working life

unlimited as 1-component material

Solvents

ReiColor **VA-70**

Substrate preparation

Observe the information in EN ISO 12944 and other relevant standards.
For the coating of hot-dip galvanised surfaces, observe the Technical Guidelines for Paintwork, Information Sheet no. 5: "Coatings on zinc and galvanised steel" published by the German Committee for Paints and the Protection of Property.
Observe Technical Worksheet no. 29 "Preparation of zinc surfaces; coating-related notes".

Drying method

air-drying

Drying time

Drying time at approx. 60 µm/+ 20°C, DIN EN ISO 9117-5:
T1 (dust dry): approx. 30 min
T6 (dry to handle): approx. 5 to 6 h

Complete drying after several days. Take care when masking or transporting freshly varnished parts! Risk of sticking! If time gap is short, test on the object is recommended.

Notes

Safety instructions VOC

Cat. A/i, 500 g/l (2010).
This product contains 500 g/l VOC max.

Hazard notes

Please observe technical data sheet and safety data sheet before use.

Data base: All technical information in this data sheet is based on laboratory tests and may deviate from values actually resulting from practical use.

Disclaimer: The above data are based on our present knowledge and experience provided that the material is stored properly and applied appropriately. The data are exclusively intended to describe the products and do not constitute warranted properties in any legal sense. We reserve the right to make changes to product specifications at any time. Our technical advice - whether verbal, in writing or by way of trials - is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release the customer from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

The current version of the technical data sheet with the newest release date is available on our homepage www.reicolor.de/Produkte. With the publication of a new edition of this technical data sheet all information in previous data sheets is no longer valid.

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