

Zinc Coat LZ-80

PVC lacquer for hot-dip galvanised surfaces.



Product description

Application range

For direct coating of hot-dip galvanised parts, steel, aluminium or rigid PVC, indoor and outdoor application. Carry out a suitable substrate cleaning or treatment like grinding or sweeping before the application of LZ-80.

Properties

- excellent corrosion protection
- good adhesion
- resistant to diluted acids
- 1-Component lacquer
- simple to use

Binder agent

PVC

Colour shades

RAL, NCS, metallic, mica and special colours

Gloss level

semi-glossy to semi-bright depending on colour shade

Delivery sizes

1,0 l
2,5 l
5,0 l
12 kg
30 kg

Density

approx. 1,2 g/cm³

Resistances

Temperature:
up to approx. + 80°C dry heat, on short-term up to + 100°C

Chemical influences:
Resistant to many chemicals, diluted acids and diluted lyes

Fastness to light and UV-radiation:
Pigmented colours effectively light-fast, depending on the colour. Danger of fading.
Gold, old gold, bronze, copper and old copper colours have only limited suitability for outdoor use due to their high metals contents.
For outdoor decorative application we recommend ReiColor LZ-90 (1-Component lacquer), ReiColor ZY-20 or ZL-23 (2-Component lacquers).

Application rate

approx. 6 m²/kg (60 µm DFT)

Storage stability / shelf-life

in unopened can at least 2 years from delivery, store cool and dry

Handling

Material preparation

Before use stir thoroughly including bottom and wall of the can.

Working instruction

Homogeneous coating thickness and uniform appearance depend on the application method. Spraying leads to the best result. Using mica and metallic colours you have to use spray application.

Application method

Brushing and rolling:
If other application methods are not possible.

Extruding:
High pressure method with 1,5 – 2 mm injector, pressure 4 – 6 bar, if necessary, add a little solvent.

Airless or Airmix spraying:
Spraying pressure of spray gun min. 180 bar, injectors from 0,38 – 0,53 mm, spraying angle 65 – 80°.

ESTA (electrostatic) spraying:
E.g. with Ransburg No. 2 or similar machines. Adjusted for electrostatic processing. Consider manufacturer's instructions.

Application temperature

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

Solvents

ReiColor VK-80

Substrate preparation

Bottom chord clean thoroughly before applying. All surfaces have to be solid, clean and dry. Remove loose parts such as rust, white rust, scale, carbon black, grease and other contaminations.

hot-dip galvanised and aluminum surfaces:
To increase adhesion of the new coating use sweeping. Alkaline, acid or solvent based cleaning are not sufficient to ensure good adhesive strength.

Coating built-up

Depending requirements of object.
For zinc, aluminum and steel surfaces we recommend:
1 to 2 paintings with 2-Component Epoxy primer, e. g. ReiColor ZG-02
1 to 2 paintings with top coat LZ-80

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. 7 to 8 h
Complete drying only after several days. Take care when masking or when storing on top of one another and 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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