

# 2C Epoxy lacquer ZL-22

2C epoxy resin based coating system with long pot life.



## Product description

### Application range

Long-term corrosion protection for steel parts, machines, equipment and industrial plants of all kinds. Also suitable for hot galvanised surfaces. Excellent adhesion on steel, hot-dip galvanised steel and light metal.

Liquid, solvent based plastic on epoxy resin base with outstanding durability properties against many chemicals, diluted alkalines, diluted acids, salts, oils, fats etc. High mechanical strength properties.

Particularly suitable as coating for industrial floors of concrete, floor pavement or stone. Less suitable for decorative paintings.

### Properties

- fast drying
- good levelling
- high covering power
- excellent adhesion
- high surface hardness
- high chemical resistance

### Colour shades

RAL, NCS on request

### Gloss level

glossy (depending on colour shade)

### Solid content

approx. 65% (depending on colour shade)

### Binder agent

epoxy resin

### Application rate

approx. 7 m<sup>2</sup>/kg (60 µm DFT)

### Delivery sizes

700 g ZL-22 + 300 g ZE-01  
 3,5 kg ZL-22 + 1,5 kg ZE-01  
 7,0 kg ZL-22 + 3,0 kg ZE-01  
 21,0 kg ZL-22 + 9,0 kg ZE-01

### Hardener

ReiColor ZE-01

### → Basis

special epoxy hardener

### → Mixing ratio

7 : 3 (weight parts)

**Storage stability / shelf-life**

in original unopened can about 2 years from delivery, store cool and dry

## Handling

**Material preparation**

First homogenise thoroughly part A and hardener separately from each other. Before use mix compound A and hardener together and stir thoroughly compound A with compound B. Leave to stand for approx. 30 minutes before the application.

**Application method**

**Air spraying:**

High pressure spraying at  
1.5 - 2 mm nozzle,  
4 - 6 bar,  
if necessary, add a little thinner, e.g. ReiColor VE-50.

**Airless spraying:**

Spray pressure in gun at least 180 bar,  
nozzles from 0.38 – 0.53 mm,  
spray angle 65 – 80°.

**ESTA spraying:**

E.g. 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**

Minimum +10°C temperature of object treated on a dry, clean surface. Avoid processing in high air humidity.

**Substrate preparation**

Observe the information in EN ISO 12944 and other relevant standards and 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.

**Working life**

approx. 8 h

**Drying time**

At approx. 60 µm / + 20°C, DIN EN ISO 9117-5:  
T1 (dust dry): approx. 2 h  
T6 (touch dry): 8 - 9 h  
Thoroughly dried over night.

**Solvents**

ReiColor VE-50

## Notes

**Safety instructions VOC**

Cat. A/j, 500 g/l (2010). Mixed with hardener ZE-01 this product contains max. 500 g/l VOC.

**Hazard notes**

For hazard information, see the Safety Data Sheet. Other regulations such as e.g. the Hazardous Materials Regulations must be observed.

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

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