

2C-EP-zinc dust primer ZG-01

Two-component epoxy resin zinc dust primer with hardener ZE-01 for steel and iron.



Product description

Application range

Special coating using a zinc dust/epoxy resin base offering excellent adhesion to steel and iron. Paint coats applied with the product contain over 92% zinc dust in solid state. The degree of purity of the zinc dust used is 99.9% zinc. High resistance to water, condensation, de-icing salt, oil and fat.

In accordance with DIN 1461, BS 4256:1995 and ASTM A780 / A780M - 09, also suitable for touch-up work on hot-dip galvanised steel. Ideally suited for all subsequent 2-component topcoats.

Properties

- excellent corrosion protection
- good adhesion
- long pot life
- fast drying

Colour shades

grey

Gloss level

mat

Application rate

approx. 4 m²/kg

Binder agent

epoxy resin in combination with polyamidoamine

Delivery sizes

1.2 kg ZG-01 + 100 g ZE-01
6.0 kg ZG-01 + 500 g ZE-01

Temperature resistance

up to approx. +100°C in dry heat, on short-term up to approx. +150°C

Hardener

ReiColor **ZE-01**

→ Basis

special hardener with long pot life

→ Mixing ratio

part A : part B in wt.% 12 : 1

Storage stability / shelf-life

In the unopened original container in a cool and dry environment approx. 2 years from delivery date .

Handling

Material preparation	Before mixing, stir both components thoroughly and separately until homogeneous. Ensure that the bottom and sides of the container are also respected. Then mix both components thoroughly, preferably using an agitator.
Application method	brushing, rolling, spraying
Substrate preparation	Observe the information in EN ISO 12944 and other relevant standards carefully.
Application temperature	material and object temperature at least +5°C to max. +40°C
Working life	approx. 8 h
Solvents	ReiColor VE-50
Drying time	Drying time at approx. 60 µm/+20°C, DIN EN ISO 9117-5: T1 (dust dry): approx. 20 min T6 (dry to handle / touch dry): approx. 5 to 6 hours

Notes

Safety instructions VOC	Cat. A/j, 500 g/l (2010). When mixed with part B / hardener this product contains max. 500 g/l VOC max.
Hazard notes	Observe Safety Data Sheet. Further directions, e.g. the Technical guideline for the handling of hazardous materials are to be considered.

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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