

2C EP Primer ZG-02

2 component epoxy resin primer with hardener ZE-01 for metals.



Product description

Application range

Primer with excellent corrosion protection and excellent adhesion to steel, aluminium and hot-dip galvanised steel. Universally suitable for subsequent 1- and 2-component topcoats. Resistant to dilutes acids and lyes, water, condensation, de-icing salt, oil and grease.

Properties

- excellent corrosion protection
- high content of zinc phosphate
- excellent adhesion
- high mechanical strength
- long pot life

Colour shades

See ReiColor colour chart for special colours. RAL- and further colours have to be discussed.

Gloss level

matt

Binder agent

epoxy resin in combination with polyamidoamine

Application rate

approx. 5 m²/kg (60 µm DFT)

Temperature resistance

up to approx. 100°C in dry heat

Delivery sizes

1,0 kg ZG-02 + 200 g ZE-01
5,0 kg ZG-02 + 1,0 kg ZE-01
10,0 kg ZG-02 + 2,0 kg ZE-01
20,0 kg ZG-02 + 4,0 kg ZE-01

Hardener

ReiColor **ZE-01**

→ Basis

special hardener with long pot life

→ Mixing ratio

5 parts by weight A : 1 part by weight part B

Storage stability / shelf-life

In original, unopened containers about 2 years from delivery, unmixed, store cool and dry.

Handling

Material preparation	Prior to use, mix part A and part B thoroughly, leave to stand for approx. 30 minutes before the application.
Application method	By brush, roller coating, spray equipment, also airless and esta according to setting. Airless 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. Consider manufacturer's instructions.
Substrate preparation	The information in EN ISO 12944 and relevant standards must be strictly observed.
Application temperature	+5°C to max. +40°C material and object temperature
Working life	approx. 6 hours
Solvents	ReiColor thinner VE-50
Drying time	approx. 60 µm / +20°C, DIN EN ISO 9117-5 T1 (dust dry): approx. 40 min T6 (dry to handle): approx. 7 – 8 hours

Notes

Safety instructions VOC	Cat. A/j: 500 g/l (2010). When mixed with part B this product contains max. 500 g/l VOC.
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.

Reicolor Chemie-GmbH
Werkstraße 21
D-90518 Altdorf b. Nürnberg
Tel.: +49(0)9187/97 03-0
<https://www.reicolor.de>



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