

ECLON EP 87

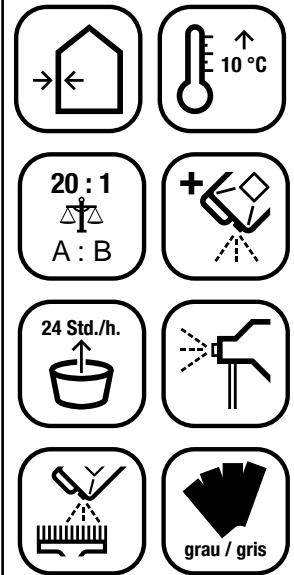
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2K-zinc dust primer

VFL
Vismara Farbladen



Properties	ECLON EP 87 2K-zinc dust primer is a 2-component epoxy resin corrosion protection primer with excellent adhesion on blasted substrates. Characterized by highest durability and can be overpainted with any saponification-resistant 1- and 2-component system. Approved and monitored according to sheet 87 and 94 TL/TP – KOR, steel structures.
Field of application	In system combination with suitable primers and top coats in wet or salty atmospheres, such as in steel and bridge construction. Namely for objects in connection with SBB buildings. But also in the machine industry, in steel and metal construction, vehicle construction, apparatus engineering.
Pretreatment	Any contamination must be removed before blasting. Oil and grease deposits must be removed with solvents or emulsifier solutions. Salts or other water-soluble impurities must be removed with water and/or steam jet (according to EN/ISO 8502). After this pre-cleaning, the substrate must be blasted according to standard purity Sa 2½.
Processing	The object temperature must not drop below +10 °C. The dew point must be observed.
Drying	At 20 °C substrate temperature: 70 µm (dry film thickness) <ul style="list-style-type: none">◆ Drying degree 1 (DIN ISO 53150) after approx. 50 minutes◆ Drying degree 6 (DIN ISO 53150) after approx. 6 hours◆ Recoatable at 20 °C after about 12 hours and at 15 °C after about 24 hours.
Dilution	ECLASOLV A-2314 EP diluent or ECLASOLV A-851 PU brush thinner.
Extensiveness	Theoretically bei 60 µm 277g per m ² / Practical: Factor 2.0-2.4 depending on object geometry The information on practical consumption corresponds to an average value for a spray application. The compensation of the radiation roughness depth is not considered. Practical consumption can vary greatly, depending on the object geometry and the method of application.
Mixing ratio	Hardener A-2604 20 parts by weight component A and 1 part by weight component B (20 : 1).
Pot life	24 hours à 20 °C.
Application	Air and airless spraying, brushing or rolling. Air Syringes Pressure: 3–4 bar / Nozzle: 1,5 mm – 2,0 mm / 10–15 % Addition of thinner. Pressure: 120–150 bar / Nozzle: 1,0 mm – 0,5 mm (0,017–0,021 inch) / 0–5 % Addition of thinner.
Cleaning	Clean tools immediately after use with epoxy, universal or cleaning thinner.



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Delivery form	Package (including hardener) of 21 kg.
Shelf life	ECLON EP 87 can be stored for at least 12 months in the well closed original container. Storage beyond this specified period does not necessarily mean that the goods are unusable. However, for quality assurance reasons, it is essential to check the required property values. Opened containers must be well sealed.
Viscosity	The delivery viscosity is brush viscosity.
Density	Components A + B: $2,90 \pm 0,10 \text{ g/cm}^3$
Solid content	Components A + B: Weight = $89 \pm 2 \%$ / Volume = $63 \pm 2 \%$
Binder base	Epoxy resin, polyamine adduct
Solvents	Aromatic hydrocarbons.
Pigment base	Metallic zinc dust powder
Pigment content	At least 90% in a dry coat.
Gloss level	Matt
Colours	Grey
Authorisation	Approved and monitored according to sheet 87 and 94 TL/TP – KOR, steel structures. Type «Z» (chemical industry approval) according to BN 108/109
Registration	Components A: CPID 143801 / Components B: CPID 558881
Classification	For information on chemical properties and hazards as well as regulations regarding transport, processing, storage, disposal, etc., please refer to the safety data sheet.
Note	<i>The specified solid value, density and coverage may vary depending on the color shade.</i> Calculation basis: Color shade grey .

This leaflet is only intended as a reference and non-binding advice. The processing must be adapted to the corresponding conditions. In special cases we recommend to contact our technical service. However, all data and information on the suitability and application of the delivered products do not exempt the processor from carrying out his own tests and trials. A claim for damages for omitted, incomplete or incorrect information is excluded. This applies in particular if thinners or hardeners and other products are used in the paint build-up system.

Furthermore, we refer to our General Terms and Conditions (GTC) on our homepage.