

TECHNICAL DATA SHEET No.008



Zinkstaubfarbe

I. Product

einZA Zinkstaubfarbe is a multifunctional primer for iron with a high mechanical resistance.
Bundesbahn-Stoff-number 588.20.38.

Type of material	highly pigment concentrated zinc dust paint (92 - 94% zinc dust)
Application	electrochemically effective anticorrosive priming
Colour	zinc grey
Degree of gloss	mat
Specific weight	appr. 2,8 = 2.800 g/l
Binder basis	epoxy resin ester
Pigment basis	pure zinc dust, superfine
Temperature resistance	up to 130° C (shortly up to 180° C)
Packing sizes	2,5 l - 750 ml

II. Purposes and processing

Weldability	a single coating with a dry film thickness of 30 µm results (with arc and shielded welding) in perfect weld.
Resistance	particularly resistant against weather and water, hydraulic fluids and mineral oils.
Dilution	einZA Universal-Nitroverdünnung.
for brushing on and rolling on	undiluted
for spraying	Spraying pressure 3 - 4 bar Nozzle size 2 - 2,5 mm Dilution appr. 12% Viscosity 25 - 30 sec. DIN 4 bucket (20 °C)
Airless spraying	very suitable for piston and diaphragm units.
Spreading rate	10 - 12 m ² /l
Drying (20 °C, 65 - 75% rel. air humidity, 90µm wet film)	after appr. 20 min. dust dry - after appr. 1 hour dry to touch
Stoving	20 min. at 120° C
Processing	
Recoatable by brush	after appr. 3 hrs. with einZA Kunstharzlacken and after appr. 24 hrs. with einZA Flüssig-Kunststoff or einZA Zinkofan.
Re-sprayable	after appr. 3 hrs. with einZA Kunstharzlacken and after appr. 24 hrs. with einZA Flüssig-Kunststoff or einZA Zinkofan. Polishing with a brass brush results in a surface of metallic gloss.
Storage	unlimited in case of closed containers.
Cleaning of the tools	einZA Universal-Nitroverdünnung

P.T.O.!

III. Coating and/or applying technique

The surfaces to be treated have to be metallically pure and free from dust, grease and oil such as to guarantee a good contact with the iron substrate and an effective electrochemical corrosive protection. The best pretreatment of iron and steel will be achieved with sand blasting 'Entrostungsgrad (rust removal degree) 3' RoSt Abschnitt (section) 2.213. Because of its high zinc content einzA Zinkstaubfarbe functions as cathodic corrosion protection and it protects the substrates against underfilm corrosion in case of small damages of the coat.

Coating

Apply two or three times prime coat with einzA Zinkstaubfarbe (apply only one coat before works of weld and as delivery coat).

Intermediate coat with einzA Korral-Primer

Finish coat with einzA varnishes such as e.g. einzA (mix) Lawinol Maschinenlack or einzA (mix) Bunt Hochglanzlack

Apply einzA Flüssig-Kunststoff only after sufficient drying (after 24 hrs.) directly on einzA Zinkstaubfarbe.

IV. Security advice and labelling

Flash point	over 21 °C
Hazardous class to VbF	not applicable

The product is subject to the Ordinance on Hazardous Substances.

All necessary advices are included in the Safety Data Sheet according to the CLP regulation (GHS) corresponding the regulation (EG) no. 1272/2008. At any time available at www.einzA.com or to be requested by sdb@einzA.com.

Labeling notes on the container labels have to be considered !

VOC-content regarding enclosure II of the VOC guideline 2004/42/EG

VOC limit value enclosure II A (sub-category i) - Lb: max. 500 g/l reg. level II (2010)

VOC-content of einzA Zinkstaubfarbe: <400 g/l

The details given above have been compiled in accordance with knowledge of state-of-art testing technology and are to be considered as directives. Because of the manifold methods of application and working these are without commitment and give no grounds for any contractual legal relationship and, moreover, do not release the user from testing our products as to their suitability at his own responsibility. In all other respects our general terms of business are valid. **Issue 03/2020**; as a result of which all previous memorandum sheets become invalid.