

TECHNICAL DATA SHEET No.181



All-Grund

Colour matching with **einZAmix**

I. Product

einZA All-Grund is a fast drying universal key coat. Special binder-components guarantee good adhesion on zinc, galvanized steel, light and non-ferrous metals, hard PVC and thermosetting plastics. einZA All-Grund is lead- and chromate-free, pigmented with rust protection pigments for a durable corrosion protection.

Type of material	fast drying universal adhesion, anticorrosive primer
Application	adhesion primer for substrates of zinc, galvanized steel, light and non-ferrous metals, hard PVC and thermosetting plastics. Anticorrosive primer of iron and steel.
Colour	white, grey, reddish brown and other colours through the einZA mix colour-mix-system (einZA mix L with the basic paint T)
Degree of gloss	mat to silky-mat
Specific weight	appr. 1,300 - 1,350 = 1.300 - 1350 g/l, depending on the colour
Binder basis	fast drying, special adhesion resin.
Pigment basis	lead- and chromate-free pigments, active anticorrosive pigments, extenders
Temperature resistance	up to 180 °C
Packing sizes	Standard: 14 kg - 2,5 l - 750 ml - 250 ml einZA mix: 10 l - 3 l - 1 l

II. Properties and working instructions

Processing regulations	no special regulations
Weldability	good, with one coat
Nitro resistance	after drying over night
Water resistance	very good
Chemical resistance	very good to flue gas and industrial vapours
Weather resistance / Adhesion / Elasticity / Impact resistance	fulfills the requirements of the DIN and VOB stipulations
Compatibility	do not mix with other products
Dilution	
for brushing on and rolling on	thinner einZA Universal-Nitroverdünnung
for spraying and dipping	einZA Universal-Nitroverdünnung
Airless spraying	undiluted, very suitable for piston and diaphragm units. Nozzle: 0,28 mm or 0,011 inch; filter: 100 mesh
Spreading rate	10 - 12 m ² /l = 85 - 100 ml/m ²

P.T.O.!

Drying (20 °C, 65 - 75% rel. air humidity, 90 µm wet film)

after appr. 45 min. dust dry - after appr. 2 hrs. dry to touch

Processing

Recoatable by brush

after appr. 2 - 3 hrs. with einzA Kunstharzlacken (paint based on synthetic resin)
(e.g. einzA Seidenmatt or einzA Bunt)

after drying over night with other paint

(e.g. einzA Flüssig-Kunststoff, einzA Lawidur 2-K-PU-Buntlack or einzA Zinkofan)

Cleaning of the tools

einzA Universal-Nitroverdünnung

III. Coating and/or applying technique

The stability of a coat is, to the most part, dependant on the careful pretreatment of the substrate.

The substrate has to be dry, clean and free from grease, oil and other impurity.

Coating of zinc, galvanized substrates, leight and non-ferrous metal

Clean and degrease the substrates according to BFS-specification sheet No. 5 with ammonia and cleaning agents (Pril or similar) or with ready-made detergents. Then scrub with nylon fleece (Scotch Britt or similar) and wash carefully with clear water. Clean and degrease carefully with a neutral detergent substrates of leight and non-ferrous metal such as copper and brass, scrub and wash.

Coating technique

1. adhesive prime coat with einzA All-Grund.
2. intermediate and final coat with einzA Kunstharzlacken (paint based on synthetic resin).

Coating of thermosetting plastics and hard PVC

Clean and degrease thermosetting plastics and hard PVC with einzA Aktiv-Reiniger.

Then scrub with nylon fleece (Scotch Britt or similar) and wash carefully with clear water.

Coating technique

1. adhesive prime coat with einzA All-Grund.
2. Intermediate and final coat with einzA Kunstharzlacke (paint based on synthetic resin).

Coating of iron and steel

Before applying einzA All-Grund derust according to the known rules the iron and steel so that the substrates to be treated are free of mill scale, clean, dry and free of grease. Immediately after the rust removal apply the first anticorrosive coat as to guarantee the best adhesion and rust protection.

Coating technique

1. anticorrosive prime coat with einzA All-Grund (twice outdoors).
2. intermediate and final coat with einzA Kunstharzlacken (paint based on synthetic resin).

Remark

After a long standing time of einzA All-Grund (48 hrs.), intermediate sanding should be performed before recoating with lacquer.

IV. Security advice and labelling

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 (mix) All-Grund: < 450 g/l

P.T.O.!

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 !

The previous information has been conscientiously compiled according to the present state of knowledge of test technology and should serve as a guideline. Due to the multitude of uses and working methods, it is non-binding, does not establish any contractual legal relationship and does not release the consumer from his own responsibility of checking our products himself. Otherwise, our conditions of delivery and payment apply.

Issued 01/2021; with this, all previous specification sheets are invalid.