

## TECHNICAL DATA SHEET No.004



# Korral-Primer

### I. Product

einZA Korral-Primer is an anti-corrosive etch primer with high resistance, prime coat with priming varnish character, results in good flow out and even surfaces. einZA Korral-Primer reliable protects iron and steel against corrosion, is adhesion enhancing on non-ferrous metals, light and non-ferrous metal as well as thermosetting plastics, glass-reinforced plastics and hard PVC. Also suitable as prime coat for wood.

Type of material	anti-rust coat with universal adhesion
Application purpose	anti-corrosive priming on iron and steel. Also suitable for thermosetting plastics, glass-reinforced plastics, hard PVC, non-ferrous metal and wood.
Colour shades	weiß, grau, graugrün, grün, rotbraun, schwarz
Gloss level	matt to silky-matt
Specific weight	approx. 1.280 - 1.400 = 1280 - 1400 g/l (depending on the colour)
Binder basis	special synthetic resin based on medium oil alkyd resins
Pigment basis	lead and chromate free colour pigments, rust inhibitors (zinc phosphate), fillers
VOC limit value enclosure II A	Lb: max. 500 g/l reg. level II (2010)
VOC-content of einZA Korral-Primer	< 400 g/l
Temperature-resistant	up to 180 °C
Package sizes	14 kg net - 2.5 l - 750 ml - 250 ml

### II. Properties and working instructions

Processing regulations	no special regulations
Weldability	good, with one coat
Water resistance	very good
Chemical resistance	very good against flue gas and industrial vapours
Weather resistance	at least 1 year with two coatings on iron and steel
Adhesion / Elasticity / Impact resistance	fulfils the requirements of DIN and VOB conditions
Compatibility	do not mix with other products
Dilution	
Brushing and rolling	einZA Lackverdünnung-Terpentinersatz
Spraying and immersion	einZA Kunstharzverdünnung
Airless spraying	suitable for piston and diaphragm pistols
Spreading rate	10 - 12 m <sup>2</sup> /l = 85 - 100 ml/m <sup>2</sup>
Drying times (20 °C, 65 - 75 % rel. air humidity, 90 µm wet film)	dust-free after approx. 2 hours - touch proof after approx. 8 hours
Oven drying	1 hour at 120 °C
<b>Processing</b>	
Recoatable	after approx. 16 - 24 hours please consider before rework an intermediate grinding has to be made.
Cleaning of tools	einZA Lackverdünnung-Terpentinersatz

P.T.O.!

### III. Coating and/or applying technique

einZA Korral-Primer is an adhesion enhancing anti-rust coating and is very easy to process. It is a system product for intermediate and final coating with all conventional einZA varnishes on alkyd resin basis or with water-dilutable einZA products.

The durability of a coating depends particularly on the careful pre-treatment of the surface.

The surface has to be clean, dry and free of grease. In case of iron and steel rust and mill scale has to be removed thoroughly.

Degrease surfaces made of light metal and non-ferrous metal (for example aluminium) and remove oxidation by sanding and ashing with clear water thoroughly.

Thoroughly clean and sand thermosetting plastics, hard PVC and old, stable surfaces.

Then wash carefully with clear water.

#### Coating inside

1. Prime coat with einZA Korral-Primer.
2. Intermediate coat with einZA Vorlack-Schnellschliffgrund.
3. Final coat with einZA Bunt Hochglanzlack or einZA Seidenmatt-Buntlack.

#### Coating outside

1. First prime coat with einZA Korral-Primer.
2. Second prime coat with einZA Korral-Primer.
3. Intermediate coat with einZA SOLID Basic Vorlack for outside and inside application.
4. Final coat with einZA Bunt Hochglanzlack or einZA Seidenmatt-Buntlack.

For hard PVC and thermosetting plastics einZA Korral-Primer can be used in a 3-coat-structure as a semigloss one-component-system (primer, intermediate and final coat).

**Notice:** Before rework an intermediate grinding has to be made.

As adhesion enhancing primer for surfaces made of zinc and for galvanized steel we recommend, according to the regulations of BfS - specification sheet no. 5, our 2-component adhesion primer einZA (mix) Lawirostal 2-K-Epoxi-Primer or einZA (mix) All-Grund.

In the exceptional case einZA Korral-Primer can be used for very old, weathered, galvanized surfaces as adhesion enhancing priming. In this case a trial coat will be mandatory. The adhesion has to be checked on one's own responsibility. In case of positive evaluation the surfaces have to be degreased, washed with diluted ammonia with added surfactant (Pril or similar), sanded with nylon fleece (Scotch Britt or similar) and afterwards washed carefully with clear water.

### IV. Security advice and labelling

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](http://www.einzA.com) or to be requested by [sdb@einzA.com](mailto: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 Korral-Primer: <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 01/2018**; as a result of which all previous memorandum sheets become invalid.