

## TECHNICAL DATA SHEET No.091



# Antik-Metall

### I. Product

einZA Antik-Metall is a special lacquer for "Antique" varnishing of wrought art objects, for example banisters, doors, fences, grids, interior and exterior lights, small parts etc. einZA Antik-Metall is weatherproof, results in a silk-matt coating with slight metallic lustre and can be made to distinct "Eisenglanz" by brushing (brush with short, hard bristles) the surface. But the high content of graphite will bring limitation in the wipe resistance.

Type of material	silk-matt synthetic resin special lacquer
Application purpose	"antique" metal coating for wrought art objects on primed iron and steel, pre-treated and primed zinc and galvanized iron as well as wood
Colour shade	schuppenschwarz
Gloss level	silk-matt
Specific weight	1.33 = 1.330 g/l
Binder basis	special synthetic resin on alkyd resin basis
Pigment basis	graphite-micaceous iron ore-combination
Package sizes	750 ml

### II. Properties and working instructions

Weatherproof / Adhesion / Elasticity / Impact resistance	fulfils the requirements of the DIN and VOB conditions
Compatibility	do not mix with other products
Dilution	einZA Lackverdünnung-Terpentinersatz
Brushing and rolling	undiluted
Spraying	Dilution addition: approx. 15 % Nozzle size: 1.5 mm Pressure: 3 - 3.5 bar
Spreading rate	9 - 10 m <sup>2</sup> /l
Drying times (20 °C, 65 - 75 % rel. air humidity, 100 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. 24 hours
Polish-able	after approx. 24 - 48 hours
Cleaning of tools	einZA Lackverdünnung-Terpentinersatz

P.T.O.!

### III. Coating and/or applying technique

The surfaces have to be clean, dry and free of grease. Sand well-adherent old coatings matt and clean.

Thoroughly remove rust and mill scale from iron and steel. Zinc surfaces have to be pre-treated according to the BFS-data sheet no. 5 \*) which means clean and degrease with diluted liquid ammonia by adding a little amount of surfactant (for example Pril or similar) or with phosphoric acidic cleaning agents. Remove white oxidation films with perlon or nylon fleece (for example Scotch Britt). Then wash thoroughly with clear water.

#### Coating on iron and steel

Prime coat with einzA Korral-Primer (twice outside)

Intermediate coat with einzA Antik-Metall

Final coat with einzA Antik-Metall (twice outside)

#### Coating on zinc surfaces

Prime coat with einzA Lawirostal 2-K-Epoxi-Primer or einzA All-Grund

Intermediate coat with einzA Antik-Metall

Final coat with einzA Antik-Metall (twice outside)

#### Coating on wood

Prime coat with einzA Vorstreichfarbe (for outside) or einzA Vorlack (for inside)

Intermediate coat with einzA Antik-Metall

Final coat with einzA Antik-Metall (twice outside)

\*) Publisher: Bundesausschuß Farbe und Sachwertschutz, Vilbeler Landstraße 225, 60388 Frankfurt/M.

### IV. Safety advice and labeling

GIS code (product code)	M-LL01
Flash point	over 21 °C

The product is subject to the Ordinance on Hazardous Substance.

All necessary indications are contained in the REACH Safety Data Sheet regarding (EC) Regulation no. 1907/2006. From 1<sup>st</sup> June 2015 onwards in the Safety Data Sheet regarding CLP regulation (GHS) according to the regulation (EC) no. 1272/2008. Available at [www.einza.com](http://www.einza.com) at any time or to be requested using [sdb@einza.com](mailto:sdb@einza.com). Labelings on the packaging 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 Antik-Metall: <400 g/l

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 10/2016;** with this, all previous specification sheets are invalid.