

TECHNICAL DATA SHEET No.090



Kunstschmiedelack

I. Product

einZA Kunstschmiedelack is a matt lacquer for ancient and modern wrought ironwork like for example banister, grids, doors and small parts. einZA Kunstschmiedelack is weather resistant and results in a restrained, matt coating.

Type of material	matt synthetic enamel
Application purpose	special coating for wrought ironwork
Colour shades	black
Degree of gloss	matt
Specific weight	approx. 1.30 = 1.300 g/l
Binder basis	special synthetic resin on an alkyd resin basis
Pigment basis	lightfast colour pigments and edificial pigments
Temperature resistance	up to 180 °C
Package sizes	750 ml - 250 ml

II. Properties and working instructions

Opacity / Flow out / Volume	very good
Weather resistance / 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
For spraying	einZA Kunstharzverdünnung
Airless spraying	undiluted, suitable for piston and diaphragm units
Spreading rate	10 - 12 m ² /l depending on the surface and applying method
Drying times (20 °C, 65 - 75 % rel. air humidity, 90 µm wet film)	dust-free after approx. 2 hours and touch-proof after approx. 8 hours

Processing

Recoatable	after approx. 24 hours
Resprayable	after approx. 24 hours
Sandable	after approx. 48 hours
Cleaning of tools	einZA Lackverdünnung-Terpentinersatz

P.T.O. !

III. Coating and/or applying technique

Professionally derust and clean surfaces made of iron and steel.

The surface has to be free of mill scale and scales, clean, dry and free of grease.

Coating inside

Prime coat with einzA Korral-Primer

1 - 2 final coats with einzA Kunstschmiedelack

Coating outside

Two prime coats with einzA Korral-Primer

Intermediate coat with einzA Kunstschmiedelack

Final coat with einzA Kunstschmiedelack

After a longer period of rest (48 hours) einzA Korral-Primer has to be grinded before applying einzA Kunstschmiedelack.

IV. Safety advice and labeling

GIS code (product code)	M-LL01
Flash point	over 21 °C
Hazardous class to VbF	not applicable

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 1st 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 at any time or to be requested using 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 I (2010)

VOC-content of einzA Kunstschmiedelack: < 500 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.