

## TECHNICAL DATA SHEET No.198



# Felgensilber

### I. Product

einZA Felgensilber is a one component special lacquer for the lacquering with metallic surface finish. Especially for spray painting of primed metal surfaces indoors and outdoors as well as for pre-treated wooden surfaces indoors. Results in high-quality varnishes with decorative metal effect with good coverage, good gloss maintaining and smooth flow.

Type of material:	1-component special lacquer for effect lacquering
Application purpose:	for high-value lacquering in "Aluminiumsilber-Optik" (aluminium silver optic)
Colour shading:	aluminium silver
Degree of gloss:	semi gloss
Specific weight:	0,960 = 960 g/l
Binder basis:	with solvent based acrylate modified alkyd resin combination
Pigment basis:	aluminium powder
Package sizes:	2,5 l - 750 ml - 250 ml

### II. Properties and working instructions

Light fastness:	very good
Chemical resistance:	good against weak acid, base and household detergents
Weather resistance:	} fulfils the requirements under DIN Standards and VOB conditions
Adhesion:	
Elasticity:	
Compatibility:	do not mix with other products
Drying times (20 °C, 65 - 75 % relative air humidity, 90 µm wet film)	dust-free after approx. 4-5 hours and tack-free after approx. 10-12 hours
Spreading rate:	10 - 12 m <sup>2</sup> /l = 80 - 100 ml/m <sup>2</sup>
Dilution:	einZA Lackverdünnung-Terpentinersatz
For spraying and rolling	einZA Kunstharzverdünnung
Airless-spraying:	undiluted, suitable for flask- and membrane-tools
Processing	
Recoatable:	after approx. 18 hours
Sandable:	after approx. 48 hours
Cleaning of tools:	einZA Lackverdünnung-Terpentinersatz

### III Coating and/or applying technique

For best finishing with very homogeneous and even surfaces einZA Bunt Felgensilber should be applied by airless spraying.

In case of coating or rolling the material has to be applied efficiently and be smoothed in one direction.

In case of coating we recommend to use a smooth flat brushes, apply fast and efficient, avoid lugs.

In case of rolling we recommend the use of concave rounded foamed material roller.

Slight shading and streakiness arise from the process and are unavoidable when applying lacquers with floating aluminium pigments in coating or rolling method.

P.T.O. !

#### **Application on iron and steel**

Before coating steel and iron has to be derusted appropriate and professionally in a way that the surface to be treated is free of mill scale and tinder, clean, dry and free of grease. Apply first rust protection coating immediately after rust removal so that a maximum of adhesion and rust protection is reached.

- Prime coat with einzA Korral-Primer (twice outdoors)
- Intermediate coat with einzA Felgensilber
- Final coating with einzA Felgensilber

#### **Application on wood, indoors**

The wooden parts to be coated have to be dry, clean, free of wax and grease.

- Pore off with einzA Schnellspachtel, smooth slightly
- Intermediate coat with einzA Korral-Primer
- 1 - 2 final coatings with einzA Felgensilber

#### **Important note:**

einzA Bunt Felgensilber is produced based on a modified alkyd resin with a high rate of acryl.

Therefore einzA Felgensilber has to be classified as thermoplastic and is unsuitable for the covering of mechanically loaded coatings.

## **IV. Security advice and labelling**

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 to 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 Felgensilber: <450 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 09/2017**; as a result of which all previous memorandum sheets become invalid.