

## TECHNICAL DATA SHEET No.042



# Plastik-Siegel

High-glossy and silky-matt

### I. Product

einZA Plastik-Siegel is a colourless one-component polyurethane varnish for outside and inside application for silky-matt or high-glossy clear coatings of wooden surfaces. einZA Plastik-Siegel is easy to apply, shows high elasticity with good abrasion resistance, mild odour and quick drying. einZA Plastik-Siegel is suitable for example for the varnishing of wooden boats, doors, interior window frames, seatings, shutters, interior wood panelling and normally stressed wooden floors and treads.

Type of material	one-component polyurethane varnish for outside and inside application
Application purpose	sealing and coating of wooden floors, coating varnish for furniture, wooden boats, window frames inside (also made of tropical wood) etc.
Colour shades	colourless
Gloss level	high-glossy and silky-matt
Specific weight	0.92 g/cm <sup>3</sup> = 920 g/l
Binder basis	urethane alkyd
Package sizes	2.5 l - 750 ml - 250 ml

### II. Properties and working instructions

Abrasion resistance	very good with the Taber Abraser
Water resistance	very good
Chemical resistance	resistant to household cleaning agents, water and sea water, heating oil, diesel oil, motor oil, alcoholic beverages as well as animal and vegetable fat and oil
Weather resistance / Adhesion / Elasticity / Impact resistance	fulfils the requirements of DIN and VOB conditions
Compatibility	very good with all pigments (suitable as colour mixed varnish) do not mix with other materials
Dilution	einZA Lackverdünnung-Terpentinersatz
Brushing and rolling	undiluted
Airless spraying	undiluted 0.07 - 0.09 inch (0.18 - 0.23 mm) nozzle, pressure 150 - 160 bar
Spreading rate	12 - 16 m <sup>2</sup> /l = 60 - 85 ml/m <sup>2</sup> depending on the surface and method of application
Drying times (20 °C, 65 - 75 % rel. air humidity, 60 µm wet film)	dust-free after approx. 1 hour touch proof after approx. 2 - 3 hours after approx. 24 hours the coated object can be used as seating
<b>Processing</b>	
Recoatable	after approx. 5 - 6 hours
Sandable	after drying over night
Cleaning of tools	einZA Lackverdünnung-Terpentinersatz

P.T.O.!

### III. Coating and/or applying technique

By mixing einzA Plastik-Siegel high-glossy and silky-matt every optional gloss level can be obtained.

#### Surface treatment

The surface has to be dry, clean and free of wax and grease.

Thoroughly sand old coats of lacquer, in case of doubt remove completely.

#### Wood coating, outside and inside

Impregnation with einzA Bläueschutz (only in case of softwood lumber and coniferous wood outside).

Prime coat with einzA Plastik-Siegel, 20 % diluted.

Intermediate coat with einzA Plastik-Siegel, undiluted.

Final coat with einzA Plastik-Siegel, undiluted.

#### Tropical wood, outside and inside

Thoroughly wash wood with a high content of wood materials with a brush in direction of fibre using einzA Universal-Nitroverdünnung. Prime coat with einzA Plastik-Siegel, 20 % diluted.

Intermediate coat with einzA Plastik-Siegel, undiluted.

Final coat with einzA Plastik-Siegel, undiluted.

#### Renovation coating on already lacquered wooden surfaces

Thoroughly sand old, sustainable coating.

Completely remove wax, cleaning and polishing agents as well as grease residues.

Then apply 1 to 2 coats with einzA Plastik-Siegel, undiluted.

#### Notices:

An intermediate sanding is recommended between each of the coatings, this will result in mirror-like final varnishings and also raises the adhesion of following lacquerings.

When using einzA Plastik-Siegel silky-matt on strongly absorbent wooden surfaces prime diluted with einzA Plastik-Siegel high-glossy approx. 20 %. Further coating structure with einzA Plastik-Siegel silky-matt.

The binder basis of einzA Plastik-Siegel consists of urethane alkyd. These resins show an own specific colour similar to amber. Therefore, einzA Plastik-Siegel should not be used on white painted surfaces.

In order to avoid a possible greying of the wood einzA Plastik-Siegel should be used in combination with einzA Kompaktlasur in scumble colour when applying outside.

After longer drying time (more than 24 hours) a thoroughly intermediate sanding between every coating is necessary.

### IV. Security advice and labelling

GIS code (product code)

M-KH02

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 e) - Lb: max. 400 g/l reg. level II (2010)

VOC-content of einzA Plastik-Siegel: < 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 06/2018;** with this, all previous specification sheets are invalid.