

TECNICAL DATA SHEET No.158A



Lawinol

high-glossy and silk-glossy

Colour matching with **einZA mix**

I. Product

einZA mix Lawinol high-glossy and einZA mix Lawinol silk-glossy are quick-drying, with little aromatics, 1-component alkyd resin varnishes for inside and outside application with high weather resistance and good stability of gloss and colour. The fast drying of einZA mix Lawinol allows time and cost-saving quality varnishes.

Type of material	quick-drying 1-component-special varnish for inside and outside, shock-proof, impact-proof and scratch-resistant	
Application purpose	for high quality varnishes on pre-treated wooden and metal surfaces like for example furniture, agricultural machinery and equipment, utility vehicles as well as machinery in the industrial sector	
Colour shades	a wide range of colour shades obtained by using einZA mix L with the basis colours 1, 2 and 3	
Colour shades (metallic, silk-glossy)	tintable with einZA mix L with the basis colour ME in 38 decorative and brilliant metallic effect colours according the RAL Effect System	
Gloss level	high-glossy and silk-glossy	
Specific weight	1.00 - 1.30 g/ml depending on the colour shade	
Binder basis	medium oil special alkyd resins	
Pigment basis	pure, unaltered pigments	
Temperature-resistant	up to 80 °C	
Package sizes	einZA mix L (Basis 1, 2 and 3)	10 l - 3 l - 1 l (high and silk-glossy)
	einZA mix Metallic (Basis ME)	3 l - 1 l (silk-glossy)

II. Properties and working instructions

Light resistance	very good
Chemical resistance	good against weak acids, lye and household cleaning agents
Scrub resistance / Weather resistance / Adhesion / Elasticity / Impact resistance	fulfils the requirements of the DIN and VOB conditions
Compatibility	mixable among each other, do not mix with other products
Dilution	depending on the applying technique
Brushing and rolling	undiluted (if necessary little adding of einZA Lackverdünnung-Terpentinersatz)
Airless spraying	undiluted, nozzle size: 0.013 - 0.015"
High pressure spraying	diluted up to 20 % with einZA Universal-Nitroverdünnung
Working temperature	air and object temperature not below +5 °C
Air humidity	max. 80 to 85 %
Dew point	only apply at temperatures min. +3 °C above the surface temperature

P.T.O.!

Drying times (20 °C, 65 - 75 % rel. air humidity, 60 µm wet film)

dust-free after approx. 20 - 30 min. - touch proof after approx. 2 - 3 hours

Spreading rate

approx. 80 ml/m² bzw. 12 m²/l

Processing

Recoatable

after approx. 3 - 4 hours

Cleaning of tools

with einzA Universal-Nitroverdünnung

Processing note for einzA mix Lawinol Metallic, silk-glossy

For optimal lacquering with very homogeneous and even surfaces einzA mix Lawinol Metallic should be applied by spraying. In case of brushing and rolling the material has to be applied efficiently and in one direction. For brushing usage of a smooth flat brush is recommended, apply efficiently. Lugs should be avoided. For rolling we recommend to use a concave foam roller. Slight shading and streakiness is due to the system and can not be avoided at application (brushing or rolling) of lacquers with aluminium pigments buoying upwards.

III. Coating and / or applying technique

einzA mix Lawinol is especially suitable for a fast and efficient varnishing of surfaces made of wood, plastic and metal and where a quick re-use of the coated parts is required because of production technical reasons and reasons for economy.

Coating on metal and plastic surfaces:

Remove rust from iron and steel and clean professionally so that the surface to be treated is free of mill scale and scales, clean, dry and free of grease. Immediately after removing the rust apply the first coating to achieve maximum adhesion and rust protection effect.

Prime coat on iron and steel with einzA Rapid-Primer or with einzA (mix) All-Grund (twice outside).

Intermediate and final coat with einzA mix Lawinol high-glossy or silk-glossy.

In case of coatings on thermosetting plastics and hard PVC grease, dirt, dust and other contaminations have to be removed thoroughly from the surface. Then the surface to be coated has to be sanded slightly.

Galvanized and zinc construction elements have to be cleaned and degreased with ammonia and added surfactant (for example Pril or similar) and then sanded with nylon (Scotch Britt or similar) and washed thoroughly with clear water.

Thoroughly degrease, sand and clean light and non-ferrous metal.

Prime coat with einzA (mix) Lawirostal 2-K-Epoxi-Primer or e einzA (mix) All-Grund on plastic and non-ferrous metal surfaces.

Intermediate and final coat with einzA mix Lawinol high-glossy or silk-glossy.

Coating on mechanically stressed wooden surfaces inside:

Prime coat with einzA Rapid-Primer or with einzA (mix) All-Grund.

Intermediate coat with einzA mix Lawinol high-glossy or silk-glossy.

Final coat with einzA mix Lawinol high-glossy or silk-glossy.

The einzA mix Lawinol products are not suitable for windows, shutters and exterior doors.

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 the regulation (EG) no. 1272/2008. At any time available at www.einzA.com or to be requested by 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 mix Lawinol: < 450 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 02/2021; with this, all previous specification sheets are invalid.