

TECHNICAL DATA SHEET No.279



Gloss

Colour matching with **einZA mix**

High gloss lacquer for inside and outside

I. Product

einZA (mix) Gloss Hochglanzlack varnishes are particularly varnishes for professionals. These enamel varnishes are easy to process, show permanent high gloss and an even flow out. einZA (mix) Gloss Hochglanzlack lacquerings can be cleaned easily with customary cleaning agents.

einZA (mix) Gloss Hochglanzlack is suitable for hot water radiators (except white).

Type of material	Synthetic enamel
Application purpose	high-glossy, permanent lacquerings for outside and inside on wood and metal
Colour shades	white as well as a range of colour shades obtained by using einZA mix paint mixing
Gloss level	high-glossy, > 90 % according to DIN 67 530
Specific weight	0,930 - 1,150 = 930 up to 1.150 g/l (depending on the colour shade)
Binder basis	long-oily alkyd resin combination
Pigment basis	pure, unaltered pigments, lead and chromate free
Temperature resistance	80 °C up to 180 °C depending on the colour shade
Package sizes	Standard: 2,5 l - 750 ml einZA-mix: 3 l - 1 l

II. Properties and working instructions

Light resistance	very good
Chemical resistance	good resistant to weak acids, lyes and household detergents
Scrub resistance / Weather resistance / Adhesion / Elasticity / Impact strength	fulfils the requirements of DIN and VOB conditions
Compatibility	mixable among each other in any ratio
Drying times (20 °C, 65 - 75 % rel. air humidity, 90 µm wet film)	dust-free after approx. 4 - 5 hours, touch proof after approx.. 10 - 12 hours
Spreading rate	10 - 12 m ² /l = 80 - 100 ml/m ²
Dilution	
for brushing and rolling	undiluted - einZA (mix) Gloss is ready to use
for spraying (only in closed areas)	einZA Lackverdünnung AF or einZA Lackverdünnung-Terpentinersatz
airless spraying	undiluted, usable for piston and diaphragm units

Processing

Recoatable	after approx. 18 Std.
Sandable	after approx. 48 Std.
Cleaning of tools	einZA Lackverdünnung AF or einZA Lackverdünnung-Terpentinersatz

P.T.O.!

III. Coating and/or applying technique

einZA (mix) Gloss Hochglanzlack for brilliant high-gloss lacquerings is easy to process, has an excellent flow out on standing and flat surfaces, with excellent adhesion, full coverage and good edge covering, dries streakless and can be cleaned with customary household cleaning agents without leaving shiny areas.

A. Coating system on wood, outside

Testing of old coatings with cross cut and separation trial for stability, non-stable old coatings have to be removed completely including all necessary additional work.

Perfectly adhesive old coatings have to be cleaned thoroughly, sanded and dedusted. Regulations of the current issue of the BFS data sheet No. 20 "Baustellenübliche Prüfungen zur Beurteilung des Untergrundes" have to be considered.

- Impregnation of raw wood with einZA Bläueschutz (only necessary for softwood lumber and coniferous wood).
- Prime lacquering with einZA (mix) Vorlack.
- Notice: before rework an intermediate grinding with sanding fleece is mandatory.
- Intermediate and final coat with einZA (mix) Gloss Hochglanzlack.

B. Coating system on wood, inside

Testing of old coatings with cross cut and separation trial for stability, non-stable old coatings have to be removed completely including all necessary additional work.

Perfectly adhesive old coatings have to be cleaned thoroughly, sanded and dedusted. Regulations of the current issue of the BFS data sheet Nr. 20 "Baustellenübliche Prüfungen zur Beurteilung des Untergrundes" have to be considered.

- Poring-off with a filler.
- Prime lacquering with einZA (mix) Vorlack.
- Notice: before rework an intermediate grinding with sanding fleece is mandatory.
- Final coat with einZA (mix) Gloss Hochglanzlack.

C. Coating system on metal (iron)

Basis for coatings on **iron and steel** is the pre-treatment according to DIN EN ISO 12 944 part 4.

De-rust steel and iron surfaces in an appropriate manner according to the known rules in a way that the surface to be treated is free from mill scale and scales, clean, dry and free of grease. Degree of surface preparation: SA 2 or SA 2 1/2.

- Priming of pre-treated metal once (inside) resp. twice (outside) with einZA Korral-Primer or einZA All-Grund.
- Notice: before rework an intermediate grinding is necessary, please consider.
- Prime lacquering with einZA (mix) Vorlack.
- Notice: before rework an intermediate grinding with sanding fleece is mandatory.
- Final coat with einZA (mix) Gloss Hochglanzlack.
- Notice: alternatively intermediate and final coatings with einZA (mix) Gloss Hochglanzlack can be made.

D. Renovation coatings

- Perfectly adhesive old coatings (tested with cross cut trial) have to be cleaned thoroughly, sanded and dedusted. Regulations of the current BFS data sheet Nr. 20 "Baustellenübliche Prüfungen zur Beurteilung des Untergrundes" have to be considered.
- In case of doubt a trial coat is recommended.
- Then (if necessary) application of the priming varnish (base coat) with einZA (mix) Vorlack.
- Intermediate and final coat with einZA (mix) Gloss Hochglanzlack.
- Non-stable old coatings have to be removed completely and have to be treated like a first painting.

IV. Security advice and labelling

The product is subject to the Ordinance on Hazardous Substance.

All necessary indications are contained in the Material Data Sheet regarding CLP Regulation (GHS) regarding Regulation (EC) 1272/2008. Available at www.einzA.com at any time or to be requested using sdb@einzA.com.

Labellings 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 d) - Lb: max. 300 g/l reg. level II (2010)

VOC-content of einzA (mix) Gloss Hochglanzlack: < 300 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 04/2020; with this, all previous specification sheets are invalid.