

TECHNICAL DATA SHEET No.032



Seidenmatt-Buntlack

Colour matching with **einZA mix**

I. Product

einZA Seidenmatt for outside and inside is impact- and scratch-resistant, a silk-matt synthetic enamel, quick-drying, easy to process, has an excellent flow out and high covering capacity. einZA (mix) Seidenmatt-Buntlack does not glisten and is resistant against common household detergents. einZA (mix) Seidenmatt-Buntlack is suitable for elegant, silk-matt lacquerings on wood and metal, as well as for hot water radiators and radiator pipes (except white).

Type of material	quick-drying, silk-matt synthetic resin enamel, impact- and scratch-resistant and shock-proof, does not glisten, for inside and outside
Application purpose	high-quality varnishing on wood and metal
Colour shades	white and selected Bunt-colours according to colour-chart as well as a range of colour shades obtained by using einZA mix paint mixing system
Gloss level	elegant, even silky-matt effect
Specific weight	0.960 - 1.240 = 960 - 1240 g/l (depending on the colour shade)
Binder basis	special alkyd resins
Pigment basis	pure, unaltered pigments, light-resistant and weatherproof
Temperature resistant	80 °C up to 180 °C depending on the colour shade
Package sizes	Standard: 10 l - 2.5 l - 750 ml - 250 ml einZA mix: 3.0 l - 1.0 l - 0.5 l

II. Properties and working instructions

Light resistance	very good
Chemical resistance	good against weak chemicals
Scrub resistance / Weatherproof / Adhesion / Elasticity / Impact resistance	fulfils the requirements of the DIN and VOB conditions
Note	In case of intensive and dark colour shades a temporary pigment abrasion on the coating surface may occur. For silk mat varnish paint systems this confirms to the state of art and is no reason for complaint.
Compatibility	do not mix with other products
Drying times (20 °C, 65 - 75 % rel. air humidity, 80 µm wet film)	dust-free after approx. 3 - 4 hours touch proof after approx. 8 hours
Spreading rate	10-12 m ² /l = 80-100 ml/m ²
Dilution	einZA Lackverdünnung AF
Brushing / Rolling	undiluted
Airless spraying	undiluted, suitable for piston and diaphragm pistols
Processing	
Recoatable	after approx. 24 hours (thorough sanding is necessary)
Resprayable	after approx. 24 hours (thorough sanding is necessary)
Cleaning of tools	einZA Lackverdünnung AF or einZA Lackverdünnung-Terpentinersatz

P.T.O.!

III. Coating and/or applying technique

einZA Seidenmatt, impact resistant, is easy to process, has an excellent flow out on horizontal and vertical surfaces, is well-adhesive, has high covering capacity also on edges, dries streaklessly and can be cleaned with common household detergents without getting glossy. einZA Seidenmatt is suitable for high-quality lacquerings on wood (except window frames outside) and metal as well as for hot water radiators (except white). Application of einZA Seidenmatt always rich and filling and work in one direction to guarantee a regular flooding of the matting agent.

A. Coating on wood, outside

1. Thoroughly sand and clean old, well-adhesive coatings, remove loose and unstable coatings.
2. Impregnate rough wood with einZA Bläueschutz (only necessary in case of softwood lumber and coniferous wood).
3. Undercoat-varnish with einZA SOLID Basic Vorlack. Sand thoroughly after 36 hours of drying.
4. Notice: Before rework an intermediate grinding is mandatory.
5. Final coat with einZA (mix) Seidenmatt-Buntlack.

B. Coating on wood, inside

1. Poring-off with einZA Leichtspachtel.
2. Undercoat-varnish with einZA Vorlack-Schnellschliffgrund.
3. Notice: Before rework an intermediate grinding is mandatory.
4. Final coat with einZA (mix) Seidenmatt-Buntlack.

C. Coating on metal (iron)

1. Thoroughly sand and clean old, well-adhesive coatings, remove loose and unstable coatings and derust the surface.
2. Prime raw metal with einZA Korral-Primer once for inside resp. twice for outside application.
3. Undercoat-varnish with einZA Vorlack-Schnellschliffgrund (inside) or with einZA SOLID Basic Vorlack (outside).
4. Notice: Before rework an intermediate grinding is mandatory.
5. Final coat with einZA (mix) Seidenmatt-Buntlack.

D. Coating on varnished surfaces

After sanding thoroughly old, well-adhesive varnishes provide an excellent surface for high-quality silky-matt coatings. The same effect will be reached with an intermediate varnish with einZA Vorlack-Schnellschliffgrund or with einZA SOLID Basic Vorlack (without intermediate sanding recoatable after 24 - 48 hours with einZA Seidenmatt).

Notice regarding gloss level:

The primary gloss at silk-mat and satin-gloss alkyd resin lacquers according VOC 2010 is due to the system. Depending on the colour the formation of the final gloss level may take up to 28 days. This gloss level formation is a result of the change of quality provided by the legislator and conforms to the approved rules of technology.

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

VOC-content of einZA (mix) Seidenmatt-Buntlack: <300 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. **Issued 09/2017**; as a result of which all previous memorandum sheets become invalid.