

## TECHNICAL DATA SHEET No.042



# Luft- und Yachtlack

### I. Product

einZA Luft- und Yachtlack is a high-quality varnish for long lasting and filling outdoor coatings on soft- and hardwood surfaces. einZA Luft- und Yachtlack is suitable for the lacquering of boat constructions, weatherproof outdoor lacquerings, for example window frames, doors, shutters etc., also for hard-wearing indoor lacquerings of furniture, wall covering etc.

Type of material	synthetic resin clear varnish
Application purpose	filling clear varnish for inside and outside application
Degree of gloss	high-glossy
Specific weight	0.950
Binder basis	alkyd resin with high water resistance
Package sizes	2.5 l - 750 ml

### II. Properties and working instructions

Light fastness	good
Water resistance	very good
Scratch resistance / Weather resistance / Adhesion / Elasticity / Impact resistance	fulfils the requirements of the DIN and VOB conditions
Compatibility	do not mix with other products.
Dilution	einZA Lackverdünnung-Terpentinersatz
Airless-spraying	undiluted, suitable for piston and diaphragm pistols
Drying times (20 °C, 65 - 75% relative air humidity, 90 µm wet film)	dust-free after approx. 3 - 4 hours non-adhesive after drying overnight
Spreading rate	10 - 12 m <sup>2</sup> /l = 85 - 100 ml/m <sup>2</sup>

#### Processing

Recoatable	after approx. 24 hours
Resprayable	after approx. 24 hours
Sandable	after approx. 78 hours
Storage	in closed containers practically unlimited
Cleaning of tools	einZA Lackverdünnung-Terpentinersatz

P.T.O.!

### III. Coating and/or applying technique

The durability of a coating depends largely on an accurate pre-treatment of the surface.  
The surface has to be clean, dry, free of grease and oil as well as other pollutions and adherent.

#### Coating on boats and other wooden surfaces outside:

Impregnation with einzA Bläueschutz (only coniferous wood and softwood lumber outside).  
Prime coat with einzA Luft- und Yachtlack, diluted 20 %.  
Intermediate coat with einzA Luft- und Yachtlack, diluted 5 %.  
Final coat with einzA Luft- und Yachtlack, undiluted.

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

The weather resistance of colourless outdoor coatings depends on the coating film thickness.  
The minimum coating structure should contain 3 layers.  
Every further coating increases the durability manifold.  
To avoid the penetration of water into the wood ensure a proper interior coating.

#### Coating of wooden surfaces inside:

Prime coat with einzA Luft- und Yachtlack, diluted 20 %.  
Intermediate coat with einzA Luft- und Yachtlack, diluted 5 %.  
Final coat with einzA Luft- und Yachtlack, undiluted.

#### Notice:

einzA Luft- und Yachtlack is build up on the basis of an extremely long-oily alkyd resin. The durability of drying is, regarding VOC 2010, due to the system because of the high amount of oil. Depending on the layer thickness the point of time of the hardening may require up to 28 days. This drying process results from the quality changing provided by the law and conforms to the state-of-the-art technology.

### IV. Security advice and labeling

Flash point	over 21 °C
Hazardous class to VbF	not applicable

The product is subject to the Ordinance on Hazardous Substance.

All necessary indications are contained in the REACH Safety Data Sheet regarding (EC) Regulation no. 1907/2006. From 1<sup>st</sup> June 2015 onwards in the Safety Data Sheet regarding CLP regulation (GHS) according to the regulation (EC) no. 1272/2008. Available at [www.einzA.com](http://www.einzA.com) at any time or to be requested using [sdb@einzA.com](mailto:sdb@einzA.com). Labelings 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 e)  
Lb: max. 400 g/l reg. level II (2010)  
VOC-content of einzA Luft- und Yachtlack: < 350 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 10/2016;** with this, all previous specification sheets are invalid.