

TECHNICAL DATA SHEET No.163



Fenstergrund

I. Product

Weather-resistant, quick-drying, good sandable window primer.

The thixotrop, compact characteristic ensure well-filling, very good covering priming varnishings with high durability and very good edge covering.

Type of material	well-filling primer for the einZA-window-system
Application purpose	high-quality window priming; especially suitable for weathered wood at window renovation
Colour shade	white
Gloss level	matt
Specific weight	approx. 1.50 = 1500 g/l
Binder basis	alkyd resins
Pigment basis	titanium dioxide as well a light- and weather-resistant colour pigments, extender
Package sizes	2.5 l - 750 ml

II. Properties and working instructions

Opacity / Flow out / Volume / Sandability	very good, fulfils the requirements of the DIN and VOB conditions
Dilution	einZA Lackverdünnung-Terpentinersatz. Do not use other thinners.
Brushing and rolling	undiluted
Airless spraying	suitable for piston and diaphragm pistols
Drying times (20 °C, 65 - 75 % rel. air humidity, 80 µm wet film)	dust-free after approx. 1 hour / touch proof after approx. 5 hours
Spreading rate	approx. 10 - 12 m ² /l = 80 - 100 ml/m ² (depending on the surface and application method)

Processing

Note	please consider before recoating an intermediate grinding has to be made
Recoatable	after approx. 8 hours (20 °C, 65 - 75 % rel. air humidity, 80 µm wet film)
Sandable	after approx. 8 hours (20 °C, 65 - 75 % rel. air humidity, 80 µm wet film)
Storage	cool but protected against frost in unopened containers 2 years. Opened containers only storable for a limited period.
Cleaning of tools	einZA Lackverdünnung-Terpentinersatz

P.T.O.!

III. Coating and/or applying technique

The durability of window coatings depends particularly on the careful pre-treatment of the surface.

The wooden construction elements have to be dry, clean, free of wax and grease.

The measurand of the humidity of wood in at least 5 mm depth may not exceed $13 \pm 2\%$. The quality of the wood, construction and applying technique have to correspond to the regulations of the BFS-data sheet no. 18 "Beschichtungen auf Holz und Holzwerkstoffen im Außenbereich".

The luting should be effected with a permanently plastic and permanently elastic sealing compound, corresponding to the "Tabelle zur Ermittlung der Beanspruchungsgruppen zur Verglasung von Fenstern", worked out from the Institut für Fenstertechnik e.V., Rosenheim.

Moisture regulating new coating - covering high-glossy

Wood protecting impregnation with einzA Bläueschutz.

Raw wood with blue stain risk as well as sapwood have to contain a sufficient blue stain protection.

If the wood type resp. wood quality can not be determined the usage of blue stain protection is recommended.

- Prime coat with einzA Fenstergrund
- Intermediate coat with einzA Fensterlack 3x1
- Final coat with einzA Bunt Hochglanz or with einzA SOLID Gloss Hochglanz

Renovation coating - window renovation

Stability test of the old coating with cross cut and separation stability test, removing of loose and damaged coating parts up to the healthy wood fibre. Sound and well adhesive old coating parts have to be cleaned with ammonia water, washed and sanded thoroughly. Damaged filler parts have to be removed and rebuild professionally. Remove damaged sealing compounds.

Edges with insufficient radiusing have to be rounded by grinding.

Slice open mitres wedge-shaped with the Fein Multimaster.

- Impregnation of raw wood with einzA Bläueschutz and priming with einzA Fenstergrund.
- Gouging of open mitres with Ponal Duo. Spotting of wholes and knots with Ponal Duo.
- After the declining of wood moisture down to $13 \pm 2\%$ the intermediate coating with einzA Fenstergrund can be carried out.
- Silk-glossy final coating with einzA Fensterlack 3x1; high-glossy final coating with einzA Bunt Hochglanz or with einzA SOLID Gloss Hochglanz.

Notice:

Damaged or missing glass sealant and open joints between frame and masonry have to be sealed with a permanently elastic sealing compound based upon the corresponding scheme of the Institut für Fenstertechnik e.V., Rosenheim.

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 to 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 Fenstergrund: < 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. **Issue 09/2017**; as a result of which all previous memorandum sheets become invalid.