

TECHNICAL DATA SHEET No.171



Holzgrundierung weiß

prime coat for outside with depth effect

I. Product

Weatherproof, quick-drying, good sandable covering wood primer with depth effect and high adhesion for all true to size and not true to size wooden construction elements outside. This primer is suitable for well-filling, very good covering prime coatings. High stability and very good edge coverage because of thixotrop - concise product adjustment.

Very good diffusion property because of long-oily alkyd resins with high penetration depth and special extender with drainage function. einZA Holzgrundierung weiß offers rational, cost-saving system structures. System primer for subsequent final coatings with solvent-based and water-based einZA lacquers and weather protection paints.

Type of material	prime coat with depth effect
Application purpose	covering primer for all wooden construction elements outside
Colour shades	white
Gloss level	matt
Specific weight	approx. 1.420 = 1420 g/l
Binder basis	long-oily alkyd resins with high penetration depth
Pigment basis	titanium dioxide, extender
Package sizes	2.5 l - 10 l

II. Properties and working instructions

Coverage / Flow out / Volume / Grindability	very good, fulfils the requirements of the DIN and VOB conditions
Dilution	einZA Lackverdünnung-Terpentinersatz. Do not use any other thinner.
Brushing and rolling	undiluted
Airless spraying	suitable for piston and diaphragm pistols, process undiluted
Drying times (20°C, 65 - 75 % rel. air humidity, 90 µm wet film)	dust-free after approx. 1 hour touch proof after approx. 5 hours
Spreading rate	approx. 10 - 12 m ² /l = 85 - 100 ml/m ² depending on the surface and application method

Processing

Rework note	please consider that before rework an intermediate grinding has to be made
Recoatable	after approx. 8 hours (20 °C, 65 - 75 % rel. air humidity, 90 µ wet film)
Sandable	after approx. 8 hours (20 °C, 65 - 75 % rel. air humidity, 90 µ wet film)
Storage	cool but protected against frost in original container 2 years. The storing time for opened containers is limited.
Cleaning of tools	einZA Lackverdünnung-Terpentinersatz

P.T.O. !

III. Coating and/or applying technique

The durability of coats on wood depends particularly on the careful pre-treatment of the surface.

The surface has to be dry and clean and free of wax and grease.

The measurand of the humidity of the wood, measured in minimum 5 mm depth, may not exceed $13 \pm 2 \%$.

When coating true to size wood construction elements take care of sufficient edge radiusing.

In case of softwood lumber and coniferous wood with a high content of resin troublesome emission of resin could occur.

These resin particles have to be removed thoroughly.

Basis for surface pre-treatments and coatings on wooden surfaces are the regulations of the BFS-data sheet no. 18 "Beschichtungen auf Holz und Holzwerkstoffen im Außenbereich".

Raw wooden surfaces

Clean, sand and dedust wooden surface.

Prime coat with einzA Holzgrundierung weiß (depending on the absorption of the surface dilute up to 5 %).

Solvent-based intermediate and final coat with einzA Fensterlack 3x1.

Water-dilutable intermediate and final coat on not and limited true to size wooden construction elements with einzA Holz-Color

Water-dilutable intermediate and final coat on true to size wooden construction elements with einzA Samtacrly/einzA Reinacrly

Wooden surfaces with old, stable coatings

Check stability of old coatings with cross cut test.

Thoroughly sand and clean old, stable coatings.

Prime coat with einzA Holzgrundierung weiß (depending on the absorbency of the surface dilute up to 5 %)

Solvent-based final coat with einzA Fensterlack 3x1.

Water-dilutable final coat on not and limited true to size wooden construction elements with einzA Holz-Color

Water-dilutable final coat on true to size wooden construction elements with einzA Samtacrly/einzA Reinacrly

Wooden surfaces with weathered old coatings

Check stability of old coatings with cross cut test.

Remove carefully weathered and unstable old coatings.

Prime coat with einzA Holzgrundierung weiß (depending on the absorbency of the surface dilute up to 5 %)

Solvent-based intermediate and final coat with einzA Fensterlack 3x1.

Water-dilutable intermediate and final coat on not and limited true to size wooden construction elements with einzA Holz-Color

Water-dilutable intermediate and final coat on true to size wooden construction elements with einzA Samtacrly/einzA Reinacrly

Notice:

In case of old, strongly weathered wooden construction elements the wood might show high absorbency. At these exceptional cases a protective impregnation with einzA Bläueschutz should be applied additionally to the einzA Holzgrundierung.

Before reprocessing einzA Holzgrundierung weiß with water-based einzA materials an intermediate sanding should be made to reach an optimal system structure of the whole buildup.

IV. Marking and safety instructions

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 according to the appendix II of the VOC-Regulations 2004/42/EG

VOC limit value enclosure II A (sub-category h) - Lb: max. 750 g/l reg. level II (2010)

VOC-content of einzA Holzgrundierung weiß: <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 09/2017; with this, all previous specification sheets are invalid.