

Lignovit Ultra-Weiß FS

5361

Water-based, thin-film **wood stain** for professional and industrial use

PRODUCT DESCRIPTION

General

Water-based, breathable wood stain based on a high-quality acrylate dispersion, specially designed for industrial and professional initial coating. The product is characterised by very good workability, excellent whiteness, high block resistance, good weather resistance, uniform degradation when exposed to weathering, and provides basic protection against dirt and improved cleanability. Very uniform colouration even on large elements.

Special properties and standards



- The coating is protected against algae and fungal decay by a biocidal active substance.

Active substance:

2.4 g/kg (0.24 %) 3-Iod-2-propinylbutylcarbamate

- **French ordinance DEVL1104875A**

Marking of construction coating products for their emission of volatile pollutants: A+

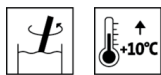
Application area



Timber cladding, canopies and profile boards in constructively protected outdoor areas.

PROCESSING

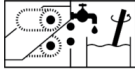
Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +10 C.
- The optimal conditions for use are between 15 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- Do not process it under conditions of intense sunlight, rain, extremely high humidity, strong wind or pending frost.
- For new timber components we recommend an all-over coating.
- Water-soluble wood extracts can be leached particularly by driving rain. This can be minimized by an all-over coating and additional sealing of the end grains.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result. Deviations lead to film and adhesion problems as well as to impairments with regard to weathering and color stability.

- Please follow our **ARL 500 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part.**

Application technique



0-5% H₂O

	Coating machine
Diluent	Water
Diluent amount added (%)	0 - 5

The product is ready to use.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)



3-4h

Dust-dry (ISO 1517)	approx. 30 minutes
Sandable and recoatable	approx. 3 - 4 hour(s)
Dried through	approx. 12 hour(s)

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

Avoid direct sunlight!

Cleaning the working equipment



8029

With water immediately after use.

To remove dried paint residues we recommend using Aqua-Cleaner (8029) (diluted 1:1 with water).

SUBSTRATE

Type of substrate

Softwoods

Substrate property

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, resin etc. and free from wood dust, as well as tested for suitability for coating.

A prerequisite for ensuring long durability of the coating is to observe the basic principles of constructional wood preservation.

Wood moisture

12 - 15 %

Substrate preparation

For optimal durability we recommend to sand smooth wooden surfaces with grain size 80 – 120 in the direction of the fibre, clean thoroughly and remove wood extractives such as, for example, resins and resin pockets. Round off any sharp edges.




COATING SYSTEM

Impregnation

If necessary outdoors, apply 1 coat of Lignovit Primo (5358) (applies to timbers of durability class 3-5 according to EN 350) to protect against blue stain, fungal decay and insect infestation.

Use wood preservatives safely. Always read the label and observe the respective technical data sheets of the products before use.

Please follow our **ARL 056 - Working guideline for the use of wood preservatives.**

Primer coat	1 unit. Lignovit Ultra-Weiß FS (5361) Intermediate drying: approx. 4 hour(s)
Intermediate sanding 	If necessary, grind the primed surface with grit size 280. Remove sanding dust.
Finishing coat	1x Lignovit Deco FS Bianco 51107 oder Lignovit Lasur LW 06/1 Kalkweiß 5315053733. Attention: If only one primer coat is applied at the factory, a final coat must be applied to the object after 3 months at the latest! Please refer to the corresponding technical data sheets of the products.
MAINTENANCE AND RENOVATION	
Maintenance and renovation	The durability depends on several factors: these include particularly the type of weathering, constructive protection, mechanical stress and the choice of colour applied. To obtain long durability, regular inspection, maintenance and, if necessary, repair measures are necessary. Please refer to the corresponding technical data sheets of the products. Please follow our ARL 504 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Maintenance and Repair.
ORDERING INFORMATION	
Size of trading unit	25 kg
Colour shades / Glosslevels	Standard colour(s): Bianco (5361064634) It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade. In order to ensure uniformity of the colour shade, use only material with the same batch number on a given surface.
Supplementary products	Lignovit Primo Farblos (5358000200) Lignovit Lasur LW 06/1 Kalkweiß (5315053733) Aqua-Cleaner 8029 (8029)
FURTHER DETAILS	
Durability / storage  	Min. 1 year(s) in the original sealed containers. Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).
Technical specifications	VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for Lignovit Ultra-Weiß FS (Cat A/e): 130 g/l. Lignovit Ultra-Weiß FS contains a maximum of 30 g/l VOC.
Giscode	BSW50

Safety information



Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com**.

The product is only suitable for the industrial and professional use.
