

Lignovit Ultramatt

5346000010 ff

Water-based **dull matt opaque** wood coating for **industrial and professional use**

PRODUCT DESCRIPTION

General

Water-based, dull matt, pigmented final coat for outdoor use. The product is characterized by a mineral look, good weather resistance and long durability.

Special properties and standards

- The coating is protected against blue stain and mold by a biocidal active substance.

Active substance:

3,0 g/kg (0,3%) IPBC (3-iodopropinyl butylcarbamate)

- French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



Application area



- For non-dimensionally stable and limited dimensionally stable timber components in the outdoor area such as wooden houses, timber cladding, canopies, window shutters, profile boards or balconies.
- Not suitable for wood with permanent ground and/or water contact.
- Particularly suitable for planed and rough sawn wood.

PROCESSING

Instructions for use



- Please stir the product before use. However, prevent entry of air while stirring.
- 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 %.
- For new timber components we recommend an all-over coating
- The flow of resin cannot be avoided based on the coating method.
- 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.
- Increased consumption can be expected on rough sawn substrates.

08-18 (supersedes 07-17) ZKL 5346

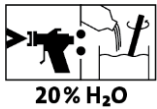
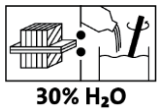
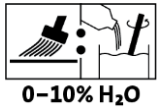
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Our instructions for use are based on knowledge available currently and shall guide the buyer/user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability of the product. Otherwise our General Terms of Sale apply. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for the modification of the container sizes, colour shades and degrees of gloss available.

- Please follow our “**Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements.**” **Balconies – Canopies – Wooden sheds – Wooden houses.**”

Application technique



Application method	Brushing	Vacumat	Airless air-supported (Airmix, Aircoat, etc.)
Spray nozzle (ø mm)	-	-	0.28 or 0.33
Spray nozzle (ø inch)	-	-	0.011 or 0.013
Spraying pressure (bar)	-	-	3 – 4
Spraying distance (cm)	-	-	approx. 25
Thinner	water		
Thinner amount added in %	0 – 10	approx. 30	approx. 20
Wet film (µm)	80 – 100	approx. 150	
Application	2 x	1 x	
Yield per application (m ² /l) ¹⁾ rough sawn	8 – 10	6 – 7	
Yield per application (m ² /l) ¹⁾ sanded	10 – 12	6 – 7	

¹⁾ Yield including addition of thinner and loss while spraying

The shape, the properties and moisture of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)



Dust-dry (ISO 1517)	after approx. 30 min.
Grindable	after approx. 3–4 hours
Recoatable	after approx. 3–4 hours
Dried through	after approx. 12 hours

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.


Avoid direct sunlight (very quick drying).

Cleaning the working equipment



With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

SUBSTRATE	
Type of substrate	Softwood
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.
Wood moisture	13 % +/- 2 %
Preparation of the substrate	For optimal durability, we recommend sanding smooth wooden surfaces with grit size 80 in the direction of the fiber, cleaning them thoroughly and removing wood extractives, such as resin and pitch pockets. Round off any sharp edges.
COATING SYSTEM	
Impregnation	<p>If necessary, apply 1 coat of Lignovit IG 53134 in outdoor areas (applies to timbers of durability class 3-5 according to EN 350-2.) to protect against blue stain, fungal decay and insect infestation.</p> <p>Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use.</p>
Primer coat	<p>Vacumat- or Airless application 1x Lignovit Sperrgrund 40960 All-round coating required.</p> <p>Brush-application 2 x ADLER Aqua-Isoprimer PRO 41005 All-round coating required.</p> <p>Please observe the relative technical data sheets of the products.</p>
Intermediate coat	1 x Lignovit Ultramatt 5346000010 ff (only when using the brush-application)
Intermediate sanding	<p>Grit size 240 – 280 Remove sanding dust.</p>
	
Finishing coat	1 x Lignovit Ultramatt 5346000010 ff
MAINTENANCE & RENOVATION	
Maintenance and renovation	<p>The durability depends on several factors: these include particularly the type of weathering, constructional protection, mechanical stress and the choice of colour applied. To obtain long durability, preservation work is necessary in time. Therefore, we recommend annual maintenance. If required, remove dust and dirt from the still intact areas and paint 1 x with Lignovit Ultramatt 5346000010 ff.</p> <p>Please follow our “Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Maintenance and Renovation”.</p>

ORDERING INFORMATION

Size of trading unit

4 l; 22 l

Colour shades / degrees of gloss



Colour shades can be obtained using the **ADLER colour mixing system ADLERMix**.

Base paints:

Base W10	5346000010
Base W30	5346000030

- In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.
- 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.
- Dark shades lead to increased heating of the substrate and consequently to increased resin flow.

Supplementary products

ADLER Aqua-Cleaner 80080
Lignovit IG 53134
Lignovit Sperrgrund 40960
ADLER Aqua-Isoprimer PRO 41005

FURTHER DETAILS

Durability / storage



At least 1 year 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	EU threshold for Lignovit Ultramatt (cat. A/d): 130 g/l (2010). Lignovit Ultramatt contains a maximum of 40 g/l VOC.
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Safety-related 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 industrial and professional use.

Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).