

## ADLER Histo-Base Weiß

5497

Solvent-based primer and intermediate coating for professional and industrial use.

### PRODUCT DESCRIPTION

#### General

White primer and intermediate coat based on special synthetic resins, long-oil and renewable resources. The product is characterised by its excellent insulating effect on wood, very good corrosion protection, very good grindability, high elasticity and filling power, excellent processing and very good flow.

The product is low-odour as a solvent due to white spirit free of aromatic hydrocarbons and is formulated without the addition of biocidal agents to protect against blue stain and lignivorous fungi.

#### Application areas



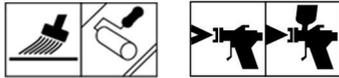
- For dimensionally stable timber components for exterior and interior use, such as e.g. wooden windows and front doors, etc.
- Renovation of old, historic wooden windows and front doors as well as iron parts (fittings) after appropriate pre-treatment.

### PROCESSING

#### Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 5 °C.
- The optimal conditions for use are between 15 – 25 °C with a relative atmospheric humidity between 40 – 80 %.
- Please follow our **ARL 300 - Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - General part** along with all standards and guidelines for window construction.

**Application technique**

Application method	Brushing / Rolling	Airless	Airless air-supported (Airmix, Aircoat, etc.)
Application	2x	1x	1x
Spray nozzle (Ø mm)	-	0.23	0.23
Spray nozzle (Ø inch)	-	0.09	0.09
Spraying pressure (bar)	-	80 - 100	80 - 100
Atomized air (bar)	-	-	0,5 – 1,5
Spraying distance (cm)	-	approx. 25	
Wet film (µm)	-	max. 100	
Yield per application (g/m <sup>2</sup> ) <sup>1)</sup>	-	max. 200	
Yield per application (m <sup>2</sup> /l)	8 - 10	-	
Dry film complete coating system (µm)	80 up to max. 140		

The product is ready to use.

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 room temperature 20 °C)



Recoatable	after approx. 6 hour
Grindable	after approx. 18 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.

To ensure perfect drying, good room ventilation must be provided. Low ventilation, e.g. from dense stacking, delays drying.

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

On types of woods rich in extracts (such as oak, iroko), the drying process may take longer.

For good thorough drying, the recommended application quantities must be adhered to. Excessive layer thicknesses lead to a considerable drying delay!

**Cleaning the working equipment** With KH-Spritzverdünnung 80367.



80367

## SUBSTRATE

<b>Type of substrate</b>	Wood in accordance with the guidelines for window construction; Iron and steel (fittings)
<b>Substrate property</b>	<p>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.</p> <p>A prerequisite for ensuring long durability of the coating is to observe the basic principles of constructional wood preservation.</p> <p>Please observe and follow ÖNORM B 2230 Part 1.</p> <p>See also VOB, Part C, DIN 18363, Paragraph 3; painting and coating work.</p> <p>Please observe BFS data sheet no. 18.</p> <p>Any coatings that cannot be recoated must be removed thoroughly.</p>

<b>Wood moisture</b>	13 % +/- 2 %
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<b>Preparation of the substrate</b>	<p><b>Wood</b> Round off any sharp edges, remove wood extractives such as, for example, resins and pitch pockets. Wood sanding grit size 120–150</p> <p>Clean highly resinous timbers and exotic timbers containing drying retardant components with Nitroverdünnung 80001.</p> <p><b>Iron and steel (fittings)</b> Remove rust down to bare metal. Thoroughly remove greasy or oily impurities using Entfetter (degreaser) 80394.</p> <p>Please observe the relative technical data sheets of the products.</p>
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## COATING SYSTEM

<b>General</b>	The following coating systems are exemplary.
<b>Impregnation</b>	<p>If necessary, apply 1 coat of Pullex Imprägnier-Grund 4436 (applies to timbers of durability class 3-5 according to EN 350-2-2) to protect against blue stain, fungal decay and insect infestation.</p> <p>Intermediate drying: approx. 12 hours</p> <p>Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use.</p>
<b>Primer coat</b>	1 - 2 x ADLER Histo-Base Weiß 5497

**Intermediate sanding**

Grit size 240  
Remove sanding dust.

**Finishing coat**

1 - 2 x ADLER Histo-Protect 5097  
Please observe the relative technical data sheets of the products.

**ORDERING INFORMATION****Size of trading unit**

2.5 kg; 20 kg

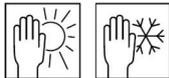
**Colour shades**

White 5497050000

- 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.

**Supplementary products**

Nitroverdünnung 80001  
KH-Spritzverdünnung 80367  
Entfetter 80394  
Pullex Imprägnier-Grund 4436  
ADLER Histo-Protect 20 5097

**OTHER INSTRUCTIONS****Durability / storage**

At least 3 years in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

We recommend to transfer the contents of open containers to smaller ones in order to prevent gelling / skin formation. vermeiden.

**Technical specifications**

VOC content EU threshold for ADLER Histo-Base Weiß (cat. (Kat. A/i): 500 g/l (2010). ADLER Histo-Base Weiß contains a maximum of 430 g/l VOC.

**GISCODE**

BSL40

**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.

Lagerung und Umgang sowie zur Entsorgung finden Sie im dazugehörigen Sicherheitsdatenblatt. The current version can be accessed on the Internet at [www.adler-lacke.com](http://www.adler-lacke.com).

The product is only suitable for the 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).