

Aquawood TIG Weiß

51253 ff

Water-based **wood preservative impregnation** for industrial and professional use

PRODUCT DESCRIPTION

General

Water-based, pigmented wood preservative impregnation with insulation properties against wood extractives.

Special properties and standards

- The active substances used provide the protection required against blueing (Test conforming to EN 152-1) and fungus that destroys wood (Test conforming to EN 113), as specified by ÖNORM B 3803 or DIN 68800-3. Coating quantity for testing in conformity with the standards is approx. 200 gm/m² (Approval certificate no. 5/93).

Active Substances (B, P)

0.8 g/100 g % IPBC (Iodpropinylbutylcarbamate)

0.0012 % Permethrin

- French Ordinance DEVL1104875A** regarding the labeling of construction coating products with respect to their emission of volatile pollutants: A+



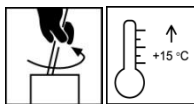
Application area



- Dimensionally stable wooden components such as wooden windows, front doors, window shutters and winter gardens, which are to be over-painted with white transparent or coloured paints, in hazard class (usage class) 2 and 3.
- Aquawood TIG Weiß/White 51061 is only suitable for application on softwood.
- Aquawood TIG Weiß/White 51300 is only suitable for application on wood aluminium windows.

PROCESSING

Instructions for use

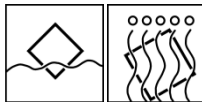


- Please stir the product before use.
- The temperature of the product, object and the room temperature must be at least +15 °C.
- Optimal temperature while dip-coating or flow-coating is between 15 - 25°C with a relative atmospheric humidity between 40 - 80%.
- The product is not weather-resistant without a topcoat!
- In case of flow coating for a long time, the pH-value reduces and, as a result, there could be sagging problems. Hence, the pH value of impregnations that have already been used must be checked and, if required, corrected to the target pH-value of

8.50 – 9.50 by adding 0.10 – 0.20 % of the neutralisation agent 96149 (the addition of 0,1 % will increase the pH-value up to approx. 0,7 units).

- Addition of water up to max. 20 % depending on the desired covering power and size of the parts (except 51098 and 51300).
- In case of an increase of viscosity in consequence of evaporation it will be necessary to adjust with water (nominal viscosity: 50 - 55 s in 2mm- cup). Before measuring the wood dust has to be screened.
- On foam generation in the liquid agitation machine we recommend an addition of 0,1 – 0,3% Entschäumerlösung 90642.
- Please follow our "**Working guideline for coating dimensionally stable and limited dimensionally stable construction elements**" along with all standards and guidelines for window construction and the "**Working guidelines for wood preservatives**".

Application technique



Application method	Immersion (or dipping)	Flow-coating
Dilution (thinning)	Water	
Thinner amount added in %	51253: max. 20% 51098 and 51300: no dilution	
Yield per application (gm/m ²) ¹⁾	100 - 120	
¹⁾ Yield including addition of thinner and overspray		

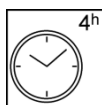
Attention: Do not spray the product!

Attention: The products Aquawood TIG Weiß/White 51098 and Aquawood TIG Weiß/White 51300 brightened for wood aluminium, which are already adjusted for application, must not be diluted.

The shape and properties of the substrate and wood moisture 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)



Recoatable at room temperature:	after approx. 4 hours
Recoatable after forced drying: 20 min dripping 50 min drying stage (35– 40°C) 20 min cooling stage	after 90 min

The figures indicated serve as a guide and are for reference. The drying time depends on the type of wood, coat thickness, temperature, air exchange and relative atmospheric humidity.


Avoid direct sunlight (very quick drying).

Cleaning the working equipment



Clean with water immediately after use.

Remove flashed-off coat residues using ADLER Aqua-Cleaner 80080 or ADLER Abbeizer Rote Krähe 95125.

SUBSTRATE	
Type of substrate	Wood in accordance with the guidelines for window construction
Substrate property (or condition)	The substrate must be dry, clean, capable of holding the paint and free of grease, wax and wood dust.
Wood moisture	Stable structures: 13 % +/- 2 %
COATING SYSTEM	
Primer coat	1 x Aquawood TIG Weiß/White 51253 ff Intermediate drying at least 4 hours
Intermediate coat	<p>Transparent: Aquawood Intermedio 53663</p> <p>Transparent wood aluminium: No intermediate coat</p> <p>Opaque: Aquawood Intermedio 53663 or ADLER Acryl-Spritzfüller 41002</p> <p>Please observe the relative technical data sheets of the products.</p>
Intermediate sanding	<p>Sanding grain size 220 – 240</p> <p>Remove the wood dust.</p>
	
Topcoat	<p>Transparent: Aquawood DSL Q10 M Weiß/White 51805</p> <p>Opaque: ADLER Acryl-Spritzlack Q10 M 4320 or Aquawood MS-Color 43902</p> <p>Wood aluminium: Aquawood Natureffekt 53955 ff</p> <p>Please observe the relative technical data sheets of the products.</p>
MAINTENANCE & RENOVATION	
Maintenance	<p>The storage stability depends on several factors. These include particularly the type of weathering, constructive protection, mechanical stress and the choice of colour shades applied. Preservation work must be carried out in time for a long period of storage stability. Annual maintenance is recommended for this purpose.</p> <p>Windows: Transparent and wood aluminium: Cleaning with the help of ADLER Top-Cleaner 51696 and preservation with ADLER Top-Finish 51697 in the ADLER Pflegeset-Plus 51695 (preservation kit).</p> <p>Opaque: Cleaning with the help of ADLER Top-Cleaner 51696 is adequate (in case of severe dirt and contamination). Preservation with ADLER Top-Finish should not be carried out on account of the risk of streaking.</p> <p>Front doors: Cleaning with ADLER Top-Cleaner 51696 and preservation using ADLER Door-Finish 51700 in the ADLER</p>

Haustürenpflegeset front door preservative kit (51709).

Please observe the relative technical data sheets of the products.

Renovation

Transparent and wood aluminium:

Renovation mit Pullex Aqua-DSL 51501 ff or, in case of greyed wood, with Pullex Renovier-Grund 50236 ff and Pullex Fenster-Lasur 50413.

Opaque:

Renovation with ADLER Aqua-Isoprimer PRO 41005 and ADLER Varicolor 41201 ff or, in case of greyed wood, with Pullex Renovier-Grund 50236 ff and ADLER Samtalkyd 52351 ff or Pullex Color 50530 ff.

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit

25 l; 120 l poly barrel

Colour / Degree of gloss

Weiß/White 51253
 Weiß/White 51061 (only for softwood, particularly low raising of wood grain)
 Weiß/White 51098 (not to be diluted, ready-to-use form!)
 Weiß/White 51300 (brightened, for wood aluminium, for white transparent only for spruce, do not dilute, ready-to-use form!)

By-products

Aquawood Intermedio 53663
 Aquawood MS-Color 43902
 ADLER Acryl-Spritzfüller 41002
 ADLER Acryl-Spritzlack Q10 M 4320 ff
 Aquawood MS-Color 43902
 Aquawood DSL Q10 M Weiß 51805
 Aquawood Natureffekt 53955 ff
 ADLER Aqua-Cleaner 80080
 ADLER Abbeizer Rote Krähe 95125
 ADLER Top-Cleaner 51696
 ADLER Door-Finish 51700
 ADLER Haustürenpflegeset 51709 (Front door preservative kit)
 ADLER Aqua-Isoprimer PRO 41005
 ADLER Varicolor 41201 ff
 ADLER Samtalkyd 52351 ff
 Pullex Color 50530 ff
 Pullex Renovier-Grund 50236 ff
 ADLER Neutralisationsmittel 96149
 ADLER Entschäumerlösung 90642

FURTHER DETAILS

Durability / Storage



At least 1 year in the original sealed containers.

Store it such that it is protected against moisture, direct sunlight, frost and high temperatures.

Technical specifications

Delivery viscosity	<u>51253:</u> Ca. 60 – 65 sec. in accordance with DIN 53211 (2 mm cup, 20 °C) <u>51098 and 51300:</u> ca. 50 – 55 sec. in accordance with DIN 53211 (2 mm cup, 20 °C)
VOC content	EU limit value for Aquawood TIG Weiß (Cat. A/f): 130 gm./l (2010). Aquawood TIG Weiß contains maximum 60 gm/l VOC (Volatile Organic Compounds).

Safety-relevant information

Please take note of the guidelines for the use of wood preservatives and respect the associated safety data sheet! The latest version can be retrieved from the Internet at **www.adler-lacke.com**.

Aquawood TIG Weiß contains biocide substances to provide protection against blueing and fungal decay. Hence, it must be used only when protection of the wood is prescribed or in specific cases when it is necessary.
