

Pullex Aqua-Color

53331 ff

Water-based, opaque wood preservative coating for DIY and professional use

PRODUCT DESCRIPTION

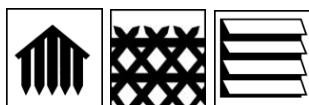
General

- Permeable and moisture-regulating, water-thinnable opaque wood preservative coating for DIY and professional use for the exterior, based on acrylic-/alkyd resin dispersions with very good weather-resistant.

Special Properties and standards

- The coating is protected against blue stain fungus and mould by a biocidal active substance.
- **Substance**
0.3 % IPBC (iodopropinylbutylcarbamate)

Application area



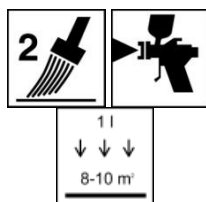
- Wooden elements without stable dimensions or with limited stable dimensions in the exterior such as, for example, wooden houses, canopies, timbering, balconies, fences, window shutters and gates in usage categories 2 and 3.
- Preferably for new wood in the exterior.
- For the renovation of old oil coats we recommend Pullex Color.

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 +10 °C.
- We recommend a primer and intermediate coat to be applied on all sides for new timber components.
- Apply a thin layer on horizontal wooden parts in order to avoid peeling off on account of a very thick layer.
- The flow of resin cannot be avoided based on the coating method.
- Water-soluble wood extracts getting washed away, particularly during driving rain, can be minimized by providing a coating all around and applying an additional coat to the front wood surfaces.

Application technique

Application method	Using a brush	Cup gun
Spray nozzle (Ø mm)	-	1.8 - 2
Spray pressure (bar)	-	2 – 2.5
Dilution (thinner)	-	water
Thinner amount added in %	-	max. 20
Yield per coat (m ² /l) ¹⁾	ca. 8 - 10	
¹⁾ Yield including addition of thinner and overspray		

Attention: If the product is sprayed, please ensure that a breathing mask type A2/P3 is used.

The product is readymade for application.

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.

In order to guarantee a complete drying, it is absolutely necessary to respect the recommended quantities of application. The application of too important thick-films causes a considerable drying retardation.

Drying times

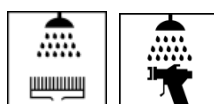
(at 23 °C and 50 % rel. humidity)



It can be recoated	after approx. 6 hours
--------------------	-----------------------

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.

Lower temperatures and / or high level of atmospheric humidity can increase the drying time considerably. Please ensure adequate ventilation! Lower air exchange rate, for example, by compact stacking, delays the drying process.

Cleaning the tools and equipment

Clean with water immediately after use.

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

SUBSTRATE**Type of substrate**

The substrate may be softwood or hardwood as well as wooden construction materials, for example, solid wooden boards, laminated boards (BSH) and solid construction wood (KVH), etc.

Substrate property (or condition)

The substrate must be dry, clean and capable of holding the paint, and it must be free of grease and wax and free from wood dust.

Please observe and follow ÖNORM B 2230-1.

See also VOB, Part C, DIN 18363, paragraph 3; Painting and coating work.

Please observe and follow the BFS data sheet no. 18.

The prerequisite for long storage stability of the coating is compliance with the principles of the constructive wood preservation.

Wood moisture	Hardwoods: 12 % +/- 2 % Softwoods: 15 % +/- 2 %
----------------------	--

Preparation of the substrate	<p>For optimal storage stability, we recommend smooth wooden surfaces are sanded with grain size 80 in the direction of the fibre, cleaned thoroughly and wood extractives such as, for example, resins and resin pockets are removed. Round off any sharp edges.</p> <p>Clean woods having high resin content and exotic types of woods having constituents that delay the drying process with ADLER Nitro-Verdünnung 80001.</p> <p>Leach and/or grind old coats that are intact. Remove old coats that are not capable.</p> <p>Treat infestation or attack by algae, moss or fungus with ADLER Fungisan 96349.</p> <p>Please follow the respective technical data sheets of the products.</p>
-------------------------------------	---

COATING SYSTEM

Impregnation	<p>Apply 1 coat of Pullex Aqua-Imprägnierung 51320 with a brush (applicable to wood types of hazard classes according EN 350-2, 3 - 5) to protect against blueing and fungal decay, and against insect infestation.</p> <p>Approx. 4 hours drying time</p> <p>Please follow the respective technical data sheets of the products.</p>
---------------------	---

Intermediate sanding



If necessary, sand with grain size 240 after a drying time of approx. 12 hours.

Use dust filter P2 when sanding.

Primer coat

For chromatic colour shades :

1 x Pullex Aqua-Color 53331 ff

Approx. 6 h drying time

For colour shade white and bright pastel shades:

1 – 2 x Aqua-Isoprimer PRO 41005

Intermediate drying time approx. 4 hours.

Overnight drying consolidates the insulation effect.

Please follow the respective technical data sheets of the products.

Intermediate coat

1 x Pullex Aqua-Color 53331 ff

Necessary only for colour shade white and bright pastel shades!

Topcoat

1 x Pullex Aqua-Color 53331 ff

PRESERVATION & REFURBISHMENT

Preservation and Care

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.

If necessary, free the surfaces still intact of dust and dirt and apply 1 coat of Pullex Aqua-Color 53331 ff.

On deep porous softwood, e.g. oak, iroko, the interval for refurbishment may be reduced.

Refurbishing

Pre-treatment: Brush off weather-beaten, greyed wood, old paint residues that cannot be recoated, dust and dirt using a brass wire brush manually or with a machine using a nylon cup brush, and finally sand the intact and non-absorbent old coats using sanding paper having a grain size of 80.

Impregnation: Apply 1 coat of Pullex Renovier-Grund 50236 ff using a brush. Drying time approx. 12 hours.

Primer and final coat: Apply 1 coat of blended Pullex Color 50530 ff in each case. Intermediate drying time approx. 12 hours.

Please follow the respective technical data sheets of the products.

ORDERING INFORMATION

Sizes of trading unit

750 ml; 2,5 l and 10 l

Colour shades

Weiß/white	53331
RAL 6005	53339

Color4You 

Other colour shades can be obtained using the **ADLER colour blending system (Color4you)**.

Base paints:

Base W10	53331
Base W20	53332
Base W30	53334
Base Gelb	53335
Base Rot	53336

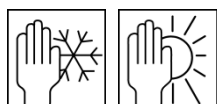
- In order to ensure uniformity of the colour shade, use material having the same batch number on a given surface.
- It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.
- Please consume blended products within 3 months.

By-products

ADLER Nitro-Verdünnung 80001
 ADLER Fungisan 90783
 ADLER Aqua-Cleaner 80080
 ADLER Abbeizer Rote Krähe 95125
 ADLER Aqua-Isoprimer PRO 41005
 Pullex Renovier-Grund 50236 ff
 Pullex Aqua-Imprägnierung 51320
 Pullex Color 50530 ff

FURTHER DETAILS

Durability / Storage



At least 3 years in the original sealed containers.

Store it such that it is protected against moisture, direct sunlight, frost and high temperatures (over 30 °C).

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

Technical Specifications

VOC content	EU limit value for Pullex Aqua-Color (Cat. A/d): 130 gm./l (2010). Pullex Aqua-Color contains maximum 90 gm./l VOC.
-------------	---

Product code for paints and varnishes

M-LW01-F

Safety-relevant information



Please take note of the associated safety data sheet! The latest version can be retrieved from the Internet at **www.adler-lacke.com**.

In general, you must avoid inhaling paint aerosols. This is ensured by proper use of a breathing mask (combination filter A2/P2 – EN 141/EN 143).
