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Technical data sheet

ADLER
Paint runs through our veins.

Pullex Aqua-Plus 53101 ff

Water-based, thin-film **transparent wood glaze** for **DIY and professional use**

PRODUCT DESCRIPTION

General

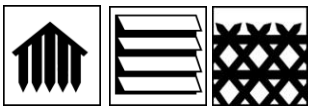
Water-based transparent wood glaze based on acrylic-alkyd resins for wood used outdoors.
Light-resistant, micronized special pigments as well as active UV-filters ensure a long term protection from weathering.

Special properties and standards

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

  Active substance:
  0.3% (0.3 g / 100 g) IPBC (3-iodpropinyl butylcarbamate)
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

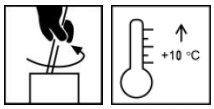
Application areas



- For non-dimensionally stable and limited dimensionally stable timber components in the outdoor area such as wooden houses, timber cladding, canopies, fences, window shutters, balconies, gates, etc. in usage classes 2 and 3 without ground contact.
- We recommend Pullex Bodenöl 50527 ff for terrace floors and landing stages.
- Please observe the relative technical data sheets of the products.

PROCESSING

Instructions for use



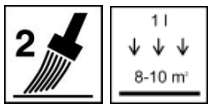
- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +10 C.
- Do not process it under conditions of intense sunlight, rain, extremely high humidity, strong wind or pending frost.
- For new timber components we recommend an all-over coating
- Brush horizontal wood elements thinly to prevent peeling due to too high a film thickness.
- Based on the system glazes are hardwearing only to a limited extent and therefore require more frequent maintenance.
- The flow of resin cannot be avoided based on the coating method.

ADLER-Werk Lackfabrik, A-6130 Schwaz
Tel: 0043/5242/6922-301, Fax: 0043/5242/6922-309, email: technical-support@adler-lacke.com

Our instructions for use are based on knowledge available currently and shall guide the purchaser / 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 takes responsibility for the suitability and use of the delivered product. It is therefore recommended to produce a sample specimen for testing the suitability of the product. Our general terms and conditions of sale are otherwise applicable. 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.

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

Application technique



Application method	Brushing
Yield per application (m²/l)	approx. 8 - 10

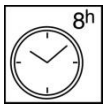
Attention: Do not spray the product!

The product is ready for brush.

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)



Recoatable at room temperature:	after approx. 8 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).

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

Cleaning the working equipment

With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 or ADLER Abbeizer Rote Krähe 95125.

SUBSTRATE

Type of substrate

Softwood and hardwood as well as plywood materials which are suitable for the exterior, such as, for example, solid wooden boards, glued laminated timber (GLT or Glulam) and solid structural timber (SST), etc.

Substrate property (or condition)

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.

Please observe and follow ÖNORM B 2230-1.

See also VOB, Part C, DIN 18363, Paragraph 3, painting and coating work.

Please observe BFS data sheet no. 18.

Wood moisture

Hardwoods: 12 % +/- 2 %
Softwoods: 15 % +/- 2 %.

Preparation of the substrate

For optimal durability, we recommend sanding smooth wooden surfaces such as planed wood 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.

Clean highly resinous timbers and exotic timbers containing drying retardant components with ADLER Nitro-Verdünnung 80001.

Treat infestation or attack by algae, moss or mold with Aviva Fungisan 8308000210.

Please observe the relative technical data sheets of the products.

COATING SYSTEM

Impregnation

If necessary, apply 1 coat of Pullex Aqua-Imprägnierung Farblos 51320 (applies to timbers of durability class 3-5 according to EN 350-2).) to protect against blue stain, fungal decay and insect infestation.

Intermediate drying: approx. 4 hours

Please observe the relative technical data sheets of the products.

Primer coat

1x Pullex Aqua-Plus 53101 ff farbig (coloured)

Intermediate drying: approx. 8 hours

Final coat

1x Pullex Aqua-Plus 53101 ff farbig (coloured)

MAINTENANCE AND RENOVATION

Maintenance and renovation

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 1x with Pullex Aqua-Plus 53101 ff in lighter colour shades.

On deep-pored hardwoods, e.g. Oak, Iroko, shorter maintenance intervals must be anticipated.

Please follow our **"Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Durability, maintenance and renovation"**.

ORDERING INFORMATION

Size of trading unit

0.75 l; 2.5 l; 10 l

Colour / degree of gloss

Weide	53102	Nuss	53110
Eiche	53103	Palisander	53111
Kiefer	53104	Kastanie	53115
Lärche	53105		

Color4You

Other colour shades can be obtained using the **ADLER colour mixing system Color4You.**

Base paints:

Base W30 53101

- The final colour is basically obtained from the inherent colour of the wood, the applied quantity, the colour of the impregnation and the colour of the finishing coat.
- 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 having the same batch number on a given surface.

PACHE SARL

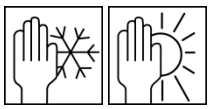
- Two coloured layers need to be applied to guarantee good weathering resistance.
- Apply exclusively pigmented colour shades to ensure a good weather resistance.
- Moderate colour shades have the best weather resistance; avoid very light or dark colour shades under extreme climatic conditions.
- When brightening the standard colour shades for the application of a new coat using Pullex Aqua-Plus Farblos (colourless) 53101, the interval for maintenance may be shorter (reduced UV protection). Therefore Weide or Eiche should be used to brighten darker colour shades.
- Please consume blended products within 3 months.

Supplementary products

Aviva Fungisan 8308000210
ADLER Nitro-Verdünnung 80001
ADLER Aqua-Cleaner 80080
ADLER Abbeizer Rote Krähe 95125
Pullex Bodenöl 50527 ff

FURTHER DETAILS

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).

Technical specifications

VOC content — EU threshold for Pullex Aqua-Plus (Cat. A/e): 130 gm./l (2010). Pullex Aqua-Plus contains maximum 60 g/l (Volatile Organic Compounds).

Product code for paints and varnishes

M-KH01F

Safety-related information

Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com**.

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