Pache SARL - 64 Route de Gravin, 74300 Magland
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Technical data sheet

ADLER
Paint runs through our veins.

ADLER Acryl-Holzgrund 41001

Water-based primer and intermediate coat for wood in internal and external areas **for DIY and professional use**

PRODUCT DESCRIPTION

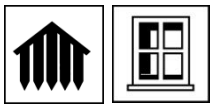
General

Water-based, white primer and intermediate coat on a special acrylate-dispersion base. Biocide-free.

Special Properties Testing Standards

- High insulation property for wood extractives and dry water stains.
- High elasticity and body
- Environmentally friendly and odourless
- **French Ordinance DEVL1104875A** regarding the labelling of construction coating products with respect to their emission of volatile pollutants: A+

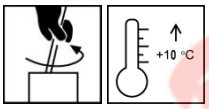
Areas of application



Wood in internal and external areas.

PROCESSING

Instructions for application



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least 15 C.
- Minor quantities of application and/or stronger dilution will reduce the insulation effect!
- Depending on the species of wood but also on the growing region, the content of the colouring water-soluble wood extractives may vary significantly. It is therefore recommended to test always the coating on a specimen of the original wood in order to judge the insulation effect.
- Overnight drying consolidates the insulation effect.

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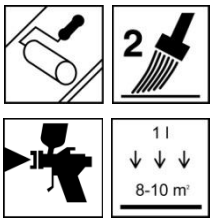
Our instructions for use are based on knowledge available currently and shall guide the purchaser / user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The purchaser / user decides about the acceptance and use of the delivered product at his / her own risk, which is why we recommend that a sample piece be prepared to check the acceptability 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 modification of the container sizes, colour shades and degree of gloss.

Application technique



Application method	Using a brush	Roller brush application	Cup gun
Spray nozzle (ø mm)	-	-	1,8 - 2
Spraying pressure (bar	-	-	2 – 2,5
Thinner	water		
Thinner amount added in %	max. 5		max. 20
Yield per application (m²/l)[1)]	8 - 10		

[1)] Yield including addition of thinner and loss while spraying

Drying times
(at 20 °C room temperature)

Can be sanded	after 3 - 4 hours
Can be recoated	after 3 - 4 hours

Avoid direct sunlight (very quick drying).

Cleaning the tools and equipment

With water immediately after use.

Remove dried-up paint residues with ADLER Abbezier 95125.

SUBSTRATE

Type of substrate

Wood, wood-based materials

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 ÖNORM B 2230 Part 2.

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

Please observe 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

In case of hardwoods max. 12 % +/- 2 % and for softwoods 15 % +/- 2 %.

Preparation of the substrate

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.

Clean woods having high resin content and exotic types of woods having constituents that delay the drying process with ADLER Nitroverdünnung 80001.

Treat infestation or attack by algae, moss or fungus with ADLER Fungisan 96349.

Please follow the respective technical data sheets of the products.

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COATING SYSTEM

Primer and/or intermediate-coat

Apply 1 coat of Pullex Aqua-Imprängierung (primer) 51320 ff to protect against blue stain, fungal and insect attack (applies to wood of the durability class according EN 350-2, 3 – 5).

1 - 2 x ADLER Acryl-Holzgrund 41001

Intermediate drying time: approx. 3 - 4 hours
Overnight drying consolidates the insulation effect.

Please follow the respective technical data sheets of the products.

Final coat

1 - 2 x ADLER Glanzacryl 40701
or
1 – 2 x ADLER Seidenacryl 40751
or
1 x Pullex Aqua-Color W10 Weiß (white) 53331

Please follow the respective technical data sheets of the products.

NOTES ON ORDERING

Container sizes

375 ml; 750 ml; 2.5 l

Colour shades

Weiß/white

Supplementary products

ADLER Abbeizer Rote Krähe 95125
ADLER Fungisan 96349
ADLER Seidenacryl 40751
ADLER Glanzacryl 40701
ADLER Nitroverdünnung 80001
Pullex Aqua-Imprägnierung 51320
Pullex Aqua-Color W10 Weiß 53331

OTHER INSTRUCTIONS

Storage stability / Storage

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).

Technical Specifications

VOC content	EU limit value for ADLER Acryl-Holzgrund (Cat. A/g): 30 gm/l (2010). ADLER Acryl-Holzgrund contains maximum 30 gm/l VOC.

Product code for paints and varnishes

M-GP01

Safety-relevant information

Please follow 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).

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