

ADLER Aqua-Grund

3006

Water-based primer for furniture and interior finishing for industrial use

PRODUCT DESCRIPTION

General

Water-based, one-component primer with very good filling power and excellent accentuation; quick drying, very good grindability.

Special properties and standards

- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate: flame-retardant (formerly B 1 acc. to B 3800 -1), Q1, Tr 1
- **DIN 53160/1 and DIN 53160/2** Perspiration and saliva-proof properties
- **ÖNORM EN 71-3** Safety of toys; migration of certain elements (free of heavy metals)
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



Application areas



- Full-bodied primer for furniture, interior fittings, wall panelling, wooden ceilings etc. with good accentuation of the wood.
- The product is intended to be used as a primer for water-based systems like ADLER Aqua-Spritzlack Eco 30270 ff, ADLER Aqua-Spritzlack NQ 30280 ff or other water-based ADLER furniture coatings.
- Can be used for the pre-insulation of MDF boards treated with Bluefin Isospeed 3134 and ADLER Pigmocryl NG 3200 ff.
- Application in combination with a suitable topcoat system.

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 + 15 °C.
- Various types of wood such as **Oak, Larch**, etc. contain water-soluble substances, which become active when overcoating with water-based furniture varnishes. To prevent discolouration or marks (these can be more or less pronounced depending on the origin of the wood), when painting **oak, larch and other types of wood rich in active substances** we therefore recommend priming them first with ADLER PUR-Primer 25291.

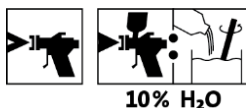
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Our instructions for use are based on knowledge available currently and shall guide the buyer/user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability of the product. Otherwise our General Terms of Sale apply. 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.

- Light-sensitive wood species that are prone to fading as for example cherry tree or pear tree and beech show colour changes in the course of time. In order to preserve the natural wood tone, staining should always be carried out with water-based stains (e.g. ADLER Aqua-Classic 1333) prior to painting; in addition, the topcoat can be slightly coloured with a paint concentrate (ADLER Aqua-Tint 89051 ff).
- When coating interior doors, it must be ensured that only sealing profiles compatible with acrylic paints are used.
- Please observe the relative technical data sheets of the products.
- Please follow our **“Working guidelines for water-based furniture varnishes”**.

Application technique



Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Compressed air spraying, cup gun
Spray nozzle (ø mm)	0.23 - 0.33	0.23 - 0.33	2.0
Spraying pressure (bar)	100 - 120	60 - 90	3 - 4
Atomized air (bar)	-	1 - 2	-
Thinner	water		
Thinner amount added in %	-	-	10
Application quantity per application (g/m ²)	approx. 100 - 120; total quantity applied (primer and topcoat) max. 450		

Drying times

(at 23 °C and 50 % rel. humidity)



Sandable and recoatable	after approx. 2 hours
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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.

Low atmospheric humidity, higher temperatures or excessively high air velocities in the pre-drying phase can lead to degassing.

Cleaning the working equipment



With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

SUBSTRATE

Type of substrate

Hard and softwood (solid wood, veneer, (coated) chipboard, wood fibre boards)

Substrate property

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.

Preparation of the substrate	Hardwoods: wood sanding with grit size 150 - 180 Softwoods: wood sanding with grit size 100 - 150
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COATING SYSTEM

Primer coat	1 x ADLER Aqua-Grund 30018
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Intermediate sanding	Grit size 240 - 320 Avoid sanding straight through!
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Topcoat	1 x ADLER Aqua-Spritzlack Eco 30270 ff or ADLER Aqua-Spritzlack NQ 30280 ff Please observe the relative technical data sheets of the products.
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ORDERING INFORMATION

Size of trading unit	25 kg
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Delivery forms	ADLER Aqua-Grund 30018 ADLER Aqua-Grund S 3006000200
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Supplementary products	ADLER Aqua-Classic 1333 ADLER PUR-Primer 25291 ADLER Aqua-Spritzlack Eco 30270 ff ADLER Aqua-Spritzlack NQ 30280 ff Bluefin Isospeed 3134 ADLER Pigmocryl NG 3200 ADLER Aqua-Cleaner 80080 ADLER Aqua-Tint 89051 ff
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FURTHER DETAILS

Durability / storage	At least 9 months in the original sealed containers. Cool but frost-free
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Technical specifications	Delivery viscosity 60 ± 5 s in accordance with DIN 53211 (6-mm-cup, 20 °C)
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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. The current version can be accessed on the Internet at www.adler-lacke.com .
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The product is only suitable for industrial and professional use.

In general, inhaling paint aerosols must be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).