

ADLER Aqua-Primer

30019

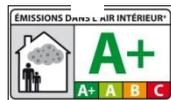
Water-based primer coat for **furniture and interior furnishing** for **industrial and professional use**

PRODUCT DESCRIPTION

General

Thixotropic, water-based one component primer with excellent filling power and outstanding grain accentuation and transparency on dark wood and dark stained surfaces; excellent stability on vertical surfaces, easy to sand, outstanding resistance to creams and grease (CFB), non-yellowing.

Special properties and standards



- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate: highly non-combustible or flame-retardant (formerly B 1 in accordance with B 3800 -1), Q1, Tr 1
- **ÖNORM S 1555** or **DIN 53160** 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 area



- Full-bodied primer coating for furniture, interior finishing, wall panelling, wooden ceilings etc. with good transparency and grain accentuation of the wood substrate.
- On account of its thixotropic properties, this coat is highly suitable for a primer application on profiled or vertical surfaces.
- ADLER Aqua-Primer is intended as a primer coat among the water-based coating systems ADLER Aqua-Kristall Ultra 30260 ff or other water-based ADLER furniture varnishes.
- Can be used for pre-insulation of MDF boards for dull finish structures (ADLER Aqua-Spritzfüller 31010 / ADLER Pigmocryl 31105 ff).
- ADLER Aqua-Primer 30019 has a certain inherent colour, which can disturb on bleached wood such as, for example, bleached Maple or on white stained surfaces (e.g. ADLER Aqua-Neoantik Kreide 14475). For these application areas we recommend to use ADLER Aqua-Soft CFB 30361 ff or ADLER Aqua-Resist CFB 30460 ff by using the coat-on-coat application method.
- As a result of its special composition highly suitable for use as a primer coat on blistering prone substrates such as, for example, veneered hardboards.
- 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 + 15 °C.
- Various types of wood such as **Oak and Larch** etc. contain water-soluble substances, which become active by applying water-based furniture paint. In order to prevent fading or marks (these can be differently pronounced depending on the origin of the wood), we recommend applying a preliminary primer coat of ADLER PUR-Primer 25291 first before coating **Oak, Larch and other wood types with high extractive content**.
- Light sensitive wood with the tendency to fade as for example Cherry, Pear and Beech will show colour change in the course of time. In order to preserve the natural wood shade, it should generally be stained using water-based stains (e.g. with ADLER Aqua-Classic 1333) before being coated; in addition, the topcoat can be slightly tinted with a colour concentrate (ADLER Aqua-Tint 89051 ff).
- When coating interior doors please make sure to use only sealing profiles compatible with acrylic lacquers.
- Please follow our "**Working guidelines for water-based furniture varnishes**".
- Please observe the relative technical data sheets of the products.

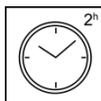
Application technique



Application method	Airless	Airless air-supported (air mix, air coat, etc.)	Cup gun
Spraying 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	-
Dilution (thinning)	Water		
Thinner amount added in %	-	-	0 - 10
Application quantity (gm./m ²)	approx. 100 – 120 per application; Total quantity applied (primer and topcoat) max. 450		

Drying times

(at 23 °C and 50 % rel. humidity)



Grindable and recoatable

after approx. 2 hours

The figures given above are reference values. The drying time depends on the substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Low atmospheric humidity, high temperatures or very high air speeds in the initial drying phase may lead to poorer de-aeration.

Cleaning the working equipment

With water immediately after use.

Remove flashed-off coat residues with ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

SUBSTRATE**Type of substrate**

Hardwood and softwood (solid wood, veneered, (laminated) plywood and wood fibre materials)

Substrate property (or condition)

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

Preparation of the substrate

Hardwoods: sanding grain size 150 – 180

Softwoods: sanding grain size 100 – 150

COATING SYSTEM**Primer coat**

1x ADLER Aqua-Primer 30019

Intermediate sanding

Grain size 240 – 320

Avoid through sanding!

Topcoat

1x ADLER Aqua-Kristall Ultra 30260 ff

Please observe the relative technical data sheets of the products.

You may also apply other water-based ADLER furniture varnishes.

ORDERING INFORMATION**Size of trading unit**

5 kg, 25 kg and 120 kg

By-products

ADLER Aqua-Kristall-Ultra 30260 ff

ADLER PUR-Primer 25291

ADLER Aqua-Soft CFB 30361 ff

ADLER Aqua-Resist 30460 ff

ADLER Aqua-Classic 1333

ADLER Aqua-Tint 89051 ff

ADLER Aqua-Spritzfüller 31010

ADLER Pigmocryl CFB 31105 ff

ADLER Aqua-Cleaner 80080

FURTHER DETAILS**Durability / storage**

At least 12 months in the original sealed containers.

Cool, but frost-free.

Technical specifications

Delivery
viscosity

4000 ± 200 cP (Brookfield Spindle 4/20 UpM/
2 min./20 °C)

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).
