

## Technical data sheet

# ADLER Aqua-Primer Ultra

# 30014

Water-based primer for furniture and indoor structures for industrial and professional use

### PRODUCT DESCRIPTION

#### General

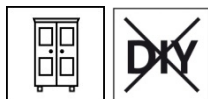
Thixotropic, water-based, basecoat that can be processed as a single component having excellent filling power and outstanding grain accentuation and transparency on dark wood and surfaces having dark stains; excellent stability on vertical surfaces, easy to sand, outstanding resistance to creams and grease (CFB), and non-yellowing.

#### Special Properties Testing 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 EN 71-3** - Safety of toys, Migration of certain elements (absence of heavy metals)
- **ÖNORM S 1555 resp. DIN 53160** Perspiration and saliva-proof properties
- **French Ordinance DEVL1104875A** regarding the labelling of construction coating products with respect to their emission of volatile pollutants: A+



#### Areas of application



- Full-bodied primer coating for furniture, indoor structures, wall panelling, wooden ceilings etc. with good transparency and grain accentuation of the wood substrate.
- On account of its thixotropic setting, this coat is highly suitable for the application of a primer coat on distinguished or vertical surfaces to be coated.
- ADLER Aqua-Primer-Ultra is foreseen as a basecoat among the water-thinnable coating systems, ADLER Aqua-Kristall Ultra 30260 ff or other water-thinnable ADLER furniture coatings.
- It can be used for pre-insulation of MDF boards for surfaces having a dull finish (ADLER Aqua-Spritzfüller 31010 / ADLER Pigmcryl 31105 ff).
- ADLER Aqua-Primer Ultra 30014 has some of its own colour, which can interfere on bleached wood such as, for example, bleached maple or on surfaces having white stains (e.g. ADLER Aqua-Neoantik Kreide 14475). For these areas of application, we recommend that you use ADLER Aqua-Soft CFB 30361 ff or ADLER Aqua-Rapid CFB 30451 ff using the coat-on-coat application method.
- As a result of its special composition, it is highly suitable for use as the primer coat on substrates prone to blistering such as, for example, veneered hardboards.

07-14 (supersedes 11-12) ZKL 3015

ADLER-Werk Lackfabrik, A-6130 Schwaz  
Fon: 0043/5242/6922-301, Fax: 0043/5242/6922-309, Mail: [technical-support@adler-lacke.com](mailto:technical-support@adler-lacke.com)

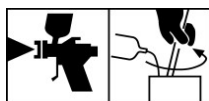
## PROCESSING

### 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.
- Various types of wood, such as **oak and larch** etc. contain water-soluble substances, which become active when a topcoat of water-thinnable furniture paint is applied. In order to prevent fading or marks (these can be differently pronounced depending on the origin of the wood), we recommend that a primer coat of ADLER PUR-Primer 25291 be applied first before coating **oak, larch and other types of wood rich in substances**.
- Wood types such as that of the cherry and pear tree and beech wood that are sensitive to light and tend to fade, show changes in colour shade with time. In order to maintain the natural shade of wood, they should basically be stained using water-thinnable stains (e.g. with ADLER Aqua-Classic 13301 ff) before being coated; in addition, the topcoat can be coloured slightly with a colour concentrate (ADLER Aqua-Tint 89051 ff).
- When coating interior doors, it must be ensured that only sealing profiles compatible with acrylic paints and lacquers are used.
- Please follow our "**Working guidelines for water-based furniture paints / lacquers**".
- Please follow the respective technical data sheets of the products.

### Application technique



5 - 10 %

Application method	Airless	Airless pressurized (Airmix, Aircoat etc.)	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
Spraying air (bar)	-	1 – 2	-
Dilution (thinning)	Water		
Thinner amount added in %	-	-	5 - 10
Application quantity (gm/m <sup>2</sup> )	approx. 100 – 120 per application; Total quantity applied (Basecoat and topcoat) max. 450		

### Drying times

(at 23 °C and 50 % rel. humidity)



Can be sanded and recoated	after approx. 2 h
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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 tools and equipment



Clean them with water immediately after use.

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

## SUBSTRATE

### Type of substrate

Hardwood and softwood (solid wood, veneer, chipboards, wood fibre 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.

### Preparation of the substrate

**Hardwoods:** sanding using grain size 150 – 180  
**Softwoods:** sanding using grain size 100 – 150

## COATING SYSTEM

### Primer coat

Apply a primer coat with ADLER Aqua-Primer Ultra 30014

### Intermediate sanding



Grain size 240 – 320 (do not grind through!)

Avoid to sanding straight through!

### Topcoat

1 coat of ADLER Aqua-Kristall Ultra 30260 ff

Please follow the respective technical data sheets of the products.

You may also apply a topcoat using other water-based ADLER furniture coats.

## NOTES ON ORDERING

### Container sizes

5 kg; 25 kg and 120 kg

### Supplementary products

ADLER Aqua-Cleaner 80080  
ADLER Aqua-Kristall-Ultra 30260 ff  
ADLER PUR-Primer 25291  
ADLER Aqua-Soft CFB 30361 ff  
ADLER Aqua-Rapid CFB 30451 ff  
ADLER Aqua-Classic 13301 ff  
ADLER Aqua-Tint 89051 ff

## OTHER INSTRUCTIONS

### Storage stability / Storage



At least 12 months in originally sealed containers.

Store it in a cool place that is frost-free

### Technical Specifications

Delivery viscosity 8200 ± 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](http://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).

PACHE SARL