Pache SARL - 64 Route de Gravin, 74300 Magland
04 50 89 57 17 contact@pache-adler.fr
www.pache-adler.fr

Technical data sheet

ADLER
Paint runs through our veins.

ADLER Aqua-Primer Ultra 30014

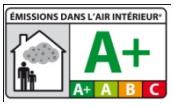
Water-based primer for **furniture and indoor structures for industrial and professional use**

PRODUCT DESCRIPTION

General

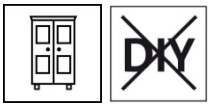
Thixotropic, water-based, basecoat that can be processed as a single component having excellent filling power and outstanding grain accentuation and transparency on dark wood and surfaces having dark stains; excellent stability on vertical surfaces, easy to sand, outstanding resistance to creams and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

PACHE Sarl

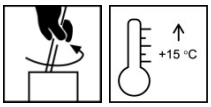
07-14 (supersedes 11-12) ZKL 3015

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

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 the modification of the container sizes, colour shades and degrees of gloss available.

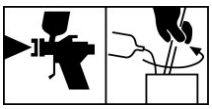
PROCESSING

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/m²)	approx. 100 – 120 per application; Total quantity applied (Basecoat and topcoat) max. 450		

PACHE SARL

Drying times (at 23 °C and 50 % rel. humidity) 	Can be sanded and recoated: after approx. 2 h 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

PACHE sarl

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**.

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