

Arova Aqua-Alpin

1361

Water-based **softwood stain** for an antique-like, positive stain effect for **industrial and professional use**.

PRODUCT DESCRIPTION

General

Water-based stain with special lightfast dyes combined with micronised pigments, special product for sanded, brushed, chopped, scrubbed and planed softwoods, if wanting to achieve an antique-looking, strikingly positive stain effect in one process. The product can be recoated with water and solvent-based wood paints.

Special properties and standards



- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

Application area



- For the coating of furniture and interior finishing exposed to high levels of stress, such as tabletops and shelves in the kitchen and living area, bathrooms, offices and in the contract sector, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas. Application groups II – IV in accordance with ÖNORM A 1610-12.
- Application in combination with a suitable topcoat system.

PROCESSING

Instructions for use



- Please stir product well before and during use.
- The temperature of the product and object, and the room temperature must be at least +15 °C.
- Do not empty product from the spray gun or contaminated with wood dust back into the original container.
- Less absorbent wood types require less stain to be applied compared to more absorbent timber.
- Various types of wood such as larch, Swiss pine etc. contain water-soluble substances, which are activated by being coated with water-based furniture paints. Hence, in order to prevent discoloration or marks, we recommend applying a prime coat using ADLER PUR-Primer 25291 in case of **wood types rich in extracts**.
- Please follow our **“Working guidelines for staining wood”**.
- Please observe the respective technical data sheets of the products.

Application technique

Application method	Cup gun
Spraying nozzle (ø mm)	1.5 -1.8
Spraying pressure (bar)	2.0 – 2.5
Application quantity (g/m ²)	50 - 70
Yield per application (m ² /l) ¹⁾	6 – 8
¹⁾ Yield including loss while spraying	

The shape and properties of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

You can also apply the stain using air-mix or an airless low-pressure device. You can also use a paint brush or a sponge to apply the stain on small areas.

Drying times

(at 23 °C and 50 % rel. humidity)



Recoatable (solvent-based paints)	after approx. 12 hours preferably overnight
Recoatable (water-based paints)	after approx. 5 hours

The positive effect develops during the first stage of drying (approx. 30 min.), during which no forced drying with circulating air is allowed.

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.

Avoid direct sunlight (very quick drying).

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**

Softwoods

Substrate property (or condition)

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

Wood sanding with grit size 120, brush, chop, scrub or plane
Deresinate softwoods with high resin content such as pine or Swiss pine and sand down with grit size 120.

Please observe our **“Working guidelines for deresinating”**.

Brushed, chopped, scrubbed or planed surfaces are stained without any other pre-treatment.

Rinsing the sanded wood and, once it has dried, sanding it smooth with grit size 120 is beneficial.

COATING SYSTEM**Stain application**

Apply Arova Aqua-Alpin uniformly along the direction of the wood fiber using the wet on wet method with slight excess so that the surfaces appear moist.

Subsequent coating

Recoatable with both water and solvent-based furniture paints. For light stain shades, as a matter of principle we recommend using lightfast paints such as ADLER Legnopur 26211 ff or ADLER Aqua-Resist 30460 ff. When using non-lightfast types of paint, it can be expected that the final color will appear slightly yellowish; this effect increases with aging.

ADLER DD-Isoliergrund 25103 must not be used.

If you want to give new wood a look of old wood, after staining the use of ADLER PUR-Antiscratch HQ G10 26321, diluted with 30 % ADLER DD-Verdünnung 80019, or ADLER PUR-Naturmatt 26132 is recommended. Areas exposed to less use can also be reworked with water-thinnable or solvent-based waxes.

Please observe the respective technical data sheets of the products.

ORDERING INFORMATION**Size of trading unit**

1 l; 5 l

Color shades/degree of gloss

Colorless	1361 400100	Gröden	1361 054744
Adelboden	1361 054740	Sölden	1361 054745
St. Anton	1361 054741	Chamonix	1361 054746
Schladming	1361 054742	Cortina	1361 054747
Wengen	1361 054743		

All colors can be mixed with each other and, if required, can also be thinned using Arova Aqua-Alpin Farblos 1361 400100.

If it is thinned excessively, the inherent color of the wood and the natural yellowing of the wood can lead to noticeable color changes over a period of time. The color changes if the liquid stain comes into contact with metal.

Prior to applying the stain, you should always stain a sample of the original wood and recoat it with the intended paint in order to assess the final color shade. Always use stain from the same batch for a consignment.

Supplementary products

ADLER PUR-Naturmatt 26132
ADLER PUR-Antiscratch HQ G10 26321
ADLER PUR-Primer 25291
ADLER Legnopur 26211 ff
ADLER Aqua-Resist 30460 ff
ADLER Aqua-Cleaner 80080

FURTHER DETAILS**Durability/storage**

At least 1 year in the original sealed containers.

Store cool but frost-free

Safety-related information

Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com**.

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 breathing mask (combination filter A2/P2 – EN 141/EN 143).