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Technical data sheet

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Paint runs through our veins.

Arova Aqua-Neoantik 1335

Water-based **hardwood stain** for a pore-accentuated, antique stain appearance in wood colour tones, for **industrial use**

PRODUCT DESCRIPTION

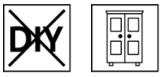
General

Water-based hardwood stain. High light fastness thanks to special dyes for pore-accentuated, antique stain effects in wood colour tones. For achieving a texture-emphasising stain effect on fine-pored hardwoods. The product can be overcoated with water-based and solvent-based wood coatings.

Special properties and standards

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

Application area



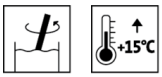
For furniture, interior fixtures, wall paneling and wood ceilings.

Depending on the furniture coating used, the product is suitable for surfaces of furnitures and interior finishing in application areas II – IV according to ÖNORM A 1610-12.

Application in combination with a suitable topcoat system.

PROCESSING

Processing instructions



- 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.
- In the case of wood types with low absorbency or where a higher application quantity is required, the product can be spread/wiped out with a brush/sponge if necessary.
- Various types of wood such as Oak, various exotic woods, etc. contain water-soluble substances, which become active when overcoating with water-based furniture coatings. To prevent discolouration or marks (these can be more or less pronounced depending on the origin of the wood), when coating **oak, larch** and other types of wood rich in active substances we therefore recommend priming them first with Aduro Primer (2523).
- Do not return the product from the application tool or product contaminated with wood dust to the original container.
- The color changes if the liquid stain comes into contact with metal.
- Please observe our **ARL 110 - Working guidelines for staining Wood.**

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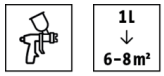
Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.

Application technique



	Cup gun
Spraying nozzle Ø (mm)	1,5
Spraying pressure (bar)	1,5 - 2,5
Yield per application (m²/l)	6 - 8
Applied quantity per application (g/m²)	30 - 40

A staining application with Airmix or Airless low pressure device is also possible. An application with a paint brush or sponge is not recommended.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)

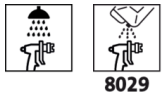
Recoatable (solvent-based coatings)	12 hour(s)
Recoatable (water-based coatings)	5 hour(s)

Depending on the system parameters, a flash-off time must be taken into account. No forced drying until the product is completely penetrated into the wood.

The figures given above are reference values. Drying depends on the substrate, layer thickness, temperature, air exchange, relative humidity, stacking pressure and stacking conditions.

Avoid direct sunlight!

Cleaning the working equipment



With water immediately after use.

To remove dried paint residues we recommend using Aqua-Cleaner (8029) (diluted 1:1 with water).

SUBSTRATE

Type of substrate

Fine pored and coarsely porous hardwoods

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.

Substrate preparation

Wood sanding Grit size 150 – 180

It is advantageous to water the sanded wood and after drying smooth sanding with grain size 180 - 220; this step is absolutely necessary for solid oak.

COATING SYSTEM

Stain application

1 x Arova Aqua-Neoantik (1335)

Apply evenly and with a small excess by spraying so that the surfaces appear damp.

On wood types such as ash, oak or spruce, we recommend spreading the stain shortly after application (approx. 45 g/m²), first crosswise and then lengthwise to the direction of the wood fibers; this creates a more textured stain appearance on coarse-pored hardwoods.

In case of finely porous hardwoods, it is recommended to apply smaller quantities (approx. 35 gm/m²), since the stains are not distributed after the application.

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Subsequent coating

Arova Aqua-Neoantik (1335) is recoatable with both water and solvent-based furniture coatings. For light stain shades, we generally recommend the use of lightfast coatings such as
e.g. Aduro Legnopur (2513) or Bluefin Resist (2963). When using non-lightfast types of paint, it can be expected that the final color will appear slightly yellowish; this effect increases with aging.

For white stained surfaces we recommend to apply additionally one layer of Legnopur, tinted with 1.0 % up to a max. of 3.0 % Solva-Tint Polarweiß (9035040114). Alternatively, a water-based furniture coating such as Bluefin Top-Antiscratch, tinted with 1.0 to max. 3.0 % Aqua-Tint Polarweiß (9009040114), can be used. Avoid any overlap when spraying!

ORDERING INFORMATION

Size of trading unit

Container sizes on request

Colour shades / Glosslevels

Arova Aqua-Neoantik (1335) & colour number

Special colours on request.

If it is thinned excessively, the inherent colour of the wood and the natural yellowing of the wood can lead to noticeable colour changes over a period of time.

Prior to applying the stain and the coating, you should always stain a sample on the original wood and treat it with the intended coating material in order to assess the final colour shade. Only use stains from the same batch for a commission.

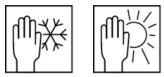
Supplementary products

Aduro Legnopur (2513)
Aduro Primer (2523)
Aqua-Cleaner 8029 (8029)
Aqua-Tint Polarweiß (9009040114)
Bluefin Resist (2963)
Solva-Tint Polarweiß (9035040114)

Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage



Min. 1 year(s) in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

Close opened containers well and use up the content as soon as possible.

Safety information

The product is only suitable for industrial use.

The inhalation of paint aerosols during spray application must generally be avoided. This is ensured by the proper use of a respirator (combination filter A2/P2).

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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