Pache SARL - 64 Route de Gravin, 74300 Magland
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Technical data sheet

Paint runs through our veins.

Arova Classic 1333

Water-based **hardwood stain** for a stain finish that doesn't accentuate the pores, for use in **industry and trade**

PRODUCT DESCRIPTION

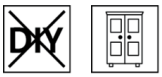
General

Water-based hardwood stain with good lightfastness for transparent stain effects that do not accentuate the pores on fine-pored and coarse-pored hardwoods. The product is especially suitable for painting over colourless water-based wood varnishes. You can also paint over the surface with solvent-based varnishes.

Special properties and standards

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

Application area



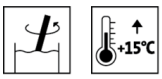
For furniture, interior fixtures, wall paneling and wood ceilings.

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.
- Do not return the product from the application tool or product contaminated with wood dust to the original container.
- Air mix or low-pressure airless devices are also suitable for applying the stain. An application with brush or sponge is also possible on small dimensioned surfaces.
- Less absorbent wood types require less application compared to more absorbent timber.
- In the case of coarse-pored hardwoods such as ash or oak, a pore-accentuated stain pattern can be achieved if the stain is spread across and then along direction of the wood fibre shortly after application.
- In order to achieve a highly uniform stain effect, you can add – particularly in case of Maple and Beech Tree – up to a maximum of 10 % Arova Aqua-Additive Beizzusatz 89344 (8116040775). When using more than 10 %, adhesion problems could appear.

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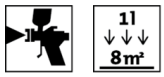
Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied 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.

- 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 when painting wood rich in active substances we therefore recommend priming them first with Aduro Primer (2523).
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result.
- Please observe our **ARL 110 - Working guidelines for staining Wood.**

Application technique



	Cup gun
Spraying nozzle Ø (mm)	1,5
Spraying pressure (bar)	2,0 - 2,5
Yield per application (m²/l)	8

The stated yield includes spray loss.

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

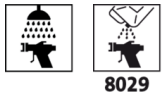
(at 23 °C and 50 % rel. humidity)

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

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!

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

Especially recommended: Beech / Maple / Birdseye Maple / Alder / Cherry tree / Walnut / Oak / Ash

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

2 x Arova Classic (1333)

Once evenly and with moderate excess along the direction of the wood fiber so that the surfaces appear slightly wet.

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Subsequent coating	Arova Classic (1333) 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.

ORDERING INFORMATION

Size of trading unit	1 l, 5 l
Colour shades / Glosslevels	**Standard colour(s):** Farblos (1333400100) Bambus (1333400110) Vanille (1333400120) Curry (1333400130) Safran (1333400140) Lichtbraun (1333400150) Thymian (1333400160) Bernstein (1333400170) Nussbaum Hell (1333400180) Cherry (1333400190) Antik (1333400200) Pfeffer (1333400210) Nussbaum Dunkel (1333400220) Kakao (1333400230) Wenge (1333400240) Espresso (1333400250) All colours can be mixed with each other and, if required, diluted with Arova Classic Farblos (1333400100). 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. The final colour shade is basically obtained from the inherent colour of the wood, the applied quantity, the colour shade of the stain and the colour shade of the coating. The color changes if it comes into contact with metal. 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) Aqua-Cleaner 8029 (8029) Arova Aqua-Additive Beizzusatz 89344 (8116040775) Bluefin Resist (2963) Please refer to the corresponding technical data sheets of the products.

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FURTHER DETAILS

Durability / storage

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

Cool, but frost-free.

Safety information

The product is only suitable for the industrial and professional 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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