

Arova Pro

1341

Water-based **hardwood stain** in two qualities for a pore-accentuated, antique stain pattern or for a non pore-accentuated stain pattern, especially for **industrial use**.

PRODUCT DESCRIPTION

General

Water-based hardwood stain with high resistance to light in two qualities:

- Arova Pro **IPO** with micronised pigments to achieve a structured stain effect on coarse and fine pored hardwoods and a pronounced negative stain effect on softwoods.
- Arova Pro **EGA** with special colorants for a non accentuating stain effect.

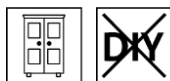
Both qualities can be overcoated with both solvent-based or water-based wood varnishes.

Special properties and standards



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

Application areas



- Depending on the furniture varnish 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

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 the stain from the spray gun or contaminated with wood dust back into the container with the original stain.
- Suitable for industrial processing on automatic spraying machines.
- A staining application with Airmix or Airless low pressure device is also possible.
- Less absorbent wood types require less application compared to more absorbent timber.
- Various types of wood such as Oak, Larch, etc. contain water-soluble substances, which become active when overcoating with water-based furniture varnishes. To prevent discolouration or

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Our instructions for use are based on knowledge available currently and shall guide the buyer/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 buyer/user is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability of the product. Otherwise our General Terms of Sale apply. 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.

marks when painting **wood rich in active substances** we therefore recommend priming them first with ADLER PUR-Primer 25291.

- The color changes if the liquid stain comes into contact with metal.
- Please follow our "**Working guidelines for staining wood**".
- Please observe the relative technical data sheets of the products.

Application technique



Application method	Cup gun
Spray nozzle (ø mm)	1.5
Spraying pressure (bar)	1.5 - 2.5
Application quantity (g/m ²)	30 - 40
Yield per application (m ² /l) ¹⁾	approx. 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.

Drying times

(at 23 °C and 50 % rel. humidity)



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

Depending on the system parameters, a flash-off time must be taken into account. 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

Fine pored and coarsely porous hardwoods
Especially recommended for **Arova Pro IPO**: oak, ash and walnut (pores accentuated) and for **Arova Pro EGA**: beech, maple, cherry, walnut, oak and 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.

Preparation of the substrate


Wood sanding **Arova Pro IPO**: grit size 150 - 180
Wood sanding **Arova Pro EGA**: grit size 180 - 220

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

COATING SYSTEM



Stain application	2 x evenly and with moderate excess along the direction of the wood fiber so that the surfaces appear slightly wet.
Subsequent coating	<p>Arova Pro 1341 is recoatable with both water and solvent-based ADLER furniture paints. For light stain shades and colour shades, as a matter of principle we recommend using lightfast paints such as ADLER Legnopur 30460 ff, ADLER Aqua-Resist 26211 ff or UV-curing coating systems as for example Bluefin Multilux U 3851 or Innolux Mehrschichtlack 2790. When using non-lightfast types of paint, it can be expected that the final color will appear slightly yellowish; this effect increases with aging.</p> <p>Please observe the relative technical data sheets of the products.</p>

ORDERING INFORMATION

Size of trading unit	10 kg; 25 kg; 120 kg
Colour shades / degrees of gloss 	<p>The Arova Pro range is exclusively made up of special shades, which are adjusted according to customer requirements.</p> <p>If required, brighten Arova Pro IPO with 1341500100 Colourless. If required, brighten Arova Pro EGA with 1341500200 Colourless.</p> <p>Do not mix the qualities.</p> <p>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.</p> <p>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.</p> <p>For a commission, therefore, only use stain from the same batch.</p>

Supplementary products	ADLER PUR-Primer 25291 ADLER Aqua-Cleaner 80080 ADLER Legnopur 26211 ff ADLER Aqua-Resist 30460 ff Bluefin Multilux U 3851 Innolux Mehrschichtlack 2790
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FURTHER DETAILS

Durability / storage 	<p>At least 1 year in the original sealed containers.</p> <p>Store cool but frost-free.</p>
Safety-related information 	<p>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.</p> <p>The product is only suitable for industrial and professional use.</p> <p>Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).</p>