

## Arova Aqua-Colora

1326

Water-based semi-transparent **pigment stain** for **industrial and professional use**

### PRODUCT DESCRIPTION

#### General

Water-based semi-transparent pigment stain for hard- and softwood for furniture and interior finishing with an excellent light fastness. Due to the addition of special binding agents the pigments are well fixed on the wooden surface. For this reason the stain can be recoated with water-based as well as solvent 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.
- Especially suitable for staining fine-pored woods such as maple or beech. For profiled parts such as mouldings or frame furniture.
- Application in combination with a suitable topcoat system.

### PROCESSING

#### Instructions for use



- Stir the product well before and during application!
- The temperature of the product and object, and the room temperature must be at least +15 °C.
- Air mix or low-pressure airless devices are also suitable for applying the stain. An application with a paint brush or sponge is not recommended.
- Do not empty the stain from the spray gun or contaminated with wood dust back into the container with the original stain.
- Less absorbent wood types require less application compared to more absorbent timber.
- Various types of wood such as **Oak and Larch**, etc. contain water-soluble substances, which become active when applying a topcoat using water-based furniture paints. Hence, in order to prevent fading or marks, we recommend applying a prime coat using ADLER PUR-Primer 25291 in case of **wood types rich in extracts**.

05-18 (supersedes 02-16) ZKL 1326

ADLER-Werk Lackfabrik, A-6130 Schwaz

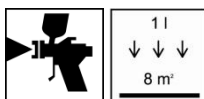
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Our instructions for use are based on knowledge available currently and shall guide the purchaser / user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The 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. 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.

- Black spots on tannin-rich woods such as oak or ash are caused by metal contamination during woodworking and are particularly visible on brightly stained surfaces. By adding 4 % ADLER Additiv-Lösung M 90697 to Arova Aqua-Colora this colour reaction can be largely prevented or entirely eliminated.
- The colour shade will change if the liquid stain comes into contact with metallic objects.
- Please follow our “**Working guidelines for staining wood**”.

Please observe the relative 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 <sup>2</sup> )                                  | 40 - 60   |
| Yield per application (m <sup>2</sup> /l) <sup>1)</sup>                   | 6 - 8     |
| <sup>1)</sup> Yield including addition of thinner and loss while spraying |           |

The shape and properties of the substrate and wood moisture 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 with water based varnish   | after approx. 5 hours  |
| Recoatable with solvent based varnish | after approx. 12 hours |

The figures given above are reference values. The drying time depends on the type of wood, coat thickness, temperature, air exchange and relative atmospheric humidity.

Avoid direct sunlight (very quick drying).

### Cleaning the working equipment



With (soap) water or Aqua-Cleaner 80080 immediately after use.

## SUBSTRATE

### Type of substrate

Finely porous and coarsely porous hardwoods; softwood

### 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.

|                                     |              |           |                     |
|-------------------------------------|--------------|-----------|---------------------|
| <b>Preparation of the substrate</b> | Wood sanding | Hardwood  | grit size 150 - 180 |
|                                     |              | Softwood: | grit size 120 – 150 |


Rinsing the sanded wood and, once it has dried, sanding it smooth with grit size 180 - 220 is beneficial; with solid oak, this step is essential.

## COATING SYSTEM

|                          |   |
|--------------------------|---|
| <b>Stain application</b> | Once evenly and with moderate excess along the direction of the wood fiber so that the surfaces appear slightly wet. Do not spread the stain. |
|                          | The final colour shade depends strongly from the proper wood colour and the quantity of wood stain applied.                                   |

|                           |  |
|---------------------------|--|
| <b>Subsequent coating</b> | <p>Arova Aqua-Colora 1326 can be recoated with water-based as well as solvent-based furniture paints. For light stain shades and colors, as a matter of principle we recommend using lightfast paints such as ADLER Legnopur 26211 ff or ADLER Aqua-Resist 30461 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.</p> <p>For white stained surfaces we recommend to apply additionally one layer of ADLER Legnopur 26211 ff., tinted with 0,3 % up to a max. of 1,0 % ADLER Pigmopur Weiß (White) 24005). Avoid overlapping when spraying!</p> <p>Please observe the relative technical data sheets of the products.</p> |
|---------------------------|--|

## ORDERING INFORMATION

|   |                    |   |
|---|--------------------|---|
| <b>Size of trading unit</b>   | 0.9 kg, 4.5 kg     |   |
| <b>Colour shades / degrees of gloss</b>   | Farblos/colourless | 1326400100  |
|   | Weiß/white         | 1326600110<br>(supersedes 11801)  |
|  | On maple:          |   |
|   | Pastellorange      | approx. RAL 2003 1326 420030  |
|   | Schwefelgelb       | approx. RAL 1016 1326 410160  |
|   | Gelbgrün           | approx. RAL 6018 1326 460180  |
|   | Lichtblau          | approx. RAL 5012 1326 450120  |
|   | Erikaviolett       | approx. RAL 4003 1326 440030  |
|   | Seidengrau         | approx. RAL 7044 1326 470440  |
|   | Graubeige          | approx. RAL 1019 1326 410190  |
|   | Beigegrau          | approx. RAL 7006 1326 470060  |
|   | Verkehrsgrau       | approx. RAL 7043 1326 470430  |
|   | On beech:          |   |
|   | Elfenbein          | approx. RAL 1014 1326 510140  |
|   | Pastellviolett     | approx. RAL 4009 1326 540090  |
|   | Pastelltürkis      | approx. RAL 6034 1326 560340  |
|   | Blassgrün          | approx. RAL 6021 1326 560210  |
|   |                    | <ul style="list-style-type: none"> <li>• Other colours on request</li> <li>• All colour shades can be mixed with one another and can also be thinned up to 30 % using Arova Aqua-Colora Farblos/colourless 1326400100.</li> <li>• 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.</li> </ul> |

- **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. For a commission, therefore, only use stain from the same batch and wood from one trunk.**
- This technical data sheet also applies to Arova Aqua-Colora 11802 ff.

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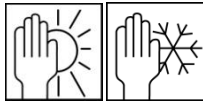
**Supplementary products**

ADLER PUR-Primer 25291  
ADLER Legnopur 26211 ff  
ADLER Aqua-Resist 30461 ff  
ADLER Pigmopur Weiß 24005  
ADLER Aqua-Cleaner 80080

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**OTHER INSTRUCTIONS**

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**Durability/storage**

At least 1 year in the original sealed containers.

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

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**Safety-related information**

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](http://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 respiratory mask (combination filter A2/P2 – EN 141/EN 143).

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