

## Aduro Vento

2660

Solvent-based 2-component polyurethane clear coat for **furniture and interior finishing** for **industrial and professional use**

### PRODUCT DESCRIPTION

#### General

Quick-drying, aromatic-free two-component polyurethane clear varnish for furniture based on acrylic resins. Very good mechanical and chemical resistance, high filling power, long pot-life, good wood accentuation as well as beautiful pore pattern. The product is characterized by a high resistance to yellowing and an optimal light protection for wood and stains on account of the UV filter. Can be applied "varnish on varnish". Suitable as a spray coating for pigmented surfaces.

#### Special properties and standards

- **ÖNORM A 1605-12** (furniture surfaces)  
Resistance to chemical reactions: 1-B1  
Response to abrasion: 2-D ( $\geq 50$  U)  
Response to scratches: 4-D ( $\geq 1.0$  N)  
Flame treatment: 5-B (hardly inflammable furniture surface)
- **DIN 68861** (furniture surfaces)  
Part 1: Response to chemical stress: 1 B  
Part 2: Response to abrasion: 2 D (over 50 up to 150 U)  
Part 4: Response to scratches: 4 D ( $> 1,0$  up to  $\leq 1,5$  N)
- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate:  
flame-retardant (formerly B 1 acc. to B 3800 -1), Q1, Tr 1
- **DIN 53160-1 and DIN 53160-2** perspiration and saliva-proof properties
- **ÖNORM EN 71-3** Safety of toys; migration of certain elements (free of heavy metals)
- **Coating of children's toys:** Aduro Vento complies with the conditions for "articles which can be placed in the mouth by children". (Federal Law Gazette (BGBl) 355: Plasticiser Ordinance, 18/09/06)
- **Food-grade coatings:** According to the confirmation of OFI Technologie & Innovation GmbH, Aduro Vento can be used for varnishing wooden objects which temporarily come into contact with food.
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



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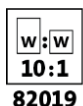
Our instructions for use are based on knowledge available currently and shall guide the buyer/user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability of the product. 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.

**Application areas**

- 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 areas II – IV in accordance with ÖNORM A 1610-12. For hardly inflammable or flame-retardant coating systems.
- Suitable for the coating of surfaces bleached with hydrogen peroxide.
- For the coating of children's toys and wooden objects that may occasionally come into contact with food.

**PROCESSING****Instructions for use**

- Please stir the product before use.
- Please observe our **ARL 131 - Working guidelines for PUR furniture paints.**

**Blending ratio**

10 parts by weight Aduro Vento 2660  
1 part by weight ADLER PUR-Härter 82019

Aduro Vento 2660 can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

**Pot life**

1 working day

Mixed material can be used one more working day, but must be mixed 1:1 with freshly hardened material.

A further extension of the pot life is not possible.

Increased temperatures reduce the pot life.

**Application technique**

0-10%



10-15% 80019

Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (ø mm)	0,28 - 0,33	0,28 - 0,33	1,8
Spraying pressure (bar)	100 - 120	80 - 100	2 - 3
Atomized air (bar)		1-2	
Thinner	ADLER DD-Verdünnung 80019		
Thinner amount added in %	0 - 10 %	0 - 10 %	10 - 15 %
Viscosity (sec.): 4-mm-cup, 20 °C	approx. 23	approx. 23	approx. 19
Application quantity per application (g/m <sup>2</sup> )	approx. 100 - 150 total quantity applied: up to max. 450		

The shape, the properties and moisture 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)



Sandable and recoatable	after approx. 2 hours
Manipulable and stackable	drying overnight

In order to improve the firmness of the subsequent coat, we recommend drying overnight at room temperature.

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.

**Cleaning the working equipment**

With ADLER DD-Verdünnung 80019 or  
ADLER Waschverdünnung 80077.

**SUBSTRATE****Type of substrate**

Hard and softwood (solid wood-, veneer-, (coated) chipboard-, wood fibre boards)

**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**

**Hardwoods:** wood sanding with grit size 150 - 180  
**Softwoods:** wood sanding with grit size 120 - 150

Thoroughly remove sanding dust, especially from the wood pores.

**COATING SYSTEM****Primer coat**

1 x Aduro Vento 2660

**Intermediate sanding**

Sand primed surface with grit size 280 - 320.

Avoid through sanding!

Remove sanding dust.

Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion.

**Topcoat**

1 x Aduro Vento 2660

**MAINTENANCE & RENOVATION****Cleaning and maintenance**

Cleaning with ADLER Clean Möbelreiniger 96490. Preservation with ADLER Clean-Möbelpflege Plus 7222000210.

Please observe the relative technical data sheets of the products.

**ORDERING INFORMATION****Size of trading unit**

4 kg; 20 kg

**Colour shades / degrees of gloss**

G10 Stumpfmatt	2995000110
G30 Matt	2766000130
G50 Halbmatt	2766000150

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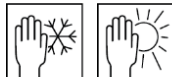
**Supplementary products**

ADLER PUR-Härter 82019  
ADLER DD-Verdünnung 80019  
ADLER Waschverdünnung 80077  
ADLER Clean Möbelreiniger 96490  
ADLER Clean Möbelpflege Plus 7222000210

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**FURHTER DETAILS**

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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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**Technical specifications**

Delivery viscosity	approx. 35 s in accordance with DIN 53211 (4-mm-cup, 20 °C)
Mixing viscosity	approx. 28 s in accordance with DIN 53211 (4-mm-cup, 20 °C)

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**Safety-relevant 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 the industrial and professional use

Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2).

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