

Aduro Vitea

2651000105

Solvent-based 2-component polyurethane matt lacquer for **furniture and interior finishing for industrial and professional use**

PRODUCT DESCRIPTION

General

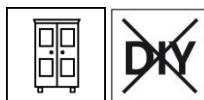
Fast drying 2-component polyurethane clear varnish based on acrylate resin to preserve the wood's natural look and feel. Very good chemical and mechanical resistance, fine matt effect and nice pore pattern.

Special properties and standards

- **ÖNORM A 1605-12** (furniture surfaces)
Resistance to chemical reactions: 1-B1
Response to abrasion: 2-D (≥ 50 U)
Response to scratches: 4-D (≥ 1.0 N)
- **DIN 68861** (furniture surfaces)
Part 1: Response to chemical stress: 1 B
Part 2: Response to abrasion: 2 D (over 50 to 150 U)
Part 4: Response to scratches: 4 D ($> 1,0$ bis $\leq 1,5$ N)
- **ÖNORM A 3800-1** (fire behavior) in conjunction with a flame-retardant substrate:
flame-retardant (formerly B 1 acc. to B 3800 -1), Q1, Tr 1
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



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.
- Not suitable for the coating of surfaces bleached with hydrogen peroxide.

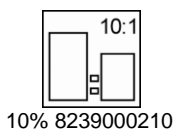
PROCESSING

Instructions for use



- Please stir the product before use.
- Aduro Vitea already contains an optimum amount of light stabilizers as protection against yellowing, no addition of the 90712 light stabilizing concentrate is allowed.
- Due to the dull matt surface effect and the correspondingly high matting agent content, the varnishing of dark or dark stained woods is not recommended.
- Please observe our "**Working guidelines for PUR furniture paints**".

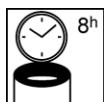
Mixing ratio



10 parts by weight of Aduro Vitea 2651000105
1 part by weight of ADLER PUR-Härter 8239000210

Aduro Vitea can only be used with the hardener ADLER Aqua-PUR-Härter 8239000210 and in the mixing ratio specified. Deviations lead to film and adhesion problems.

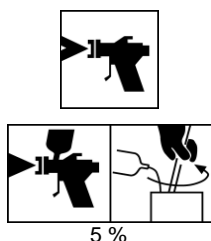
Pot life



8 hours

A pot life extension by mixing with freshly hardened paint material is not possible!

Application technique



Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spraying nozzle (\varnothing mm)	0.23 - 0.28	0.23 - 0.28	1.8
Spraying pressure (bar)	100 - 120	80 - 100	3 - 4
Atomising air (bar)	-	1 - 2	-
Dilution (thinning)	ADLER DD-Verdünnung 80019		
Thinner amount added in %	-	-	5
Viscosity (s) 4-mm-cup, 20°C	21	21	18
Application quantity (g/m ²)	approx. 100 - 130 per application; total quantity applied max. 250		

The product is ready to spray.

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.

For good thorough drying, the recommended application quantities must be adhered to. Excessive layer thicknesses lead to a considerable drying delay!

Drying times

(at 23 °C and 50 % rel. humidity)



Sandable and recoatable	after approx. 3 hours
Manipulable and stackable	drying overnight

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**

Hardwood and softwood (solid wood, veneered wood fibre materials)

Please observe our **“Working guidelines for coating different types of wood with 2K-PUR paints”**.

Substrate property (or condition)

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

COATING SYSTEM**Primer coat**

1 x Aduro Vitea 2651000105

Intermediate sanding

Sand primed surface with grit size 280 - 320.
Avoid sanding straight through!

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

Topcoat

1 x Aduro Vitea 2651000105

MAINTENANCE OF THE OVERALL STRUCTURE**Cleaning & 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 / degree of gloss

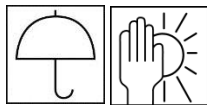
Farblos, naturmatt 2651000105

Supplementary products

ADLER PUR-Härter 8239000210
ADLER DD-Verdünnung 80019
ADLER Waschverdünnung 80077
ADLER Clean-Möbelreiniger 96490
ADLER Clean-Möbelpflege Plus 7222000210

FURTHER DETAILS

Durability/storage



At least 1 year in the original sealed containers.

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

Technical specifications

Delivery viscosity	approx. 22 s in accordance with DIN 53211 (4-mm cup, 20°C)
Mixing viscosity	approx. 21 s in accordance with DIN 53211 (4-mm cup, 20°C)

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.

The product is only suitable for 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 – EN 141/EN 143).