

Aduro Isofin

2652

Solvent-based 2-component polyurethane brightening coating for **furniture and interior finishing** for **industrial and professional use**

PRODUCT DESCRIPTION

General

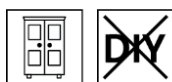
Quick-drying, aromatic-free two-component polyurethane clear varnish based on acrylic resins with brightening effect to preserve the appearance of sanded, untreated wood; preferably for light-coloured wood types such as maple, oak or spruce, also old wood. Good chemical and mechanical resistance, fine matt effect and nice pore pattern. Can be applied "varnish on varnish".

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)
- **DIN 53160-1 and DIN 53160-2** perspiration and saliva-proof properties
- **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
- **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 normal levels of stress, such as tabletops and shelves in the home, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas: application areas III – IV in accordance with ÖNORM A 1610-12.

PROCESSING

Instructions for use



- Please stir the product before use.
- Aduro Isofin already contains an optimum amount of light stabilizers as protection against yellowing, no further addition is permitted.
- Due to the strong brightening effect, the coating of dark or dark stained woods (e.g. wenge or rosewood) is not recommended.
- When used on surfaces bleached with hydrogen peroxide, Aduro Isofin must be hardened with 10 % ADLER PUR-Härter 82019. The brightening effect of the coating material is thus slightly reduced.
- Please observe our “**Working guidelines for PUR furniture paints**”.

Blending ratio



10% 8239 000210

10 parts Aduro Isofin 2652
1 part ADLER PUR-Härter 8239000210

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

Pot life

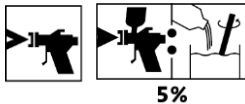


1 working day

A further extension of the pot life is not possible.

Increased temperatures reduce the pot life.

Application technique



5%

Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spraying 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 %	-	-	5
Viscosity (s) 4-mm-cup, 20°C	approx. 22	approx. 22	approx. 18
Application quantity per application (g/m ²)	approx. 80 - 120 per application; total quantity applied max. 250		

The shape and properties 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. 2 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**

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

COATING SYSTEM**Primer coat**

1 x Aduro Isofin 2652

Intermediate sanding

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

Intermediate sanding must be done immediately prior to applying the topcoat in order to ensure proper intermediate adhesion.

Topcoat

1 x Aduro Isofin 2652

CLEANING AND MAINTENANCE**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

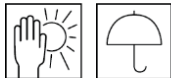
G5 Naturmatt	2652 000105
G10 Stumpfmatt	2652 000110
G30 Matt	2652 000130

Supplementary products

ADLER PUR-Härter 8239000210
 ADLER PUR-Härter 82019
 ADLER DD-Verdünnung 80019
 ADLER Waschverdünnung 80077
 ADLER Clean Möbelreiniger 96490
 ADLER Clean Möbelpflege Plus 7222000210

FURHTER 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. 24 s in accordance with DIN 5321 (4-mm-cup, 20 °C)

Mixing viscosity approx. 22 s in accordance with DIN 5321 (4-mm-cup, 20 °C)

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**.

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 breathing mask (combination filter A2/P2 – ÖNORM EN 14387 /EN 143).
