

ADLER Duopur-Base NQ

25271

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

PRODUCT DESCRIPTION

General

Fast drying two-component polyurethane primer based on polyester resins with very good filling power, good accentuation and good grindability.

Special properties and standards



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

Application areas



- Primer for full-bodied coatings for furniture and interior finishing.
- ADLER Duopur-Base NQ presents a slight self yellowing which may affect the appearance of light woods or light stains.
- Not suitable for the coating of surfaces bleached with hydrogen peroxide.

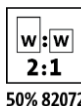
PROCESSING

Instructions for use



- Please stir the product before use.
- To obtain a yellowing protection for the coated wood please add 5 to max. 10% of ADLER Lichtschutzkonzentrat 90712 (light protection).
- For extremely full bodies, two spray coats with ADLER Duopur-Base NQ are required, whereby the first coat should not be too saturated.
- Please observe our "**Working guidelines for PUR furniture paints**".

Blending ratio



2 parts by weight of ADLER Duopur-Base NQ 25271
1 part by weight of ADLER Duopur-Härter 82072

ADLER Duopur-Base NQ 25271 can be used only with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Pot Life

approx. 4 hours



Increased temperatures reduce the pot life. A further extension of the pot life is not possible.

Application technique

10% 80060

Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Compressed air
Spray nozzle (ø mm)	0,28 - 0,33	0,28 - 0,33	1,8
Spraying pressure (bar)	100 - 120	100 - 120	2.0 - 3.0
Atomized air (bar)		1 - 2	
Thinner	ADLER Duopur-Verdünnung 80060		
Thinner added in %	0 - 5	0 - 5	10
Viscosity (sec.): 4-mm-cup, 20°C	approx. 30	approx. 30	approx. 18
Application quantity per application (g/m ²)	approx. 100 - 150 per application; total quantity applied max. 450 (three applications)		

Drying times

(at 23 °C and 50 % rel. humidity)



Sandable and recoatable	after approx. 4 hours
Stackable	after approx. 12 hours

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 substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Cleaning the working equipment

Clean with ADLER Duopur-Verdünnung (thinner) 80060 or ADLER Waschverdünnung (washing thinner) 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, and it must be free of grease and wax and free from wood dust.

Preparation of the substrate

Hardwoods: Wood sanding with grit size 150 - 180
Softwoods: Wood sanding with grit size 100 - 150

COATING SYSTEM

Primer 1 - 2 x ADLER Duopur-Base NQ 25271

Intermediate sanding



Sand primed surface with grit size 240 - 320.

Avoid sanding straight through!

Remove sanding dust.

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

During sanding use P2 dust filter.

Topcoat 1 x ADLER Duopur-Finish 25263 ff

CLEANING & MAINTENANCE

Cleaning and maintenance

Cleaning using ADLER Clean Möbelreiniger 96490 and 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; 200 kg poly drum

Supplementary products

ADLER Duopur-Härter 82072

ADLER Duopur-Verdünnung 80060

ADLER Lichtschutzkonzentrat 90712

ADLER Duopur-Finish 25263 ff

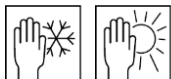
ADLER Waschverdünnung (washing thinner) 80077

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, frost and high temperatures (above 30 °C).

Technical specifications

Delivery viscosity approx. 31 s in accordance with DIN 53211 (4-mm-cup, 20 °C)

Mixing viscosity approx. 30 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.

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).