

ADLER Tiropur NG

25461 ff

Solvent-based 2-component polyurethane clear coat for **furniture and interior furnishing for industrial and commercial applications**

PRODUCT DESCRIPTION

General

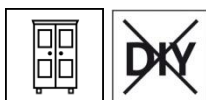
Fast-drying polyurethane coat for furniture surfaces. It has excellent mechanical and chemical resistance, good grain accentuation, good filling power and a beautiful pore pattern.

Special Properties Testing 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 (above 50 to 150 U)
Part 4: Response to scratches: 4 D (> 1.0 to ≤ 1.5 N)
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



Areas of application



- furniture and indoor surfaces exposed to high levels of stress, for hotel and school establishments, for kitchen furniture and sanitary ware: Application areas II – IV (ÖNORM A 1610-12)
- coating surfaces bleached with hydrogen peroxide

PROCESSING

Instructions for application



- Please stir the product before use.
- Please follow our "**Working guidelines for PUR paints / lacquers**".

10 parts by weight of ADLER Tiropur NG 25461 ff

04-12 ZKL 2548

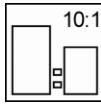
b.w.

ADLER-Werk Lackfabrik (Paints factory), A-6130 Schwaz
Tel.: 0043/5242/6922-301, Fax: 0043/5242/6922-309, E-mail: technical-support@adler-lacke.com

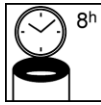
Our instructions for use are based on knowledge available currently and shall guide the purchaser / user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The purchaser / user decides about the acceptance and use of the delivered product at his / her own risk, which is why we recommend that a sample piece be prepared to check the acceptability 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.

Blending ratio

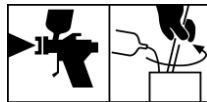
1 part by weight of ADLER PUR-Härter (Hardener) 82019



ADLER Tiropur can be used only with a hardener and in the blending ratio specified. Any deviations cause the film to be flawed.

Pot Life

1 day: the mixture can still be used for processing on the next day, but it must be mixed 1:1 with freshly hardened material; it is not possible to extend the pot life beyond this.

Application technique

10 %

Application method	Airless	Airless air-supported (Air mix, air coat, etc.)	Cup gun
Spray nozzle (ø mm)	0.23 – 0.28	0.23 – 0.28	1.8
Spraying pressure (bar)	100 - 120	100 – 120	3 - 4
Spraying air (bar)	-	1 – 2	-
Dilution (thinning)	ADLER DD-Verdünnung (Thinner) 80019 or ADLER PUR-Verdünnung (Thinner) 80029.		
Thinner amt. added in %	-	-	10
Viscosity (sec.) 4 mm cup, 20°C	25	25	18
Application quantity (gm/m ²)	approx. 100 – 150 per application; total quantity applied max. 450		

Drying times

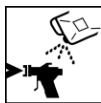
(at 23 °C and 50 % rel. humidity)



It can be sanded and recoated	after approx. 1 hour
It can be moved and stacked	Overnight

In order to improve the firmness of the subsequent coating, we recommend overnight drying 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 tools & equipment

Clean with ADLER DD-Verdünnung (Thinner) 80019 or ADLER Waschverdünnung (Washing thinner) 80077.

SUBSTRATE**Type of substrate**

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

Please follow our working guidelines "**Wood types for PUR paints / lacquers**".

Substrate property The substrate must be dry, clean and capable of holding the paint and it must be free of grease and wax and free from wood dust.

Preparation of the substrate **Hardwoods:** sanding using grain size 150 – 180
Softwoods: sanding using grain size 100 – 150
 Use dust filter P3 while sanding or grinding.

COATING SYSTEM

Primer coat 1 coat of ADLER Tiropur NG 25461 ff

Intermediate sanding Sand the primer-coated surface using grain size 240-320. Avoid through sanding at all costs! Remove the wood dust.



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

Use dust filter P2 while sanding or grinding.

Topcoat 1 coat of ADLER Tiropur NG 25461 ff

PRESERVATION

For cleaning, use ADLER Clean Möbelreiniger (Furniture cleaner) 96490 and preserve using ADLER Clean Möbelpflege (Furniture preservative) 96491.

Please observe and follow the data sheets of the respective products.

NOTES ON ORDERING

Container sizes 4 Kg and 20 Kg; other container sizes on request

Colour shades / Degree of gloss		
G10 Dull matt		25461
G30 Matt		25463
G50 Semi-matt		25465
G70 Silky matt		25467
G100 Glossy		25470

Supplementary products ADLER PUR-Härter (PUR-hardener) 82019
 ADLER DD-Verdünnung (Thinner) 80019
 ADLER PUR-Verdünnung (PUR-thinner) 80029
 ADLER Waschverdünnung (Washing thinner) 80077
 ADLER Clean Möbelreiniger (Furniture cleaner) 96490
 ADLER Clean Möbelpflege (Furniture preservative) 96491

OTHER INSTRUCTIONS

Storage stability / Storage At least 1 year in the original sealed containers.



Store it such that it is protected against moisture, direct sunlight and high temperatures (over 30°C).

Technical Specifications

Delivery viscosity	About 30 sec. in accordance with DIN 53211 mm. cup, 20°C)
Mixing or blending viscosity	About 25 sec. in accordance with DIN 53211 mm. cup, 20°C)

Safety-relevant information

Please follow the associated safety data sheet! The latest version can be retrieved from the Internet at **www.adler-lacke.com**.

In general, you must avoid inhaling paint aerosols. This is ensured by proper use of a breathing mask (combination filter A2/P2 – EN 141/EN 143).
