

Tiropur NG

2548

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

PRODUCT DESCRIPTION

General

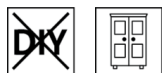
Quick-drying polyurethane clearcoat for furniture surfaces. Very good mechanical and chemical resistance, good grain accentuation, good filling power and beautiful pore pattern.

Special properties and standards



- **ÖNORM A 1605-12 (furniture surfaces)**
Confirmed by an external test certificate.
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 (> 50 to ≤ 150 U)
Part 4: Response to scratches: 4 D ($> 1,0$ to $\leq 1,5$ N)
- **French ordinance DEVL1104875A**
Marking of construction coating products for their emission of volatile pollutants: A+

Application area

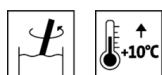


For coating heavily used surfaces in furniture and interior fittings, including kitchen and sanitary areas. Application areas II - IV according to ÖNORM A 1610-12.

Suitable for the coating of surfaces bleached with hydrogen peroxide.

PROCESSING

Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +10 C.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result.
- Please follow our **ARL 131 - Working guidelines for PUR furniture paints.**

Blending ratio



10 Part(s) by weight Tiropur NG (2548)
1 Part(s) by weight PUR-Hardener 8419 (8419000210)

Tiropur NG (2548) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Pot life



8 hour(s)

Mixed material from the previous day 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% 8519



10-15% 8519

	Airless	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun
Spraying nozzle Ø (mm)		0,23 - 0,28	1,8
Spraying pressure (bar)		100 - 120	2 - 3
Vaporizer Air (bar)	-	1 - 2	-
Diluent	DD-Verdünner (8519) / PUR-Verdünner (8529)		
Diluent amount added (%)		0 - 10	10 - 15
Viscosity 4-mm-cup (s)		25	18
Applied quantity per application (g/m²)	100 - 150		
Total quantity applied (g/m²)	max. 450		

Drying times

(at 23 °C and 50 % rel. humidity)



Sandable and recoatable	1 hour(s)
Manipulable and stackable	12 hour(s)

In order to improve the firmness of the subsequent coating, 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



8519



8501

With DD-Verdünner 8519 (8519) or Waschverdünner (8501) immediately after use.

SUBSTRATE

Type of substrate

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

Please follow our **ARL 130 - Working guidelines for coating various types of wood with solvent-based two-component PUR paints.**

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.

Substrate preparation

Hardwoods: Wood sanding Grit size 150 – 180

Softwoods: Wood sanding Grit size 100 – 150

Thoroughly remove sanding dust, especially from the wood pores.

COATING SYSTEM

Primer coat 1 x Tiropur NG (2548)

Intermediate sanding



Sand the 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!

Topcoat

1 x Tiropur NG (2548)

CLEANING AND MAINTENANCE

Cleaning and Maintenance

Cleaning with Clean-Möbelreiniger (7202) and care with Clean-Möbelpflege Plus (7222).

ORDERING INFORMATION

Size of trading unit

4 kg, 20 kg

More sizes on request.

Colour shades / Glosslevels

Tiropur NG G10 Stumpfmatt (25461)

Tiropur NG G30 Matt (25463)

Tiropur NG G50 Halbmatt (25465)

Tiropur NG G70 Seidenmatt (25467)

Supplementary products

Clean-Möbelpflege Plus (7222)

Clean-Möbelreiniger (7202)

DD-Verdünner 8519 (8519)

PUR-Hardener 8419 (8419)

PUR-Verdünner 8529 (8529)

Waschverdünner 8501 (8501)

Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage



Min. 2 year(s) 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: 33 – 37 seconds according to DIN 53211 (4 mm measuring cup, 20 °C)

Safety information



The product is only suitable for the industrial and professional use.

The inhalation of paint aerosols during spray application must generally be avoided. This is ensured by the proper use of a respirator (combination filter A2/P2).

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.