

## ADLER Aqua-Spritzlack NQ

30280 ff

Water-based, colourless, quick-drying multi-layer coat for **industrial and professional use**

### PRODUCT DESCRIPTION

#### General

Water-based one-component clear coating for wood. Quick drying. Can be processed "varnish-on-varnish"; excellent filling power, very good cream and grease resistance (CFB); good mechanical and chemical resistance; very good light fastness; excellent anti-blocking properties. Particularly suitable for paintwork where quick stackability is required due to the production process.

#### Special properties and standards

- **ÖNORM A 1605-12** (furniture surfaces):  
Resistance to chemical reactions: 1-C  
Response to abrasion: 2-D ( $\geq 50$  U)  
Response to scratches: 4-E (0.9 N)
- **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
- **DIN 53160-1 and 53160-2** perspiration and saliva-proof properties
- **ÖNORM EN 71-3** Safety of toys; migration of certain elements (free of heavy metals)
- **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 slight levels of stress, such as surfaces that are not always visible; application areas IV in accordance with ÖNORM A 1610-12.
- For industrial coffin varnishing.
- For painting wall and ceiling elements.
- For hardly inflammable or flame-retardant coating systems.

09-19 (supersedes 02-19) ZKL 3033

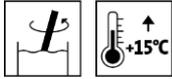
ADLER-Werk Lackfabrik, A-6130 Schwaz

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Our instructions for use are based on knowledge available currently and shall guide the buyer/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 buyer/user is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability of the product. Otherwise our General Terms of Sale apply. 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.

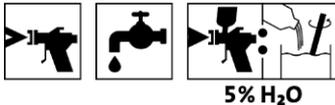
## PROCESSING

### Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +15 °C.
- Various types of wood such as **Oak, Larch**, etc. contain water-soluble substances, which become active when overcoating with water-based furniture varnishes. To prevent discolouration or marks (these can be more or less pronounced depending on the origin of the wood), when painting **oak, larch** and **other types of wood rich in active substances** we therefore recommend priming them first with ADLER PUR-Primer 25291. Alternatively, ADLER Aqua-Intense GL 30016 can be used as a primer for hardwoods.
- Please follow our **“Working guidelines for water-based furniture varnishes”**.
- Please observe the relative technical data sheets of the products.

### Application technique



Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (ø mm)	0.23 - 0.33	0.23 - 0.33	1.8 - 2.0
Spraying pressure (bar)	100 - 120	60 - 90	2 - 3
Atomized air (bar)	-	1 - 2	-
Thinner	water		
Thinner amount added in %	-	-	approx. 5
Application quantity per application (g/m <sup>2</sup> )	approx. 80 - 120; total quantity applied (primer and top coat) up to max. 450		

The shape, properties and moisture of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

### Drying times

(at 23 °C and 50 % rel. humidity)



Sandable and recoatable	after approx. 2 hours
Manipulable and stackable	after approx. 2–3 hours

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.

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

In order to improve the firmness of the subsequent coat, we recommend drying overnight at room temperature. In addition, this keeps the content of solvent residues in the paint film low.

**Cleaning the working equipment**

With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

**SUBSTRATE****Type of substrate**

Hard and softwood (solid wood)

**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:**

Sand with grit size 150 - 180 and clean.

**Softwoods:**

Sand with grit size 100 - 150 and clean.

**COATING SYSTEM****Primer coat**

1 x ADLER Aqua-Spritzlack NQ 30280 ff

**Intermediate sanding**

Grit size 240 - 320

Sanding straight through must be avoided, as this may lead to differences in the grain accentuation, which are further increased by yellowing with aging.

**Topcoat**

1 x ADLER Aqua-Spritzlack NQ 30280 ff

**CLEANING & MAINTENANCE****Cleaning and maintenance**

Cleaning with ADLER Clean Möbelreiniger 96490. Preservation of surfaces with degree of gloss G30 up to G100 with ADLER Clean-Möbelpflege Plus 7222000210 (furniture preservative). Excluded are especially polished shiny surfaces because of streak formation.

Please observe the relative technical data sheets of the products.

**ORDERING INFORMATION****Size of trading unit**

25 kg

**Colour shades / degrees of gloss**

G5 Naturmatt (natural matt)	30280
G10 Stumpfmatt (dull matt)	30281
G30 Matt	30283
G50 Halbmatt (semi matt)	30285
G70 Seidenmatt (satin matt)	30287
G90 Seidenglänzend (silky glossy)	30289
G100 Glänzend	30288

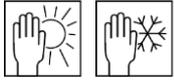
**Supplementary products**

ADLER Aqua-Intense GL 30016  
 ADLER PUR-Primer 25291  
 ADLER Aqua-Cleaner 80080  
 ADLER Clean-Möbelreiniger 96490  
 ADLER Clean-Möbelpflege Plus 7222000210

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**FURTHER DETAILS**

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**Durability / storage**

At least 9 months in the original sealed containers.

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

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**Technical specifications**

Delivery viscosity  $45 \pm 5$  s in accordance with DIN 53211 (6-mm-cup, 20 °C)

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**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](http://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).

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