

ADLER 1K-Gartenmöbellasur

53159 ff

Water-based wood glaze for garden furniture for professional and industrial use

PRODUCT DESCRIPTION

General

Water-based, non yellowing wood glaze. The product is characterized by excellent weather- and UV resistance, very good scratch resistance, high block resistance and good chemical resistance.

Special properties and standards



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

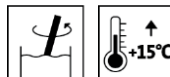
Application areas



- Garden furniture, loungers and chairs.
- For very high requirements on cream and grease resistance we recommend ADLER 2K-Gartenmöbellasur.

PROCESSING

Instructions for use



- Please stir the product before use. However, prevent entry of air while stirring.
- The temperature of the product and object, and the room temperature must be at least + 10 °C.
- The optimal conditions for use are between 10 – 25 °C with a relative atmospheric humidity between 40 – 80 %.

Application technique0–10% H₂O

Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Compressed air cup gun
Spray nozzle (ø mm)	0.28 – 0.33	0.28 – 0.33	2.2
Spray nozzle (ø inch)	0.011 – 0.013	0.011 – 0.013	
Spraying pressure (bar)	80 – 100	80 – 100	3 – 4
Atomized air (bar)	-	1 – 2	-
Dilution (thinning)	water		
Thinner amount added in %	-	-	0 – 10
Yield per application (g/m ²) ¹⁾	approx. 130 – 200		
Application quantity (g/m ²)	approx. 100 – 150		
¹⁾ Yield including addition of thinner and loss while spraying			

The shape, the 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 room temperature 20 °C)



12h

Dust-dry (ISO 1517)	after approx. 30 minutes
Tack-free	after approx. 5 hours
Dried through	after approx. 12 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.

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**

Fine pored and coarsely porous hardwoods, softwood.

Substrate property (or condition)

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.

Wood moisture

Dimensionally stable construction elements: 13 % +/- 2 %

Preparation of the substrate

Wood sanding grit size 120–150

The product should be applied at the shortest possible interval after grinding in order to avoid a reduction of adhesion.

COATING SYSTEM

Impregnation 1 x Aquawood Primo A3 - A6 5453000310 ff
 Intermediate drying: approx. 4 hours
 Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use.

Intermediate sanding Grit size 280



Finishing coat 2 x ADLER 1K-Gartenmöbellasur 53159 ff

MAINTENANCE AND RENOVATION

Maintenance and renovation The durability depends on several factors: these include particularly the type of weathering, constructional protection, mechanical stress and the choice of colour applied. To obtain long durability, preservation work is necessary in time. Therefore, we recommend annual maintenance.

Cleaning with ADLER Top-Cleaner 51696. Maintenance with ADLER Top-Care 7227000210 in the package ADLER Window Care-Set 7229000300.

Touching up minor flaws with the original material.

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit 25 kg

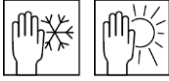
Colour shades / degrees of gloss	Fernblau	53159
	Hellbraun	53161
	Zeder	53162
	Nuss	53163
	Grün	53164
	Rot	53167
	Grau	53168

It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.

In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.

Supplementary products ADLER Aqua-Cleaner 80080
 ADLER Top-Cleaner 51696
 ADLER Top-Care 7227000210
 ADLER Window Care-Set 7229000300
 Aquawood Primo A3 - A6 5453000310 ff

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

VOC content

EU threshold for ADLER 1K-Gartenmöbellasur (cat. A/d): 130 g/l (2010). Aquawood 1K-Gartenmöbellasur contains a maximum of 90 g/l VOC.

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 the 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).
