

## 2K-Gartenmöbellasur

5302

Transparent two-component top coat for garden furniture for industrial and professional use

### PRODUCT DESCRIPTION

#### General

Water-based, matt, transparent two-component coating system with excellent weather and UV resistance. The product is characterised by very good high scratch resistance, high block resistance and high chemical resistance.

#### Special properties and standards



- **ÖNORM EN 71-3**  
Safety of toys; migration of certain elements (free of heavy metals)



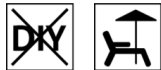
- **DIN 53160-1 and DIN 53160-2**  
Perspiration and saliva-proof properties



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

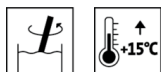
#### Application area

High quality garden furniture, loungers and chairs made of wood.



### PROCESSING

#### Processing instructions



- 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 + 15 °C.
- The optimal conditions for use are between 15 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- Do not close containers with hardened material.
- When changing from 2K-Gartenmöbellasur (5302) to other water-based paint systems, care must be taken to adequately clean the pipes and spray equipment, preferably with warm water.
- 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. Deviations lead to film and adhesion

problems as well as to impairments with regard to weathering and color stability.

### Blending ratio



100 Part(s) by weight 2K-Gartenmöbellasur (5302)  
7 Part(s) by weight Aqua-Hardener 8450 (8450000210)

2K-Gartenmöbellasur (5302) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Aqua-Hardener 8450 (8450000210) must be carefully worked into the product by stirring before processing.

After addition of hardener, a waiting time of approx. 10 minutes is recommended for improved degassing.

### Pot life

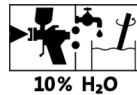
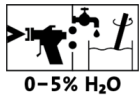


2 hour(s)

A further extension of the pot life is not possible.

Increased temperatures reduce the pot life.

### Application technique



	Airless	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun
Spraying nozzle Ø (mm)		0,28 - 0,33	2,2
Spray nozzle (Ø inch)		0,011 - 0,013	-
Spraying pressure (bar)		80 - 100	3 - 4
Vaporizer Air (bar)	-	1 - 2	-
Diluent	Water		
Diluent amount added (%)		0 - 5	10
Applied quantity per application (g/m <sup>2</sup> )	225 - 275		
Wet film (µm)	225 - 275		

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

### Drying times

(at 23 °C and 50 % rel. humidity)



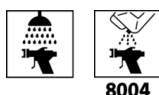
Dust-dry (ISO 1517)	approx. 30 minutes
Tack-free	approx. 5 hour(s)
Dried through	approx. 12 hour(s)

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.



Avoid direct sunlight!

### Cleaning the working equipment



With water immediately after use.

To remove dried paint residues we recommend using Aqua-Cleaner (8004) (diluted 1:1 with water).

SUBSTRATE	
Type of substrate	Wood in accordance with the guidelines for garden furniture construction
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.
Wood moisture	13 % ± 2 %
Substrate preparation	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 A1 (5451) - Aquawood Primo (5453) Intermediate drying time: approx. 4 hours Use wood preservatives safely. Always read the label and observe the respective technical data sheets of the products before use. Please follow our <b>ARL 056 - Working guideline for the use of wood preservatives.</b>
Intermediate sanding	Grit size 220 – 240 Remove sanding dust.
	
Finishing coat	1 x 2K-Gartenmöbellasur (5302)
MAINTENANCE	
Care	The durability depends on several factors: these include particularly the type of weathering, constructive protection, mechanical stress and the choice of colour applied. To obtain long durability, regular inspection, maintenance and, if necessary, repair measures are necessary. Annual cleaning with Top-Cleaner (7208) and maintenance with Top-Care (7227) in the package with Window Care-Set (7229). Touching up minor flaws with the original material.
ORDERING INFORMATION	
Size of trading unit	22 kg
Colour shades	<b>Base paint(s):</b> 2K-Gartenmöbellasur Basis W30 (5302000030) Colour shades can be obtained using the <b>ADLER colour mixing system ADLERMix.</b> The final colour is basically obtained from the inherent colour of the wood, the applied quantity, the colour of the impregnation and the colour of the finishing coat. In order to ensure uniformity of the colour shade, use only material with the same batch number on a given surface.
	

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.

Please observe our **ARL 800- Working guideline for working (including care and maintenance) with ADLER Mix, PUR Mix and Color4You dosing machines.**

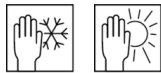
### Supplementary products

Aqua-Cleaner (8004)  
 Aqua-Hardener 8450 (8450)  
 Aquawood Primo A1 (5451)  
 Aquawood Primo A2 (5452)  
 Aquawood Primo (5453)  
 Top-Care (7227)  
 Top-Cleaner (7208)  
 Windoor Care-Set (7229)

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

## FURTHER DETAILS

### Durability / storage



Min. 1 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

VOC content of the ready-to-use mixture: EU limit for 2K-Gartenmöbellasur (Cat A/d): 130 g/l.  
 2K-Gartenmöbellasur contains maximum 50 g/l VOC.

### Safety information



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

When sanding, use at least a P2 dust filter as personal safety equipment to protect against abrasive and wood dust. In case of hardwood (especially for Beech, Oak) a dust filter P3 is recommended.

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](http://www.adler-lacke.com).