

# ADLER Goldlack

# 54810

**Water-based synthetic resin topcoat** for indoor and outdoor use for **DIY and professional use.**

## PRODUCT DESCRIPTION

### General

Waterproof, thixotropic, metallic silky gloss effect paint based on alkyd resins with rust protection, heat-resistant up to 150 °C.

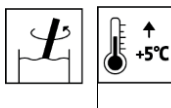
### Application areas



- For the coating of wood and metal for exterior and interior use.
- The product is not suitable for interior surfaces of furniture and cabinets due to possible odour nuisance.

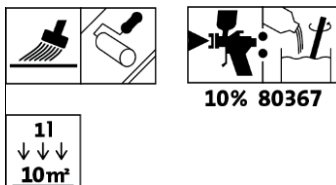
## PROCESSING

### Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +5 °C.
- The optimal conditions for use are between 15 – 25 °C with a relative atmospheric humidity between 40 – 80 %.
- **Spraying is only allowed in spray booths complying with the VOC Directive.**
- Please observe the relative technical data sheets of the products.

### Application technique



Application method	Brushing	Rolling	Cup gun
Spray nozzle (Ø mm)	-	-	1.8 - 2
Spraying pressure (bar)	-	-	3 - 4
Dilution (thinning)	-	-	KH-Spritz-Verdünnung 80367
Thinner amount added in %	-	-	10
Yield per application (m <sup>2</sup> /l) <sup>1)</sup>	approx. 10		approx. 10

<sup>1)</sup> 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 23 °C and 50 % rel. humidity)



Dust-dry	2 hours
Recoatable	8-10 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.

Avoid direct sunlight (very quick drying).

For good thorough drying, the recommended application quantities must be adhered to. Excessive layer thicknesses lead to a considerable drying delay!

**Cleaning the working equipment**

With ADLER KH-Spritzverdünnung 80367.

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

Wood, wooden materials, metal as well as hard PVC

**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.

Please observe and follow ÖNORM B 2230 Part 2.

See also VOB, Part C, DIN 18363, Paragraph 3; painting and coating work.

Any coatings that cannot be recoated must be removed thoroughly.

Please observe BFS data sheet no. 18.

**Wood moisture**

**Hardwoods:** 12 % +/- 2 %

**Softwoods:** 15 % +/- 2 %.

**Preparation of the substrate****Wood, wood-based materials**

Round off any sharp edges, remove wood extractives such as, for example, resins and pitch pockets.

**Iron and steel**

Remove rust down to bare metal.

Thoroughly remove greasy or oily impurities using ADLER Entfetter (degreaser) 80394.

**Zinc, aluminium and other non-ferrous metals**

Sand until matt with abrasive fleece and ADLER Entfetter 80394.

**Hard PVC and coatable plastics**

Sand until matt with abrasive fleece and ADLER Entfetter 80394.

**Old coatings**

Sand intact old coatings with grit size 120 and clean.

Please observe the relative technical data sheets of the products.

---

## COATING SYSTEM

---

<b>Impregnation</b>	If necessary outdoors, apply 1 coat of Pullex Impragnier-Grund 4436 (applies to timbers of durability class 3-5 according to EN 350) to protect against blue stain, fungal decay and insect infestation.
<b>Primer coat</b>	<p><b>Wood, wood-based materials</b> 1 x ADLER Alkyd-Grund 54063</p> <p><b>Iron and steel</b> Indoors: 1 x ADLER Metallgrund 54033 ff or ADLER Unigrund LM 54065 ff Outdoors: 2 x ADLER Metallgrund 54033 ff or ADLER Unigrund LM 54065 ff</p> <p><b>Zinc</b> 2 x ADLER Unigrund LM 54065 ff or ADLER 2K-Epoxi-Grund 68304</p> <p><b>Aluminium and other non-ferrous metals</b> 1 x ADLER Unigrund LM 54065 ff or ADLER 2K-Epoxi-Grund 68304. Sand anodised aluminium and stainless steel very well until matt and prime within 60 minutes with ADLER 2K-Epoxi-Grund 68304.</p> <p><b>Synthetic materials</b> 1 x ADLER Unigrund LM 54065 ff or ADLER 2K-Epoxi-Grund 68304. Due to the large number of plastic materials, an adhesion test is recommended.</p> <p><b>Old coatings</b> The compatibility of the coating must be checked on intact old coatings.  For powder coatings we generally recommend priming with ADLER 2K-Epoxi-Grund 68304. Make a sample and check adhesion. Please observe BFS data sheet no. 24.  Please observe the relative technical data sheets of the products.</p>
<b>Intermediate sanding</b>	Grit size 240 Remove sanding dust.
<b>Intermediate coat</b>	1 x ADLER Goldlack 54810 Intermediate drying: approx. 12 hours
<b>Finishing coat</b>	1 x ADLER Goldlack 54810



## 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.

If required, remove dust and dirt from the still intact areas and paint 1 - 2 x with ADLER Goldlack 54810.

## ORDERING INFORMATION

### Size of trading unit

125 ml, 375 ml;

### Colour shades / degrees of gloss

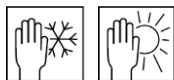
Gold 54810

### Supplementary products

ADLER KH-Spritzverdünnung 80367  
 ADLER Entfetter 80394  
 ADLER Metallgrund 54033 ff  
 Pullex Imprägnier-Grund 4436  
 ADLER Unigrund LM 54065 ff  
 ADLER 2K-Epoxi-Grund 68304

## FURTHER DETAILS

### Durability / storage



At least 5 years in the original sealed containers.

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

We recommend to transfer the contents of open containers to smaller ones in order to prevent gelling / skin formation.

### Technical specifications

VOC content EU threshold for ADLER Goldlack (cat. A/i): 500 g/l (2010). ADLER Goldlack contains a maximum of 460 g/l VOC.

### Safety-related information 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).

Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2).