

# ADLER Metallgrund

# 54033 ff

Solvent-based **anti-corrosive primer** for **DIY and professional use**

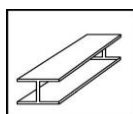
## PRODUCT DESCRIPTION

### General

Primer based on short oil alkyd resin with pigment containing no lead or zinc chromate for indoors and outdoors. Excellent anti-corrosive effect on iron and steel. Continuous temperature resistance 70 °C.

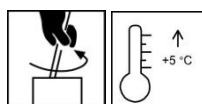
### Application areas

- Metal constructions and machines made of iron and steel



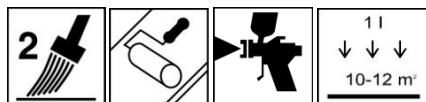
## PROCESSING

### 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 processing conditions are between 10 – 25 °C with a relative humidity of 40 – 80 %.
- Spraying is only allowed in spray booths complying with the VOC Directive.

### Application technique



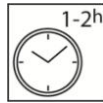
Application method	Brushing	Rolling	Cup gun
Spraying nozzle (Ø mm)	-	-	1.8 – 2
Spraying pressure (bar)	-	-	2 – 2.5
Dilution (thinning)	KH-Spritzverdünnung 80367		
Thinner amount added in %	undiluted		approx. 20 – 25
Viscosity 4 mm cup	approx. 20		
Yield per application (m²/l)	10 – 12		

### The product is ready for use.

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**

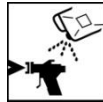
(room temperature 20 °C)



Dust-dry (ISO 1517)	after approx. 20 min.
Touch-proof	after approx. 45 min.
Recoatable	after approx. 1–2 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.

Avoid direct sunlight (very quick drying).

**Cleaning the working equipment**

With ADLER KH-Spritzverdünnung 80367 or  
ADLER Aceton-Waschmittel 95130.

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

Iron and steel

**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.

Please observe and follow ÖNORM B 2230 Part 3.

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

Any coatings that cannot be recoated must be removed thoroughly.

**Preparation of the substrate****Iron and steel**

Remove rust down to bare metal.

Thoroughly remove greasy or oily impurities using ADLER Entfetter 80394.

**In case of severe rust**

Brush or sand off rust. Paint adherent residual rust 1x fully with ADLER Ferrobloc 41108.

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

Sand until matt with grinding fleece and ADLER Entfetter 80394.

Prime first with ADLER 2K-Epoxi-Grund 68304 or with ADLER Ferrocolor 54111 ff.

**Old coats of paint**

Sand intact old coatings with grit size 120 and clean. Remove old coatings that cannot be recoated.

The compatibility of the paint must be tested on old coats of synthetic resin (risk of "lifting").

Please observe the respective technical data sheets of the products.

## COATING SYSTEM

### Primer coat

*Indoor area:* 1 x ADLER Metallgrund 54033 ff  
*Outdoor area:* 2 x ADLER Metallgrund 54033 ff

### Intermediate sanding

Grit size 240

Remove sanding dust.



### Intermediate and finishing coat

ADLER Metallgrund 54033 ff can be recoated with most common solvent-based intermediate and final coats. The following are particularly suitable:

ADLER SamtAlkyd  
 ADLER BrilliantAlkyd  
 ADLER Express-Maschinenlack

Recoating with 2K-PUR paints such as ADLER 2K-Acrylatlack and NC combination paints should be done within 2 days if possible in order to prevent lifting.

## ORDERING INFORMATION

### Size of trading unit

375 ml, 750 ml, 2.5 l, 18 kg, 35 kg

### Colours

Grau 54033  
 Rotbraun 54036  
 Weiß 54037

### Supplementary products

ADLER Entfetter 80394  
 ADLER Abbeizer Rote Krähe 95125  
 ADLER Ferrobloc 41108  
 ADLER KH-Spritzverdünnung 80367  
 ADLER SamtAlkyd 52351 ff  
 ADLER BrilliantAlkyd 52301 ff  
 ADLER Express Fahrzeuglack 52750 ff  
 ADLER 2K-Acrylatlack 69518  
 ADLER Ferrobloc 54111

## FURTHER DETAILS

### Durability / storage

At least 3 years 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 Metallgrund (Cat. A/h): 500 g/l (2010). ADLER Metallgrund contains a maximum of 420 g/l VOC.
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### Product code for paints and varnishes

M-GP01

### Safety-related information



Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at [www.adler-lacke.com](http://www.adler-lacke.com).

In general, you must avoid inhaling paint aerosols when spraying; this is ensured by proper use of a breathing mask (combination filter A2/P2 – EN 141/EN 143).