

## ADLER Ferrocolor

54111 ff

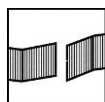
Decorative, rust-protecting primer and top coat for **DIY and professional use**

### PRODUCT DESCRIPTION

#### General

Decorative primer and top coat based on special synthetic resins, with very good corrosion protection; no additional primer necessary; rest rust compatible. Very good weathering resistance. Environmentally friendly due to a higher solid content and white spirits free of aromatic hydrocarbons as solvent.

#### Application areas

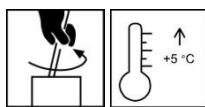


- For coating iron, steel, zinc and aluminium indoors and outdoors.
- We recommend ADLER Ferro GSX 54120 ff for sheet metal roofs and steel constructions with extreme weathering.

Please observe the relative technical data sheets of the products.

### PROCESSING

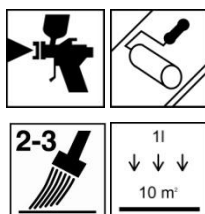
#### Instructions for use



**Spraying is only allowed in spray booths complying with the VOC Directive.**

- Please stir the product before use.
- Do not apply if temperatures are below 5 °C or higher than 30 °C and/or relative humidity > 80%.

#### Application technique



Application method	Brushing	Rolling	Cup gun
Spraying nozzle (Ø mm)	-	-	1.8 - 2
Spraying pressure (bar)	-	-	2 – 2.5
Dilution (thinning)	-	-	KH-Spritz-Verdünnung 80367
Thinner amount added in %	-	-	approx. 20
Yield per application (m <sup>2</sup> /l) <sup>1)</sup>	approx. 10		approx. 8

<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)



Recoatable

after approx. 24 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.

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**

Iron and steel, non-ferrous metals and hard PVC

**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 (degreaser) 80394.

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

Sand until matt with grinding fleece and ADLER Entfetter 80394.

**Hard PVC and coatable plastics**

Sand until matt with grinding fleece and ADLER Entfetter 80394.

**Old coatings**

Sand and clean intact old coatings. Remove old coatings that cannot be recoated.

Please observe the relative technical data sheets of the products.

**COATING SYSTEM****Primer coat****Iron and steel**

1 x ADLER Ferrocolor 54111 ff

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

1 x ADLER Ferrocolor 54111 ff

Sand anodised aluminium and stainless steel very well until matt and prime within 60 minutes with ADLER 2K-Epoxi-Grund 68304.

**Hard PVC and coatable plastics**

1 x ADLER Ferrocolor 54111 ff

Due to the high number of plastics, an adhesion test is recommended.

**Old coatings**

1 x ADLER Ferrocolor 54111 ff

The compatibility of the paint must be tested on 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.

**Intermediate sanding**

If necessary, sand primed surface with grit size 240. Remove the wood dust.

**Intermediate coat**

1 x ADLER Ferrocolor 54111 ff (only necessary for iron and steel outdoors)

**Final coat**

1 x ADLER Ferrocolor 54111 ff

**MAINTENANCE AND RENOVATION****Maintenance and renovation**

If required, remove dust and dirt from the still intact areas and paint once with ADLER Ferrocolor 54111 ff.

Sand and clean intact old coatings with grit size 120. Remove old coatings that cannot be recoated. Coating system like new paint.

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.

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

750 ml; 2,5 l; 10 l (only base W10 Weiß)

**Colour / degree of gloss**

Moosgrün RAL 6005 54116  
Tiefschwarz RAL 9005 54117

**Color4You**

Other colour shades can be obtained using the **ADLER colour mixing system Color4You**.

**Base paints:**

Weiß W10	54111	Basisgelb	54114
Base W20	54112	Basisrot	54115
Base W30	54113		

- In order to ensure uniformity of the colour shade, use only material having 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.
- White and shades derived from white tend to change the colour tone in artificial lighting. This appearance typical of synthetic resin paints can be reinforced by dark storage and ammonia-containing air.

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- Constrained by the system, lustrous and intensive colour shades have lower covering power under certain circumstances. Hence, it is recommended to apply a preliminary coat of a comparable, white-based pastel colour shade with these colour shades.
  - Please consume blended products within 3 months.
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**Supplementary products**

ADLER Entfetter 80394  
ADLER KH-Spritzverdünnung 80367  
ADLER 2K-Epoxi-Grund 68304

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**FURTHER DETAILS****Durability / Storage**

At least 3 years in the original sealed containers.

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

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**Technical specifications**

VOC content EU threshold for ADLER Ferrocolor (Cat. A/i): 500 g/l (2010). ADLER Ferrocolor contains a maximum of 470 g/l VOC.

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**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, inhaling paint aerosols must be avoided. This is ensured by correctly using a breathing mask (combination filter A2/P2 – EN 141/EN 143).

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