

ADLER Express-Maschinenlack

52750 ff

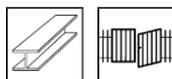
Glossy, solvent-based varnish for machinery for indoor and outdoor use, for DIY and professional use.

PRODUCT DESCRIPTION

General

Glossy, solvent-based synthetic resin spray coating. Good resistance to weathering and yellowing. The product is characterized by quick drying, good scratch-resistance, high covering power and filling power as well as optimal flow and good sag resistance.

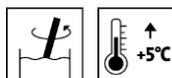
Application areas



- New and repaired coating of agricultural and industrial machinery.
- ADLER Express-Maschinenlack 52750 ff has limited resistance to fuels and solvents.

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 %.
- For higher mechanical and chemical resistance of the surfaces, add max. 15% ADLER Alkydharzturbo 8054000210 and adjust the desired viscosity with ADLER KH-Spritzverdünnung 80367.

Application technique



Application method	Cup gun
Spray nozzle (Ø mm)	1.8 – 2.0
Spraying pressure (bar)	2.0 – 2.5
Dilution (thinning)	KH-Spritz-Verdünnung 80367
Thinner amount added in %	25
Yield per application (m ² /l) ¹⁾	approx. 12 - 14
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 23 °C and 50 % rel. humidity)



Touch-proof

after approx. 3 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.

Drying can be considerably shortened by raising the temperature to max. 80 °C.

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.

To remove dried paint residues, we recommend using ADLER Abbeizer Express 8313000300.

SUBSTRATE**Type of substrate**

Iron and steel, non-ferrous metals, hard PVC and coatable plastics

Substrate property

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, etc. and free from 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.

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 abrasive fleece and ADLER Entfetter 80394.

Hard PVC and coatable plastics

Sand until matt with abrasive fleece and ADLER Entfetter 80394.

Old coatings

Sand with grit size 240 and clean. Remove old coatings that cannot be recoated. Coating system like new paint. 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.

	COATING SYSTEM
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Primer coat**Iron and steel**

Indoors: 1 x ADLER Metallgrund 54033 ff, ADLER Unigrund LM 54065 ff or ADLER 2K-Epoxi-Grund 68304

Outdoors: 2 x ADLER Metallgrund 54033 ff, ADLER Unigrund LM 54065 ff or ADLER 2K-Epoxi-Grund 68304

Zinc

2 x ADLER Unigrund LM 54065 ff or ADLER 2K-Epoxi-Grund 68304

Aluminium and other non-ferrous metals

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.

Synthetic materials

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.

Please observe the relative technical data sheets of the products.

Intermediate sanding

Grit size 240

Remove sanding dust.

Finishing coat

1 x ADLER Express-Maschinenlack 52750 ff

ORDERING INFORMATION

Size of trading unit

750 ml; 2.5 l

Colour shades / degrees of gloss

Weiß W10 52750

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

Color4You

Base paints:

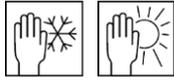
Y10 52 Gelb	52752
Y30 53 Orange	52753
R20 54 Rot	52754
R70 55 Rot	52755
Y40 59 Ocker	52759
G40 66 Grün	52766
B40 68 Blau	52768
73 Schwarz	52773
Weiß W20	52790

- 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.

Supplementary products

ADLER KH-Spritzverdünnung 80367
ADLER Metallgrund 54033 ff
ADLER Unigrund LM 54065 ff
ADLER Entfetter 80394
ADLER 2K-Epoxi-Grund 68304
ADLER Abbeizer Express 8313000300

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).

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

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**.

Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).
