

ADLER Varicolor

41201 ff

Universal matt primer coating and topcoat with primer effect for DIY and professional use

	PRODUCT DESCRIPTION			
General	Easy to use, water-based matt primer coating and topcoat for indoor and outdoor use with excellent all-round properties. Universa application on various substrates. The low-odour and environmentally friendly product is block-resistant and non-yellowing.			
	A finishing coat with rough glimmering texture can be achieved with the base E20. Glossy surfaces can be realized with the application of ADLER Varicolor 41220 Farblos glänzend (glossy colorless). Excellent weathering resistance and permanent elasticity. Excellent insulating effect against wood extracitives. Good anti-corrosion effect.			
Special properties and standards	Heat-resistant up to approx. 100 °C			
	 ÖNORM EN 71-3 Safety of toys; migration of certain elements (free of heavy metals) 			
	 DIN 53160-1 and 53160-2 perspiration and saliva-proof properties 			
	"Baubook"-compliant			
EMISSIONS DANS L'AIR INTÉRIEUR' AL A B C	 Cradle to Cradle Certified™ Silver 			
	 French ordinance DEVL1104875A regarding the marking of construction coating products for their emission of volatile pollutants: A+ 			
Application areas	Efficient coating on wood, metal, rigid PVC and intact old coatings for exterior and interior use.			
	We recommend using the E20 base on metal in case of extreme.			







- We recommend using the E20 base on metal in case of extreme weathering. Particularly suitable for wrought-iron works of art, such as lattices, fences or grave crosses.
- non-dimensionally stable timber components recommend Pullex Color 50530 or Pullex Aqua-Color 53331.
- We recommend ADLER Ferro GSX 54120 ff for sheet metal roofs and steel constructions with extreme weathering.
- Coat horizontal sheet metal outdoors with ADLER Ferrocolor 54111 ff or ADLER Ferro GSX 54120 ff.

Please observe the relative technical data sheets of the products.

02-19 (supersedes 08-16) ZKL 4117

p.t.o.

ADLER-Werk Lackfabrik, A-6130 Schwaz

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PROCESSING

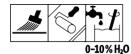
Instructions for use

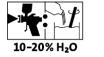




- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 10 °C.
- The optimal conditions for use are between 15 25 °C with a relative atmospheric humidity between 40 – 80 %.
- The flow of resin cannot be avoided based on the coating method.
- Use sealing profiles and adhesive covering tapes for waterbased paints.
- For application by brushing an acrylic brush is recommended. Rolling is done using a short-hair roller.

Application technique







Application method	Brushing	Rolling	Cup gun		
Spray nozzle (Ø mm)	-	-	1.8 – 2		
Spraying pressure (bar)	-	-	3 – 4		
Dilution (thinning)	water				
Thinner amount added in %	0 – 10		approx. 10 – 20		
Yield per application (m²/l) ¹⁾	approx. 8 – 10		approx. 8		
1) Yield including addition of thinner and loss while spraying					

The product is ready for use.

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. 6 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).

Cleaning the working equipment



With water immediately after use.

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

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 ONORM B 2230 Part 1 and 3.

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

Any coatings that cannot be recoated must be removed thoroughly.

Wood moisture

Hardwoods: 12 % +/- 2 % **Softwoods:** 15 % +/- 2 %.

Preparation of the substrate

Wood and wood-based materials

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

Wood sanding grit size 120-150

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 120 and clean. Remove old coatings that cannot be recoated.

Please observe the relative technical data sheets of the products.

COATING SYSTEM

Primer coat

Wood and wood-based materials

1 x ADLER Varicolor 41201 ff

If necessary, apply 1 coat of Pullex Aqua-Imprägnierung 51320 (applies to timbers of durability class 3-5 according to EN 350-2).) to protect against blue stain, fungal decay and insect infestation.

Iron and steel

Indoors: 1 x ADLER Varicolor 41201 ff

Outdoor area: Apply 1 saturated coat of ADLER Varicolor E20 41206 blended (optionally ADLER Aqua-Multiprimer PRO 41095 ff

can be used)

Zinc, aluminium and other non-ferrous metals

1 x ADLER Varicolor 41201 ff

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

Hard PVC and coatable plastics

1 x ADLER Varicolor 41201 ff

Due to the large number of plastic materials, an adhesion test is recommended.

	Old coatings 1 x ADLER Varicolor 41201 ff				
	The compatibility of the coating must be checked on intact old coatings.				
	For powder coatings we 2K-Epoxi-Grund 68304 Please observe BFS da				
	Please observe the relative technical data sheets of the products.				
Intermediate sanding	If necessary, sand primed surface with grit size 240. Remove sanding dust.				
Intermediate coat	1 x ADLER Varicolor 41201 ff (only necessary for iron and steel outdoors)				
Finishing coat	1 x ADLER Varicolor 41201 ff				
	MAINTENANCE & 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 once with ADLER Varicolor 41201 ff.				
	Sand and clean intact old coatings with grit size 120. Remove old coatings that cannot be recoated. Coating system like new paint. When renovating the outer surface of dimensionally stable wooden components (windows and front doors), the coating on the inside must be checked and, if necessary, coated in the same system.				
	ORDERING INFOR	MATION			
Size of trading unit	125 ml (only standard colour shades) 375 ml, 750 ml 2,5 l (for standard colour shades only RAL 6005 and RAL 9005) 10 l (only Weiß W10)				
Colour shades / degrees of	Standard colours:				
gloss	Glänzend Farblos Weiß W10 Rapsgelb RAL 1021 Verkehrsrot RAL 3020 Enzianblau RAL 5010 Moosgrün RAL 6005		Farblos matt Anthrazitgrau RAL Lichtgrau RAL 703 Nussbraun RAL 80 Cremeweiß RAL 9 Tiefschwarz RAL 9	35 41216 011 41217 001 41218	
Color4You	Other colour shades can be obtained using the ADLER colour mixing system Color4You.				
	Base paints:				
	Weiß W10 Base W20 Base W30	41201 41202 41203	Basisgelb Basisrot Base E20	41204 41205 41206	

- 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.
- 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, opaque white-based pastel colour shade with these colour shades.
- Please consume blended products within 3 months.

Supplementary products

Pullex Aqua-Imprägnierung 51320 ff (wood outdoors)

Pullex Color 50530 ff

Pullex Aqua-Color 53331 ff

ADLER Ferro GSX 54120 ff

ADLER Ferrocolor 54111 ff

ADLER Aqua-Multiprimer PRO 41095 ff (metal outdoors)

ADLER 2K-Epoxi-Grund 68304 (anodised aluminium and stainless steel)

ADLER Abbeizer Express 8313000300

ADLER Entfetter 80394

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 Varicolor (cat. A/i):

140 g/l (2010). ADLER Varicolor contains a maximum of 50 g/l VOC.

Safety-relevant 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.

Recycle only those containers whose residues have been emptied out. You may dispose of liquid material residues as water-based paint and varnish waste and dried-up material residues as cured paints or as household garbage.

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