

ADLER 2K-PU-Multilack Matt W10 Weiß 4526000010 ff

Pigmented, **matt coating system** for **industrial and professional use**

PRODUCT DESCRIPTION

General

Matt pigment varnish for indoor and outdoor use with excellent adhesion properties, excellent resistance to weathering and very good resistance to water and chemicals. Universal application on various substrates. Excellent insulating effect against wood extractions.

Special properties and standards



- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

Application areas



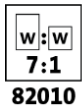
- Efficient coating on wood, metal, rigid PVC and intact old coatings for exterior and interior use.
- Dimensionally stable timber components such as wooden windows, front doors or garage doors.
- For non-dimensionally stable timber components we recommend Pullex Color 50530 or Pullex Aqua-Color 53331.
- Please observe the relative technical data sheets of the products.

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.
- Do not close containers with hardened material.

Blending ratio

7 parts by weight of ADLER 2K-PU-Multilack Matt W10 Weiß 4526000010 ff

1 part by weight of ADLER DD-Härter 82010

ADLER 2K-PU-Multilack Matt W10 Weiß 4526000010 ff can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

ADLER DD-Härter 82010 must be carefully worked into the paint components by stirring before processing.

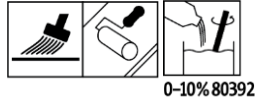
After addition of hardener, a waiting time of approx. 10 min is recommended for improved degassing.

Pot life

1 working day

A further extension of the pot life is not possible.

Increased temperatures reduce the pot life.

Application technique

Application method	Brushing	Rolling	Cup gun
Spray nozzle (Ø mm)	-	-	1.8 - 2
Spraying pressure (bar)	-	-	3 – 4
Thinner	ADLER PUR-Streichverdünnung 80392		ADLER DD-Verdünnung 80019
Thinner amount added in %	0 - 10		approx. 20
Yield per application (m ² /l) ¹⁾	approx. 8		approx. 8
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)



Recoatable	after approx. 6 hours
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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 ADLER PUR-Streichverdünnung immediately after use.

SUBSTRATE	
Type of substrate	Wood, wooden materials, metal as well as hard PVC
Substrate property	<p>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.</p> <p>Please observe and follow ÖNORM B 2230 Part 1 and 3.</p> <p>See also VOB, Part C, DIN 18363, Paragraph 3; painting and coating work.</p> <p>Any coatings that cannot be recoated must be removed thoroughly.</p>
Wood moisture	<p>Hardwoods: 12 % +/- 2 %</p> <p>Softwoods: 15 % +/- 2 %.</p>
Preparation of the substrate	<p>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</p> <p>Iron and steel Remove rust down to bare metal. Thoroughly remove greasy or oily impurities using ADLER Entfetter (degreaser) 80394.</p> <p>Zinc, aluminium and other non-ferrous metals Sand until matt with abrasive fleece and ADLER Entfetter 80394.</p> <p>Hard PVC and coatable plastics Sand until matt with abrasive fleece and ADLER Entfetter 80394.</p> <p>Tiles Sand until matt with abrasive fleece and ADLER Entfetter 80394.</p> <p>Old coatings Sand intact old coatings with grit size 120 and clean. Remove old coatings that cannot be recoated. Please observe the relative technical data sheets of the products.</p>
COATING SYSTEM	
Impregnation	<p>Wood and wood-based materials, outdoors If necessary, apply 1 coat of Pullex Imprägnier-Grund 4436000200 (applies to timbers of durability class 3-5 according to EN 350-2.) to protect against blue stain, fungal decay and insect infestation. Please observe the relative technical data sheets of the products.</p>
Primer	<p>Iron and steel, outdoors Primer application 1 – 2 x ADLER 2K-Epoxi-Grund.</p> <p>Zinc, aluminium and other non-ferrous metals, outdoors Primer application 1 – 2 x ADLER 2K-Epoxi-Grund.</p> <p>Anodised aluminium Sand anodised aluminium very well until matt and prime within 60 minutes with ADLER 2K-Epoxi-Grund 68304.</p> <p>Stainless steel Sand stainless steel very well until matt and prime within 60 minutes with ADLER 2K-Epoxi-Grund 68304.</p>

Powder coating

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.

Old coatings

No primer coating is required for intact old coatings, but the compatibility of the coating must be checked. Damaged areas in not intact old coats must be pre-treated according to the respective substrate. Coating system like new paint.

Please observe the relative technical data sheets of the products.

Intermediate sanding

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

Primer coat

1 x ADLER 2K-PU-Multilack Matt W10 Weiß 4526000010 ff

Intermediate sanding

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

If the drying time is longer than 24 hours, a prior sanding is necessary.

Finishing coat

1 x ADLER 2K-PU-Multilack Matt W10 Weiß 4526000010 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 2K-PU-Multilack Matt W10 Weiß 4526000010 ff.

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 INFORMATION**Size of trading unit**

1 kg; 4 kg

Colour shades / degrees of gloss

RAL 9016 Verkehrsweiß 4526009016

Colour shades can be obtained using the **ADLER colour mixing system SolvaMix**.

Base paints:

Matt W10 Weiß, tingeable	4526000010
Matt W20 base for tinting	4526000020
Matt W30 base for tinting	4526000030

- In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.

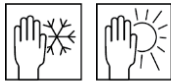
- It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.

Supplementary products

Pullex Imprägnier-Grund 4436000200
 Pullex Color 50530 ff
 Pullex Aqua-Color 53331 ff
 ADLER DD-Verdünnung 80019
 ADLER PUR-Streichverdünnung 80392
 ADLER 2K-Epoxi-Grund 68304
 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 2K-PU-Multilack Matt W10 Weiß (cat. A/j): 500 g/l (2010). ADLER 2K-PU-Multilack Matt W10 Weiß contains a maximum of 500 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.

The product is only suitable for industrial and professional use.

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