

## 5in1-Buntlack Matt

4132

Universal **matt primer and topcoat** with priming effect, for DIY and trade

### PRODUCT DESCRIPTION

#### General

Easy-to-use, water-based matt primer and topcoat for interior and exterior use with very good all-round properties. Universal application on a wide range of substrates. Stand-out features of this product include outstanding weathering resistance and permanent elasticity, effective insulation of active substances in the wood and a good rust protection effect. This low-odour, eco-friendly product is block-resistant, free from aromatic hydrocarbons and formaldehyde and non-yellowing.

#### Special properties and standards



- **ADLER green product**  
ADLER green products are objectively tested and certified according to three categories: Environment, Health & Safety, and Durability. Only products that score positively in all these areas are awarded the green sustainability label.
- **Colour fastness as per BFS data sheet no. 26**  
**Class A**  
**Group 1-3** (depending on colour)
- **ÖNORM EN 71-3**  
Safety of toys; migration of certain elements (free of heavy metals)
- **DIN 53160-1 and DIN 53160-2**  
Perspiration and saliva-proof properties
- **French ordinance DEVL1104875A**  
Marking of construction coating products for their emission of volatile pollutants: A+

#### Application area



Efficient coating on wood, metal, rigid PVC and intact old coatings for exterior and interior use.

For dimensionally stable timber components for exterior and interior use, such as e.g. wooden windows and front doors.

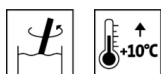
For wooden structural elements in outdoor areas that lack dimensional stability, we recommend using Pullex Holzfarbe (4451).

Not suitable for coating floor and roof surfaces.

For metal in outdoor areas, we recommend Ferro Rostschutz (4525).

## PROCESSING

### Processing instructions



- Please stir the product before use. However, prevent entry of air while stirring.
- 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 %.
- Resin flow cannot be avoided by the coating.
- Early exposure to water from rain or dew must be prevented!
- Use sealing profiles and masking tapes suitable for water-based paints.
- Use the right painting and rolling tools for water-based paints.
- Carefully cover and mask areas which are not to be coated.
- The color shade, compatibility and adhesion to the substrate must be checked by creating sample panels.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result. Deviations lead to film and adhesion problems as well as to impairments with regard to weathering and color stability.

### Application technique



	Brushing	Rolling
Applied quantity per application (ml/m²)	100 - 125	

The product is ready to use.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. 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 h
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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!

### Cleaning the working equipment



With water immediately after use.

To remove dried product residues we recommend using Abbeizer Express (8313).

## 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.

Remove old coatings that cannot be recoated.

### Wood moisture

**Hardwoods:** 12 ± 2 %

**Softwoods:** 15 ± 2 %

<b>Substrate preparation</b>	<p><b>Wood and wood-based materials:</b></p> <p>Break sharp edges and remove any wood extractives such as resins and resin galls.</p> <p>Wood sanding Grit size 120 - 150</p> <p><b>Iron and steel:</b></p> <p>Remove rust down to bare metal. Residual rust spots paint 1 x generously with Ferrobloc (4105). Thoroughly remove greasy or oily impurities using Entfetter (7233).</p> <p>Sand until matt with abrasive fleece and Entfetter (7233).</p> <p><b>Hard PVC and coatable plastics:</b></p> <p>Sand until matt with abrasive fleece and Entfetter (7233).</p> <p><b>Old coatings:</b></p> <p>Sand intact old coatings with grit size 120 and clean. Remove old coatings that cannot be recoated. The compatibility of the coating must be checked on intact old coatings.</p>
<b>COATING SYSTEM</b>	
<b>General</b>	<p>The following coating systems are exemplary.</p>
<b>Impregnation</b>	<p><b>Wood and wood-based materials in outdoors areas</b></p> <p>If necessary, impregnate outdoors once with Pullex Imprägnier-Grund (4436) (applies to timbers of durability class 3-5 according to EN 350) to protect against blue stain, fungal decay and insect infestation.</p> <p>Use wood preservatives safely. Always read the label and observe the respective technical data sheets of the products before use.</p> <p>Please follow our <b>ARL 056 - Working guideline for the use of wood preservatives.</b></p>
<b>Primer coat</b>	<p><b>Wood and wood-based materials, indoors:</b></p> <p>1 x 5in1-Buntlack Matt (4132)</p> <p><b>Iron and steel in interior settings:</b></p> <p>1 x 5in1-Buntlack Matt (4132)</p> <p><b>Zinc, aluminium and other non-ferrous metals:</b></p> <p>1 x 5in1-Buntlack Matt (4132)</p> <p><b>Hard PVC and coatable plastics:</b></p> <p>1 x 5in1-Buntlack Matt (4132)</p> <p>Due to the large number of plastic materials, an adhesion test is recommended.</p> <p><b>Old coatings:</b></p> <p>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.</p>
<b>Intermediate sanding</b>	<p>If necessary, grind the primed surface with grit size 240 – 280.</p> <p>Remove sanding dust.</p>
<b>Intermediate/finishing coat</b>	<p>1 – 2 x 5in1-Buntlack Matt (4132)</p>



## MAINTENANCE AND RENOVATION

### Maintenance and renovation

The durability depends on several factors: these include particularly the type of weathering, constructive protection, mechanical stress and the choice of colour applied. To obtain long durability, regular inspection, maintenance and, if necessary, repair measures are necessary.

If required, remove dust and dirt from the still intact areas and paint 1 – 2 x using 5in1-Buntlack Matt (4132).

When renovating the outer surface of dimensionally stable wooden construction elements (windows and front doors), the coating on the inside must be checked and, if necessary, coated with the same system.

## ORDERING INFORMATION

### Size of trading unit

125 ml, 375 ml, 750 ml, 2.5 l (selected colour shades)

### Colour shades / Glosslevels

#### Standard colour(s):

RAL1021 Rapsgeib (4132001021)  
RAL3020 Verkehrsrot (4132003020)  
RAL5010 Enzianblau (4132005010)  
RAL6005 Moosgrün (4132006005)  
RAL7016 Anthrazitgrau (4132007016)  
RAL7035 Lichtgrau (4132007035)  
RAL8011 Nussbraun (4132008011)  
RAL9001 Cremeweiß (4132009001)  
RAL9005 Tiefschwarz (4132009005)  
RAL9016 Verkehrsweiß (4132009016)

In order to ensure uniformity of the colour shade, use only material with 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

Abbeizer Express (8313)  
Entfetter (7233)  
Ferroblock (4105)  
Ferro Rostschutz (4525)  
Pullex Imprägnier-Grund (4436)  
Pullex Plus-Lasur (4415)

Please refer to the corresponding technical data sheets of the products.

## FURTHER DETAILS

### Durability / storage



Min. 3 year(s) in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

Close opened containers well and use up the content as soon as possible.

### Technical specifications

VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for 5in1-Buntlack Matt (Cat A/d): 130 g/l.  
5in1-Buntlack Matt contains a maximum of 60 g/l VOC.

### Giscode

BSW20

### Declaration of ingredients according to VdL-RL 01

acrylic dispersions / inorganic white and coloured pigments / organic pigments / mineral agents / anti-corrosion pigments / water / glycol ether / rheology additives / interface additives / neutralising agents / in-can preservation agents

Contains 1,2-benzisothiazol-3(2H)-one, reaction mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), benzotriazole derivatives (mixture)

May cause allergic reactions.

**Information for allergy sufferers under telephone no. +43 5242 6922-713.**

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## Safety information



The usual protective measures must also be observed when processing low-pollutant products.

During sanding use P2 / P3 dust filter.

If medical advice is needed, have the packaging or label ready.

If the product comes into contact with your eyes, rinse immediately with water.

It should be kept out of reach of children.

Ensure good ventilation during application and drying.

During work, do not eat, drink or smoke.

Do not allow to enter drains, water courses or soil.

Only dispose of empty containers for recycling, liquid material residues can be disposed of as water-based paint waste, dried material residues as hardened paint or as household waste.

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](http://www.adler-lacke.com)**.

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