

Colour technology

## Aqua Silk Matt Paint SMX 50

- > water-dilutable
- > weatherproof
- > quick drying



### Product description

Water-dilutable, silk-matt PU acrylic paint with excellent processing properties. Shock, scratch and impact-proof, very good flow, high degree of coverage. For indoor and outdoor matt coatings for high-quality topcoats on wood, metals, rigid PVC and mineral substrates (note substrate pre-treatment). Tintable in shade groups 1 - 4. Tintable in 171 RAL and over 40,000 other shades.

#### Delivery format

Container	Outer packaging	Pallet
2.5 L / BDO	4	128 BDO
0.75 L / BDO	6	504 BDO

#### Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 730 days

### Processing

#### Recommended tools

Roller, brush, airless sprayer.  
Clean the tools with water after use.

#### Processing

Processing takes place by painting, rolling or spraying. Normally 1-2 work steps are required.

### Technical data

Density	approx. 1.0 - 1.2 g/cm <sup>3</sup>
Colour	White, transparent base. Can be tinted via the Murexin MIX System.
Consumption	approx. 100 - 130 ml/m <sup>2</sup> per coat

## Colour technology

Drying time	after approx. 1 hr touch dry, after approx. 2 - 3 hrs. can be painted and sprayed over
Gloss level	satin finish
Pigment-based	tinting carried out via lightfast coloured pigments

## Substrate

### Suitable substrates

The substrate must be dry, frost-free, solid, weight-bearing, dimensionally stable, free of dust, dirt, oil, grease, release agents and loose parts, and it must comply with the applicable technical national and European directives, standards and "generally accepted rules of the trade".

Rust and loose paint residues on metallic substrates are properly removed before application.

Loose paint residues on wooden substrates are removed mechanically. Greyed and weathered wooden surfaces are pre-treated down to the weight-bearing wooden substrate.

## For a perfect system

### Description

Aqua Allgrund AV 35 as quick-drying universal primer with rust protection pigments for iron, steel, galvanised surfaces, aluminium, copper, hard PVC and wood.

## Product and processing instructions

### Material information:

- If processing outside the ideal temperature and/or humidity range the material properties could change markedly.
- Bring the materials to the proper temperature before processing!
- In order to maintain the product properties, do not add any foreign materials!
- Water dosing quantities or dilution information must be strictly adhered to!
- Carefully open the container, remove possible dry parts and shake the product well!
- Water-based systems have only a limited shelf life after dilution with water, which is why quick processing is recommended.
- We basically recommend carrying out an intermediate sanding between the individual applications.

### Environmental information:

- The ideal temperature range for the material, substrate and air is + 15 °C to + 25 °C.
- The ideal relative humidity range is 40% to 60%.
- Increased air humidity and/or lower temperatures may prolong the drying, setting and hardening time, while lower air humidity and/or higher temperatures will speed it up.
- Ensure adequate ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect against direct sunlight, wind and weather!
- Protect adjacent components!
- Do not process at temperatures below 5 °C.

### Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Please heed the product data sheets of all MUREXIN products used in the process.
- Keep a genuine original container of the respective batch for later repair work.
- In principle, use colourless, transparent paints in UV-protected areas only.
- Observe the odours caused by solvent-based systems.
- Check material compatibility with substrates containing plasticisers.
- Watch out for dark yellowing of alkyd-based systems.
- For dimensionally stable components, observe the block resistance of the coating.

The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

## Safety instructions

Limiting and monitoring exposure

Personal protective equipment:

General protection and hygiene measures:

- Common safety measures for handling chemicals are to be observed.
- Keep away from foodstuffs, beverages and feedstuffs.
- Take off contaminated, impregnated clothing immediately.
- Wash your hands before taking breaks and when finishing work.

Breathing protection: not required.

Hand protection: Not required.

Glove material

- The selection of a suitable glove depends not only on the material, but also on other quality properties, which may vary from manufacturer to manufacturer.

Penetration time of the glove material

- The precise penetration time is to be found out from the protective glove manufacturer and complied with.

Eye protection: Protective goggles recommended when decanting.

Body protection: Protective clothing.

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Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at [www.murexin.com](http://www.murexin.com).