

# AQUA ALLGRUND AV 35

- > for indoor and outdoor use
- > with active rust protection pigment
- > water-dilutable



## Product description

Water-dilutable universal primer for wood and metal, can be used indoors and outdoors. Suitable for the pre-treatment of wood and metal indoors and outdoors. Very good adhesion on zinc and galvanised metals. With active rust protection pigments.

### 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 tools after use with cellulose thinner (e.g. cellulose thinner Oxylin AF 200).

### Processing

Application is carried out with special acrylic brush and roller or spraying device. Shake paint well before use!

Spray with nozzle 1.5 - 1.8 mm; pressure 3.5 - 4 bar.

Prime iron 1 - 2 x with Aqua Allgrund AV 35.

Treat external bare wood 1x with wood impregnating primer HL 250.

Apply 1 - 2 x AV 35 as intermediate coat Then paint over with watery paints, such as Aqua paints.

## Technical data

Chemical base	water-dilutable acrylate
Colour	White; can be coloured via MIX16-/MIX24 colouring system
Consumption	approx. 100 - 130 ml/m <sup>2</sup> depending on the condition of the substrate
Dilution	Water, if required
Drying time	after approx. 1 hr touch dry, after approx. 3-4 hrs. can be painted and sprayer over. The drying time is increased for cooler weather.
Flashpoint	incombustible
Spec. weight	1,35 g/ml

## 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.

## 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!
- Check tinted products for colour accuracy before application!
- Colour consistency can only be guaranteed within the same batch.
- The colour formation is significantly impacted by the environmental conditions.

### Environmental information:

- Do not process at temperatures below +5 °C!
- 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!

### 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.

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: breathing protection at high concentrations.

Hand protection: protective gloves.

Glove material

- Nitrile rubber

- 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: tightly sealed protective goggles.

Body protection: protective clothing.

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.

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).