

# Aqua ULTRA Primer

## Inside and outside

### Premium adhesion primer with the special advantage of excellent isolation

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#### General description

Type of material: Water-based adhesion primer based on cationic acrylate dispersion

Applications: Adhesion-promoting primary coating with isolating effect for further coatings on wood (dimensionally stable, dimensionally stable to a limited degree), wood-based materials, MDF, OSB, gypsum plaster, gypsum boards (can also be used on large surfaces as an insulating wallpaper primer), zinc, aluminium, non-ferrous metals, stainless steel, copper, as well as old acrylic/alkyd resin-based paintwork. Rigid PVC\*, anodised aluminium\*, glass and ceramic surfaces\*, earthenware/tiles\*, powder coating\* and polyamides\*.

Iron and steel can be coated with products from our metal protection range.

Blocks penetration by nicotine residues, wax, tar, smoke, soot and grease stains, as well as dried water stains. Mould stains that are still visible after professional treatment can also be isolated.

**Note:**

Do not use alkaline cleaners when pre-cleaning absorbent substrates!

\*Please note the instructions for substrate preparation

Product properties: Extreme adhesion on a wide variety of different substrates. Suitable for large areas. Water-based, low-tension, offers very high yield and excellent isolating effect on many critical substrates.

Shade: White  
Light and medium colours can be mixed using the Jansen MIX System



Packaging sizes: 750 ml, 2,5 l

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**Technical data**

Binder base:	Cationic dispersion
Pigment base	Titanium dioxide
Density:	approx. 1.270 g/cm <sup>3</sup>
Gloss:	Matte
Applications:	Inside and outside
Viscosity:	slightly thixotropic
Thinner:	Slightly, with water. Excessive use reduces the insulating effect.
Application temperature:	The substrate and ambient temperatures must be between +7°C and +30°C.
Drying:	(23°C, 60% rel. humidity) Dust-dry: approx. 30 minutes Touch-dry approx. 90 minutes Ready for overcoating after 5-6 hours Air humidity in excess of 80% extends drying times considerably. It is important to ensure that evaporating water leaves the room as quickly as possible. Coatings that remain damp for too long can continue to draw substances from the substrate.
Yield:	8 - 12 m <sup>2</sup> /l per coating, depending on substrate
GISCODE for coating materials:	BSW20

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**Method of application**

Substrate preparation The substrate must be stable, dry, clean and free of non-adhesive media (oil, grease, wax).  
**Generally speaking, do not clean absorbent substrates with alkaline cleaners.**

## Substrate preparation

**Why? The insulating effect is based on a low pH value, which means that an alkaline cleaner with a high pH value is harmful to the insulating effect and the binder.**

Remove protruding wood fibres from raw wood by sanding lightly (180-220 grain size). Maximum wood moisture content 12%.

Prime exterior raw wood with Jansen Wood Protection Primer/Wood primer, if necessary. (Refer to the Technical Data Sheet)

Maximum wood moisture content 18%.

Pretreat chipboard and OSB boards in the same way as raw wood.

Test the adhesive strength of old coatings by taking a cross-cut and chip sample

(VOB (German Construction Contract Procedures), Part C, DIN 18363). Clean intact old coatings carefully (do not pre-clean with an alkaline solution) and sand lightly to a matt finish with a sanding pad. Completely remove damaged and peeling old coatings.

Coat ferrous metals such as nails and screws with products from our metal protection range to protect against rust.

Fill in damaged areas of less than 1 mm with Jansen Fine Filler Rapid. Fill in damaged areas larger than 1 mm with Jansen 2K-PE Fine Filler SR

Sand non-ferrous metals thoroughly with Jansen metal cleaner and a fleece sponge. Then rinse thoroughly with water.

Sand copper thoroughly with Jansen metal cleaner and a fleece sponge. Then rinse thoroughly with water.

Clean zinc surfaces thoroughly with Jansen metal cleaner and a fleece sponge. Allow the generated foam to remain for a few minutes, then rinse off thoroughly with clean water.

Vigorously roughen aluminium. Completely remove layers of oxide and corrosion. Then prime within 6 hours.

Sand anodised aluminium thoroughly with Jansen metal cleaner and a fleece sponge, and then wash thoroughly with water. A trial coating is essential here. Cross-cut test earliest after 1 week.

Sand powder coatings thoroughly with Jansen metal cleaner and a fleece sponge, and wash thoroughly with water. A trial coating is essential here. Cross-cut test earliest after 1 week.

Because of their diversity, rigid plastics must be checked for compatibility. To do this, sand with sanding paper with a grain size between 220 and 280, and carry out a test coating. Perform a cross-cut test after 48 hours.

First prime gypsum plaster and plasterboard with a commercially available deep primer.

Clean glass and sand to a matt finish.

Substrate preparation	<p><u>Ceramics, earthenware, tiles:</u> Clean <u>tiles (not in the water splash area)</u> thoroughly with warm water and a sanding pad. A trial coating is essential here. Perform a cross-cut test after 48 hours Fill in damaged areas of less than 1 mm with Jansen Fine Filler Rapid. Fill in damaged areas larger than 1 mm with Jansen 2K-PE Fine Filler SR <b>Carry out any filling work before the primary coating.</b></p>
Paintwork structure	<p>Jansen Aqua Ultra Primer is supplied ready for use and may be diluted with max. 10% water, depending on application. As an adhesion-promoting primer, Jansen Aqua Ultra Primer should be applied generously 1 – 2 times. As an isolating primer, Jansen Aqua Ultra Primer should be applied with 2 generous coatings.  <b>Apply a trial coating before actual application.</b></p> <p>Ensure that the preparation of substrates and the application of the paint conform to current standards. For more information in this respect, please see the BFS [German Federal Commission for protection of paint and material assets] data sheets and VOB [German Construction Contract Procedures], Part C, DIN 18363, Painting and Coating.</p>
Final coating:	Jansen Aqua Ultra Primer may be coated with any alkyd resin- or acrylate-based Jansen product.
Forms of application	<p><u>Brushing:</u> Use a brush with artificial bristles for brushing, such as a Wistoba Krex or Mesko M7 or M10. <u>Rolling:</u> Use short pile Aqua Felt rollers <u>Spraying:</u> dilute with up to 10% water.</p>
Forms of application:	<p>Spray equipment and hose lines must be flushed thoroughly before and after use, as cationic binders can form clogging if they come into contact with other types of binder. <b>Please use Jansen spray device cleaner.</b></p>



Type	Added water	Material pressure (quantity)	Pneumatic pressure (quantity)	Nozzle	Spray gun ID
XVLP	10 %	6 - 8	12	S.4.1	yellow
Aircoat	5 %	200 bar	2 bar	11/40	///
Airless	5 %	230 bar	///	410	///

Spray gun filter: Yellow (100 mesh)

Forms of application:



Type	Added water	Material pressure (quantity)	Air pressure (volume)	Nozzle
Easymax WP II	0 %	10	///	309
Aircoat	0 %	140 bar	1 bar	309
Aircoat	0 %	140 bar	1 bar	310
Aircoat	0 %	140 bar	1 bar	412
Airless	0 %	220 bar	///	412

Spray gun filter: 100 mesh  
Check filter every 4 hours of use

Type	Added water	Material pressure (quantity)	Pneumatic pressure	Nozzle
High pressure	5 %	///	3 - 5 bar	1.8 - 2.0 mm
Fine coating	5 %	///	0.48 bar	1.8 mm

The above tables were compiled under controlled conditions. Larger areas may require nozzles with bigger bores and/or wider spraying angles. This must be tested on the object itself.

Cleaning your tools: Immediately if possible, with water. Clean intermittently if used for longer or with more breaks. Do not allow paint to dry.

Storage: Keep in a cool, dry place protected from frost. Seal opened containers well and briefly turn upside down.

VOC value: EU threshold value for this product (Cat. A/g): 30 g/l VOC  
This product contains no more than 30 g/l VOC.

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**Marking** Please see our updated Safety Data Sheet available at  
[www.jansen.de](http://www.jansen.de)

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This technical information has been compiled based on current technological standards. However, we can provide no guarantee for the general validity of individual recommendations since actual application and processing are not under our control and the variable nature of substrates mean that specific technical and practical factors will determine appropriate methods of application in each case. These recommendations do not absolve the customer from their responsibility to test the supplier's products for suitability for the intended use. The "General Delivery and Payment Conditions of the Paint Industry" as per recommendation approved by the Federal Cartel Office on 1 January 2018 apply. The release of this data sheet invalidates all previous data sheets for this product.

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