

Aqua Isolier- und Haftgrund

Aqua Insulating and Adhesive Primer Exterior and interior Premium insulating and adhesive primer

General Description

Type of material:	Fast-drying primer with excellent insulating and adhesive properties.
Range of uses:	For priming of absorbent substrates such as wood, gypsum, wallpaper, styrofoam, glass-fibre fabric and old dispersion coatings. Adhesion promoter for non-ferrous metals, glass, old coatings on acrylate and alkyd resin base, hard PVC and tiles (not in areas subject to splashing water). Not to be used outdoors on surfaces exposed to the weather such as pergolas, fences, benches etc. and, after drying, to be immediately reworked. Can also be used inside as colourless coating with Jansen's patina finish, but by applying only a thin coating with the spray method.
Product properties:	Water-based, low odour, with excellent insulating results on many critical substrates. Excellent adhesion also on difficult substrates. High covering power, high degree of whiteness. Insulates wood extractives of coniferous, leaf and tropical woods. Blocks bleeding of nicotine residue, wax, tar, smoke, carbon black and grease stains as well as dried water spots. Substrates should not be precleanded using alkaline media.
Colour shade:	White and Colourless
Packaging sizes:	375 ml, 750 ml, 2,5 l

Technical Data

Binder base:	cationic dispersion
Density:	ca. 1,460 g/cm ³ (white), ca. 1,030 g/cm ³ (colourless)
Degree of gloss:	silk-gloss
Tinting colours:	May be tinted to max. 2% tinting concentrate, the addition reducing the insulating effect and increasing the viscosity. When coating PU-reinforced systems (e.g. floor paints), they must not be tinted.

Viscosity:	white: slightly thixotropic colourless: Ca. 20 sec. DIN 4 mm at 20 °C
Thinner:	small quantity of water. Generous addition reduces the insulating effect
Processing temperature:	substrate and ambient temperatures may not fall below +7 °C or exceed 30 °C.
Drying:	(23 °C 60 % rel. air humidity) dust-dry: ca. 30 minutes touch-dry: ca. 90 minutes Recoat after ca. 90 minutes with dispersion paints, after 2 – 3 hours with alkyd resin and acrylic paints
Spreading rate:	ca. 10 – 12 m ² /l per coat, depending on substrate
GISCODE:	BSW20

Method of processing

Substrate preparation:	<p>The substrate must be portable, dry, clean and free of separating substances (oil, grease, wax). In case of water spots or efflorescence, the spots have to be thoroughly brushed off.</p> <p><u>Rough wood and wooden composites</u> vertical wooden fibres to be removed by slight sanding (grain size 180-220). <u>Laminated decor panels</u> to be washed off, if necessary, with warm water with the addition of a low quantity of detergent (no lyes) and to be carefully sanded after drying. <u>Old coatings</u> to be checked regarding adhesive strength by means of cross-cut and knife test (VOB, part C, DIN 18363). Intact old coatings to be carefully sanded and cleaned. Damaged and flaky coatings to be completely removed. <u>Ferrous metal</u> such as nails and screws to be pre-primed as an anti-corrosive with Jansen Rust Primer.</p>
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Non-ferrous metals to be cleaned and carefully sanded. See the appropriate technical data sheets of the German Federal Committee for Paints and the Protection of Objects (BFS Data Sheets).

Zinc to be cleaned with a wetting agent foam wash and carefully sanded. See German Federal Committee for Paints and the Protection of Objects Data Sheet No. 5 (BFS Merkblatt Nr. 5).

Glass to be cleaned and sanded to a matt finish.

Hard PVC to be cleaned with Jansen SR-Plus and sanded with grain size 240 - 280. See German Federal Committee for Paints and the Protection of Objects Data Sheet No. 22 (BFS Merkblatt Nr. 22).

Tiles (not in areas subject to splashing water) to be thoroughly cleaned. Damaged areas below 1 mm in depth to be filled with Jansen Fine Filler Rapid. Damaged areas above 1 mm in depth to be filled with Jansen 2-Component PE Fine Filler SR.

Filling work to be carried out before the priming.

The preparation of the substrate and painting must be scientifically and technically state of the art. Please also take note of the current BFS data sheets and the VOB (German Construction Contract Procedures), Part C, DIN 18363 Painting and Coating work.

Coating build-up:

The Jansen Insulating and Adhesive Primer is supplied ready for use and, depending on application, can be diluted with max. 10% water. Rough wood 2 coats. 1st coat can be diluted with max. 3 % water. 2nd coat to be applied undiluted.

All other applications 1-2 coats to be applied undiluted.

Jansen's patina finish only a splash and only a very thin layer.

A trial coating should be carried out before application**Final coating:**

Jansen Insulating and Adhesive Primer can be reworked with all Jansen products based on alkyd resin and acrylate.

Methods of application:

brush: for painting use brush with synthetic bristles

roller: for rolling use short-pile mohair roller.

spray: dilute with max. 10 % water



Type	Water addition	Material pressure (-quantity)	Air pressure (-quantity)	Nozzle	Pistol identification
XVLP	5-10%	8 - 9	100%	S.4.1	yellow
Aircoat	5%	200 bar	2 bar	411	///
Airless	5%	230 bar	///	410	///

Pistol filter: white (50 mesh)



Type	Water addition	Material pressure (-quantity)	Air pressure (-quantity)	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

Pistol filter: 100 mesh

Check filter every 4 working hours

Type	Water addition	Material pressure (-quantity)	Air pressure	Nozzle
High pressure	5%	///	3 - 5 bar	1,8 - 2,0 mm
Fine coat	5%	///	0,48 bar	1,8 mm

The aforementioned tables are the result of technical laboratory conditions. On larger surfaces, it may be expected that nozzles with larger bores and/or wider angles of spray are to be applied. Trials must be carried out on the appropriate object.

Cleaning your tools:

Use water idf possible (not alkaline cleaners). If used over a longer period and with breaks in work, to be periodically cleansed. Do not permit coat-ing to dry on the tools.

To cleanse dried material, Jansen SR-Plus is ideally suited (cleaning agent out of a spray can)

Storage:	cool, dry and frost-free. Re-seal Opened packagingwell and briefly turn upside down.
VOC-Value:	Threshold value (Cat.A/d): 30g/l VOC This product contains max. 30g/l VOC

Identification Marking: Please take note of our updated Safety Data Sheet available on the Internet at www.jansen.de

The technical information was compiled in accordance with the latest state of the art. An obligation for the general validity of the individual recommendations cannot, however, be accepted as the application and processing methods do not lie within our influence and the varying states of the substrates each require a decision as to the method of working suitable for workman and trade. The recommendations do not release the customer from the task of accepting responsibility for checking the products of the supplier company as to their suitability for the foreseen use. Applicable are the "General Terms and Conditions of Delivery and Payment in the Paint Industry" in the recommendation approved by the Federal Cartel Office (Bundeskartellamt) on 1. January 2018. On publication of this data sheet, all previous data sheets for this product become invalid.

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