


ISO-Venti Xtrem

Interior and exterior Water-dilutable primer and top coat

General description

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|-------------------|---|
| Material type: | Water-based, diffusible paint |
| Area of use: | Good-coverage single-component system for new coats and renovation coats on wooden, plastic and aluminium windows and doors, for dimensionally stable and reasonably dimensionally stable wooden components and zinc surfaces. When used on rigid PVC, aluminium and zinc, no separate bonding agent is required. |
| Product features: | Diffusible, low water absorption, materials with wood content are isolated, excellent adhesion, good flow, good edge coverage, block-resistant, water-based, creates an impressive surface. |
| Colours: | White  MIX |
| Package sizes: | 750 ml, 2.5 l |

Technical data

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|----------------------|--|
| Binder base: | Cationic acrylate |
| Density: | Approx. 1.180 - 1.265 g/cm ³ depending on colour shade |
| Gloss level: | Semi-matt after drying |
| Tinting colours: | Tintable up to max. 2% with commercially available tinting concentrates or via the Jansen MIX system |
| Viscosity: | Slightly thixotropic |
| Diluent: | Slightly with water. Apply undiluted to maintain the isolating effect. |
| Working temperature: | Over +7 °C for object and ambient air. Max. 25 C. |

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| Drying: | (23°C 60% relative humidity) Dust-dry: After approx. 1 hour Can be painted over after approx. 6 hours Fully cured: After approx. 2-3 days The values can vary greatly depending on temperature and humidity. |
| Coverage: | Approx. 120 ml/m ² per coat Determine exact consumption by trial coating. |
| GISCODE for coating materials: | BSW20 |

Description of use

Substrate preparation: The substrate must be structurally sound, dry, clean and free from separating substances (oil, grease, wax).
Bare exterior wood: Particularly in the area of windows and exterior doors made of wood, BFS data sheet no. 18 must be fully observed - pre-treat with Jansen Wood Primer WV (see Technical Data Sheet). Prime with one coat of Jansen Wood Primer WV when applying to bare wood and also where the old coat that is no longer structurally sound has been sanded down to the bare wood.
Also suitable for the inside of windows and exterior doors.
Bare interior wood: Without wood preservative primer, paint on directly.
Sand old weathered wood down to sound light wood and pre-treat in accordance with the type of wood.
Clean the surface of structurally sound old coatings of all environmental influences, and then sand.
NOTE: Apply undiluted to maintain the isolating effect. Do not use an alkaline cleaner for wet pre-cleaning. Use warm water and a small amount of washing-up liquid.
A minimum dry film thickness of 50 µ must be ensured. This layer thickness is obtained by applying approx. 200 ml/m² of the undiluted material twice.
Degrease zinc substrates by washing with ammoniacal wetting agent (see BFS data sheet no. 5). Remove whitish corrosion products completely.
The prescribed wetting agent wash can also be carried out with our Jansen Metal Cleaner (see Technical Data Sheet). Remove whitish corrosion products completely.

Substrate preparation:

NOTE: Wash the cleaned surfaces well with clean water.

Sand hard PVC with 240 - 280 grit and clean.

NOTE: Film-coated windows cannot be painted. White plastic windows may only be painted with light pastel shades (thermal loading). If darker shades are to be used, check beforehand whether the plastic windows have a metal core. This can be tested with a strong magnet.

Untreated aluminium: Thoroughly remove whitish corrosion residues with an abrasive pad and Jansen Metal Cleaner. Wash the cleaned surfaces well with clean water.

For anodised aluminium, it is imperative to apply a test coat. Carry out a cross-cut test after 24 hours.

Apply a test coat before use.**If the final coating is applied with several containers, ensure batch uniformity.**

The preparation of the substrate and the execution of the painting work must correspond to the current state of science and technology. Please also refer to the current BFS data sheets and VOB, Part C, DIN 18363 Painting and varnishing work.

Paint structure:

Jansen ISO-Venti Xtrem is supplied ready to apply and can be diluted with max. 10% water, depending on the application.

Apply undiluted to maintain the isolating effect.

For new coats, apply 2 - 3 full coats.

For subsequent renovation, apply 1 - 2 saturated coats.

If old coats have been removed down to the bare wood, a coat build-up as per first-coating should be chosen.

Type of application:

Brush: Use a brush with plastic bristles.

Roller: Short pile roller, microfibre, e.g. Aqua Felt roller

Spraying information

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| Type | Addition of water | Material pressure (quantity) | Air pressure (quantity) | Nozzle | Pistol identification |
|---------|-------------------|------------------------------|-------------------------|--------|-----------------------|
| XVLP | 10% | 6 - 7 | 12 | S.4.1 | Yellow |
| Aircoat | 0% | 160 bar | 1.5 bar | 11/40 | /// |
| Airless | 0-5% | 210 bar | /// | 410 | /// |

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| Type | Addition of water | Material pressure (quantity) | Air pressure (quantity) | Nozzle |
|---------------|-------------------|------------------------------|-------------------------|--------|
| Easymax WP II | 0% | 10 | /// | 309 |
| Aircoat | 0% | 140 bar | 1 bar | 310 |
| Airless | 0% | 120 bar | /// | 308 |

Gun filter: 100 mesh
Filter check every 4 working hours

| Type | Addition of water | Material pressure (quantity) | Air pressure | Nozzle |
|---------------|-------------------|------------------------------|--------------|--------------|
| High pressure | 10% | /// | 3 - 4 bar | 1.3 - 1.5 mm |
| Fine coat | 10% | /// | 0.48 bar | 1.8 mm |

Important: Avoid high humidity, as the insulating effect suffers. Always ensure good ventilation or, when spraying, take a short break every hour and cross-ventilate briefly to remove the moist air from the room.

The aforementioned tables were created under test centre conditions. On larger surfaces, you should expect to use nozzles with larger holes and/or wider spray angles. This must be tried out on the object.

Clean spray equipment carefully, rinse with plenty of water, as a cationic dispersion is not compatible with other water-based acrylic paints and forms lumps. For a better rinsing effect, a small amount of Jansen Sprayer Cleaner (see Technical Data Sheet) can be added to the cleaning water.

Cleaning the tools:

Immediately with water if possible. Clean intermittently in the case of prolonged use and breaks in work. Do not allow the paint to dry.

Storage:

Cool, dry and frost-free. Close the opened container tightly and store upside down.

VOC value: EU limit value for this product (Cat. A/d): 140 g/l VOC (2010).
This product contains max. 30 g/l VOC.

Labelling Please refer to our current safety data sheet on the Internet at
www.jansen.de

The technical information has been compiled in accordance with the current state of science and technology. However, the individual recommendations cannot be considered to be binding as application and processing methods are beyond our control and the different nature of the substrates requires working methods to be tailored accordingly from a professional and craftsmanship perspective. The recommendations do not release the customer from the obligation to test the supplier's products for their suitability for the intended use under their own responsibility. The "General Terms and Conditions of Delivery and Payment of the Paint Industry" in the recommendation approved by the Federal Cartel Office on 01 January 2018 shall apply. With the publication of this data sheet, all previous data sheets for this product lose their validity.

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