

ISO painter's undercoat lacquer

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Iso-Malervorlack

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Interior**White, highly filling, excellent adhesion to old coatings**

General description

Type of material:	Modified alkyd resin-based water-dilutable priming lacquer
Applications:	May be painted over with ISO-TLR door lacquer Rapid, filling intermediate coating on wood and primed metal.
Product properties:	Highly filling; will combined with ISO-TLR door lacquer Rapid isolate wood-based materials, water-based stains and water-dilutable dyes comprising old veneer adhesives. Perfect flow, quick drying, excellent adhesion to old coatings, water-dilutable. With PU alkyd resin technology for demanding coatings, minimal odour.
Shades:	White
Packaging sizes:	Brushing quality: 750 ml, 2.5 litres Airless quality: 2.5 and 5 litres

Technical data

Binder base:	PU alkyd resin, water-emulsified
Density:	Brushing quality: ca. 1.490 g/m ³ Airless quality: ca. 1.482 g/m ³
Degree of gloss:	Matt
Tinting:	Tintable using up to 5% commercial tinting concentrates
Viscosity:	Brushing quality: slightly thixotropic
Thinner:	May be diluted with up to 10% water. Adding water will reduce the isolating effect.
Application temperature:	Substrate and ambient temperature must be between +7°C and +30°C.
Drying:	23° C, 60% relative humidity
	Dust-dry: 30 minutes
	Sandable: 7 hours
	May be painted over: 5 hours

Spreading rate:	ca. 8 m ² /l per coat, depending on substrate
GISCODE:	BSW30

Method of application

Substrate preparation:	<p>The substrate must be stable, dry, clean and with no separating substances (oil, grease, wax).</p> <p><u>Interior wood</u> - Restore flaws < 1 mm with Jansen Fine Filler Rapid and flaws > 1 mm with Jansen Ultra-RS. Use Jansen Ahrweilit Filler for closing surface pores or for full surface filling.</p> <p>Prime <u>ferrous metals</u> for rust protection.</p> <p>Prime <u>non-ferrous metals</u> with Jansen Acrylic Multiprimer or Jansen Universal Multiprimer. <u>Sound old coatings</u> should generally not be sanded away but only roughened. Old veneer glues often contain water-dilutable dyes. These can only be isolated with 1 to 2 base coats and 1 to 2 Jansen ISO-TLR final coats.</p> <p><u>Cracked and flaking old coatings</u> must be removed completely.</p> <p>Wash <u>hard plastic</u> such as Formica, Bakelite, hard PVC etc. with Jansen SR-Plus (cleaner in a spray can) (test etching effects on trial surface). Provided the cleaner is compatible with the plastic, clean the entire surface by washing and then roughen with emery paper (280 to 320 grit).</p> <p><u>Plastic laminated wood look</u>: These types of surfaces can only be prepared for adhesion using a 2-component epoxy primer (Jansen Multiprimer GH 20). A trial coating must be applied and the bonding tested the next day by scratching.</p> <p>Ensure that the preparation of substrates and the coating itself are state of the art. Please in this respect also note the BFS [<i>German Federal Commission for protection of paint and material assets</i>] datasheets and the VOB [<i>German Construction Contract Procedures</i>], Part C, DIN 18363, Painting and Coating.</p>
Coating structure:	<p>ISO painter's undercoat lacquer is adjusted to brushing consistency and may be diluted with up to 10% water, depending on application. The isolating effect will be reduced as more water is added.</p> <p><u>Interior wood</u> after full surface filling, 1 liberal coating. On raw wood – 2 liberal coatings.</p> <p><u>Iron and non-ferrous metals</u> - 1 to 2 coatings.</p> <p><u>Sound old coatings</u> - 1 to 2 coatings.</p> <p>Apply a trial coat before actual application.</p>
Final coating:	<p>Jansen ISO painter's undercoat lacquer may be coated over with any alkyd resin and acrylate-based Jansen product.</p> <p>For optimal isolating effect, apply Jansen ISO-TLR door lacquer Rapid or Airless as a final coat.</p>

Types of application:

Brushing: Use brush with plastic bristles for painting

Rolling: Use short pile mohair roller for rolling

Spraying: dilute with up to 10% water

Adding water will reduce the isolating effect.

Airless: The product is optimally adjusted for application.

Information on spraying



Tempspray 60°C

Type	Added water	Material pressure (quantity)	Pneumatic pressure (quantity)	Nozzle	Spray gun ID
XVLP	10%	7-9	12	S.4.1	yellow
Aircoat	10%	200 bar	2 bar	411	///
Airless	0%	180 bar	///	410	///
Airless	0%	80 bar	///	410	///

Spray gun filter: yellow (100 mesh)

Airless

Type	Added water	Material pressure (quantity)	Pneumatic pressure (quantity)	Nozzle	Spray gun ID
XVLP	10%	7-9	12	S.4.1	yellow
Aircoat	10%	200 bar	2 bar	411	///
Airless	0%	180 bar	///	410	///

ISO painter's undercoat lacquer + Airless



Type	Added water	Material pressure (qty)	Pneumatic pressure (qty)	Nozzle
Easymax WP II	0%	10	///	309
Aircoat	0%	120 bar	///	310
Airless	0%	220 bar	///	310

Spray gun filter: (100 mesh)

Check filter every 4 hours

Type	Added water	Material pressure (qty)	Pneumatic pressure	Nozzle
High pressure	10%	///	3 -5 bar	1.8 -2.0 mm
Fine coating	10%	///	0.48 bar	1.8 mm

Important: Avoid high humidity - this will reduce the isolating effect. Always ensure good ventilation or, when spraying, take a short break every hour to cross-ventilate in order to expel moist air from the room.

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. Meticulously clean spraying equipment with abundant water, since cationic dispersion is not compatible with other water-based, acrylate-based coating materials and may thus clot. Add a small amount of Jansen Metallon Additive S to the cleaning water for better rinsing effect.

Cleaning your tools:	With soap and water, immediately after use. Clean intermittently if used for longer or with more breaks. Do not allow paint to dry. To clean already dry material, use Jansen SR-plus (cleaner in a spray can).
Storage:	Cool, dry and protected from frost. Seal opened container well and turn upside down.
VOC value:	EU limit for this product (Cat. A/d): 130 g/l VOC (2010). This product contains max. 100 g/l VOC.

Marking

Please see our current Safety Datasheet on the Internet at <http://www.jansen.de> / www.jansen-lacke.at

The technical information has been compiled based on state-of-the-art technology. No liability will, however, be accepted for the general validity of individual recommendations, since actual application and processing are not under our control and also since the variable nature of substrates would require a specific method of application for each case, considering specific technical and practical aspects. These recommendations will not absolve the customer from his responsibility to test the supplier's products for suitability for his intended use. The "General Delivery and Payment Conditions of the Paint Industry" as per recommendation approved by the Federal Cartel Office on 11 July 2003, shall be applicable. The publication of this datasheet shall render all previous datasheets for this product invalid.

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