

ISO-TLR door lacquer Rapid

ISO-TLR Türenlack Rapid

Interior

Premium white lacquer (Jansen MIX), acryl-based

General description

Type of material:	Water-based, quick drying isolating white and coloured lacquer
Applications:	On new substrates and on old coatings, wood (any interior wood and wood-based materials), doors and zinc sheet surfaces, hard PVC and Formica surfaces without additional primer.
Product properties:	Excellent, immediately recognisable flow, and very good also with thin layers. Highly scratch/abrasion resistant, DIN EN-71-3 (2019) compliant and resistant against many commercial domestic cleaning agents. DIN 53160 compliant test certificate available, resistant to saliva and sweat. Long open time: Dust-dry in one hour (at 23° C and 60% relative humidity). Isolates wood component. Isolates water-soluble dyes in old veneer adhesives, in combination with ISO painter's undercoat lacquer. Blocks penetration of wax, tar, smoke, soot and grease stains, isolates nicotine residues and dried water stains. Highly resistant to caking, 2 coatings per day possible, no yellowing. Excellent coverage, stable gloss, very good edge cover and substrate adhesion.

Shades: White ca. RAL 9016



Packaging sizes: Brushing quality: 750 ml, 2.5 litres

Technical data

Binder base:	Special acrylate dispersion
Density:	Brushing quality: ca. 1.27 g/cm ³
Degree of gloss:	semi gloss, matt
Tinting:	Tintable up to 2% using commercial tinting concentrates or via the Jansen MIX system.
Viscosity:	Brushing quality: slightly drip-inhibited, ready to brush and roll on
Thinner:	water

Application temperature:	Over + 5°C of objects and ambient air.
Drying:	(23°C, max. 60% rel. humidity)
	Dust-dry: After 1 hour
	May be painted over: ca. 4 - 6 hours
	Full stress capacity: after ca. 2 - 3 days
	The figures may vary considerably, depending on temperature and humidity.
Spreading rate:	ca. 10-12 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 untreated wood</u> – prime with 1 coat of Jansen ISO painter's undercoat lacquer, undiluted. Level uneven areas with Jansen Fine Filler Rapid and apply 1 coat of Jansen ISO painter's undercoat lacquer.</p> <p><u>Iron</u> – thoroughly derust, clean and prime with 2 coats of Jansen Rust primer.</p> <p><u>Zinc</u> – clean with ammoniac surfactant wash and prime with 1 coat of Jansen ISO-TLR, undiluted.</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 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>
Substrate preparation:	<p>Check <u>old coatings</u> for adhesion by means of cross-cut and pull-off test (VOB [German Construction Contract Procedures], Part C, DIN 18363). Thoroughly clean and roughen sound old coatings. Wash off surface grease or nicotine using warm water and a small amount of rinsing agent. Do not use alkaline cleaning agents. Completely remove damaged and peeling old coatings. Sound old coatings should generally not be sanded away but only roughened. Old veneer glues often contain water-dilutable dyes. They can only be isolated with 1 to 2 base coats of Jansen ISO painter's undercoat lacquer.</p>

Coating structure:

Jansen ISO-TLR is adjusted to brushing consistency and may be diluted with up to 10% water, depending on application. Apply undiluted for brushing or rolling. Depending on application, apply two to three coats of Jansen ISO-TLR; primed surfaces only require 1 to 2 coats. Always ensure good ventilation to keep humidity low.

Apply a trial coat before actual application.

If several containers are used to apply the final coat, ensure batch uniformity.

Special notes

Old door gaskets in most cases are not compatible with acrylic varnishes (of any kind). In the event of contact, plasticisers move into the paint and make it sticky. In any case, the sealing rubbers should be checked by a specialist and replaced, if necessary.

Types of application:

Brushing: Use a brush with plastic bristles for painting

Rolling: Use a micropore roller.

Spraying: Dilute with up to 10% water, max. wet film thickness 200 µ.



Type	Added water	Material pressure (qty)	Pneumatic pressure (qty)	Nozzle	Spray gun ID
XVLP	10%	6-7	12	S.4.1	yellow
Aircoat	0%	160 bar	1.5 bar	11/40	///
Airless	0-5%	210 bar	///	410	///



Type	Added water	Material pressure (qty)	Pneumatic pressure (qty)	Nozzle
Easymax WP II	0%	10	///	309
Aircoat	0%	140 bar	1 bar	310
Airless	0%	220 bar	///	410

Spray gun filter: (100 mesh)

Check filter every 4 hours

Type	Added water	Material pressure (qty)	Pneumatic pressure	Nozzle
High pressure	10%	///	3-4 bar	1.3 – 1.5 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 Cleaner for spraying devices to the cleaning water for better rinsing effect.

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:	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. 75 g/l VOC.

Marking Please see our current Safety Datasheet on the Internet at www.jansen.de

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 01. January 2018, shall be applicable. The publication of this Datasheet shall render all previous datasheets for this product invalid.

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