


ISO-TPL Treppen- und Parkettlack

ISO-TPL Stair and Parquet Lacquer

Interior**Water-based premium colour and clear lacquer on acrylate base**

General description

Type of material:	Water-based, fast-drying, robust, insulating 1-component lacquer in semi-matt and matt.
Applications:	For new and renovation coating of stairs as well as parquet and wooden floors (floorboards, OSB, MDF and multi-layer boards) in living areas with normal wear and tear, for interior wooden components such as shelves, tables, furniture and railings. For solid wood and wood-based materials.
Product properties:	One-pot system (primer, intermediate and finishing coat), no insulating primer required. Excellent fluidity, odourless, quick-drying (two coats possible in one day), excellent surface finish, colourless variant emphasises the wood grain (enhances the contrast of the wood), highly abrasion-resistant, high durability, high yield, good water resistance, good cleaning resistance. Emission-tested according to the AgBB scheme. Coating resistant to saliva and sweat simulant according to DIN 53 160, part 1 and 2. Tested according to EN 71 part 3. Safety of children's toys. Slip resistance class R11 is an option by adding Additive R. Blocks the penetration of wood ingredients.
Shades:	Colourless White, similar to RAL 9016 
Packaging sizes:	750 ml, 2.5 l

Technical data

Binder base:	Special acrylate dispersion
Density:	White: approx. 1.260 g/cm ³ Colourless: approx. 1.050 g/cm ³
Gloss:	Semi-matt, matt

Tinting:	Via the Jansen MIX system in the desired colour or tintable to max. 2% with commercially available tinting concentrates.	
Viscosity:	Colourless: approx. 45 sec. DIN 6 mm at 20 °C White: approx. 90 sec. DIN 6 mm at 20 °C	
Thinner:	Water. Adding water will reduce the insulating effect.	
Application temperature:	Over +5 °C for object and ambient air. Max. 25 °C. The coating material should have adapted to the indoor climate in terms of temperature.	
Drying:	23 °C, max. 60% rel. humidity	
	Dust-dry:	1 hour
	May be painted over:	after 3 - 4 hours If an insulating effect is required, only after 6 - 8 hours.
	Full stress capacity:	after 3 days
	The values may vary considerably, depending on temperature and humidity.	
Yield:	Normal application rate: approx. 120 ml/m ² Best flow at approx. 150 ml/m ² Final coat with slip resistance approx. 100 ml/m ²	
GISCODE for coating materials:	BSW30	

Method of application

Substrate preparation:	<p>The substrate must be stable, dry, clean and free of non-adhesive media (oil, grease, wax). 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). Important!!! Very old coatings may still consist of DD lacquer. Such old coatings cannot be recoated with any 1-component system. In this case, the old coating should be completely removed. 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, as otherwise a colour difference may become visible. Cracks in the wood or gaps between two parquet strips should not simply be filled with lacquer.</p>
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The lacquer will dry milky if applied excessively. In this case, a mixture of wood flour and lacquer should be used to fill the gaps. Gaps between two wooden planks must not be closed. This can cause the boards to stick together, leading to increased tension in the floor. The wooden plank may crack or bulge.

Substrate preparation:

Preparing a wood filler for cracks in the wood:

To do this, take the wood dust from a finer intermediate sanding (approx. 120 grit) and add enough of the ISO-TPL to make a paste-like wood compound. Work this into the cracks or parquet gaps with a stainless steel putty knife. After sufficient drying (the next day), sand off any protruding material.

Paint structure:

Jansen ISO-TPL is adjusted to brushing consistency and may be diluted with up to 10% water, depending on application (adding water reduces the insulating effect). If necessary, slightly moisten the raw wood before applying the first coat and, after drying, sand lightly with 240-280 grit sandpaper to minimise the raising of wood fibres in the first coat.

As a rule, two full coats of undiluted paint of 150 ml/m² each are sufficient for new or untreated wood.

For refurbishing, allow for 1-2 full coats.

Apply a trial coating before actual application.

Special features:

To obtain a resistant surface, apply a final coat of colourless paint. Make sure that approx. 20% of the lower colour shade is mixed into the colourless coat to prevent the formation of a veil. Please note that colourless coatings also have a slight inherent colour.

If the ISO-TPL is applied where office chairs are used, a transparent roll mat should be placed underneath in front of the desk.

Freshly painted wooden floors may be covered with carpets or other coverings after approx. 8 - 10 days at the earliest. Do not put furniture on until after approx. 3 days, and do not move it yet.

Form of application:

Brushing: Use a brush with plastic bristles.

Rolling: The roller should be made of a dense microfibre pile. Pile height max. 10 mm, e.g. Wistoba 656225 (orange), or Wistoba 653525.

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

Information on spraying

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Type	Added water	Material pressure (quantity)	Pneumatic pressure (quantity)	Nozzle	Spray gun marking
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	Added water	Material pressure (quantity)	Pneumatic pressure (quantity)	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 of use

Type	Added water	Material pressure (quantity)	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 insulating effect. Always ensure good ventilation. Do not coat new floorboards until after one year, as swelling and shrinkage in solid wood is still too high. The boards may stick together, which can lead to stress cracks.

Slip resistance:	<p>If slip resistance is required, 10% Additive R can be added to ISO-TPL to achieve slip resistance class R11. Please note that in public areas in particular slip resistance is required.</p> <p>Important: Ensure careful distribution of the coating. Nevertheless, absolute optical uniformity cannot be achieved, especially on larger surfaces. The material mixed with Additive R cannot be sprayed.</p>
Cleaning the coated surfaces:	<p>Do not wet clean the first week. In the first month, wipe only damp with clear water. After that, small amounts of floor polish may be added to the wash water. But even then, the floor should only be cleaned very slightly damp.</p>
Notes:	<p>Not approved for dance floors. Cork floors and wooden pavements cannot be coated with ISO-TPL.</p>
Cleaning your tools:	<p>Immediately if possible, with water. Clean intermittently if used for longer or with more breaks.</p>
Storage:	<p>Keep in a cool, dry place protected from frost. Seal opened container well and turn upside down.</p>
VOC value:	<p>EU limit for this product (Cat. A/d): 130 g/l VOC (2010). This product contains a maximum of 130 g/l VOC.</p>

Marking

Please see our updated Safety Data Sheet available at www.jansen.de

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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