

TECHNICAL SHEET 14.07.01-EN



JUBIN Polyurethane varnish

Thick-coat transparent polyurethane lacquer (gloss, matt)

1. Description, Application

JUBIN Polyurethane varnish is a transparent coating for wood, made on the basis of a water dispersion of acrylic - polyurethane binders, without an unpleasant smell, easy to apply and dries quickly. It is intended for the decorative and mechanical protection of interior wooden surfaces, such as ceiling and wall coverings, solid wood furniture, and other miscellaneous objects made of all types of wood. The dry coating film enhances the look of the wood and preserves the visible structure.

2. Colour Shades

- Transparent

3. Technical data

Packaging		0.65 l, 2.25 l
Density		~1.018 kg/dm ³
Content of vaporous substance (VOC)		11 g/l
The EU VOC requirement - category		A/e<130
Water dilution mass		0 %
Water dilution for spraying		~10 %
Drying time T = +20 °C, relative air humidity = 65 %	Touch dry	~2 h
	Suitable for further treatment	~4-6 h
Consumption		~100 - 140 ml/m ²
Recommended number of layers		2-3
Gloss level	Gloss	86 GU/60°

Matt

14 GU/60°

4. Installation Conditions

The air temperature should not be lower than +5°C and not higher than +30°C (the optimum air temperature is +10 °C to +25 °C), and the air humidity should not exceed 80 %.

5. Surface Preparation

Surface should be solid, dry and clean, without any badly-adhered particles, dust, fat linings or other filth. Wood humidity should not exceed 12 % (deciduous trees) or 15 % (coniferous trees). Clean resinous surfaces of wood with nitro diluter and let them dry well. Repair any defects (cracks, dents, hollows and similar) with JUBIN Akrilin wood paste (apply the paste in the shade closest to the colour of wood).

If the surface of the wood is very smooth, sand it with fine sandpaper or a sanding sponge. If the coating is used on surfaces where old coatings are present, remove them mechanically and thoroughly sand and clean the surface of dust.

6. Preparation of coating

Prior to application, only stir JUBIN Polyurethane varnish well. In case of application by spraying (in conditions of accelerated drying as well as in other cases), it can be diluted, but not more than 10 %.

7. Application of coating

JUBIN Polyurethane varnish is applied in two or three layers to a dry and clean surface with a brush, a suitable paint roller (velour 2 mm) or by spraying. Due to quick drying, application in stripes without interruptions is recommended. Smear any drops immediately so that they do not dry. Before the second application, gently sand the coated surface with fine sandpaper to remove raised wood fibers.

For spraying with an air gun, we recommend using a nozzle of 1.2 to 1.5 mm, an air pressure of 3 to 4 bar.

Any "overprinting" of the coating during application (adding tinting agents, thinning, etc.) is not allowed. The amount of paint needed to paint individual surfaces is calculated or estimated from the surface area of these surfaces and the average consumption data. In specific cases, we determine the consumption by measuring on a sufficiently large test surface.

Immediately after use thoroughly clean the tools with water or water solution of universal household detergents.

8. Maintenance and Restoration of Painted Surfaces

Surfaces treated with JUBIN Polyurethane varnish do not require special maintenance. If recoating is needed, just sand the surfaces with fine sandpaper or a fine sanding sponge, or see section "5. Preparation of the base".

9. Storage, Transportation Conditions and Durability

Storage and transport at temperature between +5 °C and +25 °C, keep out of direct sunlight, out of reach of children, MUST NOT FREEZE!

Shelf life when stored in an originally sealed and undamaged packaging: at least 18 months.

10. Other Information

Technical instructions are given based on our experiences and are given as a guideline for achieving optimal results. We cannot take any responsibility for the damage, caused by incorrect selection of a product, incorrect use or unprofessional work. JUB also bears no responsibility in cases where the substrate for the application of our products is prepared inadequately or with materials of inadequate quality from other manufacturers. In the case of applying our products to existing substrates of old coatings or pre-prepared substrates with materials from other manufacturers, it is obligatory to make appropriate test fields with all the intended applications of JUB products, in

accordance with the technical instructions, before starting the work.

The colour shade may differ from the print in the colour chart since it depends on the type and absorption of wood, roughness of the surface and the number of applications. In order to check the colour shade, a dry application of the coating on a standard test cardboard is compared to a standard of the concerned shade, which is stored in the TRC JUB d.o.o. A difference in the colour shade, which is the result of unsuitable working conditions, of coat preparation technique, which differs from the one in this technical sheet, of the application of the product onto an unsuitably prepared surface and on a wet or not dried enough surface, cannot be subject of complaint.

This technical sheet supplements and replaces all preceding editions. JUB reserves the right to change and supplement data in the future.

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