

TECHNICAL SHEET 20.10.02-ENG
DECORATIVE PROTECTION OF WOOD

JUBIN Akrilin professional

Professional wood filler

1. Description, Application

JUBIN Akrilin professional is a dispersion levelling compound for quality repairs of local defects of up to 1 cm in depth, such as cracks, scratches, bruises, indentations, rifts – on products made of solid wood, veneered and untreated particle, glued or panel boards prior to final surface treatment – fine polishing, application of translucent and other coats and before lacquering.

2. Packaging, colour shades

Plastic containers holding 8 kilos, plastic pots holding 0.75 kilos:

- white (colour shade 10), pine tree (colour shade 20), beech (colour shade 30), oak (colour shade 40), palisander (colour shade 50), light pine tree (colour shade 60), ebony (colour shade 70),
- Delivery designed at a special request of a customer is possible under certain conditions
- Tinting of JUBIN Akrilin professional is also possible with the product DIPI Super color (max. 3 plastic pots holding 100 ml each for 8-kilo packaging unit and max. 5.5 plastic pot capfuls per 750g packaging unit)

COLOUR SHADE	Type and quantity of Dipi Super color per packaging unit of 750g JUBIN Akrilin professional white	Type and quantity of Dipi Super color per packaging unit of 8KG JUBIN Akrilin professional white
WALNUT	DIPI Super color brown (55) = 2 Dipi plastic pot capfuls	DIPI Super color brown (55) = 1 DIPI plastic container 100ml
MAHOGANY	DIPI Super color brown (55) = 2 Dipi plastic pot capfuls DIPI Super color red(25) = 1 Dipi plastic pot capfuls	DIPI Super color brown (55) = 1 DIPI plastic container 100 ml Super Color - red(25) = 1/2 DIPI plastic container 100ml
TEAK	DIPI Super color white coffee (50) = 2 Dipi plastic pot capfuls DIPI Super color oker (45) = 1 Dipi plastic pot capfuls	DIPI Super color white coffee (50) = 1 DIPI plastic container 100 m DIPI Super color oker (45) = 1/2 DIPI plastic container 100 ml
CHERRY	DIPI Super color white coffee (50) = 2 Dipi plastic pot capfuls	DIPI Super color white coffee (50) = 1 DIPI plastic container 100 ml

DIPI Super color must be mixed well into JUBIN Akrilin professional; in case of larger packaging unit, electric mixer can be used to help.

Adequate colour shades are selected so that they are as close as possible by appearance to the colour of wood being treated.

Wood fillers of various colour shades can be mixed in optional ratios!



3. Technical Data

Density (kg/dm ³)		1.55 –1.75
Individual coat thickness (mm)		<10
Drying time T = +20 °C, rel. air humidity = 65 % (hours)	Touch dry	~0.5 to 24 (depending on the coat thickness)
	Suitable for further treatment	1 –24 (depending on the coat thickness)

Main ingredients: styrene-acrylate binder, fine calcite fillers, cellulose thickening agents, water

4. 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 or some other type of diluter and let them dry well. Empty knot areas should be filled with wooden fillers prior to treatment with wooden inserts.

5. Preparation and Application of Filler

JUBIN Akrilin professional is a ready-to-use product. Apply it with a stainless-steel trowel so that every crack, indentation, rift, scratch, dent, lesion as well as other damages or defects are filled. Fill shallow damages with one-coat application and apply more coats of the filler into deeper rifts and holes so that the thickness of an individual coat does not exceed 10 cm. Apply each following coat after the previous one had been dried through. Sand the dry and levelled surface with fine sandpaper manually or by a machine.

Application of JUBIN Akrilin professional is possible only in suitable weather or microclimate conditions: the temperature of the air and the surface should not be lower than +5°C and not higher than +35°C, and the relative air humidity should be below 80 %. In case of outdoor work, protect surfaces during application and hardening of the filler against strong sun and winds. However, do not conduct any work in rain, fog or strong wind (≥30 km/h) despite such protection!

Approximate or average consumption: JUBIN Akrilin professional	~1,0 kg/m ² for 1 mm thick coat
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Thoroughly clean the tools with water immediately after use.

6. Health and Safety at Work

Detailed instructions on handling the product, the use of personal protective equipment, waste management, cleaning of tools, first aid measures, warning signs, warning words, components determining hazard, hazard statements and safety declarations are listed in the safety data sheet of the product you can find on JUB website or request it from the manufacturer or the seller. When installing the product, it is necessary to follow the instructions and regulations for protection in the construction, facade and painting works.

7. Storage, Transport Conditions and Durability

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

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

8. Quality Control

The product's quality characteristics are determined by the internal manufacturing specifications as well as by the Slovenian, European and other standards. JUB ensures achieving of the declared or set quality level by the ISO 9001 system for total quality management and control, which has been implemented at JUB for many years and which comprises daily quality checks in our own laboratories and occasionally at the Construction Institute in Ljubljana and at other independent expert institutions in Slovenia and abroad. The control of health integrity of the product as a dry



coat has been carried out by the Institute for Protection of the Environment at the Institution for Health Protection in Maribor – the product was assessed as adequate and not harmful for health as well as suitable for decorative protection of children's toys and playground equipment. During the manufacturing process, JUB strictly complies with the Slovene and European standards for the protection of environment and for ensuring security and health at work, which is confirmed by the ISO 14001 and OHSAS 18001 certificates.

9. Other Information

Technical instructions contained in this brochure are provided on the basis of JUB's experience and are given as a guideline to achieve the optimum results. JUB cannot accept any responsibility for damage caused by incorrect selection of a product, incorrect use or unprofessional work.

Colour shades may differ from the print in the colour chart since they depend on the type and absorption of wood, number of applications and conditions of drying and hardening of levelling compound. The total colour difference ΔE_{2000} , which is determined in accordance with the ISO 7724/1-3 and with the mathematical model CIE DE2000, should not exceed 2.5. For control purposes, the following is relevant: correctly dried application of filler onto a standard test cardboard is compared to a standard of the concerned colour shade, which is stored in the TRC JUB d.o.o. The difference in the colour shade which is a result of inadequate working conditions, of filler preparation which does not follow the instructions from this technical sheet, of application onto inadequately prepared surface and onto a wet or not dry enough surface, cannot be subject of complaint.

A filler made on the basis of other colour charts is the best possible approximation for JUB's product bases and tinting agents. Therefore, in such cases, the total colour difference from the desired shade may be even higher than the value guaranteed above

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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