

TECHNICAL SHEET 09.01 -Eng

DECORATIVE PROTECTION OF WOOD

AKRILIN

Wood filler

1. Description, Application

AKRILIN is a dispersion **levelling compound used for quality repair of surface defects and damages – 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.

It is easy to apply, adheres well to the surface and dries quickly. Due to the extremely low content of hazardous substances, it is suitable also for decorative protection of children's toys and playground equipment.

2. Packaging and Colour Shades

Plastic containers holding 8 kilos, plastic pots holding 0.75 kilos and plastic tubes holding 150 ml:

- White (shade 10), spruce (shade 20), beech (shade 30), oak (shade 40)
- Delivery of the levelling compound designed at a special request of a customer is possible under certain conditions

Fillers of various shades can be mixed in optional ratios!

3. Technical Data

Density (kg/dm ³)		1.75 – 1.85
Individual coat thickness (mm)		<1
Drying time T = +20 °C, relative air humidity = 65 % (hours)	Touch dry	~0.5
	Suitable for further treatment	1 – 2

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 wood surfaces with nitro or any other diluting agent and let them dry well.

5. Preparation and Application of Filler

AKRILIN 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 1 mm. 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.

The application of AKRILIN is possible only in suitable weather or microclimate conditions: the temperature of the air and the wall surface should not be lower than +5°C and not higher than +35°C and the relative air humidity should be below 80 %. In the case of outdoor work, protect the 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:
AKRILIN ~1.0 kg/m² for a millimetre thick coat

6. Tool Cleaning, Waste Management

Clean the tools with water immediately after use.

Keep unused filler in a well sealed packaging for potential repairs or later use. Deposit hardened remains onto the dumping grounds of construction (waste classification number: 17 09 04) or municipal waste (waste classification number: 08 01 12).

Cleaned packaging can be recycled.

7. Safety at Work and First Aid Measures

Follow general instructions and regulations for construction, painting and joinery works, the use of personal protection means and the application of special measures for safe use during the application of AKRILIN are not necessary.

8. 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.

9. Quality Control

The product's quality characteristics are determined by the internal manufacturing specifications as well as by the Slovene, 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, occasionally at the ZAG Construction Institute in Ljubljana and other independent expert institutions in Slovenia and abroad. The medical integrity control of the product in the state of the dried application has been carried out by the Institute of Environmental Protection at the Maribor Institute of Public Health – it has assessed the product as adequate and harmless to health and suitable also 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 the environment and for ensuring security and health at work, which is confirmed by the ISO 14001 and OHSAS 18001 certificates.

10. Other Information

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

The colour shade may differ from the print in the colour chart since it depends on the type and absorption of wood, the number of applications, drying conditions and hardening of the filler. The total colour difference ΔE_{2000} - it is determined in accordance with the ISO 7724/1-3 and with a mathematical model CIE DE2000 – should not exceed 2.5. In order to check the colour shade, a dry application of the filler on a standard test cardboard is compared to the standard of the concerned shade, which is stored in the TRC JUB d.o.o. A difference in colour shade, which is the result of unsuitable working conditions, of the filler preparation technique, which differs from the one in this technical sheet, and of the application of the filler onto an unsuitably prepared surface and on a wet or not dried enough surface, cannot be subject of complaint.



The best possible approximation for available JUB's bases and tinting pastes is a filler made in accordance with other colour charts; therefore the total paint discrepancy from the desired shade may also be greater than the above stated guaranteed values.

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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