

TECHNICAL SHEET 20.07.01 - ENG

DECORATIVE PROTECTION OF WOOD

JUBIN DECOR

Enamel for wood

1. Description, Application

JUBIN DECOR is enamel for wood **for exterior and interior use**. It is based on water dispersion of acrylic binders. **It is used for decorative protection of wooden roof constructions, eaves, fences, building furniture, garden furniture** and similar. The table below states details concerning such protection for individual specific cases:

Description		Primer	Decorative coat
- First painting or - Paint renovation (old coatings are cracked and do not adhere to the surface – remove them entirely before painting)	Wooden constructions and other wooden elements outside of buildings	1 x JUBIN LASUR PRIMER PLUS or 1 x JUBIN IMPREGNACIA + 1 x or 2 x JUBIN DECOR PRIMER	2 x JUBIN DECOR
	Wooden constructions and other wooden elements inside of buildings	1 x or 2 x JUBIN DECOR PRIMER	2 x JUBIN DECOR
- Paint renovation (old coatings are cracked and do not adhere to the surface – remove them partially before painting)	Wooden constructions and other wooden elements outside of buildings	1 x or 2 x JUBIN DECOR PRIMER	2 x JUBIN DECOR
	Wooden constructions and other wooden elements inside of buildings	1 x or 2 x JUBIN DECOR PRIMER	2 x JUBIN DECOR

JUBIN DÉCOR **dries quickly** and is **available in a wide range of colour shades**. JUBIN DECOR can also be used to coat children's toys and playground equipment, which is proven by a certificate provided by the Institute of Public Health (or compliance with the EN 71-3 and EN71-9 standards).

2. Packaging and Colour Shades

Plastic containers holding 0.65 and 2.25 l

- White (shade 1001)
- 348 shades from the PAINTS AND RENDERS colour chart (on JUMIX tinting stations at points of sale!)

Plastic containers holding 0.65 l

- Yellow (shade 2), ochre (shade 3), red (shade 4), blue (shade 5), green (shade 6), grey (shade 7), dark brown (shade 8), and black (shade 9) under the JUBIN DÉCOR colour chart

Paints of various shades can be mixed in optional ratios!

3. Technical Data

Density (kg/dm ³)	~1.26
----------------------------------	-------



Content of vaporous organic substances (VOS) (g/l)		<32 The EU VOS requirement – category A/d (as of 1 January 2010): <130
Drying time T = +20 °C, relative air humidity = 65 % (hours)	Touch dry	~2
	Suitable for further treatment	4 - 6

Main ingredients: acrylate binder, calcite and magnesium-silicate fillers, titanium dioxide, associative thickening agent, water. The coating reaches its final physical and chemical characteristics after a month.

4. Surface Preparation

Surface should be solid, dry and clean, without any badly-adhered particles, dust, oil stains 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. Any defects (cracks, dents, indentations and similar) can be repaired using AKRILIN paste coating for wood.

Before the first painting and during renovation painting (if old coats have been partially or completely removed), apply JUBIN DÉCOR PRIMER onto the surface first. Coat elements made of hard wood and very knotty wood twice, and protect elements exposed to precipitation and other weather conditions first with JUBIN LASUR PRIMER PLUS biocide impregnation or JUBIN IMPREGNACIA, which inhibit or prevent development of mould and wood parasites.

Sand the painted surfaces after the first application gently using fine sand paper to remove lifted wood flax. If only one coat of JUBIN DÉCOR PRIMER is applied, skip the described polishing. In this case, sand the first application of JUBIN DÉCOR if necessary.

5. Paint Preparation

Prior to application, only stir JUBIN DECOR well and thin it with water up to 5 % if necessary. If the paint is applied by spraying (in conditions of accelerated drying and also in other cases), thin it even more, but not more than by 10 %. ATTENTION! Paint coverage decreases rapidly with thinning!

Equalise paints of different production batches or different manufacturing dates, which are needed to cover a complete surface, in a large container. In the case of large surfaces, where, in such a manner, it is impossible to technically ensure sufficient quantity of paint even for a one-coat application, mix paint from at least three containers in an equalisation container first. When a third of the so prepared paint is used, pour new paint into the equalisation container and stir well together with the rest of the paint already in the container, etc. Equalisation of paint in factory produced shades 2, 3, 4, 5, 6, 7, 8, 9 and 1001, which belong to the same production batch or to the same production date and which have not been diluted, is not necessary.

6. Paint Application

Apply the paint in two coats onto a dry and clean surface using a brush, a suitable painting roller or spray it. Due to quick drying, application in stripes without interruptions is recommended. Spread any drops immediately so that they do not dry.

Any "repairs" of the paint during painting (addition of tinting agents, diluting and similar) are not allowed. Quantities of paints necessary to paint individual panels are calculated or estimated on the basis of the surface of these panels and data on consumption rate, and, in specific cases, consumption is determined by making measurements on a test panel that is large enough.

Painting is possible only in suitable weather or microclimate conditions: temperature of the air and the surface should not be lower than +5°C and not higher than +30°C (the optimum working temperature is between +10 °C and +25 °C), and air humidity should be below 80 %. In case of outdoor work, protect surfaces during painting and hardening of the paint film 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 for a one-coat application:
JUBIN DÉCOR 70 - 90 ml/m², depending on absorption and roughness of the surface

7. Tool Cleaning, Waste Management

Thoroughly clean the tools with water immediately after use. Using a spatula, empty the cylinder, and wash the tool immediately and thoroughly. Keep unused and undiluted paint in a well sealed packaging for potential repairs or later use.

Do not empty waste remains into drains, watercourses or environment and do not dispose them together with domestic wastes. In accordance with waste management regulations, they are classified among wastes bearing classification number 08 01 12 or 20 01 28 and may be handed in to registered transferees in empty packaging or at assembly centres for waste of this kind or via organised collection of hazardous waste by municipal companies. Cleaned packaging waste (15 01 02) is collected separately and is handed into recycling to an authorised transferee or at assembly centres for waste of this kind.

8. Safety at Work and First Aid Measures

Follow general instructions and regulations for construction and painting works. Protection of the respiratory system with a safety mask and Protection of eyes with protective glasses or a safety mask is required only when applied by spraying.

FIRST AID:

Contact with eyes: immediately widen the eyelids, rinse thoroughly with clean water (10 to 15 minutes) and seek medical attention if necessary. Contact with skin: remove clothing which has been wetted by the primer and rinse with water and soap. In case of repeated contact with skin, we recommend a preventive protection of hands with a protective cream. Ingestion: rinse your mouth with water, do not enforce yourself to vomit, seek medical attention immediately.

9. Maintenance and Restoration of Painted Surfaces

Painted surfaces do not require any special maintenance. Loose dust and other loose filth can be swept or hoovered, while adhered dust and other filth can be removed with a soft cloth or sponge soaked in a solution of ordinary universal household preparations.

Restore paint on surfaces where filth and stains cannot be removed. Restoration painting should include a new two-layer application of paint as described in the chapter entitled "Paint application". Application of a primer is usually not necessary at restoration painting.

10. Storage, Transport Conditions and Durability

Storage and transportation at temperature +5°C to +25°C, protected from the direct sunlight, out of reach of children, MUST NOT FREEZE!

Shelf life when stored in an originally sealed and undamaged packaging: at least 24 months.

11. 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 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 Organisation for Protection of Environmental at the Institute 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.



12. 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, roughness of the surface and the number of applications. 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 1.5 in the case of shades belonging to JUB's PAINTS AND RENDERS and JUBIN DECOR colour charts, or 2.5 for shades from the NCS and RAL colour charts. In order to check the colour shade, a dry application of the paint 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 colour shade of a paint made on the basis of other samplers and 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. The difference in the paint shade which is a result of inadequate working conditions, of paint preparation, which does not follow instructions from this technical sheet, of application of the paint onto inadequately prepared surface and onto a wet or not dry 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.

Designation and date of issue: **TRC-042/13-pek**, 21 March 2013



JUB kemična industrija d.o.o.

Dol pri Ljubljani 28, 1262 Dol pri Ljubljani, Slovenia

P: (01) 588 41 00 HQ

(01) 588 42 17 Sales

(01) 588 42 18 or 080 15 56 Technical support

F: (01) 588 42 50 Sales

E: jub.info@jub.si

www.jub.eu



The product is made by the holder of ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007 certificates.

