

TECHNICAL SHEET 03.01.42-ENG INTERIOR WALL PAINTS

JUPOL Eco premium

High-coverage interior wall paint

1. Description, Application

JUPOL Eco premium is a health-friendly, high-coverage interior wall paint, based on water dispersion of modern polymeric binders. It is intended for decorative protection of walls and ceilings. Suitable substrates for application of paint include fine render finishes of all types, surfaces levelled with levelling compounds, paper and fleece relief wallpapers, relief wallpapers made of glass fibres, as well as gypsum-cardboards and fibre-cement boards, chipboards, unplastered concrete, and similar. Application to well-adhered old dispersion coats and well-adhered decorative render finishes of all types is also possible

The paint has obtained the ECO LABEL from the AGENCY OF THE REPUBLIC OF SLOVENIA FOR THE ENVIRONMENT, and in addition, the product does not need to be labelled with the EUH 208 phrase (criteria for classifying allergenic substances in products).

JUPOL Eco premium is easy to apply, since slightly "creamy" consistency reduces dripping and splashing during application. It is distinguished by extremely low content of volatile organic substances. It doesn't contain softening agents nor heavy metals. The paint film is well vapour-permeable and resistant to wet rubbing – washable, so that dirt that is not overly adherent can be wiped off the painted substrates with a cloth soaked in a solution of common household cleaners. It is distinguished by good coverage, so for painting normally absorbent, bright, and not excessively dirty wall surfaces, a single application is usually sufficient.

2. Packaging and Colour Shades

Plastic containers holding 2 and 5 l:

- White (colour shade 1001)
- Colour shades E and F from the JUB FAVOURITE FEELINGS colour charts - (on JUMIX tinting stations at points of sale)
- Tinting to pastel shades is possible with DIPI Super Color (up to 200 ml per 15 l of white paint) or with DIPI Koncentrat (up to 100 ml per 5 l of white paint)

Paints of various colour shades can be mixed in optional ratios

3. Technical Data

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| Density (kg/dm ³) | | ~1.48 | |
| Content of vaporous organic substances (VOC) (The EU VOS requirement as of 1 January 2010 – category A/a: <30) (g/l) | | <1 | |
| Drying time T = +20 °C, rel. air humidity = 65 % (hours) | | Touch dry | ~3 |
| Characteristics of film | Classification by EN 13300 | Resistance to wet scrubbing | resistant, class 2 |
| | | Coverage | class 1 with efficacy of 8.0 m ² /l |
| | | Gloss | mat |

| | | | |
|--|--|-----------------------------------|---|
| | Water-vapour permeability EN ISO 7783-2 | coefficient μ (-) | <300 |
| | | Sd value (d = 100 μ m) (m) | <0.03 class I (high water-vapour permeability) |

Main ingredients: ethylene vinyl acetate binder, fine calcite and aluminosilicate fillers, titanium dioxide, cellulose thickening agents, water

4. Substrate Preparation

Substrate should be solid, dry, and clean – without any badly-adhered particles, dust, remains of panelling oils, fat, or other dirt.

In normal conditions (T = +20 °C, relative air humidity = 65 %), let the newly applied renders and levelling compounds dry or mature for at least 1 day for each mm of their thickness. Concrete surfaces should dry for at least a month. Remove all paints, precoats, and other decorative coats, which get easily soaked in water, from already painted surfaces. Surfaces infected with wall mould must be disinfected prior to painting.

Always apply a primer prior to the first painting. We suggest water-diluted AKRIL Emulsion, while in the case of more demanding and lower quality substrates (lower quality coatings made of gypsum-cardboards, gypsum render finishes, lime-based levelling and smoothing compounds, fibre-cement boards, chipboards and unplastered concrete surfaces) apply water-diluted JUKOL Primer. Apply the primer with paint or masonry brush or a long-fibre fur or textile paint roller or spray it. In normal conditions (T = +20 °C, relative air humidity = 65 %), painting may begin 6 (AKRIL Emulsion) or 12 (JUKOL Primer) hours after the application of the primer.

5. Paint Preparation

Stir the paint well before use and, if necessary, dilute it with water (up to 5 %). **ATTENTION!** The paint coverage and intensity of colour shade decrease with diluting!

Equalise the paint needed to coat larger surfaces, which are painted in the same colour shade in a container of appropriate size. 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 container and stir it well together with the rest of the paint already in the container, etc. Equalisation of white paint, which belongs to the same production batch or manufacturing date and which has not been diluted, is not necessary. Any “repairs” of the paint during application (adding tinting agents, diluting, and similar) are not allowed. The quantity of paint required to paint specific surface can be calculated or estimated from the surface and data on average consumption. In specific cases, the consumption can be determined by measuring at large enough test surface.

6. Paint Application

Paint is applied by using a long-hair textile paint roller (length of hairs or threads is 16 to 20 mm; if we want to achieve a finer final texture of the dried paint film, use a short-haired paint roller (length of hairs or threads is approximately 10 mm). The following can be used: natural and artificial fur or textile linings made of different synthetic threads – polyamide, nylon, dralon, perlon, vestan or polyester. Use a suitable bucket grid to help collect the paint from the bucket when applying the paint with a roller.

An individual wall surface is painted without interruptions from one end to the other. Always treat surfaces inaccessible to a standard paint roller (corners, gutters, narrow reveal surfaces, and similar) first using suitable brushes or smaller paint rollers adjusted to existing conditions.

In the case of restoration painting of not excessively dirty substrates, the paint is applied in one, and in all other cases in two coats with an interval of 4-6 hours (T = +20 °C, relative humidity = 65%). A two-coat application is also mandatory in all cases where the paint is diluted.

Painting is possible only in suitable weather or microclimate conditions: the temperature of the air and the wall surface should be between +5° C and +35 °C and the relative air humidity should be below 80 %.

Approximate or average consumption for a one-coat application (depending on absorption and roughness of the substrate):

Thoroughly clean the tools with water immediately after use.

7. Safety and Health at Work

Further instructions regarding handling the product, use of personal protection equipment, waste management, tool cleaning, first aid measures, warning signs, signal words, components determining hazard, hazard statements and safety statements are listed in the product's safety sheet which you can find on Jub's web page or you can require it from the manufacturer or seller. When applying the product, the instructions and regulations regarding safety for construction, façade and painting works should also be observed

8. Maintenance and Restoration of Painted Substrates

Painted substrates do not require any special maintenance. Dust and other non-adhering filth can be simply swept or hoovered. Adhered dust and stains should be removed by gentle rubbing with a wet cloth or sponge soaked into a solution of conventional household preparation. Then, the surface should be washed with clean water.

However, where filth and stains cannot be removed applying the methods described above, renovation painting is conducted as described in the chapter "Paint application". In case of renovation painting of less dirty substrates, one coat usually suffices, as the paint has extremely good coverage. At restoration painting, application of a primer is usually not necessary.

9. Storage, Transportation 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!

Durability when stored in originally sealed and undamaged packaging: at least 24 months.

10. Quality Control

The product's quality characteristics are determined with the internal manufacturing specifications as well as with the Slovenian, European and other standards. The achievement of declared or set quality level is ensured by the ISO 9001 system for total quality management and control, which has been implemented at JUB for many years. It comprises daily quality checks in our own labs, and occasionally also at other independent institutions at home and abroad. During the manufacturing process, we strictly comply with the Slovenian and European standards for protection of the environment and for ensuring security and health at work, which is confirmed by the ISO 14001, ISO 50001, and ISO 45001 certificates

12. Other Information

Technical instructions in this brochure 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.

The colour shade may differ from the print in the colour chart. However, the total colour difference ΔE_{2000} – it is determined in accordance with the ISO 7724/1-3 and by the mathematical model CIE DE2000 – doesn't exceed 1.5 for colour shades from JUB's FF colour chart. A correctly dried application of paint to the test surface and a standard of the concerned colour, which is stored at TRC JUB d.o.o., shall be decisive for control purposes. Difference in colour shade, which is a result of unsuitable working conditions, of a colour preparation technique, which differs from the one in this technical sheet, failure to follow the equalization rules, application onto an unsuitably prepared, overly or not enough absorbing surface, more or less coarse surface, on wet or not dried enough surface, cannot be subject of complaint.

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

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