

TECHNICAL SHEET 03.01.06-ENG
 INTERIOR WALL PAINTS

JUPOL GOLD

High-coverage interior wall paint

1. Description, Application

JUPOL GOLD is a health friendly interior wall paint made on the basis of water dispersion of modern polymeric binders. It is especially suitable for quick restoration painting of wall and ceiling substrates in residential facilities, in protocol and business facilities, galleries and other exhibition spaces, premises where congress, promotional and similar activities take place, schools, nursery schools, hotels, hospitals, community health centres, homes for elderly people, etc.

Suitable substrates include all types of well-adhered and not excessively easy and quickly soluble old dispersion coatings, and in the case of first painting also includes fine render finishes of all kinds, substrates smoothed with levelling compounds, relief wallpapers, relief fiberglass wallpaper, as well as gypsum cardboards and fibre-cement boards, chipboards, unplastered concrete, etc.

It is easy to apply and available in a wide range of colour shades. The paint film is highly water vapour permeable and resistant to wet scrubbing, so that not overly adhered filth can be wiped from painted surfaces with a cloth soaked in a solution of universal household preparations. For painting surfaces of normal absorption, light and not excessively dirty substrates in less demanding buildings, one-coat application is usually sufficient.

We can add 5 to 7.5 % (50 to 75 ml/l) of JUBOCID to the paint for decorative protection of wall and ceiling surfaces in areas, where due to high relative air humidity there exists a high probability of formation of condensation and consequently in corners, behind the wardrobes and in other spots there is a high probability for intensive development of different kinds of wall moulds (kitchens, bathrooms and other sanitary areas, washing rooms, storage places, etc.)

2. Packaging and Colour Shades

Plastic containers holding 0.75, 2, 5, 10 and 15 l:

- White (shade 1001)
- Colour shades according to the following colour charts: JUB, NCS and RAL Classic
- It is possible to tint it to pastel shades with DIPI Koncentrat (up to 100 ml on 5 l of paint)
- Delivery in shades designed at a special request of the customer is possible under certain conditions

Paints of different shades can be mixed in optional ratios!

3. Technical Data

Density (kg/dm ³)	~1.52 – base 1001
	~1.46 – base 2000
	~1.37 –base 1000
Content of vaporous organic substances (VOC) (g/l)	<1 The EU VOC requirement – category A/a (od 01.01.2010): <30
Drying time T = +20 °C, relative air humidity = 65 % (hours)	Touch dry ~3



		Suitable for further treatment	5-6
Characteristics of a dry paint film	Classification according to EN13300	Resistance to wet scrubbing	Resistant, class 2
		Coverage	Class 2 with efficacy of 8 m ² /l
		Appearance	matt
	Vapour permeability EN ISO 7783-2	Sd value (d = 100 µm) (m)	<0.03 Class 1 (high water vapour permeability)

Main ingredients: polymeric binder, fillers, titanium dioxide, thickening agents, special additives, water

4. Substrate Preparation

Substrate should be solid, dry, and clean – without badly adhered particles, dust, oil stains, or other filth.

Drying time of new renders and levelling compounds in normal conditions (T = +20 °C, relative air humidity = 65 %) is at least 1 day for each mm of thickness, while for concrete surfaces the drying time is at least one month. From already painted surfaces, remove all paint coats, paints and precoats with oil paints, lacquers and enamels which get easily and quickly soaked in water. Surfaces infected with wall mould, must be disinfected prior to painting.

Application of a primer is mandatory before the first painting. We recommend AKRIL Emulsion diluted with water (AKRIL Emulsion: water = 1 : 1) or simply the paint diluted with water (JUPOL Gold : water = 1 : 1). For more demanding and lower quality surfaces (lower quality gypsum-cardboard boards, gypsum renders, fibre-cement boards, particle boards and unplastered concrete boards), we recommend JUKOL Primer diluted with water (JUKOL Primer : water = 1 : 1). A primer is applied by a painting or masonry brush or a long-bristle fur or textile paint roller or it can be sprayed. In normal conditions (T = +20 °C, relative air humidity = 65 %), painting may begin 6 (AKRIL Emulsion or JUPOL Gold) or 12 (JUKOL Primer) hours after the application of a primer.

A primer is usually not necessary for restoration painting and prior to application of paint to surfaces smoothed with dispersion levelling compounds.

Indicative or average consumption (depending on absorption and roughness of the surface):

AKRIL Emulzija	90 – 100 g/m ²
or	
JUPOL Gold	90 – 100 ml/m ²
or	
JUKOL Primer	90 – 100 ml/m ²

5. Preparation of Paint

Only stir the paint well before use and, if necessary, dilute it with water up to 5% in accordance with consistency corresponding to application technique and conditions. ATTENTION! Paint coverage decreases with dilution! Equalize paint needed to coat the finishing surface (or, even better: all surfaces, which are painted in the same colour shade) in a container of appropriate size. In 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 container and stir it well together with the rest of the paint already in the container, etc. Equalisation of white paint of the same production batch, which has not been diluted, is not necessary.

Any “repairs” of the paint during application (addition of tinting agents, diluting, and similar) are not allowed. The quantity of paint required for painting individual surfaces can be calculated or estimated based on the size of the surfaces or based on the data on average consumption. In special cases, the consumption is determined by measuring on the test surface of appropriate size.

6. Paint Application

Paint is applied in two coats, 5 to 6 hours apart (T = +20 °C, relative air humidity = 65 %), by using a long-bristle fur or



textile paint roller (length of hairs or threads is 18 to 20 mm; the following can be used: natural and artificial fur or textile linings made of different synthetic threads – polyamide, dralon, vestan, nylon, perlon, or polyester), or a painting brush suitable for application of dispersion wall paints or by spraying. Use a bucket grid when applying the paint with a roller.

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

Painting is possible only in suitable weather or microclimate conditions: temperature of the air and the wall surface should not be lower than +5 °C and not higher than +35 °C and relative air humidity should not be higher than 80 %.

Approximate or average consumption for a 2-coat application:

JUPOL Gold 125 ml/m² (intensive colour shades) – 190 ml/m² (white and bright colour shades), depending on the substrate absorption and coarseness

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. The non-adhering dust and other non-adhering filth can be swept or vacuumed. Adhering dust and more obstinate stains can be removed by light rubbing with a wet cloth or with a sponge soaked into a solution of usual universal household preparations and washed away by clean water.

Restore paint by applying a new two-coat application of paint on surfaces, which cannot be cleaned of filth and stains in the above-described manner. Restoration painting should include a new two-layer paint application as described in the chapter entitled "Paint application". In case of restoration painting of less soiled surfaces, most frequently one coat is sufficient. At restoration painting, application of a primer is usually not necessary.

10. 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.

11. 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, at Fraunhofer IPA Institut in Stuttgart, and 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 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, from the sample or from approved sample. 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 the JUB's PAINTS AND RENDERS colour chart or 2.5 for



colour shades from the NCS and RAL colour charts. To check the stated differences, observe a dried coat of paint applied to a standard test cardboard and standard of subject paint kept at TRC JUB d.o.o.. Paint manufactured by other colour charts is the best possible approximation for the JUB's primers and tinting agents. Therefore, in such cases the total colour difference from the desired shade may be even higher than the value guaranteed above. Differences of colour shades resulting from unsuitable working conditions, the application technique and paint preparation process different from the instructions, failure to follow the equalisation rules or application to unsuitably prepared, overly or not sufficiently coarse, to humid or not dry enough surface, cannot be subject of a 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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ISO 9001	Q-159
ISO 14001	E-034
ISO 50001	En-024
ISO 45001	H-022



The product is made by the holder of ISO 9001:2015, ISO 14001:2004 and OHSAS 18001:2015 certificates.

