

TECHNICAL SHEET 03.01.01-Eng

INTERIOR WALL PAINTS

JUPOL CLASSIC

Interior wall paint

1. Description, Application

JUPOL CLASSIC is an interior wall paint based on water dispersion of polymeric binders. It can be used for **decorative protection of walls and ceilings of residential and business buildings, schools, nursery schools, hospitals, hotels, residences for the elderly and other public buildings** if the use of washable paints or paints resistant to wet scrubbing is not required for such protection. Suitable surfaces include fine render finishes of all types, surfaces levelled with levelling compounds, relief paper wallpapers, 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 is distinguished by **exceptionally low content of vaporous organic substances and it does not contain heavy metals**. It is **easy to apply** and **available in a large number of pastel shades**. Paint film is **highly water vapour permeable** and **resistant to dry scrubbing**, however, it can be softened and damaged if wiped with a wet cloth or a sponge.

5 to 7.5 % of JUBOCID (50 to 75 ml/l per 1l of paint) can be added to the paint for decorative protection of wall and ceiling surfaces of rooms, where condensed water is likely to appear due to high relative air humidity and with it strong likelihood for intensive development of different types of wall mould in corners, behind wardrobes and elsewhere (kitchens, bathrooms and other sanitary facilities, laundries, pantries and similar).

2. Packaging and Colour Shades

Plastic containers holding 2 and 12.5 l:

- White (shade 1001)

Plastic containers holding 5, 10 and 15 litres:

- White (shade 1001)
- 150 shades from the PAINTS AND RENDERS colour chart - shades whose code's last figure is 3, 4 and 5 (on JUMIX tinting stations at points of sale)
- Tinting to pastel shades is possible with DIPI 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 shades can be mixed in optional ratios!

3. Technical Data

Density (kg/dm ³)		~1.65	
Content of vaporous organic substances (VOS) (g/l)		<2 The EU VOS requirement – category A/a (as of 1 January 2010): <30	
Drying time T = +20 °C, relative air humidity = 65 % (hours)	Touch dry		~3
	Suitable for further treatment		4 - 6
Characteristics of a dry	Classification under EN	Resistance to wet scrubbing	Not resistant
	13300		



paint film		Coverage	Class 3 with efficacy of 10 m ² /l
		Gloss	Matt
	Water-vapour permeability EN ISO 7783-2	μ coefficient (-)	<100
		Sd value (l = 100 μm) (m)	<0.03 Class I (high water-vapour permeability)

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

4. Surface Preparation

Surface 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 %), dry or mature the newly applied render finishes and levelling compounds for at least a day for each mm of their thickness. Dry concrete surfaces for at least a month. Remove all paint coats that soak easily and quickly in water and coatings of oil paints, varnishes and enamels from the already painted surfaces. Prior to painting, it is obligatory to disinfect surfaces infected with wall mould.

Always apply a primer prior to the first application of the paint. We recommend water-diluted AKRIL EMULSION (AKRIL EMULSION : water = 1 : 1). In the case of more demanding and less quality surfaces (less quality coatings made of gypsum-cardboards, gypsum render finishes, fibre-cement boards, chipboards and unplastered concrete surfaces) apply water-diluted JUKOLPRIMER (JUKOLPRIMER : water = 1 : 1). Apply the primer with a paint or masonry brush or a long-bristle 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 (JUKOLPRIMER) hours after the application of the primer.

The application of the primer is usually not necessary in the case of paint restoration and prior to the application of the paint onto surfaces smoothed with dispersion levelling compounds.

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

AKRIL EMULSION	90 - 100 g/m ²
or	
JUKOLPRIMER	90 – 100 ml/m ²

5. Paint Preparation

Only stir the paint well before use and, if necessary, dilute it with water (up to 15 %) in accordance with consistency corresponding to application technique and conditions. ATTENTION! Paint coverage decreases rapidly with diluting!

Equalise the paint needed to coat the finishing wall surface (or, better still: all surfaces, which are painted in the same shade) in a container of appropriate size. 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-layer 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, which belongs to the same production batch or to the same production date and which has not been diluted, is not necessary.

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

6. Paint Application

Apply the paint in two coats at intervals of 4 - 6 hours (T = +20 °C, rel. air humidity = 65 %) using a long-fibre 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), a paint brush suitable for the application of dispersion wall paints, or by spraying. When applying the paint with a roller, use a suitable bucket grid.

Paint an individual wall surface without interruptions from one corner of the wall to the other. Always process surfaces



inaccessible to a standard long-fibre paint roller or a spray 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 conditions or suitable 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 two-coat application:

JUJOL CLASSIC 150 - 190 ml/m², depending on absorption and roughness of the surface

7. Tool Cleaning, Waste Management

Using a spatula, empty the cylinder, and wash the tool immediately and thoroughly with water. 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, remains are classified among waste 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 handed in to be recycled to an authorised transferee or to an assembly centre for waste of this kind.

8. Safety at Work

Respiratory protection with a protective mask and eye protection with protective glasses or a safety mask is necessary only when applying the paint by spraying. Otherwise follow general instructions and regulations on safety of construction work or works including paintwork. The use of special personal protection means and the application of special measures for safe work in the case of paint application with a paint roller or a brush is not necessary.

In case of contact with eyes, rinse with water immediately.

9. Maintenance and Restoration of Painted Surfaces

Painted surfaces do not require any special maintenance. Sweep or Hoover non-adhered dust and other non-adhered filth.

However, where filth cannot be removed applying the methods described above, renovation painting is recommended. It should include a new two-layer paint application as described in the chapter entitled "Paint application". At renovation painting, application of a primer is usually not necessary.

10. Storage, Transport Conditions and Durability

Storage and transport at temperature +5 °C to +25 °C, keep out of direct sunlight, out of reach of children, IT MUST NOT FREEZE!

Shelf life when stored in an originally sealed and undamaged packaging: at least 18 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, occasionally at the ZAG Construction Institute in Ljubljana, at **Fraunhofer IPA Institut** in Stuttgart and at other independent expert institutions in Slovenia and abroad. 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 has been 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.



A paint may differ from the imprint in the colour chart or from the certified sample, and the total paint difference ΔE_{2000} for paints under the JUB PAINTS AND RENDERS colour chart – it is defined in accordance with ISO 7724/1-3 and the CIE DE2000 mathematical model – amounts to maximum 1.5. In order to check the colour shade, a dry application of paint on a test surface is compared to a standard of the concerned shade, which is stored in the TRC JUB d.o.o. The best possible approximation for available JUB's bases and tinting pastes is a paint made in accordance with other colour charts, therefore total paint discrepancy from the desired paint may also be greater than the above stated guaranteed values. A difference in colour shade, which is the result of unsuitable working conditions, of a product preparation technique, which differs from the one in this technical sheet, of failure to follow the equalisation rules, of the application of the product onto an unsuitably prepared, over or not enough absorbing surface, more or less coarse surface, or on a wet or not dried 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.

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ISO 9001 Q-159
ISO 14001 E-034
OHSAS 18001 H-022



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

