

## TECHNICAL SHEET 03.01.56-GBR

### INTERIOR WALL PAINTS

# JUPOL Next

High coverage interior wall paint

## 1. Description, Application

JUPOL Next is an environmentally friendly, high coverage interior wall paint based on water dispersion of polymeric binders. It is intended for decorative protection of walls and ceilings. Suitable substrates for paint application include the following: fine render finishes of all types, substrates smoothed with levelling compounds, paper and fleece relief wallpapers, relief wallpapers made of glass fibres, and also gypsum-cardboard and fibre-cement panels, chipboards, unplastered concrete, etc. The application to well-adhered old dispersion coatings and well-adhered decorative render finishes of all types is also possible.

The paint is distinguished by extremely low content of vaporous organic substances, and it does not contain softening agents nor heavy metals. Dry paint film is of high coverage, of good water vapour permeability and has a low gloss. Additionally, it is also resistant to wet cleaning, which enables us the removal of minor stains by using a wet cloth and solution of common non-aggressive household cleaning agents.

We can add 5 to 7.5 % (50 to 75 ml/l) of JUBOCIDE on internal substrates of areas, where due to high relative air humidity there exists a high probability of formation of condensation and as a consequence 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, Colour Shades

Plastic containers holding 2, 5 and 15 l:

- White (colour shade 1001)
- Limited selection of colour shades according to colour charts JUB, NCS and RAL Classic – (on JUMIX tinting stations at points of sale)
- Tinting to pastel colour 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 paint)
- Under certain conditions, delivery of paints designed at a special request of the customer is also possible

Paints of various colour shades can be mixed in optional ratios!

## 3. Technical Data

Density (kg/dm <sup>3</sup> )		~1.51 – base 1001 ~1.40 – base 2000	
Content of vaporous organic substances (VOC) (g/l)		<1 The EU VOC requirement – category A/a (as of 1 January 2010): <30	
Drying time T = +20 °C, rel. air humidity = 65 % (hours)		Touch dry	~3
		Suitable for further processing	4 - 6
Characteristics of dry paint film	Classification by EN 13300	Resistance to wet scrubbing	resistant, class 4
		Coverage	class 2 with efficacy 7 m <sup>2</sup> /l
		Gloss	flat mat

Characteristics of dry paint film	Water vapour permeability EN ISO 7783-2	Sd value (d = 100 µm) (m)	<0.03 class I (high water vapour permeability)
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Main ingredients: polymeric binder, fillers, titanium dioxide, thickening agents, special additives, and 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 paint applications, precoat with oil paints, lacquers and enamels 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 recommend water-diluted AKRIL Emulsion and in the case of more demanding and lower quality surfaces (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, and also by spraying. 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

Only stir the paint well before use and, if necessary, dilute it with water up to 15 % (white and colour shades from base 1001) or 10 % (colour shades from base 2000) in accordance with consistency corresponding to application technique and conditions. ATTENTION! The paint coverage decreases 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 of the same production batch, 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

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) or a paint brush suitable for the application of dispersion wall paints. 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:	
JUPOL Next	160 – 190 ml/m <sup>2</sup> , depending on absorption and roughness of the surface

Thoroughly clean the tools with water immediately after use.

## 8. 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.

## 9. Maintenance and Restoration of Painted Surfaces

Painted surfaces do not require any special maintenance. Dust and other non-adhering filth can be simply swept or vacuumed. Adhered dust and stains should be removed by gentle rubbing with a wet cloth or sponge soaked into a solution of conventional household preparation.

However, where filth and stains cannot be removed applying the methods described above, renovation painting is conducted which comprises a two-coat application of paint, as described in the chapter "Paint application". In case of renovation painting of less dirty substrates, one coat usually suffices. 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!**

Shelf life when stored in originally sealed and undamaged packaging: at least 18 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, 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, 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 imprint in the colour chart. However, the total colour difference  $\Delta E_{2000}$  – 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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ISO 9001	Q-159
ISO 14001	E-034
ISO 50001	En-024
ISO 45001	H-022



The product is made by the holder of certificates 9001:2015, ISO 14001:2015  
ISO 50001:2018, ISO 45001:2018