

TECHNICAL SHEET 03.01.44-ENG

INTERIOR WALL PAINTS

JUPOL Weiss

White interior wall paint

1. Description, Application

JUPOL Weiss is a white interior wall paint based on water dispersion of polymeric binders. It is intended for decorative protection of walls and ceilings in residential and commercial buildings, schools, nursery schools, hospitals, hotels, residences for the elderly, and other buildings, if such protection doesn't require the use of washable paints or paints resistant to wet scrubbing. Suitable substrates 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 extremely low content of vaporous organic substances and it does not contain heavy metals. It is easy to apply, paint film is characterized by good water vapour permeability and it is resistant to dry scrubbing; when being cleaned with wet cloth or sponge, it softens and gets damaged. We can add 5 to 7.5 % (50 to 75 ml/l) of JUBOCID to the paint for decorative protection of wall and ceiling substrates in areas, where due to high relative air humidity there exists a high probability of formation of condensation and as a consequence 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 8 and 25 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

Density (kg/dm ³)		~1.70	
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
	Suitable for further treatment		4-6
Characteristics of film	Classification by EN 13300	Resistance to wet scrubbing	Not resistant
		Coverage	class 3 with efficacy of 10 m ² /l
		Gloss	mat

	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: binder, fillers, 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 ($T = +20\text{ }^{\circ}\text{C}$, 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 with Algicide plus prior to painting.

Always apply a primer prior to the first painting. We recommend 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 ($T = +20\text{ }^{\circ}\text{C}$, relative air humidity = 65 %), painting may begin 6 (AKRIL Emulsion) or 12 (JUKOL Primer) hours after the application of the primer.

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

5. Paint Preparation

Only stir the paint well before use and, if necessary, dilute it with water (up to 20 %) in accordance with consistency corresponding to application technique and conditions. **ATTENTION!** Paint coverage decreases with dilution!

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 in two coats, 4 to 6 hours apart ($T = +20\text{ }^{\circ}\text{C}$, relative air humidity = 65 %), by using a long-bristle fur or textile paint roller (length of hairs or threads is 16 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 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.

Painting is possible only in suitable weather or microclimate conditions: the temperature of the air and the wall surface should be between $+5^{\circ}\text{C}$ and $+30\text{ }^{\circ}\text{C}$ and the relative air humidity should be below 80 %.

Approximate or average consumption for a two-coat application: JUPOL Weiss	150 – 190 ml/m ² , depending on absorption and roughness of the substrate
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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 vacuumed. Restore paint by applying a new two-coat application of paint as described in the chapter entitled "Paint application" on surfaces, which cannot be cleaned of filth and stains in the above described manner. 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 at the Construction Institute in Ljubljana 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.

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

Denomination and date of publishing: TRC-041/20-čad, 22 December 2020

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ISO 9001	Q-159
ISO 14001	E-034
ISO 50001	En-024
ISO 45001	H-022



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