

TECHNICAL SHEET 03.01.25-Eng**INTERIOR WALL PAINTS, SPECIAL-PURPOSE PAINTS AND COATINGS PROGRAM****JUPOL BLOCK**

Stain-blocking paint

1. Description, Application

JUPOL BLOCK is a fast drying paint based on water dispersion of acrylic binders. It is intended for renovation painting of all types of interior wall and ceiling surfaces,

which are, for whatever reason, soaked with substances that are easily and quickly soluble in water

- Surfaces in rooms that are exposed to heavy smoking and covered with nicotine, tar and other derivatives of tobacco smoke,
- Surfaces of chimneys covered with tar and chimney slag,
- Surfaces of rooms with open hearths and surfaces in rooms where larger or smaller fires have occurred,
- Surfaces with stains caused by soaking due to damaged fitting, heating installation and sewage system and equipment, damaged roofs or soaking caused during the process of putting out a fire,
- Surfaces of less quality gypsum-cardboards and chipboards due to tannin and other dyes in their compound or coatings,

which are stained, dirty, covered or polluted in any other way with substances that are quickly and easily soluble in water and are impossible to remove prior to painting

- Stains caused by wine, fruit juices, coffee, tomato sauce, and similar,
- Stains caused by water colour pencils,

with smaller oil or any other fat stains.

Contrary to conventional water wall paints, JUPOL BLOCK efficiently blocks substances that are easily and quickly soluble in water and it is distinguished by good coverage and good adhesion to wall surfaces that are not excessively greasy (smaller oil stains and similar). Painted surfaces can be cleaned with a soft cloth or a sponge soaked in a gentle solution of universal household preparations.

Due to the described specific characteristics, JUPOL BLOCK is especially recommended for renovation painting of wall- and ceiling surfaces of kitchens, restaurants, bars, playrooms in nursery schools and in school classrooms.

2. Packaging and Colour Shades

Plastic containers holding 2, 5 and 10 litres:

- White (shade 1001)
- 150 shades from the JUB colour chart – shades whose code's last figure is 3, 4 and 5 (on JUMIX tinting stations at points of sale). ATTENTION! The ability to block stains decreases with the increase of the amount of tinting agents!

Paints of various shades can be mixed in optional ratios!

3. Technical Data

Density (kg/dm ³)	~1.50
Content of vaporous organic substances (VOS) (g/l)	<5 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	~1
		Suitable for further treatment	~6
Characteristics of a dry paint film	Classification under EN 13300	Resistance to wet scrubbing	Resistant, class 1
		Coverage	Class 2 with efficacy of 8.0 m ² /l
		Gloss	Semi-matt
	Water-vapour permeability EN ISO 7783-2	μ coefficient (-)	<8000
		Sd value (l = 100 μm) (m)	<0.8 Class II (medium water-vapour permeability)

Main ingredients: acrylate binder, almosilicate and sulphate fillers, titanium dioxide, water. The coating reaches its final physical and chemical characteristics after a month.

4. Surface Preparation

The surface should be solid, dry, without any dust and other loose or badly-adhered particles. Remove the remains of oils and other fat from the surface to the maximum possible degree.

Old paint coats should not be damaged and should adhere to the surface well.

Do not apply JUPOL BLOCK onto surfaces painted with chalk-based paints and other paints that quickly soak in water, and onto surfaces painted with oil paints, varnishes and enamels. The mentioned coats must be entirely removed. Prior to painting, it is obligatory to disinfect surfaces infected with wall mould.

5. Paint Preparation

Only stir the paint well before use and do not dilute it.

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 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.

5 to 7.5 % (50 to 75 ml/l) of JUBOCID 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). ATTENTION! The ability to block stains decreases with the increase of the amount of the agent preventing the growth of wall mould!

6. Paint Application

Apply two or three coats of the paint (depending on the type and intensity of a stain) at intervals of at least 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 – nylon, dralon, perlon, vestan or polyester) or a paint brush suitable for the application of dispersion wall paints.

ATTENTION! Always apply two coats of tinting paint and it is obligatory to cover the processed surfaces with a



tinted – white paint prior to painting (one-coat application and a two-coat application in the case of very dirty surfaces).

Paint an individual wall surface without any interruptions from one corner of the wall to the other (paint the entire surface of the wall and not only locally, i.e. where the stain is). Always treat surfaces inaccessible to a standard long-fibre paint roller (corners, gutters, narrow reveal surfaces and similar) first using suitable brushes or smaller paint rollers adjusted to existing conditions. We recommend you to remove protective stripes 24 hours following the application of the final coat.

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:	220 - 250 ml/m² , depending on absorption and roughness of the surface
--	--

7. Tool Cleaning, Waste Management

Clean the tools with water immediately after use. Using a spatula, empty the cylinder, and wash the tool immediately and thoroughly with water. Keep unused and undiluted paint in a well-sealed package 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, they 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 waste packaging (15 01 02) is collected separately and handed in for recycling to registered transferee or at 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. Remove adhered dust and stains by light rubbing using a wet cloth or a sponge soaked into a solution of traditional universal household preparations. Then wash the surface with clean water.

However, where filth and stains cannot be removed applying the methods described above, renovation painting is recommended. It should include a new two-layer paint application of one of washable paints from the JUPOL family. In the case of renovation painting of surfaces that are not very dirty, one-coat application would usually suffice. 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 12 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} - it is defined in accordance with ISO 7724/1-3 and the CIE DE2000 mathematical model - amounts to maximum 1.5 for shades from the JUB colour chart. 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. A colour shade of a paint made on the basis of other samplers and colour charts is the best possible approximation for JUB's product bases and tinting agents. Therefore, in such cases, the total colour difference from the desired shade may be even higher than the value guaranteed above. 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.

Designation and date of issue: **TRC-010/13-lev**, 1 February 2013

JUB kemična industrija d.o.o.

Dol pri Ljubljani 28, 1262 Dol pri Ljubljani, Slovenija

P: (01) 588 41 00 h.c.

(01) 588 42 17 Sales

(01) 588 42 18 or 080 15 56 Technical support

Phone: (01) 588 42 50 Sales

E: jub.info@jub.si

www.jub.eu



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

