

## TECHNICAL SHEET 03.02.03-EN



# JUPOL Block

## Special 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. 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. In addition to the above, the dry color film also has adequate adhesion to non-greasy substrates and resistance to wet scrubbing (class 2), as well as a matte appearance. The paint can be used as a stand-alone coating.

### 2. Colour Shades

- white (shade 1001)
- shades under the colour chart JUB Favourite Feelings E-G

Colors of different shades can be mixed with each other in any proportions!

### 3. Technical data

Packaging	2l, 5l, 10l	
Density	~1.512 kg/dm <sup>3</sup>	
Content of vaporous substance (VOC)	10 g/l	
The EU VOC requirement - category	A/a<30	
Water dilution mass	0%	
Water dilution volume	0%	
Drying time	Touch dry	1h

T = +20 °C, relative air humidity = 65 %		Suitable for further treatment	6h
Consumption		220-250 ml/m <sup>2</sup> (for a two-coat application)	
Recommended number of layers		2-3	
Characteristics of a dry paint film	Classification according to EN13300	Resistance to wet scrubbing	resistant, class 2
		Coverage	class 2
		with efficacy of	8m <sup>2</sup> /l
	Vapor permeability EN ISO 7783-2	Appearance	dead matt
		μ, coefficient	<6935
	value Sd (d = 100 μm)	<0.694m class 2 (medium water vapour permeability)	

#### 4. Installation Conditions

The temperature of the air and the wall base should be from +5 °C to +35 °C, and the relative air humidity should not be higher than 80%.

#### 5. 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.

#### 6. Preparation of Paint

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 application (addition of tinting agents, diluting, and similar) are not allowed.

In areas where due to high relative humidity there is a high probability of the development of wall mold and algae, the prepared paint can be added 5 - 7,5 % (50 - 75 ml/l) product JUBOCIDE Plus.

ATTENTION! The ability to block stains decreases with the increase of the amount of the agent preventing the growth of wall mould!

#### 7. Paint Application

For applying paint, we recommend long-bristle fur or textile paint roller (length of hairs or threads is 18 - 20 mm; the following can be used: natural and artificial fur or textile linings made of different synthetic threads – vestan, dralon, nylon, perlon or polyester) or a painting brush suitable for 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 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. We recommend you to remove protective stripes 24 hours following the application of the final coat.

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.

## 8. 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.

## 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 18 months.

## 10. Other Information

Technical instructions 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. JUB also bears no responsibility in cases where the substrate for the application of our products is prepared inadequately or with materials of inadequate quality from other manufacturers. In the case of applying our products to existing substrates of old coatings or pre-prepared substrates with materials from other manufacturers, it is obligatory to make appropriate test fields with all the intended applications of JUB products, in accordance with the technical instructions, before starting the work.

Safety measures: Follow the instructions on the safety data sheet of the product.

The colour shade may differ from the print in the colour chart, from the sample or from approved sample. 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 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 nonsufficiently coarse, to humid or nor 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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