

TECHNICAL SHEET 03.02.15-EN



JUPOL Citro strong

Superior washable paint with effective protection of the film against mould

1. Description, Application

JUPOL Citro strong is an interior wall paint based on a water dispersion of polymer binders, particularly suitable for high-traffic areas where cleanliness and hygiene are required, such as spaces prone to the occurrence and development of mold. The resistance of the paint film to mold is determined in accordance with the standard SIST EN 15457.

This paint is characterized by a low content of volatile organic compounds (VOC), and it does not contain plasticizers or heavy metals. It is easy to apply and available in a wide range of color shades. The paint film has a silky sheen and is washable or highly resistant to wet scrubbing, allowing lightly adhered dirt to be wiped off from painted surfaces with a cloth soaked in a solution of common household cleaners or medical disinfectants.

Suitable substrates include fine render finishes of all types, concrete, as well as gypsum - cardboard, etc.

2. Colour Shades

- white (shade 1001)
- shades under the colour chart JUB Favourite Feelings D-G
- tinting to pastel colour shades is possible with DIPI Super color (up to 750ml/15L of white paint) or to more intensive colour shades with DIPI Koncentrat (up to 100ml/15L of white paint)
- delivery in shades designed at a special request of the customer is possible under certain conditions

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

3. Technical data

Packaging	2 l, 5 l
Density	~1.43 kg/dm ³

Content of vaporous substance (VOC)		1 g/l	
The EU VOC requirement - category		A/a<30	
Water dilution mass		5%	
Water dilution volume		~7%	
Drying time	Touch dry	3h	
T = +20 °C, relative air humidity = 65 %	Suitable for further treatment	4-6h	
Consumption		150-190 ml/m² (for a two-coat application)	
Recommended number of layers		2	
Characteristics of a dry paint film	Classification according to EN13300	Resistance to wet scrubbing	resistant, class 1
		Coverage	class 1
		with efficacy of	7m²/l
	Vapor permeability EN ISO 7783-2	Appearance	semi matt
		μ, coefficient	<6848
		value Sd (d = 100 μm)	<0.685m class 2 (medium water vapour permeability)
Adhesion to standard concrete (EN 24624)		>0.5 MPa	

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

Surface should be solid, dry, and clean, with no badly adhered particles, dust, oil stains, or other filth.

Drying time of new renders and levelling compounds in normal conditions (T = +20 °C, relative air humidity = 65 %) is at least 1 day for each mm of thickness, while for concrete surfaces the drying time is at least one month. From already painted surfaces, remove all paint coats, paints and precoat with oil paints, lacquers and enamels which get easily and quickly soaked in water. Surfaces infected with wall mould, must be disinfected prior to painting.

Application of a primer is obligatory before the first painting. We recommend ACRYL Emulsion diluted with water (in ratio 1:1). We can start painting 6 hours (ACRYL Emulsion) after applying the primer in normal conditions (T = 20 °C, relative air humidity = 65%).

For restorative paints and before applying the paint to substrates smoothed with dispersion leveling compounds, a primer is usually not required.

For technical information on these primers, please read the technical data sheet.

6. Preparation of Paint

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

The color of the same shade, which is used to paint larger areas in a large enough container, is equalized from at least three buckets, when one third of the equalized color is used, a new color is added to the container and it is equalized with the rest of the color from before. White tinting is not required.

Any “repairs” of the paint during application (addition of tinting agents, diluting, and similar) are not allowed.

7. Paint Application

We apply the color in two layers with a 4-6 hour interval ($T = 20\text{ }^{\circ}\text{C}$, relative air humidity = 65%). 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 – polyamide, dralon, vestan, nylon, perlon or polyester) or a painting brush suitable for application of dispersion wall paints.

An individual wall surface is painted without interruptions from one end to the other. 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.

Thoroughly clean the tools with water immediately after 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. The use of an aqueous solution of standard medical disinfectants, on which the colored film is tested according to the ISO 2812 - 4:2007 standard, is also permitted for cleaning and disinfection of painted surfaces.

However, where filth and stains cannot be removed applying the methods described above, renovation painting is conducted, as described in the chapter “Paint Application”. At renovation painting, application of a primer is usually not necessary.

9. Storage, Transportation Conditions and Durability

Storage and transportation at temperature $+5^{\circ}\text{C}$ to $+25^{\circ}\text{C}$, 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. 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 ΔE_{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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