

TECHNICAL SHEET 03.01.07-EN



JUPOL Junior

High coverage ready to use washable paint for playrooms

1. Description, Application

JUPOL Junior is high coverage interior wall paint based on water dispersion of modern polymeric binders. It is suitable for new and renovation painting of wall and ceiling surfaces. Dry color film is well vapor permeable, resistant to wet scrubbing (class 2) and has a dead matte appearance. It is easy to apply since the slightly "creamy" consistency reduces dripping, trickling and splashing to the lowest possible degree. Suitable surfaces include fine render finishes of all types, surfaces levelled with levelling compounds, relief paper wallpapers, relief wallpapers made of fibre glass, gypsum-cardboards and fiber-cement boards, chipboards, unplastered concrete and similar. It does not contain heavy metals and has a low content of volatile organic compounds.

2. Colour Shades

vanilla creme 310, golden star 320, dragon green 330, good ghost 340, sky hero 350, pirate blue 360, candy pink 370, miss lilly 380

3. Technical data

Packaging		2.5 l
Density		~1.485 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 T = +20 °C, relative air humidity = 65 %	Touch dry	3h
	Suitable for further treatment	4-6h
Consumption		115-135 ml/m ² (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 2
		Coverage with efficacy of	class 1 8m ² /l
		Appearance	dead matt
	Vapor permeability EN ISO 7783-2	μ, coefficient	<56
		value Sd (d = 100 μm)	<0.006m class 1 (high 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

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), in case of use on more demanding and more absorbent surfaces, is used water-diluted deep base coat JUKOL Primer (in ratio 1:1).

With painting, you can begin under normal conditions (T = 20 °C, relative air humidity = 65%) 6 hours (ACRYL Emulsion) or 12 hours (JUKOL Primer) after applying the primer.

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

No special preparation of the paint is usually necessary prior to the application – only stir well if watery liquid has formed on its surface during transport or longer storage. Dilute the paint with water before use (see table above) if it is applied with a brush (e.g. onto surfaces to which it cannot be applied with a roller for whatever reason) or if a long-fibre paint roller is used for paint application instead of the short-fibre roller and also in the case of painting of strongly absorbent surfaces. ATTENTION! Paint coverage decreases rapidly with diluting!

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

Paint is applied using JUPOL Junior roller (or using a similar short-bristle fur or textile paint roller – length of hairs or threads is app. 10 mm; the following can be used: natural and artificial fur or textile linings made of different synthetic threads – vestan, dralon, nylon, perlon or polyester). “Scoop” the paint with a roller directly from the original container, do not use a bucket grid.

Apply the paint in one coat in the case of renovation painting of not excessively dirty surfaces and in two coats 4 - 6 hours apart in all other cases ($T = +20^{\circ}\text{C}$, rel. air humidity = 65 %). A two-coat application is obligatory also in case the paint is diluted. When scooping the paint with a long-fibre paint roller, strain the roller suitably on a paint bucket grid.

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.

Thoroughly clean the tools with water immediately after use.

8. Maintenance and Restoration of Painted Surfaces

Painted surfaces do not require any special maintenance. The non-adhering dust and other non-adhering filth can be swept, vacuumed or washed away by a jet of water. Adhering dust and more obstinate stains can be removed by light rubbing with a wet cloth or with a sponge soaked into a solution of usual universal household preparations and washed away by clean water.

However, where filth and stains cannot be removed applying the methods described above, renovation painting is conducted, as described in the chapter "Paint Application". In the case of renovation painting of less dirty surfaces, only one paint application usually suffices. 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 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. 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 shades from JUB's FF color 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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