

## TECHNICAL SHEET 03.04.01-eng INTERIOR WALL PAINTS

# JUPOL TREND

One-coat interior wall paint

### 1. Description, Application

JUPOL TREND is an interior wall paint based on water dispersion of modern polymeric binders. It is suitable mainly for **quick renovation painting of wall- and ceiling surfaces in accommodation premises, protocol and business buildings, galleries and other showrooms, rooms hosting congresses, promotional and similar activities, in schools, nursery schools, hotels, hospitals, medical centres, residences for the elderly and similar.** Suitable surfaces include all types of well-adhered and not excessively easily and quickly soaking old dispersion coats and, at first painting, also fine render finishes of all kinds, surfaces levelled with levelling compounds, relief paper wallpapers, relief wallpapers made of fibre glass, as well as gypsum-cardboards and fibre-cement boards, chipboards, unplastered concrete and similar.

JUPOL TREND is **easy to apply due to the slightly “creamy” consistency, which reduces dripping, trickling and splashing to the lowest possible degree.** It is available in eleven modern and intensive shades. It is **distinguished by low content of vaporous organic substances and it does not contain softening agents and heavy metals.** Paint film is **highly water vapour permeable** and **highly resistant to wet scrubbing – washable**, so that the not extremely-adhered filth can be wiped from the painted surfaces with a cloth soaked into a solution of conventional household preparations. A one-coat application usually suffices to paint wall surfaces, which are normally absorbent, light and not excessively dirty.

We can add 5 to 7.5 % (50 to 75 ml/l) of JUBOCID to the paint for decorative protection of wall and ceiling surfaces 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 2.5 l:

- colour shade 01 – coconut
- colour shade 10 – lemon
- colour shade 20 – orange
- colour shade 21 – apricot
- colour shade 22 – lychee
- colour shade 30 – cherry
- colour shade 31 – red grape
- colour shade 40 – olive
- colour shade 50 – marine
- colour shade 60 – chocolate
- colour shade 61 – cappuccino
- colour shade 70 – orchid

Two or more paints of various shades can be mixed in optional ratios!



### 3. Technical Data

Density (kg/dm <sup>3</sup> )		1.39 to 1.54 (depending on the shade)	
Content of vaporous organic substances (VOC) (g/l)		<1 The EU VOC requirement – category A/a (as of 1 January 2010): <30	
Drying time T = +20 °C, relative air humidity = 65 % (hours)	Touch dry	~3	
Characteristics of a dry paint film	Classification according to EN13300	Resistance to wet scrubbing	Resistant, class 2
		Coverage	Class 1 with efficacy of 8.0 m <sup>2</sup> /l
		Appearance	Dead matt
	Vapour permeability EN ISO 7783-2	coefficient μ (-)	<100
		Sd value (d = 100 μm) (m)	<0.01 Class 1 (high water vapour permeability)

Main ingredients: ethylene-vinyl acetate binder, fine calcite and aluminosilicate fillers, titanium dioxide, cellulose thickeners, water

### 4. 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 pre-coats 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.

Always apply a primer prior to the first application of the paint. We suggest water-diluted AKRIL EMULSION (AKRIL EMULSION : water = 1 : 1). In the case of more demanding and less quality surfaces (less quality coatings made of gypsum-cardboards, gypsum render finishes, fibre-cement boards, chipboards and unplastered concrete surfaces) apply water-diluted JUKOLPRIMER (JUKOLPRIMER : water = 1 : 1). Apply the primer with a paint or masonry brush or a long-fibre fur or textile paint roller or spray it. In normal conditions (T = +20 °C, relative air humidity = 65 %), painting may begin 6 (AKRIL EMULSION) or 12 (JUKOLPRIMER) hours after the application of the primer.

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

Indicative or average consumption (depending on absorption and roughness of the surface):

AKRIL EMULSION	90 – 100 g/m <sup>2</sup>
or	
JUKOLPRIMER	90 – 100 ml/m <sup>2</sup>

### 5. 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 up to 5 % of water before use 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 and adding of biocidal preparations, e.g. JUBOCID!



Equalise the paint from different production batches or of different production dates needed to coat the finishing wall surface (or, better still: all surfaces, which are painted in the same colour 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.

Any "repairs" of the paint during application (addition of tinting agents, diluting, and similar) are not allowed. The quantity of paint required for painting individual surfaces can be calculated or estimated based on the size of the surfaces or based on the data on average consumption. In special cases, the consumption is determined by measuring on the test surface of appropriate size.

## 6. Paint Application

Paint is applied using JUPOL TREND 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 – nylon, dralon, perlon, vestan 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 ( $T = +20\text{ }^{\circ}\text{C}$ , 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.

Painting is possible only in suitable weather or microclimate conditions: temperature of the air and the wall surface should not be lower than  $+5\text{ }^{\circ}\text{C}$  and not higher than  $+35\text{ }^{\circ}\text{C}$  and relative air humidity should not be higher than 80 %.

Approximate or average consumption for a one-layer application:  
 JUPOL TREND ~125 ml/m<sup>2</sup>, depending on the surface absorption and coarseness

## 7. Tool Cleaning, Waste Management

Thoroughly clean the tools with water immediately after use.

Keep unused paint (only the undiluted part!) in a well sealed packaging for potential repairs and later usage. Waste liquid remains must not be emptied into drains, watercourses or environment and they must not be disposed together with domestic wastes. Mix them with cement (hardened mortar remains and wastes, sand or sawdust may be added to them) and when they harden, deposit them onto the dumping grounds of construction waste (waste classification number: 17 09 04) or municipal waste (waste classification number: 08 01 12).

Cleaned packaging can be recycled.

## 8. Safety at Work

Follow general instructions and regulations for construction or painting works, while the use of special personal protection means and the application of special measures for safe work are 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. 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 soft brush 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.

## 10. Storage, Transportation Conditions and Durability

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

## 11. Quality Control

The product's quality characteristics are determined with the internal manufacturing specifications as well as with the Slovenian, 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 daily monitor quality in our own labs, at the Construction Institute in Ljubljana, at Forschungsinstitut für Pigmente und Lacke in Stuttgart and occasionally also at other independent institutions at home and abroad. The quality level is also ensured by the ISO 9001 system for total quality management and control, which has been implemented at JUB for many years. 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 and OHSAS 18001 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.

The colour shade may differ from the print in the colour chart. 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. 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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