

TECHNICAL SHEET 08.08.04-EN



JUBIZOL Decor finish 1,0 mm

1. Description, Application

JUBIZOL Decor finish 1,0 mm is a coarse dispersion mass made on polymer binders for the production of various decorative techniques on external vertical surfaces. It is suitable for the production of the JUBIZOL Beton look and JUBIZOL Decor Travertine techniques. The selected techniques are suitable for use on smaller surfaces, such as: walls at the entrances to the building, loggias on balconies, smaller demarcations on floors, for decorative treatment of smaller escarpments, smaller supporting and supporting walls, etc. The mandatory base is plaster with a maximum grain size of 1.0 mm. Before use on real buildings, the contractor should make a small sample, which is approved by the investor or the owner of the building before installation.

In addition to high strength, the product also features solid water repellency. Good resistance to the effects of flue gases, UV rays and other atmospheric conditions ensures its durability in all climatic conditions. Treated surfaces are guaranteed long-term resistance against infection by wall algae and mold, so adding biocidal substances before installation is not necessary.

2. Colour Shades

- White (colour shade 1001)
- According to the predetermined color combinations listed in the JUBIZOL Decor brochure - (tinting at JUMIX tinting stations at sales points!)
- Colour shades from the JUB FAVOURITE FEELINGS colour chart ending with D, E, F and with brightness (Y) above 35 - (tinting at JUMIX tinting stations at sales points!)

Delivery of render finishes in shades designed on special request of the customer - brightness (Y) above 35.

3. Technical data

Packaging	25 kg
Density	~1.7 kg/dm ³
Water dilution	0 %

Layer thickness		~1-2 mm
Drying time T = +20 °C, relative air humidity = 65 %	Touch dry	6 h
Average consumption		~1.7 kg/m ² /mm
Vapor permeability EN ISO 7783-2	coefficient μ	<180
	value Sd (d = 1,0 mm)	<0.18 m class 2
Water absorption w ₂₄ (EN 1062-3)		<0.05 kg/m ² *h _{0,5}
Water absorption class		class W3
Adhesion according to EAD 040083-00-0404, point 2.2.20.2		>0.5 MPa

4. Installation Conditions

The temperature of the air and the wall surface should be between +10°C and +25°C and the relative air humidity should be below 80 %. Protect façade surfaces from sun, wind and rainfall using protective scaffold nettings; however, do not conduct any work in rain, fog or strong wind (≥ 30 km/h) despite such protection.

5. Surface Preparation

The mandatory base is a decorative plaster with a maximum grain size of 1.0 mm. In the event that the decorative plaster is installed on concrete surfaces, only these must be properly waterproofed and aged, and for basic plasters, better quality mortars with at least 160 gram reinforced glass fiber mesh must be used.

Newly installed decorative plasters must be dried for at least 1 day before installing the decorative facade mass (the stated drying time applies to normal conditions: T = +20 °C, relative humidity = 65%).

6. Preparation of Render Finish for Application

Prior to application, stir thoroughly the render finish with an electric mixer before use. Dilution with water is not allowed. The colour shade must be checked; then, equalize the render finish in order to remove even the slightest or imperceptible differences in colour shade between individual buckets. Stir the content of four buckets well in a large container of appropriate size. When a quarter of the so prepared compound is used, the content of the next bucket is poured into the container and mixed properly with the rest of the render finish, etc. Equalisation of white renders, which belong to the same production batch or to the same production date and which have not been diluted, is not necessary.

Reworking the render finish during application (adding tinting agents, diluting, and similar) is not allowed.

7. Application of Render Finish

Apply the render finish min thickness of 1 to 2 mm manually with a stainless steel smoothing trowel. In the case of larger application thicknesses, cracking of the surfaces may occur. The choice of coating thickness, which should be as uniform as possible over the entire surface, depends on the desired decorative technique. The still fresh application can be treated with a painter's spatula, trowel, sponge, brush, embossed painter's rollers, hands, etc., in order to obtain the most even appearance possible, which, due to the high thixotropy of the mortar mixture, the application retains until it finally hardens. Excessive wetting (sprinkling with water) or strong smoothing of the mass after the formation of the film is not recommended, as cracks may appear on the surface. More detailed instructions for the implementation of various decorative techniques are given in the JUBIZOL Decor brochure.

Perform the application as fast as possible, without any interruptions from one corner of the wall to the other. When applying the render finish onto wall surfaces higher than one floor, it must be applied simultaneously to all floors: in such cases, always begin the application at the top floor, while performing a phase-delayed "step shift" in lower floors. Larger wall surfaces should be divided into smaller sections by using adequately wide decorative grooves, mortar trims, and other decorations, frames or in any other way. In this manner we avoid potential problems caused by continuous application of the render finish as well as non-aesthetic appearance due to a potentially uneven surface. Joints between planes in inner or outer corners can be made easier by preparing a few

cm wide, finely smoothed stripes, which also give a pleasant decorative appearance to processed surfaces. Decorative smoothed stripes, grooves, mortar trims, frames, and similar are usually made prior to the application of the decorative render finish. They are protected by suitable wall paints, while paying attention not to apply coatings encroaching onto surfaces prepared for the application of the render finish.

The resistance of freshly treated surfaces to damage caused by rainwater (wash-off) is normal conditions (T = +20 °C, relative humidity = 65%) reached within 24 hours at the latest. Thoroughly clean the tools with water immediately after use. Dried stains cannot be removed.

8. Maintenance and Restoration of Treated Surfaces

Façade surfaces processed with JUBIZOL Decor finish 1,0 mm do not require any special maintenance. The non-adhering dust and other non-adhering filth can be swept, hoovered or washed away with 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.

On surfaces from which it is not possible to remove dirt or stains in the described manner, we carry out restoration painting, which should be the same technique used to treat the original application of coarse decorative mass.

9. Storage, Transportation Conditions and Durability

Storage and transportation at temperatures between +5°C and +25°C, protected from direct sunlight, out of the reach of children, **MUST NOT FREEZE!**

Shelf life when stored in originally sealed and undamaged packaging: at least 18 months.

10. Other Information

The 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.

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 or from the approved sample. However, the total colour difference ΔE_{2000} for shades from the JUB's FAVOURITE FEELINGS colour charts – it is determined in accordance with the ISO 7724/1-3 and with a mathematical model CIE DE2000 – does not exceed 2.5. In order to check the colour shade, a dry application of render finish 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 render finish made on the basis of other samplers and colour charts is the best possible approach 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, overly or not enough absorbing surface, more or less coarse surface, on a wet or not dried enough surface, cannot be subject of complaint.

For External Wall Insulation (EWI) systems, we recommend render finishes with the brightness (Y) over 35. Darker render finishes and render finishes of intensive colour shades are less stable under heavy conditions of use, less resistant to being washed out by precipitation and tend to chalk more. Complaints regarding changes, which might thus occur on exposed façade surfaces, especially in the form of faster bleaching, will not be accepted. Therefore, one should consult JUB's experts for each case individually regarding conditions for the application of such renders and the maintenance of processed surfaces. The list of such susceptible colour shades is available at stores where JUMIX tinting stations are located as well as in our sales and technical information department.

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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