

## TECHNICAL SHEET 04.01.04-EN



# DECOR Marmorin

## Decorative wall paste coating

### 1. Description, Application

DECOR Marmorin is a decorative acrylic paste coating intended for more demanding treatments of interior wall surfaces of banks, theatres, hotels, jewelry shops, sweet shops, beauty salons and other business premises. It can also be aesthetically included in treatment of walls of various residential environments. With DECOR Marmorin, one can make a variety of different decorative techniques such as: ACERO, AURORA, TRAVERTIN, VERSUS, CLASSIC, EGEO, SPATOLATO and others. In addition to the listed techniques, one can use a product with a little bit of imagination in many other ways. Smoothness of the processed surface, partial transparency and a typical structure of the application showing soft or hard, rhythmic or random trowel strokes, provide to treated surfaces an interesting fantasy touch or an authentic image of a selected texture of a stone, leather, linen or wood. Additional coating of processed surfaces with DECOR Marmorin shine increases gloss and water repellence of treated surfaces, which also become easier and better to maintain and clean.

### 2. Colour Shades

- White (shade 1001)
- 348 shades from the PAINTS AND RENDERS colour chart (on JUMIX tinting stations at points of sale)
- Tinting is possible with JUPOL Gold, DIPI Super color and DIPI Konzentrat (adding in the amount of up to 2 %)
- Under certain conditions, delivery of paints designed at a special request of the customer is also possible.
- Mastic can be mixed in any ratios

Coatings of various shades can be mixed in optional ratios!

### 3. Technical data

Packaging	1 kg, 8 kg
Density	~1.566 kg/dm <sup>3</sup>
Water dilution mass	0 %
Water dilution volume	0 %

Drying time		Touch dry	~3 h
T = +20 °C, relative air humidity = 65 %		Suitable for further treatment	~24 h
Consumption			~300-500 g/m <sup>2</sup>
Recommended number of layers			2-3
Characteristics of a dry paint film	Classification according to EN13300	Resistance to wet scrubbing	75.8 resistant, class 4
	Vapor permeability EN ISO 7783-2	value Sd (d = 100 um)	>0.14 m

#### 4. Installation Conditions

The temperature of air and wall surface should not be lower than +5 °C and not higher than +35 °C, and relative air humidity should not exceed 80 %.

#### 5. Surface Preparation

The surface should be solid, dry, and clean - without any badly-adhered particles, dust, remains of panelling oils, fat or other filth.

In normal conditions (T = +20 °C, relative air humidity = 65 %), dry or mature the newly applied renders and levelling compounds for at least a day for each mm of their thickness, while for concrete surfaces drying time is at least one month. In case of paint renovation, thoroughly remove from the surface all old badly-adhered coatings, slurries and other decorative coats, all of which get easily soaked in water. Prior to painting, it is obligatory to disinfect surfaces infected with wall mould.

The application of a primer is obligatory. JUB suggests water-diluted ACRYL Emulsion. In the case of more demanding and less quality surfaces (less quality linings made of gypsum-cardboards, gypsum renders, fibre-cement boards, chipboards and unplastered concrete surfaces) apply water-diluted JUKOL Primer or VEZAKRIL Primer.

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

To apply DECOR Marmorin in the "spatolato" technique, level the surface with JUBOLIN P50 Extra fine, which is applied onto a dry primer in two coats (consumption ~1.0 to 2.0 kg/m<sup>2</sup>) or DECOR Relief base in two coats (consumption ~1.5 to 2.0 kg/m<sup>2</sup>). Sand each coat with fine sandpaper so that the surface becomes completely smooth (polishing of the levelling compound is usually possible ~12 hours after the application of an individual coat). Additionally reinforce the smoothed surface with a coat of undiluted ACRYL Emulsion (emulsion consumption ~150 g/m<sup>2</sup>). Apply DECOR Marmorin only when the reinforcement coat is dry, i.e. after approximately 12 hours.

In the case of other application techniques, smoothing the surface is usually not necessary.

#### 6. Preparation of putty for installation

DECOR Marmorin is ready-to-use coating so no special preparation is usually necessary. A compound of different colour shades can be mixed in optional ratios. DECOR Marmorin can be tinted (up to 2 % of DIPI Super color, JUPOL Gold or DIPI Konzentrat can be added) and it can be diluted with water in accordance with the application technique. Adding of pigment preparations reduces the shine of processed surfaces, while diluting increases shrinking of the applied compound and thus increases the related higher probability of the occurrence of cracks, so do not exaggerate with any of the mentioned.

Equalise DECOR Marmorin needed to process the finishing wall surface (or, better still: all surfaces, which are painted in the same colour shade in an individual room) 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 the coating even for a one-layer application, mix coatings from at least three containers in an equalisation container first. When a third of the so prepared compound is used, toss the content of a new coating into the container and stir it well together with the rest of the coating already in the container, etc. Equalisation of factory-produced shades of DECOR Marmorin of the same production batch, which has not been diluted, is not necessary.

Any subsequent reworking of wall paste coating (adding tinting agents, diluting, and similar) is not allowed. Quantities necessary to process individual surfaces are calculated or estimated on the basis of the area of these surfaces and data on consumption rate, and, in specific cases, consumption is determined by making measurements on a test surface that is large enough.

## 7. Installation Instructions

The most common is the “spatolato” application technique, where DECOR Marmorin is applied into the first coat with a stainless steel trowel or a stainless steel smoothing trowel. Apply the compound cross-wise, so that an even, but a more or less relief structure is achieved on the processed surface. The compound can also be applied with a foam or shortfibre fur paint roller (dilute it with water a little for such an application) and the desired relief structure is achieved with further treatment of the fresh application with a stainless steel, plastic or wooden trowel. Excess compound is usually removed promptly, only exceptionally the application is left to dry and the excess material is sanded with sandpaper, which should be as fine as possible.

Apply at least two coats onto the base coat in the same or similar technique, while compounds of various colour shades can also be combined. Apply each further coat only after the previous one is dry; in normal conditions this happens after approximately 24 hours. Never sand the final coat, but polish it with a stainless steel trowel when it is dry. Strokes of the tool, which has been used to apply the compound with into individual coats, become more or less visible only during polishing. The surface acquires an interesting and unevenly intensive shine. Then, protect the polished surface with DECOR Marmorin shine, which is applied in one or two coats using a soft cloth or sponge. By doing so, the structure picture is slightly “softened” or the texture of the processed surface, which has been expressed in the sharpest manner, is slightly blurred. Polish the dry surface with a dry and soft cloth until it is glossy. DECOR Marmorin shine can also be replaced by a coat of DECOR Perla.

The second most common manner of applying DECOR Marmorin is a “thick-coat application technique”. In this case, apply DECOR Marmorin of two or more colour shades onto the surface with a stainless steel trowel, various paint rollers and other utensils so that by combining different colours you achieve a “picture” of optional fantasy patterns or a more or less authentic or abstractly imitated texture of a stone, leather, wood or other materials. Now apply coats of different colours onto the processed surface in stripes of different widths close together or separate them with thin coats of JUPOL Gold or highly water-diluted DECOR Marmorin. Thickness of the applied coat is usually 2 to 3 mm, but it can also be more than that. Applications of greater thicknesses usually crack intensively during drying, which could be taken advantage of in the sense of a further decorative effect, especially if cracks are filled with DECOR Marmorin of a contrast colour shade. Sand the dry lining manually or by machine roughly at first and then with fine sandpaper removing approximately 1 to 2 mm of the applied material. Then, polish the sanded surface using a stainless steel trowel and protect it with DECOR Marmorin shine, applying the same procedure as in case of final treatment of the application in the “spatolato” technique.

DECOR Marmorin can also be applied in a number of other techniques, which actually include the almost non-artisan or “painting” treatments of wall surfaces, when by combining different coats - painting with different wall paints and DECOR Marmorin applications, which is formed in a relief manner with a wide range of devices - not only more or less relief decorations, which are pleasant to look at, but true works of art are created.

Thoroughly clean the tools with water immediately after use.

## 8. 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 24 months.

## 9. 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.

The colour shade may differ from the print in the colour chart since it depends on the application technique as well as the thickness and the number of applications. In order to check the colour shade, a dry application of the coating on a standard test cardboard is compared to a standard of the concerned shade, which is stored in the TRC JUB d.o.o. 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 the application of the product onto an unsuitably prepared surface and on a wet or not dried enough surface, cannot be subject of complaint. Safety measures: Follow the instructions on the safety data sheet of the product.

This technical sheet supplements and replaces all preceding editions. JUB reserves the right to change and supplement data in the future.

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