

**TECHNICAL SHEET 04.01.18-GBR**  
 DECORATIVE TREATMENT OF INTERIOR SURFACES

## DECOR Crystal

Decorative coating for interior

### 1. Description, Application

DECOR Crystal is a refined and prestigious decorative finishing coating intended for the interior. It is distinguished by exceptional gloss and glittering of crystals originating from non-transparent pigments which ensure natural dark and bright colour shades. Thanks to its unique characteristics, DECOR Crystal can be used in very elegant ambiances, in classic or neoclassic styles, in modern spaces, public facilities and private apartments. It is non-flammable and it becomes washable three weeks after application.

### 2. Packaging and Colour Shades

Component A (DECOR Crystal): Plastic pots: 0.65 l

Component B (DECOR Crystals): Plastic boxes: 26 g

It is tinted at the JUMIX system, in colour shades according to the DECOR Crystal colour chart.

### 3. Technical Data

Density (kg/dm <sup>3</sup> )		1,200 (±5 %)
Drying time <2 T = +20 °C, rel. air humidity = 65 % (hours)	Touch dry	1 h
	Completely dry	24 h

#### Component B

Bulk density (kg/dm <sup>3</sup> )	0.4 – 0.5
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Main ingredients: acrylic adhesive, pigments with crystal effect, natural or synthetic biostable mice, pigments, additives.

### 4. Surface Preparation

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

If uneven parts exist, the substrate must be additionally rendered and well levelled.

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. Dry concrete surfaces for at least a month. Remove all paint



coats that soak easily and quickly in water and coatings of oil paints, varnishes and enamels from the already painted surfaces. Prior to painting, it is obligatory to disinfect surfaces infected with wall mould.

## 5. Preparation

Prior to use, tint DECOR Crystal in desired colour shade.

## 6. Application of Technique

Prior to the application of DECOR Crystal, DECOR Primer fine quartz must be applied onto the substrate tinted in a colour shade similar to the one in which the decorative technique is tinted. The coating is applied by using a roller or brush, in one coat. Prior to the application of technique, the primer should dry for 4-5 hours.

Application of decorative technique: Add DECOR Crystals (component B) into DECOR Crystal tinted in desired colour shade, and then mix it. The material prepared in such way is applied by using a brush, roller or airless device, onto already prepared substrate. If necessary, the second coat can also be applied. Each coat requires app. 6 hours of drying.

The application of DECOR Crystal is possible only in suitable conditions or suitable microclimate conditions: the temperature of the air and the wall surface should be between +5°C and +35°C and the relative air humidity should be below 80 %.

Approximate or average consumption for a 2-coat application: DECOR Crystal 100 - 110 ml/m <sup>2</sup> depending on absorption and roughness of the surface
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## 7. Tool Cleaning, Waste Management

Thoroughly clean the tools with water immediately after use.

Keep unused primer (only the one that has not been diluted!) in a well-sealed packaging for potential repairs or later use. 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 and Health at Work

Further instructions regarding handling the product, use of personal protection equipment, waste management, tool cleaning, first aid measures, warning signs, signal words, components determining hazard, hazard statements and safety statements are listed in the product's safety sheet which you can find on [www.jub.rs](http://www.jub.rs) or you can require it from the manufacturer or seller.

When applying the product, the instructions and regulations regarding safety for construction, façade and painting works should also be observed.

## 9. 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!

Shelf life when stored in an originally sealed and undamaged packaging: at least 24 months.

## 10. Quality Control

The product's quality characteristics are determined by the internal manufacturing specifications as well as by the local, 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 has been implemented at JUB for many years and which comprises daily quality checks in our own laboratories, occasionally at the Construction Institute in Ljubljana, at the Forschungsinstitut für Pigmente und Lacke in Stuttgart and at other independent expert institutions in Slovenia and abroad. During the manufacturing process, JUB strictly complies with the Slovene and European standards for the protection of the environment and for ensuring security and health at work, which has been confirmed by the ISO 14001 and OHSAS 18001 certificates.



## 11. Other Information

Technical instructions contained in this brochure are provided based on our experience and are given as a guideline to achieve the optimum results. We shall not accept any responsibility for damage caused by incorrect selection of a product, incorrect use or unprofessional work.

Tinted product may differ from the sample in the colour chart or from the approved sample. However, the total colour difference  $\Delta E_{2000}$  – it is determined in accordance with the ISO 7724/1-3 and with a mathematical model CIE DE2000 – does not exceed 1.5. In order to check the colour shade, a dry application of paint on a test surface is compared to a standard of the concerned shade. A colour shade of a paint made on the basis of other colour charts is the best possible approximation 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, over or not enough absorbing surface, more or less coarse surface, or on a wet or not dried enough surface cannot be subject of complaint.

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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