

TECHNICAL SHEET 04.01.12-EN



DECOR Smooth relief

Multifunctional decorative mass

1. Description, Application

DECOR Smooth relief is a dispersion leveling compound for fine smoothing of surfaces before treatment with various decorative techniques, and is also suitable for making decorative techniques with stencils. Due to its high thixotropy, the compound is also suitable for the treatment of dents, cracks, and the repair of other defects or damages up to 8 mm deep. The smoothed surfaces are grey-white in color and are suitable for painting with all types of dispersion wall paints. Compound has adequate adhesion to lime, lime-cement, as well as cement fine plasters and plasterboards, it is also useful for smoothing unplastered concrete surfaces, fiber cement boards, chipboards, etc. It is also possible to apply it to already painted surfaces, but only if the coatings have adequate adhesion and are not sensitive to moisture.

2. Technical data

Packaging	8 kg	
Density	~1.62 kg/dm ³	
Layer thickness	< 8 mm	
Drying time T = +20 °C, relative air humidity = 65 %	T = +20 °C, rel. vl. zraka = 65 %	~12 h
Average consumption	1.2 kg/m ² /mm	
Vapor permeability EN ISO 7783-2	μ, coefficient	< 40
	value Sd (d = 3 mm)	0.12 m class 1 (high water vapour permeability)
Adhesion to conventional lime-cement (EN 4624)	> 0.45 MPa	

3. 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%.

Adequate ventilation must be provided in the room where the product is used.

4. Surface Preparation

The surface should be solid, dry and clean, without any badly adhered particles, dust, salts that are easily soluble in water, fat linings and other filth. Hoover or remove by brushing dust and other non-adhered filth. Wash the non decomposed remains of panelling oils from concrete surfaces with a jet of hot water or steam. Remove paint coats and coatings of oil paints, lacquers and enamels that are easily and quickly soluble in water from the already painted surfaces. Substrates infected with wall mould should be disinfected prior to applying the levelling compound. Prior to the application of levelling compound, dry or mature the newly applied render finishes 7 to 10 days for each cm of thickness. Levelling compounds are applied to new concrete surfaces only a month after concreting (stated drying times apply for normal conditions: T = +20 °C, RH = 65 %). 2 Prior to the application of levelling compound, it is recommended to use a primer, while for heavily absorbent and in some other way problematic substrates it is mandatory. Always apply a primer prior to applying the levelling compound. We recommend thinned ACRYL Emulsion. Under normal conditions (T = +20 °C, RH = 65 %), we can begin to apply the levelling compound 6 hours after the application of primer.

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

5. Preparation of Levelling Compound for Application

DECOR Smooth relief is mixed by using an electric mixer, without adding water.

6. Application of Levelling Compound

In case of flat leveling, the compound must be applied in two layers, whereby the thickness of each layer should not exceed 1 to 1.5 mm, and the total thickness of the two-layer application should not exceed 4 mm. The mass can also be used to fill indentations or other damages that are not deeper than 8 mm. Compound can be applied by hand - with a stainless trowel and mechanically - by spraying. For spray application, the most suitable "airless" aggregates with a working pressure of 200 bar and a spray nozzle with 0,035 a diameter of 0,035 are determined by testing the optimal parameters for spraying with screw and piston aggregates, taking into account the manufacturers' instructions. To remove the excess mass, use a stainless steel trowel, with which we try to smooth the surface as much as possible for smoothing larger surfaces, we recommend using a wide trowel.

When creating decorative techniques with stencils, we recommend using a dedicated stencil, which is placed on a previously smoothed and cleaned surface, and properly fixed so that it cannot move during the application of the mass. Apply the mass to the cut areas and smooth it as much as possible, then carefully remove the template from the base, taking care not to damage the areas with the applications. After removing the stencil, wait for the mass to dry.

7. 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 12 months.

8. 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.

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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