

TECHNICAL SHEET 02.01.06-EN



JUBOLIN Thermo 0-3

Insulating interior levelling compound

1. Description, Application

JUBOLIN Thermo 0-3 is a dispersion levelling compound used for fine smoothing of interior wall and ceiling surfaces of residential, business, industrial and other buildings. It contains small hollow balls which create a thermal barrier across the entire thickness of a dried paint film and surface which feels warmer and more comfortable than other neighbouring surfaces. In combination with the interior thermal insulating paint JUPOL Thermo, the thermal insulation effect is even improved. Additionally, this effect reduces the condensation probability of water vapour on the coating. If the condensation occurs anyway, the water on the surface dries faster than in case of traditional wall paints. This decreases the possibility of appearance of wall mould. After being smoothed, the surfaces are of white colour and suitable to be painted with all types of dispersion wall paints. However, in order to achieve feeling of a warmer surface and greater energy savings we recommend a combination with the interior thermal insulating paint JUPOL Thermo.

The levelling compound adheres well to lime, lime-cement and also cement fine render finishes and gypsum-cardboards. It can also be used to smooth unplastered concrete surfaces, unplastered walls made of porous concrete, fibre-cement boards, chipboards, and similar. It can also be applied onto the already painted surfaces, but only if the existing coats do not soak in water and are well adhered to the surface.

2. Technical data

Packaging	5 l	
Density	$\sim 0.867 \text{ kg/dm}^3$	
Layer thickness	0,5-1,0 mm	
Thermal conductivity	$>0,15 \text{ W/mK}$	
Drying time T = +20 °C, relative air humidity = 65 %	Suitable for grinding	$\sim 12 \text{ h}$
Average consumption	1150 ml/m ²	

Vapor permeability EN ISO 7783-2	μ , coefficient	122
	value S_d ($d = 2$ mm)	0.243 m class 2 (medium water vapour permeability)
Adhesion (EN 1015-12)	>0.8 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%.

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 sweep dust and other non-adhered filth, and wash away the non-decomposed remains of panelling oils from concrete surfaces with a high-pressure water blaster (hot water or steam). Remove paint coats and coatings from the already painted surfaces. It is obligatory to disinfect surfaces infected with wall mould prior to applying the levelling compound.

Prior to the application of a levelling compound, the newly applied render finishes have to dry or mature at least 7 to 10 days for each cm of their thickness. The levelling compound is applied to new concrete surfaces only a month after concreting (stated drying times of the surface are valid in normal conditions: T = +20 °C, RH = 65 %).

We recommend the application of a primer prior to the application of the levelling compound, while in case of highly absorbent and surfaces problematic in some other way, the application of a primer is mandatory. Use water-diluted ACRYL Emulsion or JUKOL Primer. In normal conditions (T = +20 °C, RH = 65 %), the application of the levelling compound may begin 6 hours after the application of a primer.

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

5. Preparation of Levelling Compound for Application

Only stir JUBOLIN Thermo 0-3 well before use.

6. Application of Levelling Compound

The compound is usually applied in two coats. Apply the compound manually – with a stainless steel smoothing trowel – spreading it across the processed surface. Sand the final coat with fine sandpaper, No. 180-220. Clean the tools thoroughly with water immediately after use.

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 18 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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