

TECHNICAL SHEET 02.02.10-EN



JUBOGLET Nivelin 0-3

Cement based interior leveling compound

1. Description, Application

JUBOGLET Nivelin 0-3 is a powder levelling compound used for fine levelling of interior wall and ceiling surfaces of accommodation, business, industrial and other buildings. It can also be used to fill smaller indentations, cracks, holes, abrasions and chinks, and to repair other flaws and damages. After being smoothed, the surfaces are of dirty white colour and suitable to be painted with all types of dispersion wall paints, wallpapered or processed in any other decorative manner. JUBOGLET Nivelin 0-3 adheres well to lime, lime-cement and also cement fine render finishes and gypsum-cardboards. It can also be used to smooth unproblematic, unplastered concrete surfaces, unplastered walls made of porous concrete, fiber 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 kg, 20 kg	
Density	~1.58 kg/dm ³	
Layer thickness	1-2 mm	
Water dilution mass	40 %	
Drying time T = +20 °C, relative air humidity = 65 %	Suitable for grinding	~12 h
Average consumption	1.25 kg/m ²	
Vapor permeability EN ISO 7783-2	μ, coefficient	<40
	value Sd (d = 3 mm)	0.12 m
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%.

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 paneling oils from concrete surfaces with a high-pressure water blaster (hot water or steam).

Remove all paint coats that soak in water and coatings of oil paints, varnishes and enamels 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 base-coats 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 %).

Before applying the leveling compound is a mandatory base coat with ACRYL Emulsion.

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

5. Preparation of Levelling Compound for Application

Pour the content of a bag (5 or 20 kilos) into approximately 2 or 8 liters of water and stir well manually or using an electric mixer to obtain a homogenous paste-like compound without lumps. Wait for at least 30 minutes for the compound to swell. Then stir it well again. If necessary, add some water. Apply the prepared compound in at least 24 hours. If covered with a little water, it can be applied within a week. In this case, pour the protective water layer away before use and stir the compound again.

6. Application of Levelling Compound

The compound is usually applied in two coats. The thickness of an individual coat should not exceed 1 to 2 mm and the total thickness of a two-coat application 3 mm. Apply manually - with a stainless steel smoothing trowel - or by spraying. As far as spraying is concerned, the most suitable aggregates for such application are "airless" aggregates with service pressure of 180 to 200 bars and a spraying nozzle with the diameter of 0,035", the optimum parameters for spraying with a spiral and piston aggregates are determined by testing while following producers' instructions. Use a stainless steel smoothing trowel to expand the compound across the processed surface, to remove excess compound and to smooth the surface as much as possible.

Sand the first coat with fine sandpaper prior to the application of the second one. The same applies to the second or the final coat. Polishing can be performed either manually or mechanically. If surfaces are prepared for more demanding decorative treatments, use sandpaper no. 150 and select between sandpapers no. 80 and 120 in all other cases.

Thoroughly clean the tools 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 12 months.

8. Other Information

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.

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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