

TECHNICAL DATA SHEET 02.01.16-GBR

LEVELING COMPOUNDS

JUBOGLET

Interior Powder Leveling Compound

1. Description, fields of application

JUBOGLET is a gypsum-based mixture for leveling larger wall or ceiling surfaces and uneven parts with a coat thickness of 8 mm. It can also be used for filling joints between gypsum-cardboard boards and for repairs of up to 8 mm deep scratches, abrasions and holes on interior wall and ceiling surfaces. Repaired and levelled surfaces can be painted with all types of emulsion wall paints if we finely level them beforehand with JUBOGLET, NIVELIN, JUBOLIN, JUBOLIN P25 or JUBOLIN P50 compound.

2. Packaging

Paper bags holding 20 kg

3. Technical data

density (mixture ready for application) (kg/dm ³)		~1.60
Coat thickness (mm)		up to 8 mm
Drying time T = +20 °C, rel. air humidity = 65 % (days)	Suitable for further treatment	~1 day (with thickness of 1mm, with air temperature of 20 °C and relative air humidity of 60%)
Water vapour permeability EN ISO 7783-2	μ coefficient (-)	<10
	S _d value (m)	< 0.01 (for d = 8 mm) class I (high water vapour permeability)
Adhesion to standard lime-cement render (1 : 1 : 6) EN 13279-2 (MPa)		>0.2 – demolition up to the concrete, loosens lime-cement render
Adhesion to gypsum-cardboard boards EN 13279-2 (MPa)		>0.30

Main components: gypsum, polymeric binder, calcite filler, cellulose thickener

4. Preparation of surface

Surface must be solid, dry and clean, without any badly-adhered particles, dust, salts easily soluble in water, fat linings, oil remains and other dirt. We remove all the water soluble paint coats and oil paint coatings, varnishes or enamels from already painted surfaces. It is obligatory to disinfect surfaces infected with wall mould prior to the application of the leveling compound. Prior to applying JUBOGLET, attach a banding mesh into the joints of gypsum-cardboard boards.

Always apply a primer prior to applying the leveling compound. We recommend thinned AKRIL EMULSION (AKRIL

EMULSION : water = 1 : 1), which we apply with a painting or masonry brush, or long-haired fur or textile painting roller, or by spraying. Under normal conditions ($T = +20\text{ }^{\circ}\text{C}$, rel. air humidity = 65 %), we can begin to apply the leveling compound 6 hours after the application of the primer.

Estimated or average consumption:	
AKRIL EMULSION	90 – 100 g/m ²

5. Preparation of the levelling compound for application

Prepare JUBOGLET by adding approximately 37.5 - 40 % of water (~0.38 l/kg) to the dry mixture. We pour the dry mixture into the measured amount of water and manually or with an electric mixer mix for approximately 1 minute (at low speed to avoid adding too much air) until we get a homogenous paste-like compound without lumps.

Pot life for application of the prepared mixture is approximately 80 minutes.

6. Application of the levelling compound

Apply the compound with a stainless steel smoothing trowel and on smaller surfaces also with a stainless steel masonry trowel. The coat becomes suitable for application only after it loses some water. The time necessary for this can range from a few minutes to one hour, depending on micro-climatic conditions, thickness of coat and water absorption of the surface.

Under normal conditions ($T = +20\text{ }^{\circ}\text{C}$, RH = 65 %) the coat solidifies within one to two days to such a degree that it can be sanded, while for further treatment - fine smoothing, painting – the coat is suitable only after it is "dry", or once its humidity falls below 5 %. The time necessary for drying under normal conditions ($T = +20\text{ }^{\circ}\text{C}$, RH = 65 %) is at least 1 day per each mm of thickness. For fine smoothing, we can use JUBOGLET or levelling compounds NIVELIN, JUBOLIN, JUBOLIN P-25 and JUBOLIN P-50. Before the application of the latter ones, we recommend coating the surface of a coat of JUBOGLET with thinned JUKOLPRIMER (JUKOLPRIMER : water = 1 : 1) or with thinned AKRIL EMULSION (AKRIL EMULSION : water = 1 : 1), thus we ensure better or easier treatment.

The application of the leveling compound is only possible under suitable conditions or under suitable micro-climatic conditions: air and wall surface temperature should not be lower than +8 °C and not higher than +35 °C, while relative air humidity should be no higher than 80 %.

Estimated or average consumption (depending on coat thickness, and surface levelness and coarseness)	
JUBOGLET	~ 0.5 kg/m ² - 1.4kg/m ²

7. Tool cleaning, waste management

Thoroughly clean the tools with water immediately after use.

Store the unused powdery mixture in a well sealed packaging for any repairs or later use. Mix useless remains and waste with water and remove them in a solid state to a disposal site for construction waste (classification number of waste: 17 09 04) or communal waste (classification number of waste: 08 01 12).

Cleaned packaging can be recycled.

8. Safety at Work

Follow general instructions and regulations on safety of construction work or works including paintwork. Respiratory protection with a protective mask and eye protection with protective glasses or a safety mask is necessary only when applying the paint manually or when grinding the applied compound mechanically.

9. Storage, Transportation Conditions and Durability

During transportation, protect the product against moistening. Store in dry and airy places, out of reach of children!

Durability when stored in originally sealed and undamaged packaging: at least 6 months.

10. Quality Control

The product's quality characteristics are determined by the internal manufacturing specifications as well as by the Slovenian, European and other standards. We constantly monitor the declared or set quality level in our own labs, and occasionally at the Construction Institute in Ljubljana, and also at other independent institutions at home and abroad. During the manufacturing process, we strictly comply with the Slovenian and European standards for protection of the environment and for ensuring security and health at work, which is confirmed by the ISO 14001 and OHSAS 18001 certificates.

11. Other Information

Technical instructions in this brochure are given based on our experiences and are given as a guideline for achieving optimal results. We don't take any responsibility for the damage, caused by incorrect selection of a product, incorrect use or unprofessional work.

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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