

TECHNICAL SHEET 01.03.01-eng

PRIMERS

UNIGRUND

Universal primer for past-like decorative renders

1. Description, Application

UNIGRUND is a water dispersion of acrylic binders filled with fine quartz sand **intended for coating of all types of wall surfaces – including base-coats of External Wall Insulation (EWI) systems – prior to the application of acrylic, silicone and silicate decorative renders.**

The coat undercoats the surface and equalises it with regard to water absorption, slightly increases its water repellency and binds dust and other badly-adhered particles, which could not have been removed with cleaning for whatever reason. It extends processing time of the applied render and improves adhesion on very smooth surfaces and less absorbent surfaces.

2. Packaging and Colour Shades

Plastic containers holding 5 and 18 kilos:

- White (shade 1001)
- 351 shades from the PAINTS AND RENDERS colour chart (on JUMIX tinting stations at points of sale!)

Coats of different shades can be mixed in optional ratios!

3. Technical Data

Density (kg/dm ³)		~1.20
Drying time T = +20 °C, relative air humidity = 65 % (hours)	Touch dry	~2
	Suitable for further treatment	~12
	Resistance of the surface to being washed out by drainage water is achieved	~24
Content of vaporous organic substances (VOS) (g/l)		<2 The EU VOS requirement – category A/g (from 1 January 2010): <30

Main ingredients: styrene-acrylate binder, calcite and silicate fillers, cellulose thickening agent, titanium dioxide, water

4. Surface Preparation

Surface should be solid, dry and without any badly-adhered particles, dust, remains of paneling oils, fat, or other filth. Washing with a high-pressure water blaster (hot water or steam) is especially recommended mainly for very dirty façade surfaces, all concrete surfaces and façade surfaces infected with wall algae and mould. Disinfect such surfaces after they are washed.

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. In case of paint renovation, thoroughly remove from the surface all old badly-adhered coatings, slurries and other decorative coats, all of which get easily soaked in water.



5. Instruction for Use

Prior to application, stir the product well and, if necessary, dilute it with water up to 5 %. Quantities necessary to coat individual surfaces are calculated or estimated on the basis of the area of these surfaces and data on consumption rate, and, in specific cases, consumption is determined by making measurements on a test surface that is large enough.

Apply the primer in one coat with a paint brush suitable for the application of dispersion coats or a long-bristle fur or textile painting roller (length of hairs or threads is 18 to 20 mm; the following can be used: natural and artificial fur or textile linings made of different synthetic threads – polyamide, dralon, vestan, nylon, perlon or polyester). When applying the paint with a roller, use a suitable bucket grid.

Paint an individual wall surface without any interruptions from one corner of the wall to the other. Always treat surfaces inaccessible to a standard long-bristle paint roller (corners, gutters, narrow reveal surfaces, and similar) first using suitable brushes or smaller paint rollers adjusted to existing conditions.

The application of the primer is possible only in suitable weather or 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 %. Protect façade surfaces from sun, wind and rainfall using protective scaffold nettings; however, do not conduct any work in rain, fog or strong wind (≥ 30 km/h) despite such protection.

Indicative or average use (depending on absorption and roughness of the surface):	
UNIGRUND	120 – 200 ml/m ²

6. Tool Cleaning, Waste Management

Thoroughly clean the tools with water immediately after use. Dried stains cannot be removed.

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.

7. Safety at Work

When applying the product, follow general instructions and regulations for construction and painting works.

In case of contact with skin and eyes, rinse with water. Seek medical advice

8. Storage, Transportation Conditions and Durability

Storage and transportation at temperatures between +5°C and +25°C, protected from direct sunlight, out of the reach of children, IT MUST NOT FREEZE!

Shelf life when stored in an originally sealed and undamaged packaging: at least 12 months.

9. Quality Control

The product's quality characteristics are determined by the internal manufacturing specifications as well as by the Slovenian, 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 its own laboratories, occasionally at the ZAG Construction Institute in Ljubljana and other independent expert institutions in Slovenia and abroad. During the manufacturing process, JUB strictly complies 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.

10. Other Information

The technical instructions in this brochure are given based on JUB's experience and are given as a guideline for achieving optimum results. JUB cannot accept 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. JUB reserves the right to change and supplement data in the future.

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