

TECHNICAL SHEET 08.07.02-EN



JUBIZOL Finish winter additive

Winter additive for accelerated solidifying

1. Description, Application

JUBIZOL Finish winter additive is an additive for accelerated hardening of renders. It can be added to all white or tinted acrylic and silicone renders. With the addition of 0.25 kg of additive/bucket, the render can be installed at temperatures from 1°C to 15°C, and at elevated relative humidity of up to 80%. At strongly increased air humidity up to 95%, it is allowed to install only JUBIZOL Unixil finish winter S with the addition of 0.5 kg of additive per bucket. Acrylic renders, with the addition of an additive, may only be installed on systems that contain a heat-insulating coating made of expanded or extruded polystyrene. Other renders with the addition of ½ JUBIZOL Finish winter additive (0.25kg/bucket) are allowed to be installed on systems that contain thermal insulation lining made of expanded or extruded polystyrene or thermal insulation lining made of mineral wool. It is also allowed to install JUBIZOL Unixil finish winter S on EPS and MW cladding with the addition of ½ or 1 whole bottle of additive JUBIZOL Finish winter additive (0.25 or 0.5 kg/bucket). With the addition of JUBIZOL Finish winter additive, the render is resistant to rain water for approximately 24 hours after application (depending on installation conditions). After opening the package, the product must be used immediately, because hardening occurs even if it is not mixed into the render.

Details for use in individual specific cases are listed in the table below:

Air temperature	Relative air humidity	Type of render finish	Amount of additive	Suitable for insulation
1°C – 15°C	<80%	JUBIZOL Acryl finish S JUBIZOL Acryl finish T JUBIZOL Nano finish S JUBIZOL Silicone finish S JUBIZOL Silicone finish T JUBIZOL Aerogel finish S JUBIZOL Unixil finish winter S	1/2 bottle (0,25 kg/bucket)	EPS EPS EPS, MW EPS, MW EPS, MW EPS, MW EPS, MW
1°C – 15°C	80<95%	JUBIZOL Unixil finish winter S	1 bottle (0,5 kg/bucket)	EPS, MW

2. Colour Shades

- Yellowish

3. Technical data

Packaging	0,5 kg
Density	~1.15 kg/dm ³
Average consumption	~0.25 - 0.5 kg

4. Installation Conditions

The temperature of the air and the wall surface should be between +1°C and +15°C, and the relative air humidity should not exceed 95 %. Façade surfaces should be protected from sun, wind and rainfall by protective scaffold nettings; however, do not conduct any work in rain or strong wind (≥ 30 km/h) despite such protection

5. Instruction for Use

JUBIZOL Finish winter additive (1 plastic bottle) is added to 1 container of render finish. The contents of a plastic bottle are poured into a container and mixed well with an electric mixer before use. Then, the colour shade is checked and the mortar compound equalised to eliminate even the slightest or imperceptible differences between individual containers. First, the contents of four containers are mixed in a bucket of appropriate size. When a quarter of the so prepared compound is used, the contents of the next container are poured into the bucket and mixed well with the rest of the render finish, etc. The mortar compound containing the additive has to be applied within 2 hours. Any "repairs" of the render finish during application (addition of tinting agents, diluting, and similar) are not allowed.

The resistance of freshly treated panels to damage caused by rainwater (wash-off) is achieved within 24 hours at the latest under conditions ($T = +5$ °C, relative humidity = 80%). At lower temperatures and higher relative humidity, the drying time increases significantly.

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

6. Safety at Work, Waste Management, Tool Cleaning

Further instructions regarding handling the product, use of personal protection equipment, waste management, tool cleaning, first aid measures, warning signs, signal words, components determining hazard, hazard statements and safety statements are listed in the product's safety sheet which you can find on Jub's web page or you can require it from the manufacturer or seller. When applying the product, the instructions and regulations regarding safety for construction, façade and painting works should also be observed.

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

7. 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, **MUST NOT FREEZE!**

Shelf life when stored in 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.

The colour shade may differ from the print in the colour chart or from the approved sample. However, the total colour difference ΔE_{2000} – it is determined in accordance with the ISO 7724/1-3 and by the mathematical model CIE DE2000 - doesn't exceed 2.5, for shades from the JUB's FAVOURITE FEELINGS colour chart. To check the stated differences, observe a dried coat of render applied to a standard test surface and standard of subject paint kept at TRC JUB d.o.o.. Render manufactured by other colour charts is the best possible approximation for the JUB's primers and tinting agents. Therefore, in such cases the total colour difference from the desired shade may be even higher than the value guaranteed above. Differences of colour shades resulting from unsuitable working conditions, the application technique and paint preparation process different from the instructions, failure to follow the equalisation rules or application to unsuitably prepared, overly or nor sufficiently coarse, to humid or nor dry enough surface, cannot be subject of a complaint.

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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