JUB d.o.o.
Dol pri Ljubljani 28, SI-1262 Dol pri Ljubljani
T: 080 15 56, 01 588 4280, E: info@jub.eu
jub.eu

TECHNICAL SHEET 08.05.09-EN

JUBIZOL Silicone finish S 2,5 mm

Silicone smooth render finish

1. Description, Application

JUBIZOL Silicone finish S 2,5 mm is thin-coat pasty render finish for JUBIZOL External Thermal Insulation Composite (ETIC) systems, based on a combination of silicone and other polymeric binders providing a typically textured appearance. It is intended for decorative protection of façade wall surfaces. Adhere well to all finely rough construction surfaces: conventional fine lime-cement and cement render finishes, smoothed concrete surfaces, as well as fibre-cement and gypsum-cardboards, chipboards, and similar. In addition to high hardness, it is also characterised by relatively good water vapour permeability. The silicone binder provides the render finishes long-lasting high water repellence and prevents dust, soot and other filth to adhere to them. High resistance to the effects of smoke, ultraviolet rays and other atmospheric factors guarantees their solid resistance in any climate conditions, even on façade surfaces of tall buildings with short projecting or even without eaves, exposed to heavy rainfall. Surfaces rendered with these finishes have an assured long-term resistance to contamination with wall algae and mould. Therefore, it is not necessary to add any biocidal substances prior to application.

2. Colour Shades

- white (odtenek 1001)
- colour shades from the JUB Home of Colours colour chart C-G, N, T, W with limitations
- colour shades from the JUB Favourite Feelings colour chart C-G

Delivery of render finishes in shades designed on special request of the customer is possible under certain conditions.

3. Technical data

Packaging	25 kg
Density	~1.94 kg/dm³
Water dilution	1 dl/bucket
Layer thickness	~2,5 mm

JUB d.o.o.
Dol pri Ljubljani 28, SI-1262 Dol pri Ljubljani
T: 080 15 56, 01 588 4280, E: info@jub.eu
jub.eu

Drying time T = +20 °C, relative air humidity = 65 %	Touch dry	~6 h
Average consumption		~4.7 kg/m²
Vapor permeability EN ISO 7783-2	coefficient μ	<60
	value Sd (d = 2,5 mm)	<0.12 m (class 1)
Water absorbtion w24 (EN 1062-3) Water absorbtion class		<0.02 kg/m2*h0,5 W3
Adhesion according to EAD 040083-00-0404, point 2.2.20.2		>0.3 MPa

4. Installation Conditions

Temperature of air and wall surface should not be lower than +5 °C or higher than +30 °C, and relative air humidity should be <80 %. Façade surfaces should be protected from the sun, wind and precipitation by using curtains, and despite this protection, the rendering should not be done during rain, fog or strong wind (≥30 km/h).

5. Surface Preparation

The surface should be slightly rough (ideal is the roughness of a conventionally smoothed fine render of 1.0 mm granulation), solid (compressive strength of at least 1.5 MPa – CS II by EN 998-1), dry and clean, without weakly bound particles, dust, easy water-soluble salts, oil stains and other filth. Any smaller uneven parts – protrusions and indentations – hinder the smoothing of the applied render finish; therefore it is important to attend to the preparation of the surface.

Prior to the application of a decorative render finish, the newly applied base-coats have to dry at least 7 to 10 days for each cm of its thickness. Decorative render finishes are applied to new concrete surfaces only a month after concreting (stated drying times of the surface are valid in normal conditions: T = +20 °C, relative air humidity = 65 %). Coatings, slurries and other decorative coats have to be removed from old solid plasters/renders. After the surface had been cleaned, it should be thoroughly dusted by washing and, if necessary, mended and levelled. Washing the surface with a high-pressure water blaster (hot water or steam) is especially recommended in the case of fibre-cement boards and all concrete surfaces since it removes panel oil from new surfaces and soot, moss, lichen, remains of old coatings and similar from old ones.

The base is coated with primer, chosen in a shade as close as possible to the color of the render.
The application of a render finish should start only when a primer is dried through. In normal conditions (T = +20 °C, relative air humidity = 65 %), at least 12 hours after application of base coat.

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

6. Preparation of Render Finish for Application

Stir the render finish well with an electric mixer before use, and, if necessary (only exceptionally), dilute it with water (maximum 1 dl per container). The colour shade must be checked; then, equalize the render finish in order to remove even the slightest or imperceptible differences in colour shade between individual buckets. Stir the content of four buckets well in a large container of appropriate size. When a quarter of the so prepared compound is used, the content of the next bucket is poured into the container and mixed properly with the rest of the render finish, etc. Equalisation of white renders, which belong to the same production batch or to the same production date and which have not been diluted, is not necessary.

Reworking the render finish during application (adding tinting agents, diluting, and similar) is not allowed.

7. Application of Render Finish

The render finish is applied manually - using a stainless steel smoothing trowel – or by spraying – in the thickness slightly above the diameter of the thickest grain. When the render finish is applied by spraying, follow the instructions of the producer of the mechanical equipment. Immediately after the application, smooth the surface with a solid plastic finishing trowel. Perform the smoothing by circular strokes until an evenly grained structure is

JUB d.o.o.
Dol pri Ljubljani 28, SI-1262 Dol pri Ljubljani
T: 080 15 56, 01 588 4280, E: info@jub.eu
jub.eu

achieved. Move the grains in the applied render finish coat as little as possible during smoothing to avoid material bulges in front of the trowel. Reasons for their occurrence are mostly a too thick render layer or an uneven or a not well enough prepared substrate. At the end – a few minutes after smoothing, push protruding lumps into the surface by smoothing the surface slightly using a clean stainless steel smoothing trowel.

Perform the application as fast as possible, without any interruptions from one corner of the wall to the other. When applying the render finish onto wall surfaces higher than one floor, it must be applied simultaneously to all floors: in such cases, always begin the application at the top floor, while performing a phase-delayed “step shift” in lower floors. Larger wall surfaces should be divided into smaller sections by using adequately wide decorative grooves, mortar trims, and other decorations, frames or in any other way. In this manner we avoid potential problems caused by continuous application of the render finish as well as non-aesthetic appearance due to a potentially uneven surface. Joints between planes in inner or outer corners can be made easier by preparing a few cm wide, finely smoothed stripes, which also give a pleasant decorative appearance to processed surfaces. Decorative smoothed stripes, grooves, mortar trims, frames, and similar are usually made prior to the application of the decorative render finish. They are protected by suitable wall paints, while paying attention not to apply coatings encroaching onto surfaces prepared for the application of the render finish.

In normal conditions (T = +20ºC, relative air humidity = 65 %), resistance of freshly processed surfaces to damage caused by precipitation (washing away of the application) is achieved in 24 hours at the latest.
Thoroughly clean the tools with water immediately after use. Dried stains cannot be removed.

8. Maintenance and Restoration of Treated Surfaces

Façade surfaces processed with JUBIZOL Silicone finish S 2,5 mm do not require any special maintenance. The non-adhering dust and other non-adhering filth can be swept, hoovered or washed away with a water blaster. Adhering dust and more obstinate stains can be removed by light rubbing with a soft brush soaked into a solution of usual universal household preparations and washed away by clean water.

However, where filth and stains cannot be removed applying the methods described above, renovation painting is recommended. In such cases, apply two coats of micro-reinforced façade paints or onto a prior coat of an appropriate primer.

9. 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 12 months.

10. 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 ΔE2000 for shades from the JUB’s FAVOURITE FEELINGS colour charts – it is determined in accordance with the ISO 7724/1-3 and with a mathematical model CIE DE2000 – does not exceed 2.5. In order to check the colour shade, a dry application of render finish on a test surface is compared to a standard of the concerned shade, which is stored in the TRC JUB d.o.o. A colour shade of a render finish made on the basis of other samplers and colour charts is the best possible approach for JUB’s product bases and tinting agents. Therefore, in such cases the total colour difference from the desired shade may be even higher than the value guaranteed above. A difference in colour shade, which is the result of unsuitable working conditions, of a product preparation technique, which differs from the one in this technical sheet, of failure to follow the equalisation rules, of the application of the product onto an unsuitably prepared, overly or not enough absorbing surface, more or less

coarse surface, on a wet or not dried enough surface, cannot be subject of complaint.

If applied within External Wall Insulation systems, render finishes shall have brightness (Y) over 25. Darker render finishes and render finishes of intensive colour shades, which can be achieved only with organic pigments, are less stable under heavy conditions of use, somewhat less resistant to being washed out by precipitation and tend to chalk more. Complaints about changes, which might thus occur on exposed façade surfaces, especially in the form of faster bleaching, will not be accepted. Therefore, one should consult JUB's experts for each case individually regarding conditions for the application of such renders and the maintenance of processed surfaces. The list of such susceptible
colour shades is available at stores where JUMIX tinting stations are located as well as in our sales and technical information departments.

This technical sheet supplements and replaces all preceding editions. We reserve the right to change and supplement data in the future.

Denomination and date of publishing: TDS 131/26-pek, 19.05.2026