

TO BE USED UNDER SILICATE PRODUCTS

CALSILIT GT

Primer for silicate renders



MAIN ADVANTAGES

- Mineral nature
- Improves the render coat adhesion
- Reduces and equalises substrate water absorption
- Ensures high vapour permeability
- Reduces the effect of substrate showing if it is coloured to the render colour
- Binds and strengthens the substrate
- Facilitates render application and texture modelling

AREAS OF APPLICATION

Coloured product based on potassium water glass, intended for proper preparation of substrates for **CALSILIT T** and **HISTORICA KMS** silicate renders. To be applied for priming only mineral substrates (such as concrete, lime render, lime-cement render and cement render) outside buildings, including in the **KABE THERM SM** and **KABE THERM SM RENO** EPS-based EWI systems. **Note:** Do not apply on substrates covered with plastic-based paint coatings or renders.

TECHNICAL DATA

Base binder: potassium water glass;

Pigments: inorganic colour pigments;

The content of volatile organic compounds VOC: cat. A/g. The product contains less than 30 g/l VOC;

Density: approx. 1.40 g/cm³;

Colour: white or tinted to match the colour of the render;

Average coverage: approx. 0.23 l/m² (depending on the substrate absorbency);

Temperature of application (air and substrate): from +8°C to +25°C;

Relative air humidity: ≤ 75%.

Packaging: Disposable plastic packaging containing 5 and 10 litres of product.

Storage: Product should be stored in sealed packaging, in a cool room, but protected from frost. Opened packaging should be tightly closed and used as quickly as possible.

Shelf life: 18 months from the date of production printed on the packaging, with originally sealed packaging.

HOW TO USE

SUBSTRATE PREPARATION: Substrate should be mineral and sound/stable (without scratches and cracks), degreased, even and dry, and free of biological contamination and chemical efflorescence. In case of algae/fungi growth, the substrate should be cleaned mechanically and then washed with water and disinfected with **ALGIZID**. Any loose layers, not bound to the substrate (e.g., loose render or flaked coatings), should be removed. Old and/or dirty substrates should be washed and degreased with water and **CLEANFORCE** cleaning agent. For particularly uneven substrates, first use levelling compounds, and then smooth out the surface with finish levelling and smoothing compound. Small unevenness can be smoothed right away using a levelling and smoothing compound. Use the above products according to their technical data sheets. An absorbent substrate should be primed with an adequate product before applying base coats and/or levelling compounds. If the product is applied on new mineral substrates (i.e. concrete, cement-lime render and cement render) – a minimum 2-week curing period is required. Before using the product in **KABE THERM SM** and **KABE THERM SM RENO** EWI systems, all base coats should be applied in accordance with the requirements for external thermal insulation composite system (ETICS). **Note:** Directly before applying the product, the elements made of materials susceptible to alkalis (i.e. wood, metal, glass or clinker brick) should be protected against splashing.

PRODUCT PREPARATION: The packaging contains a ready-to-use product. It cannot be diluted.

APPLICATION: The product should be applied on the substrate with a paint brush or roller. **Note:** The product is alkaline, therefore, it is necessary to protect eyes and skin. Safety clothing must be worn while carrying out any work. In case of contact with eyes, immediately rinse them thoroughly with plenty of water. If irritation develops, seek medical assistance.

DRYING: The curing period of the product applied to the substrate before applying the render is about 24 hours. Protect the freshly applied coat against precipitation and condensation until it sets completely.

USEFUL HINTS: Product application and setting should take place on dry days at temperatures over +8°C. Tools should be cleaned with water immediately after finishing work. Avoid applying the product on surfaces directly exposed to sunlight or during strong wind. In order to protect the unset product layer against severe weather conditions, it is recommended to use appropriate protective meshes on scaffolds.

The information included in this document does not cover all the aspects of the product/system use. Therefore, the information should be verified each time due to the possibility of justified differences depending on the method of carrying out work, the type of substrate and other external conditions.