

TO BE USED UNDER POLYSILICATE (LOW-ALKALINE) PRODUCTS

NOVALIT GT

Primer for polysilicate renders



MAIN ADVANTAGES

- 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
- Facilitates render application and texture modelling
- Features a very good adhesion to both mineral substrates and plastic-based paint coatings
- Reduces the possibility of algae and fungi growth

AREAS OF APPLICATION

A coloured product based on low-alkaline polysilicates and a copolymer binder intended for proper preparation of the substrate for **NOVALIT T** and **NOVALIT T AKORD** polysilicate renders. It is used for priming all typical construction substrates outside buildings and reinforced layers in **KABE THERM RENO***, **KABE THERM AVANT*** and **KABE THERM MW*** EWI systems, as well as in the **NOVALIT RSA** renovation anti-cracking system. Intended for use on mineral substrates (e.g., concrete, lime render, cement-lime render and cement render), as well as on substrates covered with a well-bonded plastic-based paint coating.

TECHNICAL DATA

Base binder: special modified potassium water glass and co-polymer binder;
Pigments: inorganic colour pigments;
The content of volatile organic compounds VOC: cat. A/h. The product contains less than 30 g/l VOC;
Density: approx. 1.3 g/cm³;
Content of solids: min. 44%;
Colour: white or tinted to match the colour of the render;
Average coverage: approx. 0.20 l/m² (depending on the substrate absorbency);

Temperature of application (air and substrate): from +5°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 sound/stable (without scratches and cracks), degreased, even and dry, as well as 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 levelling compounds or base coats. 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 the **KABE THERM RENO**, **KABE THERM AKORD**, **KABE THERM AVANT** or **KABE THERM MW** EWI systems, all base coats should be applied in accordance with the requirements for external thermal insulation composite system (ETICS). Before applying the product, the reinforcing layer has to be fully dried. This can take 3-4 days in typical weather conditions.

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.

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: During the application and setting of the product, rainless weather should prevail, with an air temperature above +5°C. Setting time may be longer due to low temperatures and high relative humidity. If this is the case, it is necessary to wait until the primer sets and hardens completely before applying a render. Tools should be cleaned with water immediately after work is completed. 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.

* If the product is used in an EWI system, the manufacturer provides a warranty only when all components of **KABE THERM RENO**, **KABE THERM AVANT** or **KABE THERM MW** systems are used.