

LAZURE

NOVALIT L

Polysilicate lazure paint



MAIN ADVANTAGES

- High decorative value of glaze coating
- Mineral character
- Low-alkali reaction (pH 8÷9.5)
- High resistance to adverse atmospheric conditions
- Resistance to the changes of atmospheric conditions during application and setting
- High dirt resistance
- Micro-porous texture which assures high vapour permeability
- Low surface absorption
- To be applied on both mineral substrates and polymer coated surfaces

AREAS OF APPLICATIONS

Mineral lazure paint intended for applying decorative, glaze (not fully covering) paint coatings outside buildings. It is especially recommended for emphasizing the attractive substrate texture and colour merging of the whole facade. It can be applied on mineral substrates (i.e. traditional lime renders, lime-cement renders and cement renders as well as thin coat mineral renders, silicate renders, polysilicate renders) and also substrates with synthetic-based paint coating. **NOVALIT L** lazure paint is produced based on specially modified potassium water glass in accordance with innovative, low-alkali polysilicate technology. Absorbent mineral substrates, prior to paint application require priming with **NOVALIT GF**.

TECHNICAL SPECIFICATION

Base binder: special modified potassium water glass;

Pigments: resistant to UV radiation and atmospheric conditions non-organic coloured pigments;

The content of volatile organic compounds VOC: cat. A/c. The product contains less than 40 g / lVOC;

Density: ca. 1.20 g/cm³;

Colours: colours from the KABE colour chart and selected NCS colours or samples provided (can be obtained by adding non-organic pigments);

Diluent: water;

Average coverage: ca. 0.15 l/m²;

Temperature of application (air and substrate): from +5°C to +25°C;

Relative humidity: ≤75%;

Relative diffusion resistance of the layer with a thickness of 150 µm:

$S_d = 0.04$ m (standard requirement $S_d \leq 2.0$ m);

Surface absorption coefficient: $w = 0.05$ kg/m² · h^{0.5} (standard requirement $w \leq 0.5$ kg/m² · h^{0.5}).

Packaging: Single-use plastic packaging of 5 l.

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

Shelf life: Originally sealed products have a 12-month shelf life from the date of production (this is printed on the side of the packaging).

APPLICATION METHOD

SUBSTRATE PREPARATION: Apply to a sound/stable and clean substrate (without cracks and delaminations), degreased, even and dry, and biological or chemical efflorescence free. In case of algae/fungi growth, the substrate should be cleaned mechanically and then wash with water and disinfect with **ALGIZID**. Any loose layers not bound to the substrate (i.e. loose render or flaked coatings) should be removed. Old and/or dirty substrates should be washed off and degreased with water and **CLEANFORCE** cleaning agent. For uneven substrates, first use levelling compound and then level the surface with **KOMBI FINISZ** levelling/finish render. Small unevenness can be at once levelled out with **KOMBI FINISZ** levelling/finish render. Absorbent substrates should be primed before finish levelling and smoothing compound and/or levelling compound is applied. If the paint is applied on new mineral substrates (i.e. concrete, lime render, cement-lime render) — min. 2-week curing period is required.

PRIMING: Prior to paint application, the mineral substrates should be primed with **NOVALIT GF**. Primer should be dry before applying paint, curing period lasts about 12 hours. **Note:** Substrates of low wettability (such as top coats based on polymers or dispersion coatings) should not be primed and should be only washed with water and **CLEANFORCE** cleaning agent.

PAINT PREPARATION: The packaging contains a ready-to-use product. If required, add a small amount of clean water by adding to the first painting max. 10% of volume and to the second one max. 5%. Quantity of added water may vary depending on the substrate type, drying conditions and application method.

APPLICATION: Paint to be applied on the substrate in 1-2 layers by using a brush, roller, sponge or spraying. It is recommended to use a special paint roller for facade paints made of woven polyamide with a bristle length of min. 18 mm. As necessary, the subsequent paint coatings may differ in colour, coverage (amount of filler) and application technique. The fresh paint coating is easy to process by using the aforementioned tools, and the final effect depends only on the skills and imagination of the contractor. **Note:** In order to assure the best decorative effect, it is recommended to apply lazure paint on the coating made by using one **NOVALIT F** paint layer — option B.

Recommended application methods	NOVALIT GF colourless primer	NOVALIT F facade paint	NOVALIT T render coloured in the mortar	NOVALIT L lazure paint
A	1 layer	—	—	1 or 2 layers
B	1 layer	1 layer	—	1 or 2 layers
C	—	—	1 layer	1 or 2 layers

DRYING: Typical setting (hardening) time of one paint layer applied to substrate ca. 24 h (20°C, 55% RH). **Note:** Drying time may be longer due to low temperatures and high relative humidity. Protect the fresh paint coating against precipitation and condensation until it dries and sets completely.

USEFUL HINTS: To avoid colour differences, a single batch product should be applied to entire facade or element in one working cycle. The application and curing of paint requires dry days with a temperature above 5°C. All tools must be cleaned with water after finishing work. Application during direct exposure to sunlight, in strong winds or high air humidity is not recommended. To protect wet coating against inclement weather conditions, scaffolding should be covered with some protective netting.

ADDITIONAL OPTIONS: In order to increase the resistance of the paint coating to the growth of algae and fungi (especially while renovating EWl systems and while painting facades in shaded places of increased humidity and with a high concentration of plants), it is recommended to apply a special protective substance along with the paint (additional service).