

## ELAPRO Top 1k-SIL

TD311 Technical Data Sheet



### Areas of application

- ELAPRO Top 1k-SIL is applied on the ELAPRO Balkondicht 1k-CRYL as a scratch-resistant and dirt-repellent wear layer.

### Characteristics

- liquid
- humidity hardening
- self-leveling
- one-component - no mixing required
- ready to use - direct processing from the container
- solvent free
- UV and weather resistant

### Delivery form

3 kg, 6 kg, 12 kg metal container

### Consumption

Min. 0,30 kg/m<sup>2</sup> depending on the nature of the substrate.

### Eigenschaften

Relative humidity	50 to 100 %
Ambient temperature	+0 °C to +30 °C
Substrate temperature	+0 °C to +50 °C
Surface	dry (max. 6 %)
System basis	polyacrylate
Drying	air
Viscosity	liquid, thixotropic
Density	1.4 g/cm <sup>3</sup>
Processing time <sup>1</sup>	unlimited
Rain proof <sup>2</sup>	after 120 minutes
Walkable <sup>2</sup>	after 48 hours
Full adhesion <sup>2</sup>	after 96 hours
Recoatable <sup>2</sup>	within 24 hours, subsequently must be rough roughened
Standard color(s)	silver grey (ca. RAL 7001)

<sup>1</sup>Direct sunlight must be avoided. For longer work interruptions, the container must be hermetically sealed.

<sup>2</sup>Measurements at 20 °C and a relative humidity of 60%. The specified values are influenced by weather influences such as air humidity, temperature and wind. Temperature and humidity must provide the possibility of curing in the following hours after the order.

### Tools

Recom: lambskin roller, electric agitator

Alternative: brush, squeegee, stir bar

Cleaning: in the liquid state with a dry rag or a cleaning thinner

### Processing

#### Surface preparation

The surface must be thoroughly cleaned if dirt has accumulated on the coating layer between the application of the seal and the application of the Top 1k-SIL. The substrate must be free of dust, oil and grease for processing. Deposits, mosses and lichens are to be removed without residue.

In order to ensure a consistently homogeneous surface structure, the surface of the ELAPRO Balkondicht 1k-CRYL should be lightly sanded after hardening.

#### Primer

For the sealing of surfaces made of ELAPRO Balkondicht 1k-CRYL no primer is required. For the sealing of surfaces based on other materials, please contact our customer service.

#### Sealing with Top 1k-SIL

ELAPRO Top 1k-SIL must be stirred thoroughly and slowly. Avoid rapid stirring to prevent air from entering the material. The processing takes place with a roll.

0.30 kg of ELAPRO Top 1k-SIL are applied to the substrate as a single layer per square meter. The material must be distributed evenly over the entire surface in order to build up a uniform layer thickness.

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### Storage & Durability

In original packaging, stored cool, dry, frost-free and airtight, at least 6 months shelf life. Keep container in a well-ventilated place. Direct solar radiation must also be avoided on the construction site. Opened containers of Top 1k-SIL should be processed promptly.

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### General remarks

Please also note the following documents:

- TD312 Processing instructions
- TD314 Safety data sheet

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### Disposal

Liquid: EAK 08 04 10

Emptied: EAK 08 04 10

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### Hazard warnings

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### Compatible system components

- ELAPRO Balkondicht 1k-CRYL
- ELAPRO Dachdicht 1k-CRYL
- ELAPRO Dachdicht 1k-SIL

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### General information

All data provided herein are for the purpose of describing the material only and are based on tests and results obtained from practical use. Therefore no guarantee can be given for their accuracy or completeness. Consultations are made to the best of our knowledge. Color deviations or changes have no influence on the technical parameters of the products. Times are shortened at higher and extend at lower ambient and surface temperatures. All data are subject to change without notice. The data sheet loses its validity no later than 5 years after its publication. The information and recommendations contained in this product information correspond to the current state of our knowledge and serve to inform the buyer. They do not release the buyer to check the products for their suitability and use on the respective surface. The products described may only be processed in the system with the system components mentioned here. We guarantee perfect quality within the scope of our terms of delivery and payment.

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### Safety instructions

All safety regulations on the containers, the technical product information and the safety data sheets as well as the relevant local, national and EU regulations must be observed. Care must be taken for personal safety at work.