

ELAPRO Topcoat

TD311 Technical Data Sheet



Areas of application

ELAPRO Topcoat is applied to a waterproofing layer of ELAPRO 1k-SIL as a used and wearing layer.

Delivery form

Metal can: 12 kg

Tools

Processing: Short-fibre roller, paintbrush, notched squeegee, deaeration roller

Stirring: Electric stirrer

Cleaning: When liquid, with a dry cloth or ELAPRO Cleaner

Processing

For a detailed description of an appropriate structure for the waterproofing layer, see the product-specific processing instruction TD122 ELAPRO 1k-SIL. For the processing instructions for ELAPRO Topcoat as a used and wearing layer, see the product-specific processing instructions TD312.

Storage and shelf life

At least 12 months if stored unopened and airtight in the original packaging in a cool, dry and frost-free environment. Avoid direct sunlight, even when working with the product on building sites. Open, at least half-full containers can be kept for up to 9 months under the same conditions.

Compatible system components

- ELAPRO 1k-SIL
- ELAPRO Cleaner
- ELAPRO Chips
- ELAPRO Q712

Material properties

System basis	Silane-terminated polyurethane
Hardening	Humidity
Viscosity	Viscous, thixotropic
Density	approx. 1.4 g/cm ³
Standard colours	Telegrey 2 (approx. RAL 7046) Light grey (approx. RAL 7035)

Slip classes according to DIN EN 16165:2021-12 Annex B

without decorative surface R9

ELAPRO Chips min. 70 g/m² R10

ELAPRO Quartz sand¹ min. 70 g/m² R10

¹The slip resistance can be significantly increased again by the increased use of quartz sand.

Processing-relevant data

Relative humidity ¹	25 to 100%
Processing temperature	+5 to +40°C
Substrate temperature ¹	+5 to +60°C Min. 3°C above the dew point
Consumption	At least 3.0 kg/m ²
Processing time ^{2,3}	90 min.
Rainproof ³	After 1 hour (20°C/50% RH)
Walkable ³	After 24 hours (20°C/50% RH)
Suitable for mechanical loading	After 72 hours (20°C/50% RH)
Recoatible / Interruption of work	Up to 24 hours, clean or roughen afterwards

¹During processing, the surface temperature must be 3°C above the dew point. At lower temperatures - generally above 85% RH - a separating film of condensate can form on the surface to be coated. Relative humidities of up to 100% are permitted in the hours after processing.

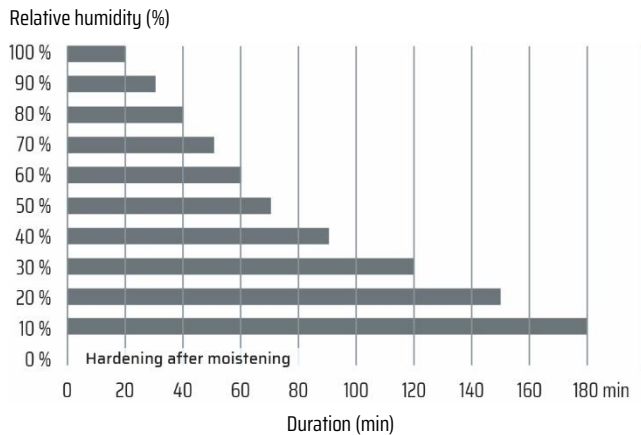
²Avoid direct sunlight. The container must be sealed airtight during extended breaks from work.

³Measurements made at 20°C and a relative humidity of 50%. The values specified are affected by weather conditions like humidity, temperature and wind. The temperature and humidity must permit the coating to harden in the hours after application.

Hardening times



Rainproofing (20°C)*



***Important!** Values can deviate if weather conditions like humidity or temperature change during hardening.

Disposal

Product residues

Liquid:	AVV 08 04 09*
Hardened:	AVV 08 04 10

Packaging

Not fully empty:	AVV 08 04 09*
Empty/drip-free:	AVV 15 01 04

Note: Product residues and packaging must be disposed of properly in compliance with the European List of Waste Materials (AVV/formerly EAK).

Associated documents

Please refer also to the following documents:

- TD312 Processing Instructions
- TD314 Safety Data Sheet
- TD811 Dew Point Table

General Information

All information provided here serves only to describe the material and is based on tests and results achieved in practical use. As a result, no liability can be accepted for its accuracy or completeness. Advice is provided to the best of our knowledge and does not release users from testing by accredited specialists such as planners and experts. Colour deviations or changes do not affect the products' technical parameters. The times specified are reduced at higher ambient and surface temperatures and extended at lower ambient and surface temperatures. All data is subject to changes without notice. The data sheet shall cease to be valid 5 years after publication. The latest version must always be used. It is available in the download area on our website www.elapro.de. The details and recommendations in this product information correspond to the current state of our knowledge and are provided to inform the buyer. They do not release the buyer from assessing the products for suitability and use on the respective substrate. The products described must only be processed as a system with the system components mentioned here. We guarantee flawless quality within the framework of our terms of delivery and payment.

Safety instructions

All safety instructions on the containers, the technical product information and the safety data sheets and relevant local, national and EU regulations must be complied with. Personal occupational health and safety must be observed.