

ELAPRO Topcoat

TD312 Processing Instructions

Quick guide

- The used and wearing layer of ELAPRO Topcoat is applied to the ELAPRO waterproofing layer of ELAPRO 1k-SIL
- Adding ELAPRO Chips

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 ⁴	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.

⁴The fully hardened Topcoat surface should be cleaned generously with ELAPRO Cleaner or roughened.

Hardening times



Preliminary comments

The used and wearing layer of ELAPRO Topcoat is applied directly to the waterproofing layer consisting of ELAPRO 1k-SIL. Before starting the coating work, the processor must ensure that the substrate is in a suitable condition for coating. The processor is responsible for assessing the substrate.

The surface must be clean, dry, smooth, level and stable. Dust, oil, grease and other separating substances must be removed. The substrate must be at least 3°C above the dew point. As a rule, the substrate moisture must not exceed 6%.

Processing information

Specialists and trained personnel must assess whether the substrate is appropriate and carry out subsequent preparatory works. Only in this way is lasting, sustainable waterproofing possible.

Waterproofing

For a detailed description of an appropriate structure for the waterproofing layer, see the product-specific processing instruction for TD122 ELAPRO 1k-SIL.

Preparing the material

Before using ELAPRO Topcoat, stir thoroughly but slowly to avoid adding air bubbles - stir down into the corners of the container. Ideally, apply the product with a short-fibre roller, paintbrush or notched squeegee. ELAPRO Topcoat must not be diluted.

Connections and penetrations

First, coat all connections and penetrations with ELAPRO Topcoat using a short-fibre roller or paintbrush. The layer thickness must be at least 1 mm.

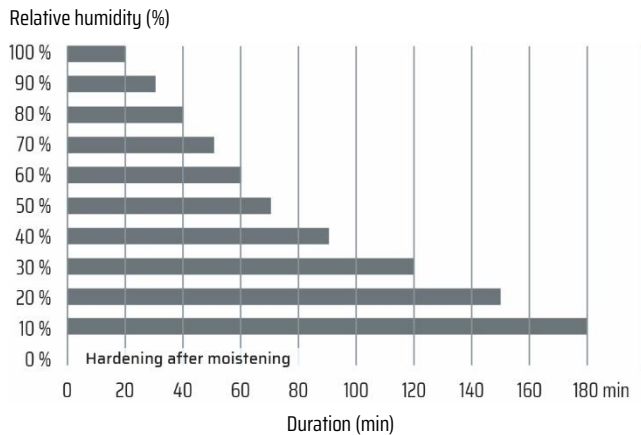
Coating with ELAPRO Topcoat

ELAPRO Topcoat is applied with a notched squeegee (triangular notches, 8 mm) and distributed evenly. The layer thickness must be at least 2.5 mm. The ELAPRO Topcoat coating must be ventilated while still wet using a spiked roller working crosswise to achieve an even, bubble-free surface. Consumption min. 3.0 kg/m².

Adding ELAPRO Chips

Spread ELAPRO Chips evenly into the still wet coating of ELAPRO Topcoat, which has already been ventilated with a spiked roller. Depending on the look required, consumption is 20-80 g/m². For larger surfaces, we recommend mixing all of the ELAPRO Chips from multiple packages.

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 02

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

Occupational safety

We recommend that you wear protective glasses and gloves.

Compatible system components

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

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.