

ELAPRO QuickDry

TD321 Technical Data Sheet



Area of application

ELAPRO QuickDry is used as a crosslinking catalyst for waterproofing with ELAPRO 1k-SIL. Use with other ELAPRO products is not permitted.

Delivery form

Plastic bottle: 60 ml

Tools

Stirring: Electric stirrer, stirring rod

Cleaning: When liquid, with a dry cloth

Consumption

The contents of a bottle of ELAPRO QuickDry is tailored for mixing with 6 kg of ELAPRO 1k-SIL. Two bottles of ELAPRO QuickDry must be used for one 12 kg container.

Processing

Stir a full bottle of ELAPRO QuickDry evenly into 6 kg of ELAPRO 1k-SIL without air inclusions, stirring down into the corners of the container. After thorough mixing, the material must be processed directly and without breaks from work. ELAPRO 1k-SIL can be processed for roughly 30 minutes after addition of ELAPRO QuickDry. The material is recoatable after 3-4 hours, depending on the weather conditions.

For details of how to achieve proper waterproofing with ELAPRO 1k-SIL, see the product-specific processing instructions TD122.

Material properties

System basis	Solvent-free catalyst
Hardening	ELAPRO 1k-SIL
Viscosity	Liquid
Density	approx. 1.03 g/cm ³
Standard colour	Colourless, transparent

Processing-relevant data*

*Only after addition to ELAPRO 1k-SIL

Relative humidity ¹	25 to 100%
Processing temperature	0 to +40°C
Consumption	1 bottle for 6 kg of ELAPRO 1k-SIL 2 bottles for 12 kg of ELAPRO 1k-SIL
Processing time ^{2,3}	Approx. 30 min. after addition to ELAPRO 1k-SIL
Rainproof ³	After approx. 30 min. (20°C/50% RH)
Recoatable	After approx. 4 hours (20°C/50% RH)
Walkable ³	After approx. 4 hours (20°C/50% RH)
Recoatable	Up to 24 hours, clean and 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.

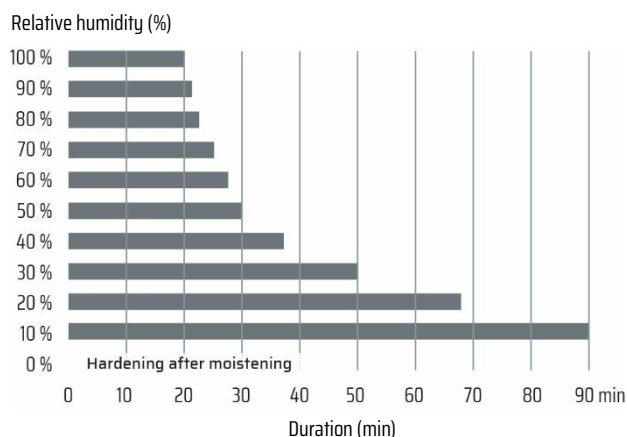
²Avoid direct sunlight. The container must be sealed airtight during extended breaks from work.

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.

Compatible system components

- ELAPRO 1k-SIL

Storage and shelf life

At least 36 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.

Disposal

Product residues

Liquid: AVV 08 04 09*

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.