

# ELAPRO QuickRepair

TD151 Technical Data Sheet



## Areas of application

ELAPRO QuickRepair can be used for repair and renewal work without a non-woven inlay, even in difficult to access areas. The fibre-reinforced system is a universal repair coating.

## Delivery form

Metal can: 1.0 kg / 4.5 kg

## Tools

Processing: Rubber squeegee, short-fibre roller, paintbrush, notched squeegee

Stirring: Electric stirrer, stirring rod

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

## Processing

For a detailed description, see the product-specific processing instructions.

## 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 Primer KS / UN
- ELAPRO Cleaner

## Material properties

System basis	Silane-terminated polyurethane (PUR)
Hardening	Humidity
Viscosity	Viscous, thixotropic
Density	1.4 g/cm <sup>3</sup>
Standard colour	Stone grey (approx. RAL 7030)

## Processing-relevant data

Relative humidity <sup>1</sup>	25 to 100%
Processing temperature	-5 to +40°C
Substrate temperature <sup>1</sup>	-5 to +60°C
	Min. 3°C above the dew point
Residual substrate moisture	Dry to slightly damp
Consumption	At least 1.5 kg/m <sup>2</sup>
Processing time <sup>2,3</sup>	90 min.
Rainproof <sup>3</sup>	After 30 minutes (20°C/50% RH)
Walkable <sup>3</sup>	After 24 hours (20°C/50% RH)
Crosslinking complete <sup>3</sup>	After 72 hours (20°C/50% RH)
Recoatable /	
Interruption of work	Up to 24 hours, clean and roughen afterwards

<sup>1</sup>During 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.

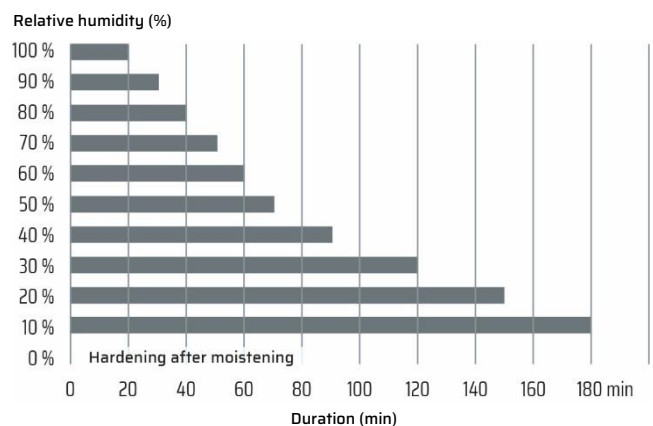
<sup>2</sup>Avoid direct sunlight. The container must be sealed airtight during extended breaks from work.

<sup>3</sup>Measurements 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.

### Primer recommendation

It is essential that the surface is cleaned. Grinding increases the surface and is therefore recommended to achieve better adhesion. Concrete and cement substrates as well as tiled surfaces must be prepared by removing material.

Substrate	Substrate preparation
Concrete and screed (used surfaces)	ELAPRO Primer UN
Concrete and plaster (details, connections)	Primer not necessary
Bitumen sheet, slated/sanded	Primer not necessary
Glass	Primer not necessary
Timber-based materials (glued laminated timber, OSB among others)	Primer not necessary
Wood (untreated)	Primer not necessary
Clinker brick	Primer not necessary
EPDM	ELAPRO Primer KS
EVA	ELAPRO Primer KS
FPO/TPO	ELAPRO Primer KS
GRP	ELAPRO Primer KS
PVC (sheets)	ELAPRO Primer KS
PVC (hard)	ELAPRO Primer KS
Aluminium	ELAPRO Primer UN
Stainless steel	ELAPRO Primer UN
Copper	ELAPRO Primer UN
Steel	ELAPRO Primer UN
Zinc	ELAPRO Primer UN
Other substrates	See TD153

### Disposal

#### Product residues

Liquid:	AVV 08 04 10
Hardened:	AVV 08 04 10

#### Packaging

Not fully empty:	AVV 08 04 10
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).

### Hazard warnings

None

### Associated documents

Please refer also to the following documents:

- TD152 Processing Instructions
- TD153 Primer Recommendation
- TD154 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](http://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.