

ELAPRO Primer UN

TD521 Technical Data Sheet



Areas of application

ELAPRO Primer UN is an adhesive primer for waterproofing and coating metallic and mineral substrates with ELAPRO 1k-SIL, 1k-CRYL and QuickRepair. Primer UN enhances adhesion on metals like aluminium, lead, copper, steel and highly absorbent mineral surfaces. It can also be used as a vapour barrier and prevents yellowing of the liquid plastic on bituminous substrates. It is also suitable for sealing pores on concrete-based substrates*.

*Porous concrete, concrete formwork elements, screed concrete, flowing concrete, mineral concrete, spun concrete, exposed concrete, shotcrete, reinforced concrete, vacuum concrete etc.

Delivery form

Metal can: 400 g / 1 kg / 2.5 kg / 4 kg

Tools

Processing: Solvent-resistant soft paint roller, paintbrush

Cleaning: ELAPRO Cleaner

Processing

For a detailed description, see the product-specific processing instructions TD122 ELAPRO 1k-SIL, TD112 ELAPRO 1k-CRYL or TD152 ELAPRO QuickRepair.

Compatible system components

- ELAPRO 1k-SIL
- ELAPRO 1k-CRYL
- ELAPRO QuickRepair
- ELAPRO Cleaner

Material properties

System basis	Polymer resin in solvent mix
Hardening	Air drying
Viscosity	Liquid
Density	approx. 0.93 g/cm ³
Standard colour	Light yellow

Processing-relevant data

Relative humidity	0 to 85%
Processing temperature	-5 to +35°C
Substrate temperature	-5 to +60°C
	Min. 3°C above the dew point
Residual substrate moisture	0 to 6% (dry)
Consumption	At least 0.10 kg/m ²
Recoatable	15 min.

Storage and shelf life

At least 24 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*

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).

Hazard warnings

- H226: Flammable liquid and vapour.

Associated documents

Please refer also to the following documents:

- TD524-2 Safety Data Sheet

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.