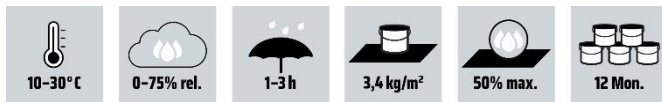


ELAPRO Dachdicht 1k-CRYL

TD111 Technical Data Sheet



Areas of application

- ELAPRO Dachdicht 1k-CRYL is used in the system with the ELAPRO Vlies 120 for the permanent sealing of connections as well as areas on flat roofs.
- With the system, windows and base areas can also be sealed permanently.
- Suitable material substrates include aluminum, chemically untreated concrete, elastomer bitumen, plastomer bitumen, glass, various wood-based materials, clinker, copper, OSB, PVC (plastic parts), steel, zinc and ECB, EPDM, EVA, PIB, PP, PVC and TPO/FPO.

Characteristics

- no primer required - on almost all surfaces
- thixotropic - suitable for vertical and horizontal surfaces
- air hardening
- one-component - no mixing required
- ready to use - direct processing from the container
- solvent free (VOC)
- harmless to health - no hazard labeling
- slightly damp surfaces (max. 50 %)
- UV and weather resistant
- crack bridging up to 5 mm
- highly tear-resistant
- self-vulcanizing - always recoatable
- resealable - max. 9 months shelf life after first opening

Delivery form

5 kg, 10 kg, 25 kg plastic container

Consumption

Min. 3.4 kg/m² depending on the nature of the substrate.

Material characteristics

| | |
|------------------------------|--|
| Relative humidity | 0 to 75 % |
| Ambient temperature | +10 °C to +30 °C |
| Substrate temperature | +10 °C to +60 °C |
| Surface | dry to slightly damp (max. 50 %) |
| System basis | polyacrylate |
| Drying | air |
| Viscosity | liquid, thixotropic |
| Density | 1.5 g/cm ³ |
| Processing time ¹ | unlimited |
| Rain proof ² | after 120 minutes |
| Walkable ² | after 48 hours |
| Full adhesion ² | after 96 hours |
| Recoatable ² | unlimited |
| Standard color(s) | silk grey (ca. RAL 7044) black (ca. RAL 9005) |
| Special color | on request |

¹Direct sunlight must be avoided. For longer work interruptions, the container must be hermetically sealed.

²Measurements at 20 °C and a relative humidity of 60%. The specified values are influenced by weather influences such as air humidity, temperature and wind. Temperature and humidity must provide the possibility of curing in the following hours after the order.

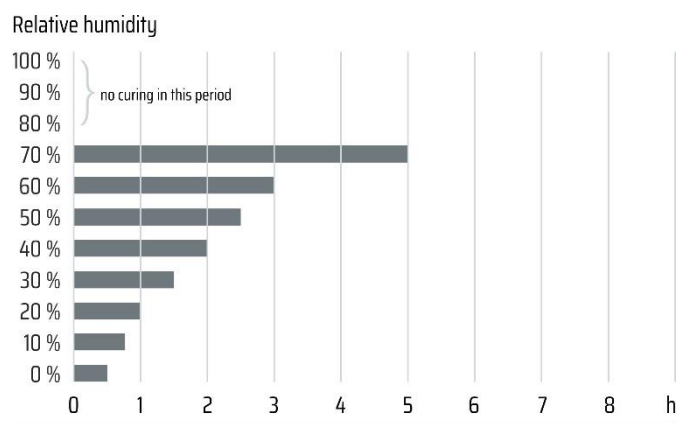
Tools

Recom: lambskin roller, electric agitator

Alternative: brush, squeegee, stir bar

Cleaning: in the liquid state with water

Rain proof



Processing

Surface preparation

The surface must be thoroughly cleaned. The substrate must be free of dust, oil and grease for processing. Deposits, mosses and lichens are to be removed without residue. Bubbles must be opened and fastened. Loose surfaces are to be solidified and smoothed. The substrate must be firm and stable. Loose old paintings may need to be removed. Slightly dampened surfaces (max. 50%) are permissible.

Primer

Prior to the coating, the necessity of using a primer (see TD113 Adhesive priming) must be checked.

Sealing

Dachdicht 1k-CRYL must be stirred well before use. Avoid fast stirring due to air. The processing takes place with a roll.

Basecoat

2.0 kg of ELAPRO Dachdicht 1k-CRYL are applied per square meter as a basecoat to the substrate. Proper processing takes place at ambient temperatures of at least +10 °C and max. +30 °C and at surface temperatures of at least +10 °C and max. +60 °C. The relative humidity must be between 0% and 75 %.

Fleece

Immediately after application of the basecoat, the fleece must be inserted. The basecoat must not have formed any skin. In strong sunlight and high temperatures, the basecoat should be misted with water (use spray bottle) to delay the formation of skin. The fleece must be laid wrinkle-free, without air pockets and cavities and is carefully pressed with a dry roll, so that a good impregnation takes place. The fleeces lying next to one another must overlap at least 5 cm and always run with the direction of flow of the water. The same material layer thickness must be applied between the overlapping fleece ends.

Topcoat

1.4 kg of ELAPRO Dachdicht 1k-CRYL is applied to the ELAPRO Vlies 120 per square meter as a topcoat. There must be no fleece spots exposed. ELAPRO Dachdicht 1k-CRYL must be applied 0.5 cm above the fleece end.

Storage & Durability

In original packaging, stored cool, dry, frost-free and airtight, at least 12 months shelf life. Keep container in a well-ventilated place. Direct solar radiation must also be avoided on the construction site. Opened, at least half-full containers are stable under the same conditions for up to 9 months.

General remarks

Please also note the following documents:

- TD112 Processing instructions
- TD113 Adhesive priming
- TD114 Safety data sheet

Disposal

Liquid: EAK 08 04 10

Emptied: EAK 08 04 10

Test results according to ETA005 / 18/0987

| | |
|--|-------------|
| External fire performance (EN 13501-1) | B Roof (r1) |
| Reaction to fire (EN 13501-5) | E |
| Working life | W2 |
| Climatic zone | S |
| Load capacities | P1-P4 |
| Roof slope | S1-S4 |
| Surface temp. (min):(max) | TL4:TH3 |

Hazard warnings

Non

Compatible system components

- ELAPRO Vlies 120
- ELAPRO Haftgrund KS
- ELAPRO Haftgrund UN
- ELAPRO Top 1k-SIL

General information

All data provided herein are for the purpose of describing the material only and are based on tests and results obtained from practical use. Therefore no guarantee can be given for their accuracy or completeness. Consultations are made to the best of our knowledge. Color deviations or changes have no influence on the technical parameters of the products. Times are shortened at higher and extend at lower ambient and surface temperatures. All data are subject to change without notice. The data sheet loses its validity no later than 5 years after its publication. The information and recommendations contained in this product information correspond to the current state of our knowledge and serve to inform the buyer. They do not release the buyer to check the products for their suitability and use on the respective surface. The products described may only be processed in the system with the system components mentioned here. We guarantee perfect quality within the scope of our terms of delivery and payment.

Safety instructions

All safety regulations on the containers, the technical product information and the safety data sheets as well as the relevant local, national and EU regulations must be observed. Care must be taken for personal safety at work.