



Flat roofs, balconies and buildings:
Details, connections, small surfaces

NELSKAMP

Official sales partner

ETA – 18/0987 on the basis of
EAD 030350-00-040200
W3 – 25 years

Fire behaviour DIN 4102-1 and
DIN EN 13501-1
Fire class E

External fire performance
DIN 4102-7 and DIN EN 13501-5
Class B_{Roof} (f1)

ZVDH material guarantee



ELAPRO 1k-CRYL

Liquid waterproofing for flat roofs, balconies and buildings

- Not classed as hazardous material or hazardous cargo, so no hazard label required
- Odourless, as free of solvents and pollutants
- Can be processed from 0% relative humidity
- Can be processed on to mineral substrates with residual moisture



ELAPRO PRODUCT
PHILOSOPHY

www.elapro.de/en/



Non-hazardous
to health



Environmentally
friendly



Convincingly
simple



Certified
quality



Processing video
Light dome waterproofing

ELAPRO 1k-CRYL

1k- Liquid waterproofing for flat roofs, balconies and buildings

10 good reasons for ELAPRO

1

Non-hazardous to health

2

No odour nuisance

3

Convincing simple

4

Maximum weather flexibility

5

Long-term stability in storage and re-usability

6

High quality and extended warranty

7

Absolute service concept

8

Easy to understand product range

9

Ecological sustainable

10

Hansi lives



Learn more



Your advantages in processing – Green. Fast. Safe.

Safety-certified. ELAPRO 1k-CRYL has ETA-18/0987 on the basis of EAD 030350-00-0402 (W3 – 25 years) and is resistant to sparks and radiant heat in accordance with DIN 4102 and EN 13501-1.

Stable. ELAPRO 1k-CRYL has a high level of stability. That makes it easy to build a proper layer structure without runners.

Dry weather conditions. ELAPRO 1k-CRYL hardens extremely fast even at very low humidities and forms a rainproof layer.

Slightly damp substrates. ELAPRO 1k-CRYL can be processed on slightly damp mineral substrates without drying first or long waits. Application to such substrates does not cause bubbles to form.

Environmentally friendly and safe. ELAPRO 1k-CRYL is free of solvents, softeners and isocyanates. It does not contain any pollutants subject to labelling and can be disposed of as domestic/commercial waste.

Odourless. ELAPRO 1k-CRYL does not emit any odours during and after processing.

Strong adhesion. ELAPRO 1k-CRYL adheres directly to many substrates without needing a primer.

High level of stability in storage and resealable. ELAPRO 1k-CRYL has a shelf life of at least 24 months. Open containers can be resealed and used for up to a further 9 months.

Material and processing	
Characteristics	Description
System basis	Polyester resin / Polyacrylate
Hardening/Crosslinking	Air drying and self-crosslinking
Viscosity	Viscous, thixotropic
Delivery form	Plastic container: 5 kg/10 kg
Stability in storage/Storage	At least 24 months/Cool, frost-free, dry, sealed tight
Standard colours	Black, silk grey
Relative humidity	0 to 75%
Processing temperatures	+10 to +35°C
Substrate temperatures	+5 to +60°C, at least 3°C above dew point
Residual substrate moisture	Dry to slightly damp
Consumption	At least 3.5 kg/m²

Primer recommendations*	
Mineral substrates	
Concrete and screed (used surfaces)	ELAPRO Primer UN
Concrete and plaster (details, connections), slated/sanded bitumen sheet, glass, timber-based materials (glued laminated timber, OSB among others), timber (untreated), clinker brick	No adhesive primer necessary
Plastic-based substrates	
EPDM, EVA, FPO/TPO, GRP, PIB, PVC (sheets)	ELAPRO Primer KS
PVC (hard)	No adhesive primer necessary
Metallic substrates	
Aluminium, stainless steel, steel	ELAPRO Primer UN
Copper, zinc	No adhesive primer necessary

*Other substrates on request or see TD113 primer recommendations.

Note: We always recommend an adhesive primer test.

