



Enkopur®

the uncompromising all-weather skin

for area-covering protection on all roofs

www.enke-werk.de



Enkopur®

Since every roof needs a weather-proof protective skin!

The best contribution to maintaining the value of a roof is a weather-proof protective skin. Together with Enke Polyflex fleece, Enkopur® forms an exemplary all-weather skin, reliably protecting roofs against the ingress of moisture even in critical joining areas. You will benefit from the security of a proven system – without downtimes, without any unforeseen costs.

Enkopur® is a single-component, self-vulcanizing and weather-proof liquid plastic for sealing flat roofs, balconies, terraces and complicated connections. Enke Polyflex fleece as a durably crack-bridging reinforcement, Enkopur® as long-time protective liquid plastic: This formula has proved itself. Special polyurethane prepolymers provide for unusually fast rain resistance and durable functional security of the surface even in unfavourable external conditions.

The adhesion of the system with corresponding prime coats is very good on surfaces found on the part of the building site. The water vapour permeability is excellent and even outperforms the outstanding values of Enkryl®. Potential residual moisture in a roof structure can escape at any time while all surfaces, problem areas and connections remaining seamlessly sealed in the long term!

Enkopur® with Enke Polyflex fleece: Proven security even in critical joining areas!

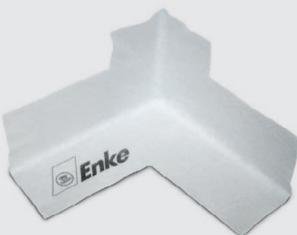
Fleece roll



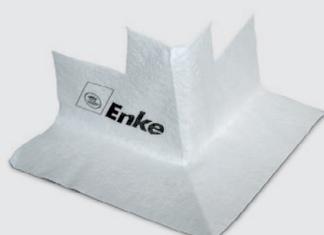
Collars



Internal corner



External corner



Enkopur® Product advantages

- Seamless weather-proof sealing
- Weather-resistant
- Single-component
- Self-vulcanizing
- Astonishingly quick rain-proofing
- Excellent adhesion
- Excellent water vapour permeability
- European technical admission in compliance with ETAG 005 ETA-04/0020
- General test certificate approved by building authorities for resistance to flying sparks and radiating heat in compliance with DIN 4102
- FLL test certificate
- BBA certificate
- Cold-processible (no welding required)

Enkopur®

Areas of application

For the reliable sealing of:



- Flat roofs



- Rising construction components



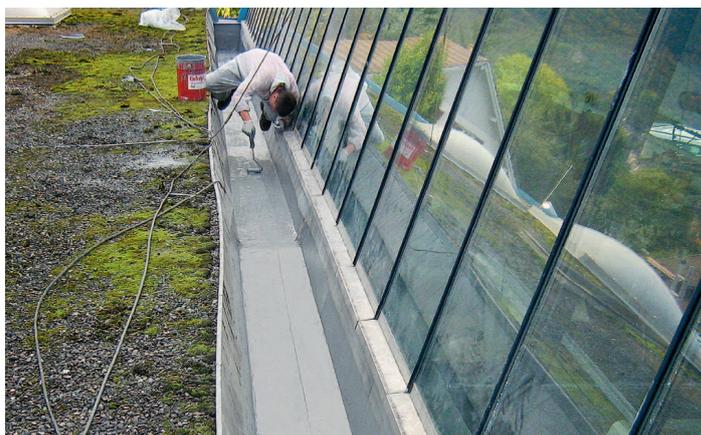
- Terraces and balconies



- Door cut-outs with little height, internal and external corners



- Critical, difficult joining areas



- Box gutters

Enkopur®

Technical data

Basis:	Polyurethane
Density:	1.4 g/cm ³ at 20 °C
Viscosity:	approx. 6000 mPas/20 °C (thixotropic)
Elongation:	approx. 40 % incl. fleece
Tensile strength:	approx. 7 N/mm ² incl. fleece
Water vapour diffusion resistance rate μ:	approx. 1550
Skin-forming time:	approx. 2 hours at 20 °C and 60 % rel. humidity
Colour:	silver grey / black
Resistance:	Resistant to seawater, saltwater, factory fumes, UV and oxygen. Organic solvents cause Enkopur® to swell and must be kept away.
Shelf-life:	at least 6 months in unopened original container
Artificial weathering:	after 10.000 h the surface has become matt, (Q.U.V. - B/4 h, UV/4 h, 100 % rel. humidity at 60 °C in turns), otherwise no change
Delivery form:	4.0 kg packing drum, 12.5 kg packing drum, 25 kg packing drum
Consumption:	Sealing, at least 3.0 kg/m ² with additional Enke Polyflex fleece insert (110 g/m ² coating weight per unit area)
Prime coat:	<ul style="list-style-type: none"> · Enke Universal Primer 2K · Enke Universal Primer 933 · Enke Primer P-O · Enke Glass Primer
System components of Polyflex fleece:	<ul style="list-style-type: none"> · Fleece roll: Roll with 50 m, width: 15 cm, 20 cm, 30 cm, 50 cm, 100 cm, special widths on request · Collars · Internal and external corners · Special collars for hanger bolts

We can send you technical documentation and test results on request. We also operate a mobile service team providing free advisory service and roof inspections.

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