

Technical Data Sheet

Enke Arctic Seal

Product Description:

A one-component and weather-resistant, fibre-filled sealant for emergency repairs, perfect for use on rooftops, balconies, terraces and in outside fittings and inter-sections.

Properties:

- solvent-free
- one-component
- can be used below 0°C
- can be used on slightly damp substrates
- highly elastic
- no water vapour diffusion barrier
- seamless
- quickly becomes rainproof
- weather-resistant
- easy to use



Designated Use:

Suitable for seamless application on concrete substrates, screeds and bituminous rooftops, it also works on foil and metal roofs, in particular in areas exposed to stagnant water for longer period of time (e. g. gullies or water exchange areas). Arctic Seal comes without a diffusion barrier and can be easily applied to slightly damp substrates. This makes it perfect for temporarily targeting and fixing leaks quickly until weather conditions permit proper sealing with fleece inlay.

Enke Arctic Seal can also be used at temperatures below 0°C, provided the surface is free from snow and ice.

Certification:



Application:

Enke Arctic Seal 1K LF can be easily applied using a brush, trowel or spatula. Due to the fibre reinforcement, air pockets, bubbles and bumps can quickly occur. These should be avoided as far as possible. Upright fibres should also be smoothed down to ensure the surface is smooth and even.

As soon as weather conditions permit, a proper seal using e.g. Enkolan, Enkopur or Enkryl with polyflex fleece inlay, should be applied.

Technical data:

Base:	PUR prepolymers
Delivery form:	Liquid, thixotropic, fibre-reinforced
Colours:	Grey
Density:	Approx. 1.27 g/cm ³ at 20°C
Skin-forming time:	Approx. 1 hr. at 20°C and min 60% humidity
Consumption:	Approx. 1.5 – 3.0 kg/m ² (as emergency seal)
How to apply:	Cold with brush, trowel or spatula



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Consumption:

Total consumption for Enke Arctic Seal is approx. 1.5-3.0kg/m². This may be higher than 3.0kg/m² for corrugated or strongly structured substrates.

Storage:

Cool, dry, in sealed original containers; for more information see Safety Data Sheet.

Shelf life:

At least 12 months if stored properly.

Disposal:

As soon as you have finished using the product, empty the packing drums completely to allow proper disposal, ensuring they are scraped out, cleaned and drip-free. Tin containers emptied of residue can be recycled using appropriate steel recycling channels. As a certified user of the German recycling logo ENKE can provide a list of collection points.

The user shall dispose of non-hardened adhesive materials or larger amounts of product residues in tin containers at his costs as this is special waste.