

# Technical Data Sheet

## Enkolan

### Product Description:

Seamless, solvent-free, highly elastic, water vapour diffusion permeable and weatherproof waterproofing system, permanently reliable in conjunction with an Enke Polyflex fleece insert, for roof surfaces, balconies, terraces, cellar rooms and storerooms, stairs and entrance halls, connections and penetrations. Suitable not only for concrete substrates, screeds and bituminous roof surfaces but also for film and metal roofing, especially in areas where stagnant water may occur for extended periods of time, e.g. in gutters or fluctuating level zones.

### Composition:

Enkolan is a single-component, weatherproof formulation based on high-quality, silane-terminated prepolymers.

### Properties:

Enkolan waterproofing system is fully self-curing as a result of the humidity of the air and exhibits very good adhesion to the roof surfaces found on site.

Its excellent weather resistance and ageing stability is attained by using special silane-terminated prepolymers.

Enkolan offers outstanding permanent flexibility and embrittles neither as a result of ageing nor at extremely low temperatures (permanently elastic down to below  $-30^{\circ}\text{C}$ ).

The good water vapour permeability allows any residual moisture to dry out over the course of time. The moisture-curing properties of the Enkolan ensure rapid rain fastness.



### Certification:



### System Fire Testing:

Test Standard: CEN/TS 1187: 2012  
Classification Standard BS EN 13501-5: 2016



Determination of external fire performance is a system test which will be influenced by the components within the roofing system.

Whilst Enkolan can be included in compliant  $B_{\text{ROOF}}(t_4)$  systems, always check with MOY Technical Services for the latest information on testing carried out.

### Application:

It is applied in cold condition using a lambskin roller or a paint brush. For more details on application please refer to our separate, detailed application instructions.



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**Technical data:**

Basis:	Silane-terminated prepolymers (STP)
Delivery form:	Liquid, thixotropic
Colours:	Grey
Density:	Approx. 1.3 g/cm <sup>3</sup> at 20°C
Skin-forming time:	Approx. 1 hr. at 20°C and 60% RH

**Consumption:**

Approx. 3.0 kg/m<sup>2</sup> (waterproofing system with Enke Polyflex fleece).

**Delivery form:**

12.5 kg and 4.0 kg disposable tin packing drum.

**Storage:**

Cool, dry, in sealed original containers; for more information see SDS.

**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 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.