

# Technical Data Sheet

## Enkopur

### Product Description:

Seamless, highly elastic, water vapour diffusion permeable and weatherproof waterproofing system for roof surfaces, balconies, terraces, connections and penetrations, proven over many years and permanently reliable in conjunction with an Enke Polyflex fleece insert. 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:

Enkopur is a single-component, weatherproof polyurethane coating based on tried and tested high-quality PUR prepolymers.

### Properties:

Enkopur is fully self-curing as a result of the humidity of the air and exhibits superb adhesion to the surfaces found on site.

Its excellent weather resistance and ageing stability is attained by using special PUR prepolymers. Enkopur offers outstanding permanent flexibility and embrittles neither with age nor at extremely low temperatures (permanently elastic down to below  $-35^{\circ}\text{C}$ ).

The exceptionally good water vapour permeability with a diffusion factor of around  $\mu = 1,550$  allows any residual moisture to dry out over the course of time.

The moisture-curing properties of Enkopur ensure rapid rain fastness.



### Certification:



### System Fire Testing:

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

warringtonfire

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

Whilst Enkopur can be included in compliant  $\text{B}_{\text{ROOF}}(\text{t4})$  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.



# Technical Data Sheet

## Enkopur

### Technical data:

Basis:	PUR prepolymers
Delivery form:	Liquid, thixotropic
Colours:	Silver grey, black, Anthracite & Castle Grey
Crack bridging:	In accordance with EOTA Guideline
Weather resistance:	In accordance with EOTA Guideline
Density:	Approx. 1.4 g/cm <sup>3</sup> at 20°C
Skin-forming time:	Approx. 2 hrs. at 20°C and 60% RH
Water vapour diffusion factor:	$\mu$ = approx. 1,550
Reaction to fire (EN 13501-1):	Class E
European Technical Approval (ETA):	Granted
Test certificate acc. to FLL	
	<i>(Forschungsgesellschaft Landschaftsentwicklung Landschaftsbau – Research Society for Landscape Development and Landscaping):</i> Granted
British Board of Agrément (BBA):	Granted

### Consumption:

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

### Delivery form:

25 kg, 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 6 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.