

ENKOPUR®

Product description

Brief 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	<p>ENKOPUR is fully self-curing as a result of the humidity of the air and exhibits superb adhesion to the roof surfaces found on site.</p> <p>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°C).</p> <p>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.</p> <p>The moisture-curing properties of ENKOPUR ensure rapid rainfastness.</p>																								
Application	It is applied in cold condition using a lambskin roller or a squeegee. For more details on application please refer to our separate, detailed application instructions.																								
Technical data	<table border="0"> <tr> <td>Basis:</td> <td>PUR prepolymers</td> </tr> <tr> <td>Delivery form:</td> <td>Liquid, thixotropic</td> </tr> <tr> <td>Colours:</td> <td>Silver grey/black</td> </tr> <tr> <td>Crack bridging:</td> <td>In accordance with EOTA Guideline</td> </tr> <tr> <td>Weather resistance:</td> <td>In accordance with EOTA Guideline</td> </tr> <tr> <td>Density:</td> <td>Approx. 1.4 g/cm^3 at 20°C</td> </tr> <tr> <td>Skin-forming time:</td> <td>Approx. 2 hrs. at 20°C and 60% RH</td> </tr> <tr> <td>Water vapour diffusion factor:</td> <td>$\mu = \text{approx. } 1,550$</td> </tr> <tr> <td>Fire classification:</td> <td>B 2</td> </tr> <tr> <td>Test certificate acc. to DIN 18195:</td> <td>Granted</td> </tr> <tr> <td>European Technical Approval (ETA):</td> <td>Granted</td> </tr> <tr> <td>Test certificate acc. to FLL (Forschungsgesellschaft Landschaftsentwicklung Landschaftsbau – Research Society for Landscape Development and Landscaping):</td> <td>Granted</td> </tr> </table>	Basis:	PUR prepolymers	Delivery form:	Liquid, thixotropic	Colours:	Silver grey/black	Crack bridging:	In accordance with EOTA Guideline	Weather resistance:	In accordance with EOTA Guideline	Density:	Approx. 1.4 g/cm^3 at 20°C	Skin-forming time:	Approx. 2 hrs. at 20°C and 60% RH	Water vapour diffusion factor:	$\mu = \text{approx. } 1,550$	Fire classification:	B 2	Test certificate acc. to DIN 18195:	Granted	European Technical Approval (ETA):	Granted	Test certificate acc. to FLL (Forschungsgesellschaft Landschaftsentwicklung Landschaftsbau – Research Society for Landscape Development and Landscaping):	Granted
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Consumption	Approx. 3.0 kg/m^2 (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 MSDS
Shelf life	At least 6 months if stored properly
Disposal	<p>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.</p> <p>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.</p>

All information in this publication is based on our current technical knowledge and our experience and is intended as general guidelines only. The variety of possible influences on application and use do not exempt users from familiarising themselves with the correct use of our products by carrying out their own tests and trials. Be sure to consult our factory before carrying out restorations on unfamiliar or unusual substrates. Since a proper, professional use of our products is beyond the scope of control of the manufacturer, our warranty covers only the condition of the material. All and any damage due to improper application, incorrect choice of material or inadequate substrate preparation is excluded from our warranty. This document does not represent a legally binding assurance of certain characteristics or suitability for a specified purpose. The user is responsible for protecting the rights of third parties and complying with all current legislation and regulations. Any oral comments made by our employees which contradict the content of the present publication shall be invalid unless expressly confirmed in writing by ENKE-WERK. Non-compliance with these conditions shall render the material warranty void.

Without prior consultation with our factory the user is responsible for any application beyond the scope of the recommendations contained in this publication. Any damage resulting from such applications shall be excluded from our warranty.

This product description supersedes all previous versions.

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