



Enketop

Balconies and terraces with safe flooring

the single-component floor-surface coating system

www.enke-werk.de





Enketop

Balconies and terraces with safe flooring

Balconies and terraces are not only permanently exposed to heavy mechanical load, but above all to extreme weather and temperature fluctuations. Problems resulting thereof are sufficiently known, such as e. g. exfoliating coatings, penetrating moisture caused by cracks in the floor and mellowing surfaces.

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Product advantages

- Single-component materials
- Long-time safe sealing of connections and details
- Holohedral fleece reinforcement of balcony sealing in line with the flat-roof directives
- UV- and environment resistant for a long life-time
- Optical design options thanks to multi-coloured chips scattering or Enke QuartzColor



Detailed solutions



Low door connection heights



Staircases

Thanks to its diffusivity, our single-component Enketop balcony and terrace coating provides the prerequisite for a safe long-time layer structure. Enketop is weather and UV-resistant, chemical-resistant and easy to clean. The partial or holohedral scattering of coloured plastic chips or Enke QuartzColor opens up a variety of options for the creation of optically attractive surfaces. Enketop is applicable on many structural substrates, preferably on mineral surfaces such as e. g. concrete or cement floor, where required even on old tiles.

Conclusion

Enketop protects and in combination with our Enkopur® system maintains the valuable basic structure of your building. In order to prevent damages at balcony and terrace floors on a sustained basis, professionals increasingly decide in favour of high-quality Enke products with long-time security. The practically proven waterproofing system Enkopur® in combination with an Enke Polyflex fleece insert provides the basis for the Enketop wearing surface.

Thanks to the renovation-friendly combination of Enkopur® and Enketop, long-lasting optically attractive surfaces for balconies, terraces and loggias are produced, additionally featuring excellent mechanical characteristics. The good permeability of the Enketop system proved avoids inclusions

of moisture in the building's structure on a sustained basis. Its low constitution height and light surface weight of less than 6 kg/sqm makes the Enketop system applicable on almost all structural substrates. This saves expensive demolition costs and avoids overload of the statics.

Always at your disposal!

We shall be pleased to advise you under the following phone numbers:

Enke-Werk, Düsseldorf

+49 (0) 211 304074

Enke's technical exhibition, Langenfeld

+49 (0) 2173 8956840

www.enke-werk.de

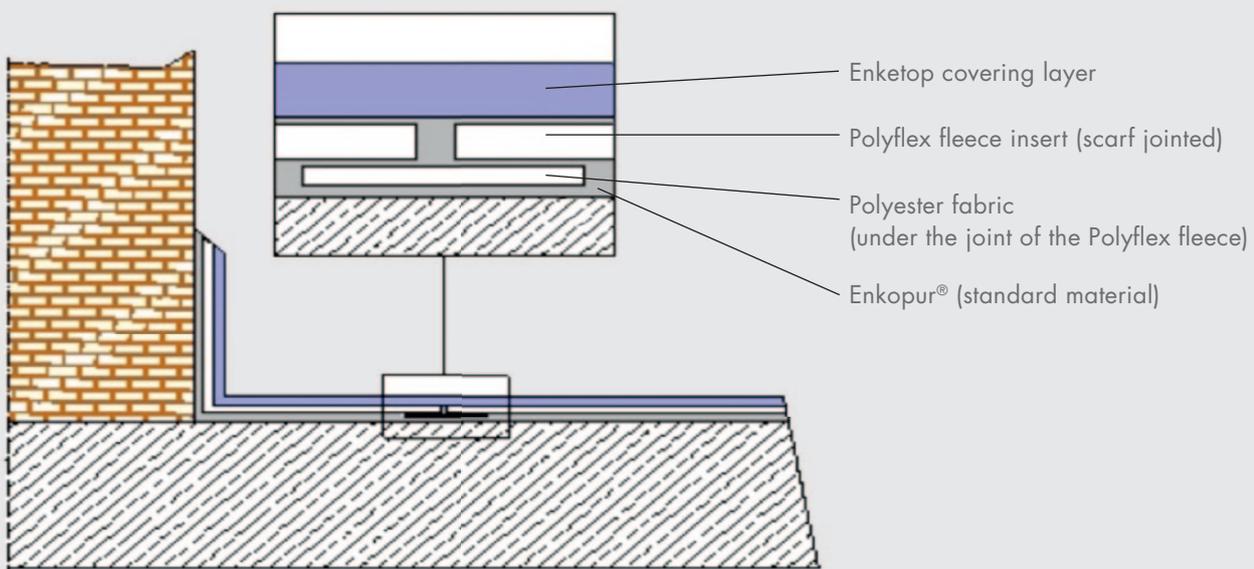
E-Team Expert advice



Thinking ahead!

Without Enketop coating, balcony and terrace surfaces can no longer cope with the demanding security standards. For a secured long-time functionality, cement-bonded floor screed or concrete e. g. require additional blooming in order to comply with the high requirements on a sustained basis.

Layer structure of the Enketop coating system:





Painting rising wall connections with Enketop



Applying Enketop using the grooved spreader



Ventilation of Enketop coating



Scattering of Enke plastic chips

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Operational process in brief

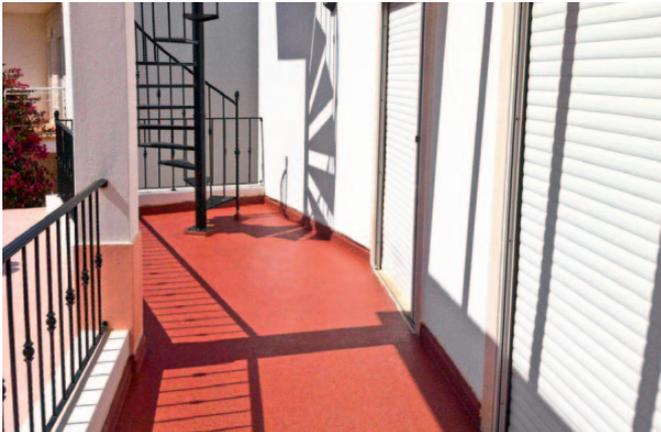
1. Cleaning and drying of the substrate
2. Applying a prime coat, depending on the substrate's conditions
3. Sealing the wall connections with Enkopur®/ Polyflex fleece / Enkopur®
4. Sealing the entire surface with Enkopur®/ Polyflex fleece / Enkopur®
5. Applying the final coating of Enketop
(after hardening of Enkopur®)
 - a) in the wall area
 - b) in the floor area
6. Ventilation in the floor area using a spiked roller
7. Optical design by scattering coloured plastic chips or Enke QuartzColor
8. Applying the Enketop sealing smooth or anti-slip



The result: long-time safe, decorative surface.

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Application examples



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Brief description

Enketop is a seamless, highly elastic and weather-proof coating for Enkopur®, capable of water vapour diffusion.

Composition:

Polyurethane coating based on high-quality, practically proven PUR-prepolymers. Single-component and weather-proof.

Features:

Enketop automatically cures with humidity of the air and features an excellent adherence on Enkopur®.

Processing:

Processing is done in cold condition using a lambskin roller or grooved spreader.

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Technical data

Basis:	PUR-prepolymers
Delivery form:	liquid, thixotropic
Farbton:	grey
Density:	approx. 1.4 g/cm ³ at 20 °C
Skin forming time:	approx. 1 h at 20 °C and at least 60 % r. h.
Cold flexibility:	<- 30 °C
Temperature resistance:	80 °C
Water vapour diffusion resistance rate μ:	approx. 3000
Delivery form:	12.5 kg packing drum
Shelf life:	at least 6 months in unopened original container
Consumption:	approx. 3.0 kg/sqm

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