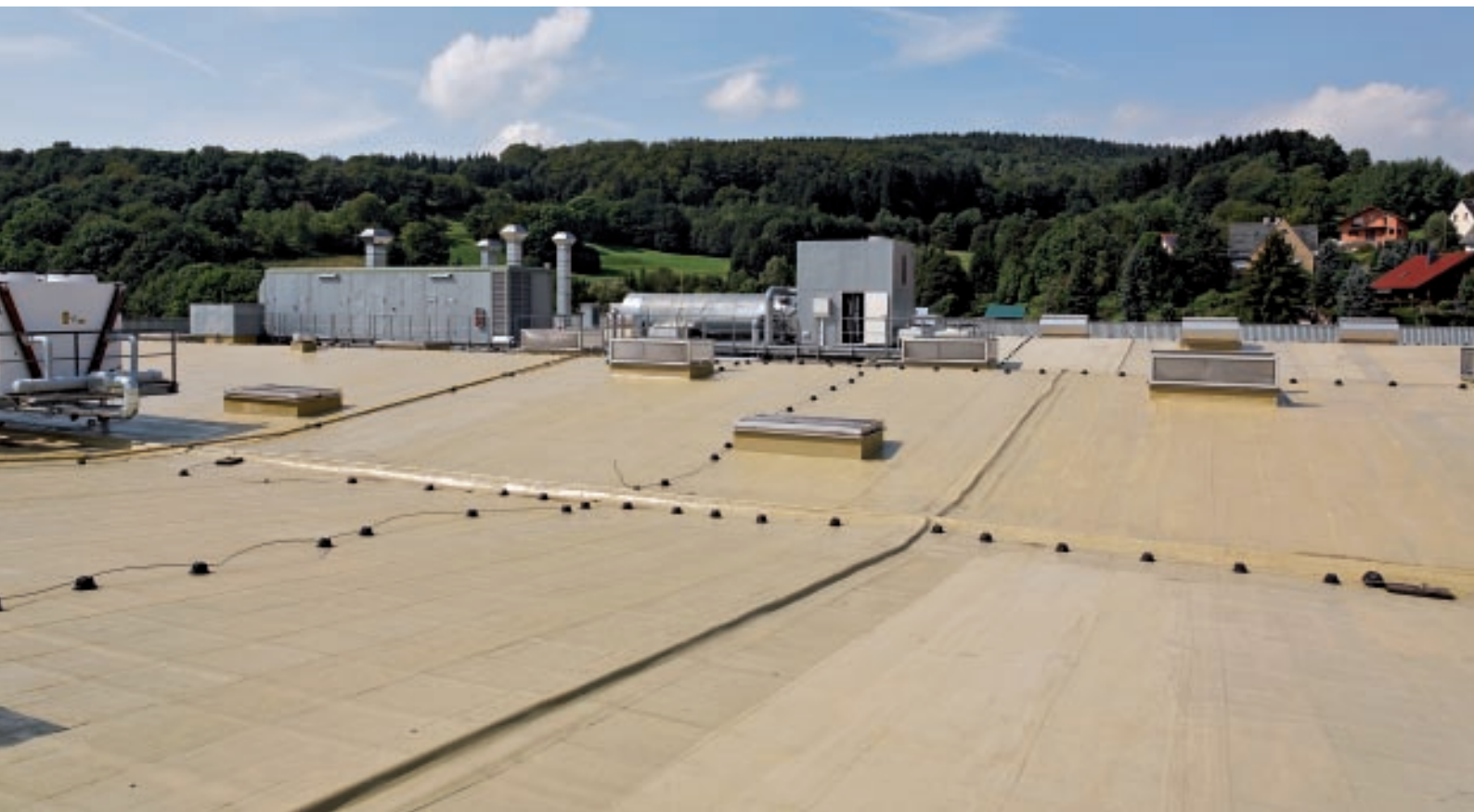


# KEMPEROL® 2K-PUR

The solvent-free liquid waterproofing system for sensitive areas



 **KEMPER**  
SYSTEM



KEMPEROL® 2K-PUR is an odourless, solvent-free liquid waterproofing system specially developed for sensitive areas. It is ideal for situations where the presence of solvents is to be avoided.

KEMPER SYSTEM, with over 30 years experience in developing waterproofing systems, have formulated KEMPEROL® 2K-PUR to meet modern technical and environmental demands.



# Experience and Innovation

This odourless liquid-applied system is particularly suitable for guaranteed long-term waterproofing of roofs, balconies, terraces, and interior areas in environments such as

- Hospitals
- Nurseries
- Schools
- Air conditioned offices



- Roof refurbishment of a hospital (title)
- Waterproofing of a production plant with operating air-conditioning on the roof (left page, top)
- Interior waterproofing (left page, bottom)
- Waterproofing of balconies of a hotel (left, top)
- Mastic asphalt on top of a waterproofing membrane on a parking deck (left)

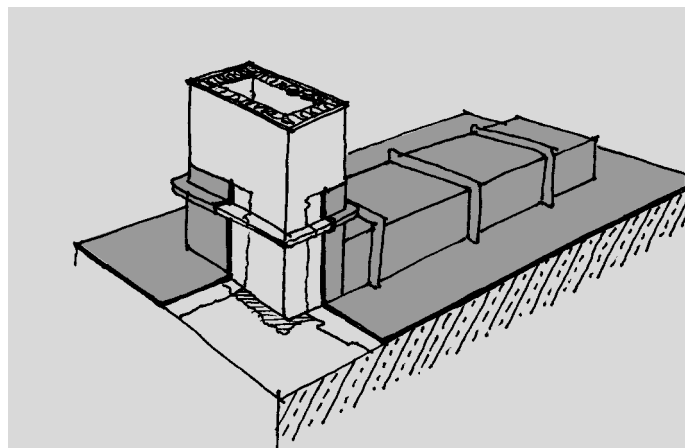
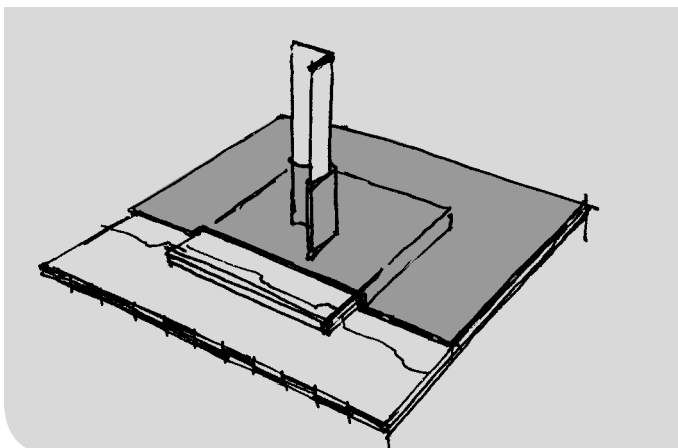




## Details? No problem

KEMPEROL® 2K-PUR is a cold applied, liquid polymer system. The material cures to form a permanently elastic, seamless membrane providing long term waterproofing to even the most awkward details. These normally difficult areas present no problem to KEMPEROL® 2K-PUR.

Full-surface adhesion to the substrate eliminates the need for mechanical fixings or the use of additional flashings. The longevity of the system has been established in just about every climatic and temperature extreme worldwide.



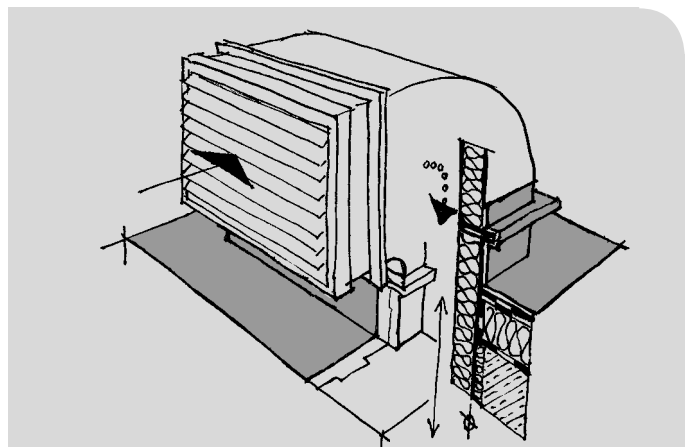
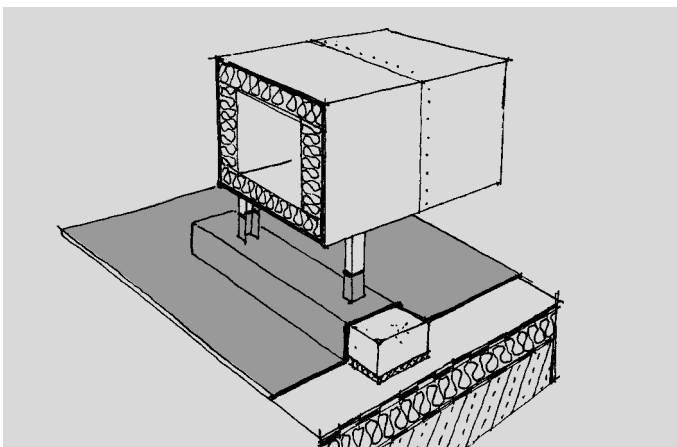




- With liquid applied resin systems details are easily integrated into the surface waterproofing (left)
- Single-source waterproofing and coating systems (top)

KEMPEROL® 2K PUR, quick and easy to apply, guarantees long term waterproofing in sensitive areas. Business can go on as normal during application of KEMPEROL® 2K PUR. Air conditioning can continue to run uninterrupted. The expense of out-of-hours and weekend working can be avoided.

Fully-reinforced liquid waterproofing systems are now recognized by testing authorities and specifiers worldwide as serious alternatives to traditional flat roofing systems. KEMPEROL® 2K-PUR is at the cutting edge of modern waterproofing technology.





## Application

KEMPEROL® 2K-PUR is applied in a two layer, wet-on-wet process.

The first layer is applied to the substrate and the reinforcing fleece rolled in, removing any air bubbles and allowing a 5 cm overlap between sections of fleece.

The surface is then saturated with a second layer. The 2 mm thick waterproofing system cures and bonds firmly to the substrate.

KEMPEROL® 2K-PUR is ideally suited for machine application with the KEMPERATOR to increase efficiency on larger surfaces.

- Application (top)
- The KEMPERATOR application machine (centre)
- Courtyard of a residential area (right)







## **KEMPER SYSTEM Service**

- Service by experienced construction engineers and technicians
- Damage evaluation and repair proposals
- Compilation of service schedules
- Technical consulting and site supervision up to project completion
- Technical training on site or at the KEMPER SYSTEM Training Centre
- Product knowledge regularly refreshed through KEMPEROL® courses and training
- KEMPER SYSTEM-trained specialist contractors
- Detailed technical information is available on request and on the Internet



# KEMPEROL® 2K-PUR – Advantages at a glance:

- Durable thus economic: life expectancy of 25 years according to ETAG 005
- Solvent-free and odourless
- For sensitive areas
- Can be used in interior areas
- Air conditioning need not to be switched off during application
- Cold liquid applied
- Easy recovering of old membranes
- No pre-fabricated moulded parts are required for detailed work
- Perfect forming regardless of surface
- Very good adhesion on virtually every substrate
- Full-surface adhesion without mechanical fixings or flashings
- Prevents water from migrating below the system
- No wind suction
- Lightweight nature adds minimal load to roof
- Water vapour permeable allowing entrapped substrate moisture to evaporate, hence existing membranes need not to be removed
- Resistant to normal maintenance foot traffic
- Permanently elastic from -30 °C to +90 °C
- Tear resistant
- Bridges cracks up to 2 mm
- UV resistant without additional protection
- Resistant to thermic weathering effects
- Resistant to a wide range of chemicals (resistance list available on request)
- Classification acc. to EN 13501-1: Reaction to fire and EN 13501-5: External fire performance



YOUR KEMPER SYSTEM PARTNER:

KEMPEROL® products may be applied only by specially trained applicators. Our partners visit our Training Centre regularly, for updates on products and application techniques, the objective being to ensure that each and every application of KEMPEROL® achieves long term durability and customer satisfaction.

**KEMPER SYSTEM GmbH & Co.KG**

Holländische Straße 32-36 · 34246 Vellmar, Germany · Tel. +49 561 8295-0 · Fax +49 561 8295-10

E-Mail: [post@kemper-system.com](mailto:post@kemper-system.com) · [www.kemper-system.com](http://www.kemper-system.com)

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