

KVK Coating Systems

Proven sealings



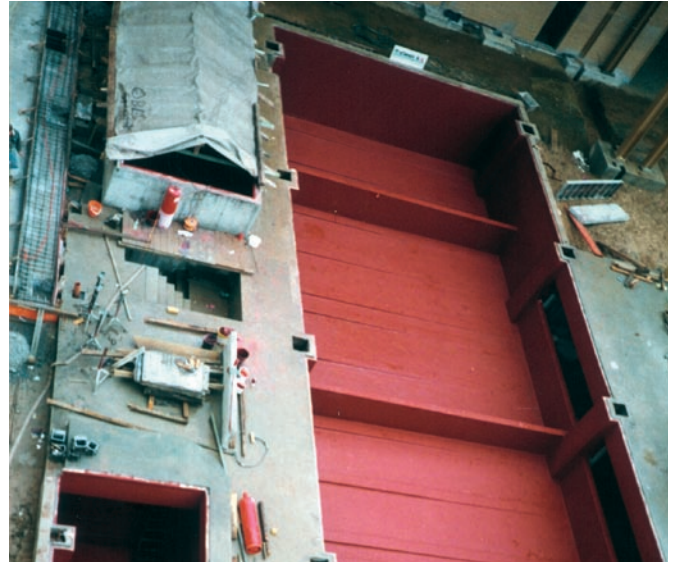
Advantages

- Working at low ambient temperature is possible
- Moisture not a problem during work
- Cracking is negligible because of the thin individual layers
- Excellent adherence to ground
- Coating of vertical walls not a problem
- Full loading possible only 24 hours after application
- Simple and easy repairing of damage
- Sandwich structure guarantees excellent mechanical strength and corrosion resistance
- Ideal for the restoration of old floors

Where and When

KVK coatings serve as protection for concrete or steel structures against chemical corrosion by acids or alkaline solutions. Floors, troughs, channels, vertical walls, enclosures etc. can be coated. Outdoor applications are also possible as KVK coatings offer excellent long term weather resistance. Our coatings excel with a mechanical strength which not only allows them to be walked upon, but also allows, for example, fork lift trucks to be driven across them. Long term testing by independent testing institutions has confirmed the diffusion proofness of our coatings and government authorities have also certified the reliability of our systems. For instance, our KVK coat has received qualification approval by the Institute for Structural Engineering in Berlin.

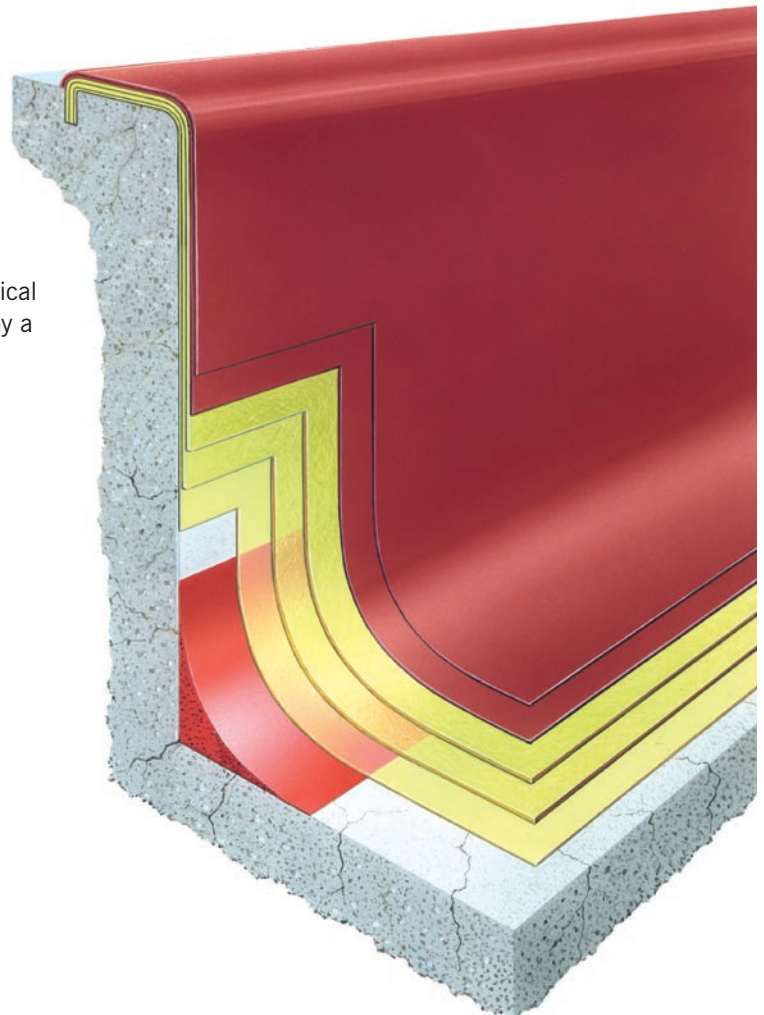
Our products meet the requirements of the German Water Resources Act for the coating of collecting sumps for dangerous liquids.



Coated pit for galvanizing plant

System Description

The coating system is based on unsaturated polyester resin/activator mixtures which are cured by means of peroxides. Glass mats are worked in for optimal mechanical properties. Chemical resistance is additionally ensured by a final protective layer in the form of a resin/filler coat. This top coat can also be non-slip or weather proof.



- 1 Concrete ground
- 2 Hollow rounded fillet
- 3 Primary coat
- 4 Double-ply laminate layer
- 5 Top sealing layer (two coats)

KOERNER 

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