



## // Examples for fields of application

Canals



Retention basins



Irrigation basins



**KÖSTER**

KÖSTER at your service – worldwide.



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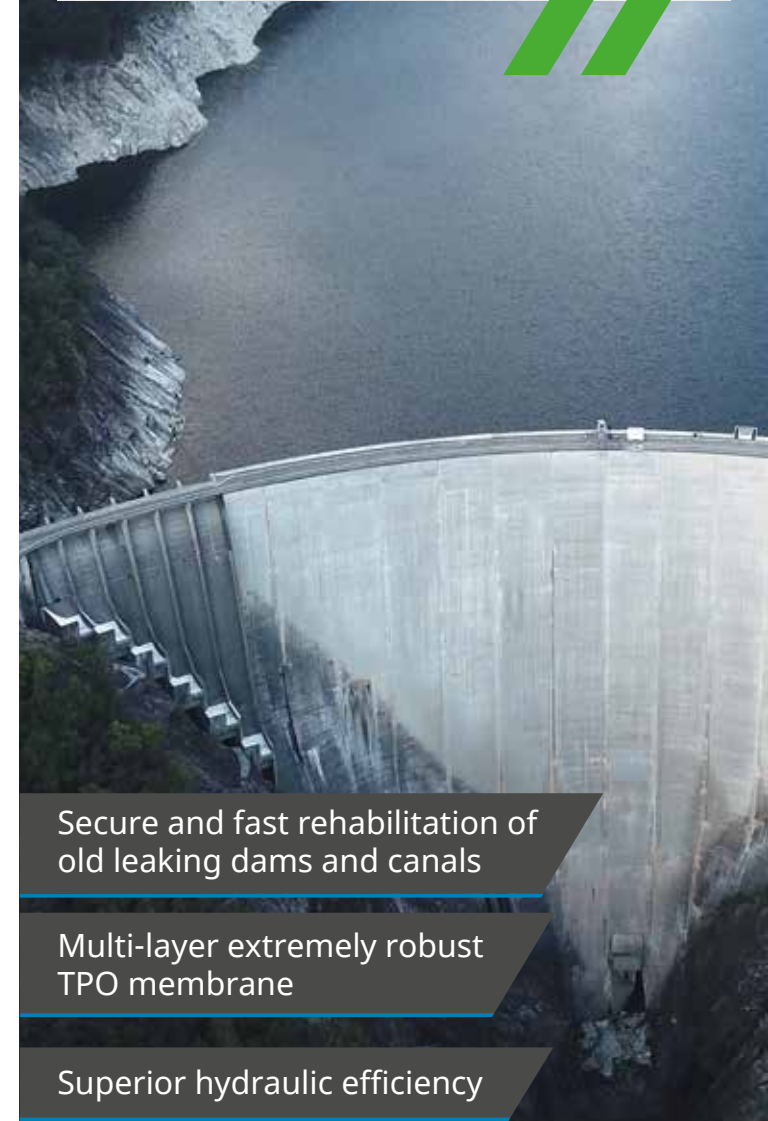
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**KÖSTER**

KÖSTER TPO Aqua 2.5 Geo  
for Dams and Canals



Secure and fast rehabilitation of  
old leaking dams and canals

Multi-layer extremely robust  
TPO membrane

Superior hydraulic efficiency

MADE IN  
GERMANY

## // The system



### Key features at a glance

- Bridges joints and large cracks
- Low friction surface increases water flow
- Higher flow leads to higher hydraulic efficiency
- No cost in expensive joint systems
- Stops leakages – reduces water loss to surface evaporation
- High UV resistance ensures long-life with minimum maintenance
- Reduced algae growth on the surface of the membrane

## // The product



**KÖSTER TPO Aqua 2.5 Geo**  
Special homogeneous geomembrane for hydraulic works such as dams, canals, and artificial lakes. This 2.5 mm FPO/TPO-PE highly UV resistant membrane is strongly tear resistant and provides an exceptional flexibility. The back-side with the 500 g polyester ensures an outstanding dimension stability and impact resistance.

### KÖSTER TPO Aqua 2.5 Geo complies with:

DIN EN 13361: Geosynthetic barriers - Characteristics required for use in the construction of reservoirs and dams

DIN EN 13967: Flexible sheets for waterproofing - Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet

The KÖSTER TPO Aqua 2.5 Geo offers a 20 year product warranty.

Considering the premium quality Made in Germany polymers used in the manufacture of this unique membrane, together with decades of experience, a minimum of 40 years of lifespan can be expected for our membrane.

