



// Fields of Application

Tunnel systems



Precast concrete



Collection and storage tanks



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DEUTSCHE
BAUCHEMIE



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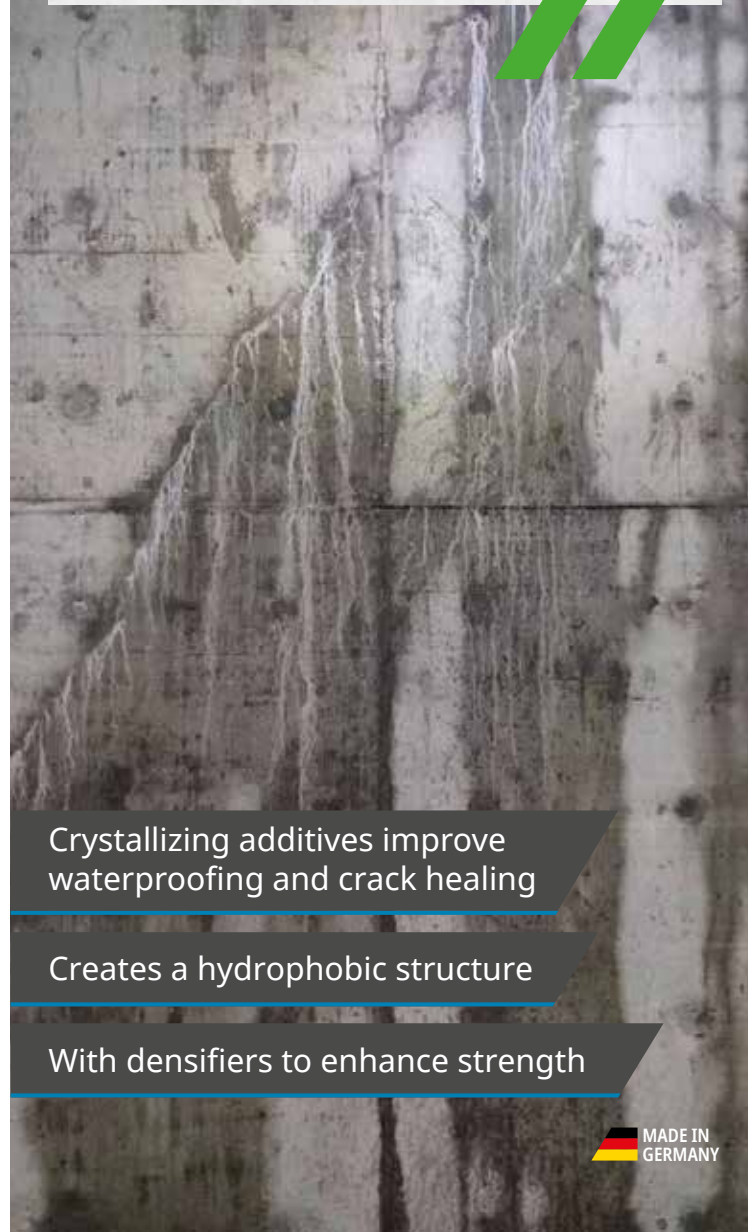


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KÖSTER BDM

Integral waterproofing System



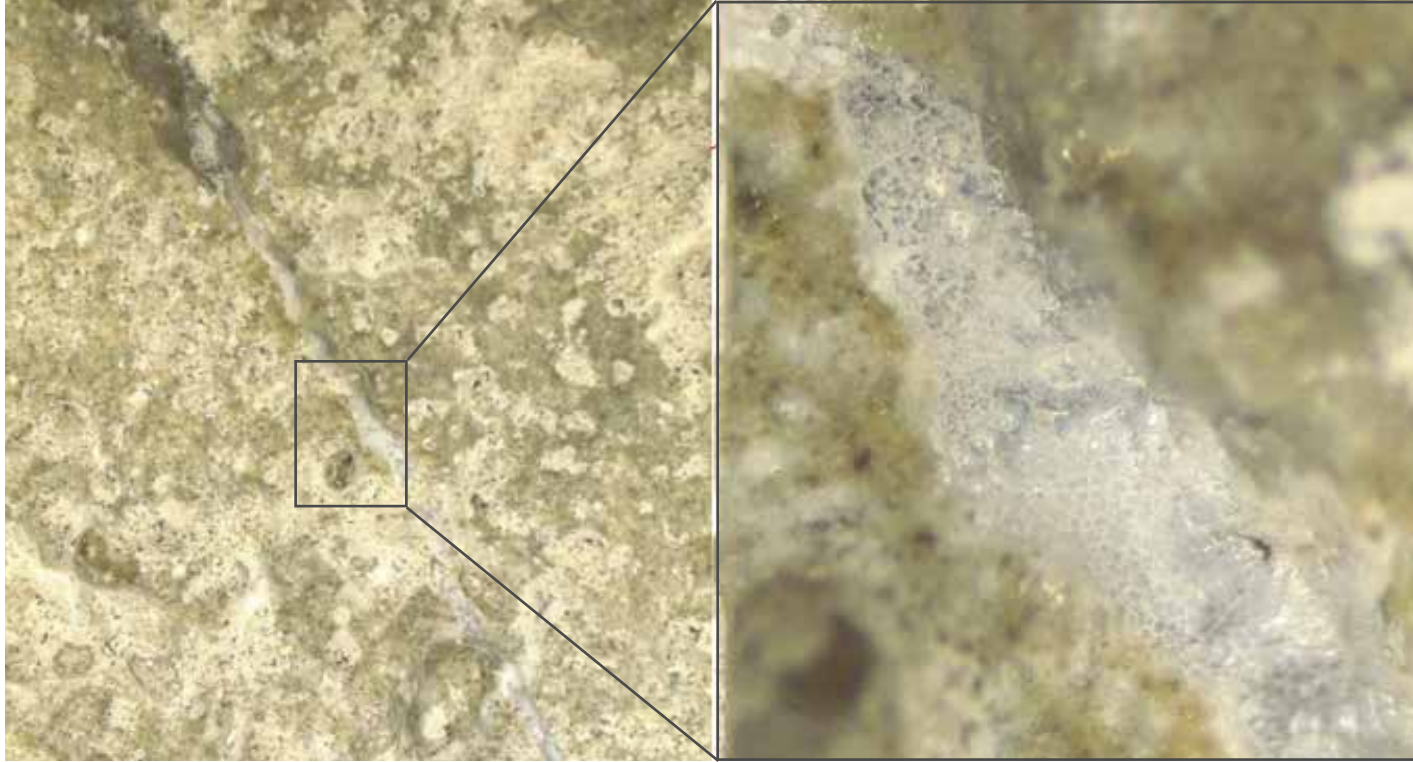
Crystallizing additives improve waterproofing and crack healing

Creates a hydrophobic structure

With densifiers to enhance strength

MADE IN GERMANY

// Mode of action



A concrete integrally waterproofed with KÖSTER BDM ensures:

- A reduced water demand when mixing
- A reduced capillary water absorption
- A crystallization and hydrophobicization of the capillary network
- A higher freeze-thaw resistance
- An increased chemical resistance, thanks to reduced chloride ion uptake
- Longevity and durability of the concrete with increased functionality

Which product to choose?

With BDM Liquid and KÖSTER BDM Powder, two alternatives of concrete admixtures are available to provide the desired enhanced properties. The option lies in the preference to use a powdered material or a liquid product.

With the KÖSTER BDM concrete admixture, the cross-linking within the concrete is accelerated. The crystals close the pores and make them "waterproof". Microcracks, which can always occur in concrete, are closed in this way, increasing the durability of the concrete and reducing the water absorption capacity.

// The products



KÖSTER BDM Liquid

KÖSTER BDM Liquid combines all three important characteristics for integral waterproofing. It crystallizes, blocks capillaries and makes the concrete water repellent. This reduces the water absorbency of the concrete, increases its compressive strength and resistance against chemical attack.



KÖSTER BDM Powder

KÖSTER BDM Powder is a crystallizing concrete integral waterproofing for the production of concrete with reduced water absorption. A new type of KÖSTER technology with a triple effect:

- Enhances physical compaction
- Enhances crystallization processes
- Makes the inner capillary pore system hydrophobic

