



// Overview

KÖSTER Geofoam is a two-component polyurethane foam with low viscosity, exceptionally high mechanical stability, and hydrophobic properties. It is developed for soil stabilization in mining and tunnel construction, filling cavity structures, and stopping water ingress. No water is required to react to the mixed components.



// Areas of application

- **Mining and tunnel construction:** stabilize rock and soil layers
- **Waterproofing:** effective for stopping acute water ingress
- **Void and cavity filling:** backfilling without or with counter pressure
- **Soil consolidation:** inject into substrates to stabilize foundations or slopes



KÖSTER at your service – worldwide.



// Contact us

KÖSTER BAUCHEMIE AG
 Dieselstraße 1–10 · 26607 Aurich
 Tel.: +49 4941 9709 0
 E-Mail: info@koster.eu
www.koster.eu

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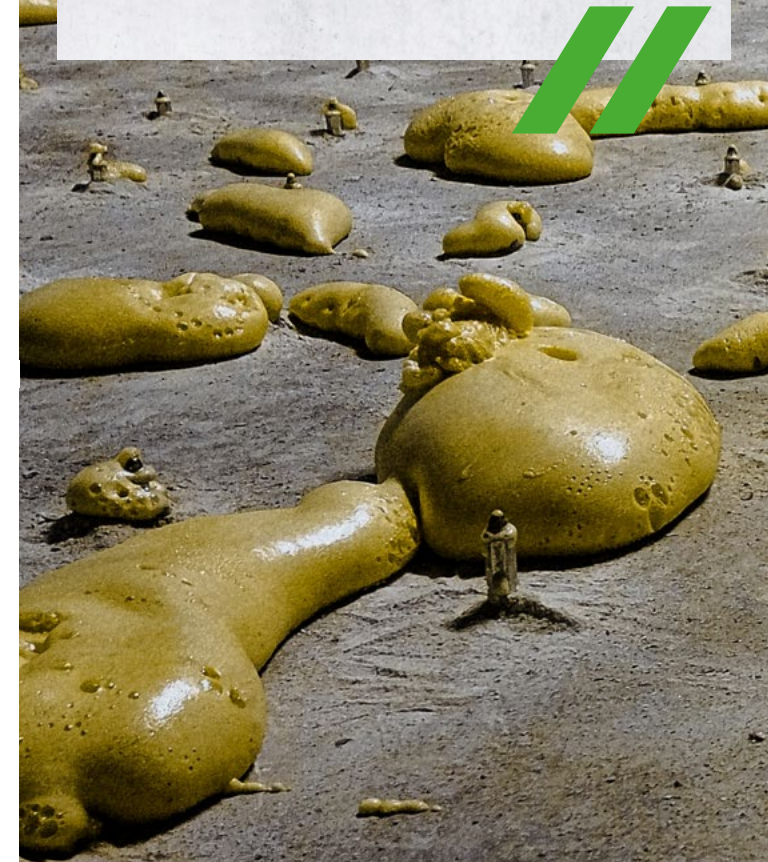


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KÖSTER Geofoam

High-performance injection foam



Stops water ingress

Soil consolidation

Fills voids and cavities



// Key Features at a glance

- 2-component polyurethane foam for waterproofing, soil stabilization, and void filling
- Hydrophobic – effective against water ingress
- Low viscosity – excellent substrate penetration
- High mechanical stability – long-lasting, rigid foam structure
- Closed-cell, non-porous foam – expands uniformly and hardens quickly
- Fast reaction time – can be accelerated with KÖSTER Geofoam Accelerator
- No water needed for reaction – ideal for dry or wet environments
- Expansion ratio up to 1:25 with accelerator

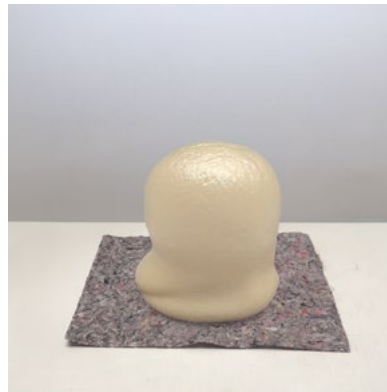
// Reaction



Start of reaction approx. 30 sec



Full reaction time approx. 150 sec



Tack-free approx. 200 sec



High mechanical stability

// Related products

KÖSTER Geofoam

KÖSTER Geofoam is a two-component polyurethane foam with low viscosity, exceptionally high mechanical stability and hydrophobic properties.



KÖSTER Geofoam Accelerator

KÖSTER Geofoam Accelerator is formulated to speed up the reaction time of KÖSTER Geofoam. It accelerates the reaction time and enhances the expansion.



KÖSTER Superpacker 13 mm x 130 mm CH

The KÖSTER Superpacker provides a very high contact pressure to the borehole due to the fins and ridges on the rubber gasket preventing rotation during tightening and facilitating the optimal fixation of the packer in the borehole.

