

BLITZDÄMMER®

Fills, protects and stabilises

HEIDELBERGCEMENT



Blitzdämmer can be used extremely flexible and economically for a wide range of applications in civil engineering.



QUALITY.

SERVICE.

Effective and reliable

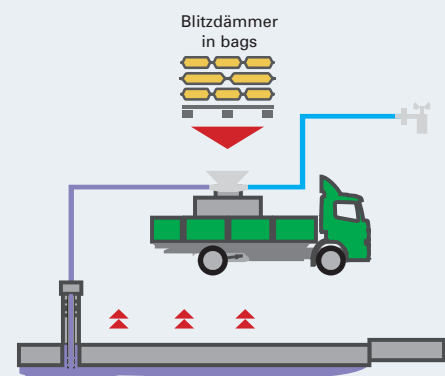
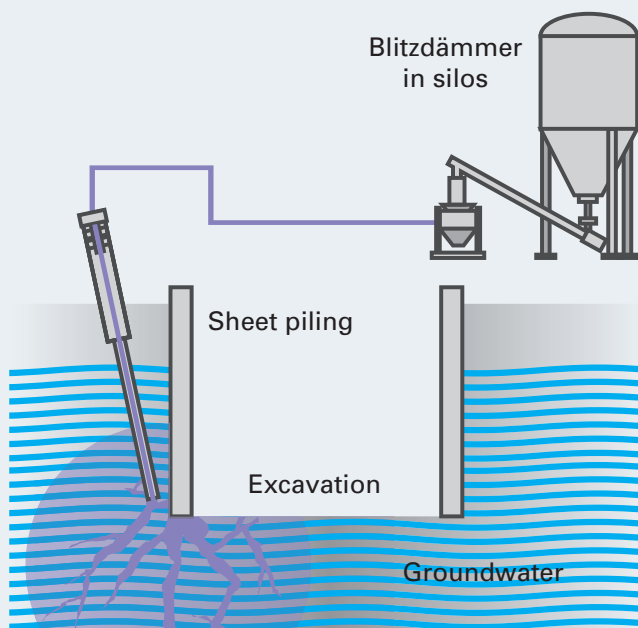
As a brand product, Blitzdämmer is produced to a consistently high quality from special cements and natural limestone. The cements chosen are tailored to the clay part present in the inert rock flour. This and the high fineness of the material produce excellent water retaining capacity and fluidity. The addition of additives gives the product special properties.



Unparalleled service

Blitzdämmer can be mixed with various ratios of water to create a suspension depending on the application. Depending on the water/binder ratio, consistencies can be varied on the building site from extremely free-flowing to pasty. There is no separation, even under high pump pressures.

The cavity-free backfilling with volume stability ensures long-term resistance and reliability. The final compression strengths between 15-30 MPa after 28 days can be set by adjusting the water/binder ratio.



DELIVERY FORM

- bulk
- bags, 25 kg
- big bags



ADVICE.

Fills, protects and stabilises

Every new building project entails particular technical requirements for the engineers in charge of design and completion. Our Blitzdämmer® is a guarantee for first-class results.



Backfilling of annular spaces



Cavity backfilling

RELIABLE BACKFILLING OF ANNULAR SPACES

Incorporating inliners into existing pipe systems, referred to as relining, Blitzdämmer ensures reliable and long-lasting embedding.

- Prevention of deformations
- Securing of jacket pipes for gas, crude oil, service water and sewage
- Cathodic protection between the jacket and product pipe
- Foaming is possible in specific processes (e.g. density $\leq 1,0 \text{ kg/dm}^3$)

COMPACTION GROUTING

Due to its development of early strength, Blitzdämmer is ideal for the specific lifting of constructions

- Secure lifting and bolstering of constructions
- High early bearing properties
- Final strength is variable
- Variable processing time

STABILISATION GROUTING

Blitzdämmer securely stabilises pebbly and fissured soils and seals caverns and construction backfills.

- Grouting for securing purposes in pipe driving
- No sedimentation, low loss of filtration
- High grinding fineness
- Effective powerful curing with volume stability

CAVITY BACKFILLING WITH VOLUME STABILITY

Blitzdämmer is particularly suited for the backfilling of cavities where higher strength is required. This includes disused pipeline systems such as gas, service water and sewage pipes.

- Curing with volume stability
- Effective powerful join with the surrounding
- Multiple-stage backfilling with faster progress of building work

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THE ADVANTAGES AT A GLANCE

- Simple and reliable backfilling of all kinds of underground cavities
- Field-tested with a track record spanning several decades
- Dedicated production sites (grinder and mixer)
- High-grade materials from natural raw materials (mined from own quarry)
- We develop our own products and implement an ongoing quality assurance system

Individual modifications to the Blitzdämmer founded on many years of experience are possible.

WE HAVE BEEN GUARANTEEING QUICK SETTING AND HIGH STRENGTH

Dämmer – The Original and Blitzdämmer are the number 1 in civil engineering for reliable filling, compaction and grouting. Processors and users set store by the well established quality and the natural raw materials. They particularly value the high fluidity and fast strength development of the Blitzdämmer. The continuous further development of the Blitzdämmer has resulted in modifications to the product for possible new applications.



We would like to stress that achieving the mentioned properties require a suitable production and processing of the building material as well as a proper, state-of-the art preparation on the construction site.

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