

Expertise in nature and engineering

We set standards in production and processing – careful mining and environmentally friendly manufacturing processes are a matter of course for us. Our products are developed specifically to customer requirements and are the first choice when it comes to environmentally friendly use in special civil engineering and geotechnics. And on top of that, our experts are on hand to give you professional support and advice in the search for the right solutions for you.

Hier Text eingeben

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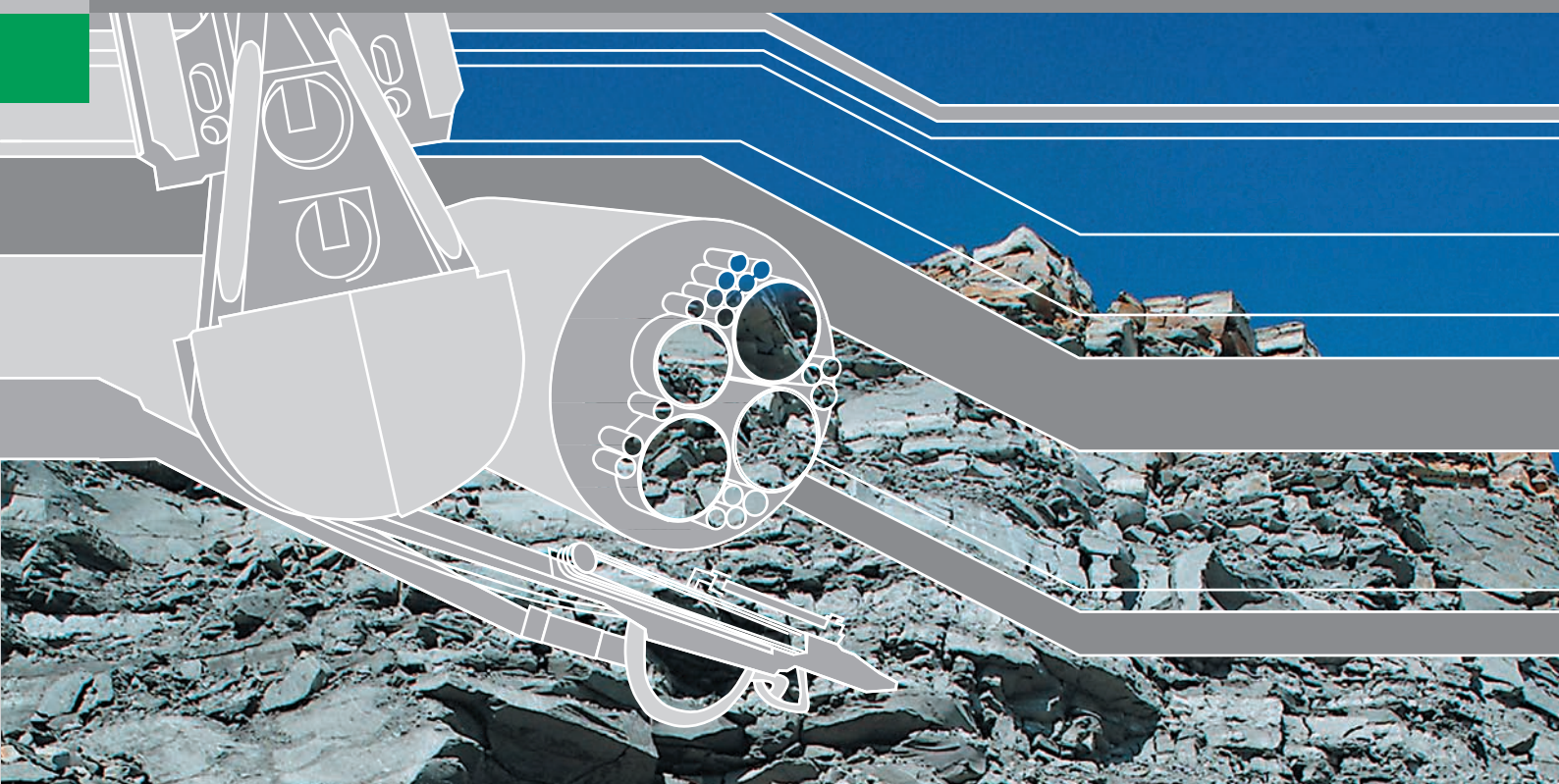
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HEIDELBERGCEMENT

Product overview

Many different products, many possibilities



HeidelbergCement
Baustoffe für Geotechnik

HEIDELBERGCEMENT



Building material

Applications

Properties

Backfilling and grouting materials

Dämmer® – The Original

- | | |
|----------------------|----------------------------|
| ■ Cavity backfilling | ▶ Environmentally friendly |
| ■ Injection | ▶ Natural raw material |
| ■ Grouting | ▶ Volume-stable |

MIXXAN®

- | | |
|----------------------------------|-------------------|
| ■ Rectification of mining damage | ▶ Easy to process |
| ■ Drift backfilling | ▶ Free-flowing |
| ■ Steel mill backfilling | |

Blitzdämmer®

- | | |
|-------------------------|----------------------------|
| ■ Cavity backfilling | ▶ Environmentally friendly |
| ■ Compensation grouting | ▶ Increased strength |
| ■ Grouting | ▶ Free-flowing |

Brunnen-Dämmer®

- | | |
|---|----------------------------|
| ■ Annular space sealing in well sinking | ▶ Environmentally friendly |
| | ▶ Low permeability |
| | ▶ No shrinkage |

Diaphragm wall materials

DiWa-mix®

- | | |
|---------------------------------|-------------------------|
| ■ Sealing of contaminated sites | ▶ Long-lasting |
| ■ Diaphragm walls | ▶ Very low permeability |
| ■ Funnel & gate systems | ▶ High adsorption |

Seku-mix®

- | | |
|----------------------|---------------------|
| ■ Excavation sealing | ▶ Low permeability |
| ■ Dyke building | ▶ Low cost |
| ■ Diaphragm walls | ▶ Stable suspension |

Thin diaphragm wall materials

SWM/SWM-C

- | | |
|---------------------------------|---------------------|
| ■ Dyke building | ▶ Low permeability |
| ■ Excavation sealing | ▶ Erosion-resistant |
| ■ Sealing of contaminated sites | ▶ Stable suspension |

Grouting

Jet-Mix®

- | | |
|-----------------------------|------------------------|
| ■ Soil reinforcement | ▶ Stable suspension |
| ■ Jet grouting | ▶ Adjustable strengths |
| ■ Underpinning construction | ▶ Very free-flowing |

Ultrafin®

- | | |
|--------------------------|----------------------------|
| ■ Reinforcement grouting | ▶ $d_{95} < 12\mu\text{m}$ |
| ■ Sealing grouting | ▶ Volume-stable |
| ■ Stabilising grouting | ▶ Very good penetration |



Building material

Applications

Properties

Anchorage and tunnel construction

Dry shotcrete

- Slope stabilisation
- Tunnel construction
- Repairs

- ▶ Fast-setting
- ▶ Environmentally friendly
- ▶ Supplied mix conforming to DIN 18551

Anchoring mortars

- Nailing
- Roof bolting
- Filling joints

- ▶ Shrinkage-free
- ▶ Fast solidification
- ▶ Very good pumpability

Grouting mortars

- Reinforcement
- Contact grouting
- Sealing grouting

- ▶ Shrinkage-free
- ▶ Joint penetration capacity
- ▶ Very good pumpability

Geothermics

ThermoCem®

- Geothermal probes
- Embedding of heavy power cables

- ▶ Therm. conduct. $\lambda \approx 2,0 \text{ W/mK}$
- ▶ Frost-resistant
- ▶ Low permeability

Horizontal drilling

Drill-mix®

- Drilling slurry for horizontal drilling

- ▶ Self-hardening
- ▶ Volume-stable
- ▶ Erosion-stable

Infrastructure construction

Recyclingbinder®

- Recycling of road rubble
- Production of hydraulically set sub-bases

- ▶ Immobilising
- ▶ Long-lasting processability
- ▶ Very good afterhardening

Soil reinforcement

Multicrete®

- Reinforcement of soils and mineral mixes
- Sludge conditioning

- ▶ High water absorption
- ▶ Adjustable properties
- ▶ Low dosage

Pollutant immobilisation

Depocrete®

- Immobilisation of contaminated soils

- ▶ Reduces environmental availability of pollutants in soil, building rubble and dust