

Backfill Solutions for Underground Construction

Enhancing the safety, efficiency, and sustainability of Australia's mine backfill operations

Our extensive range of solutions is designed to meet the diverse range of paste fill requirements across ANZ, helping mines operate more safely, efficiently, and sustainably while reducing costs. Backed by our local and global R&D laboratories, we develop bespoke solutions that minimise cement and water usage, lowering embodied CO₂ without compromising performance.

Our Product Portfolio:

- Rheology Modifiers
- Viscosity Modifiers
- Hydration Control
- Water Reducers & Super Plasticizers
- Durability Enhancers



Scan the QR Code

For more information about our advanced solutions for the mining industry



100+ Years of Industry Leading Innovation & Expertise

With a legacy dating back to 1909, Master Builders Solutions® brings unparalleled expertise to ANZ's hard rock, coal, and open pit mining industries. Our Underground Construction Team goes beyond supplying specialty products by providing end-to-end technical development and project-specific support. Through our global network of researchers and chemists, we continue to pioneer innovations that enhance the safety, durability, and efficiency of mining and underground operations.

Injection Systems

Specialised grouting and resin solutions that enhance the stability and integrity of rock and soil structures in mining operations. Designed for easy application and durable performance, our solutions ensure long-lasting safety and efficient ground improvement.



Anchoring Solutions

Designed for the installation of cable and rock bolts in underground mines, our pioneering solutions enhance installation speeds and performance, while also improving worker safety and strata control measures.



Shotcrete Admixtures

Innovative shotcrete solutions that enhance strength, durability, and workability in mining operations. Our water-reducing admixtures optimise water usage and improve flow, creating a stronger, more resilient shotcrete mix.



Backfill Technologies

Our proven backfill solutions enhance stability, optimise rheology, and reduce binder requirements while increasing solid content. Designed to support voids and excavations, they improve structural integrity, safety, and sustainability while ensuring cost-effective and efficient application.

