



EUCO **Products for the** **Mining Industry**





EUCO Mine Backfill Solutions

The Euclid Chemical Company has been manufacturing admixtures since 1910. The Underground Division of The Euclid Chemical Company offers a full line of admixtures to improve backfill properties.

The use of admixtures in backfill mixes can often offer significant improvements in mine backfill properties, in the areas of set control, flow and strength improvements.



Admixtures for Mine Backfill

The new EUCO-FILL line of admixtures are formulated to offer the maximum improvements to backfill mixes. Available admixtures include accelerators for all types of fills, set stabilizers for rock and paste fills, water reducers and superplasticizers to enhance flow properties and provide superior compressive strengths. The EUCO-Fill line of products also includes anti-washout admixtures and foaming agents.



The Euclid Chemical Company has the expertise to provide assistance in selecting products for use in specific backfill applications.

Grouts

The Euclid Chemical Company manufactures a variety of packaged cementitious grouts, as well as an epoxy injection resin, for use in mining and tunneling applications.



Shotcrete Solutions



The EUCOSHOT line of products includes packaged shotcrete mixes and admixtures for use in both wet and dry shotcrete applications.

Set Control – Wet shotcrete admixtures includes set control products for both stabilizing a mix to ensure that it remains workable until it is applied, and accelerators to assist build thicknesses and to enhance early and ultimate compressive strengths.

Flow Enhancement – Euclid Chemical offers several flow enhancing admixtures – a basic superplasticizer, high temperature superplasticizer and water reducers for unique applications.



A line of EUCOSHOT bagged products is available for various applications and specifications. Beginning with a microsilica modified shotcrete mix, certain applications can have the mix modified to include either microfibers (EUCOSHOT F), latex (EUCOSHOT SUPREME) or EUCOSHOT B that contains only the cementing agents and powdered superplasticizer for use with on-site aggregates. EUCO DENSI-SHOT is a unique, special-use shotcrete mix offering 2-hour compressive strengths of 3,500 psi (23.4 MPa) and ultimate compressive strengths of over 14,000 psi (98 MPa).



TUF-STRAND SF synthetic structural fibers are a patented, coarse monofilament, self-fibrilating polypropylene/polyethylene blend, successfully used to replace welded wire mesh and steel fibers in a wide variety of applications.





Specialty Products

Concrete is no match for underground equipment, unless it incorporates one of Euclid Chemical's floor hardening products. These products offer the benefits of decreasing the permeability of oils, offering surface hardness of up to eight times that of normal concrete and for underground use, many of these products are light reflective.



Euclid Chemical also offers an environmentally friendly dust suppressant for use in surface and underground mining applications.

Products for ground support such as EUCO-ROCK GEOFLEX membrane, cement cartridges and rockbolts are available for individual applications.



EUCO Support Team

The sales, technical and management staff of The Euclid Chemical Company are committed to ensuring the performance of our products and the satisfaction of our customers. Euclid is ISO certified to help ensure the consistent quality of our products.

Through a wide network of expertise, on-staff and from outside sources, The Euclid Chemical Company is prepared to work with mining companies to bring them the products required to improve efficiency and reduce costs.

For complete information on EUCO Underground products, contact the Euclid Chemical Company, Underground Division.



The Euclid Chemical Company

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The Euclid Chemical Company, Underground Division, is a worldwide supplier of quality products for the mining and tunneling industries. Marketed under the EUCO name, we offer a full line of products, based on the latest technologies.



An **RPM** Company

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