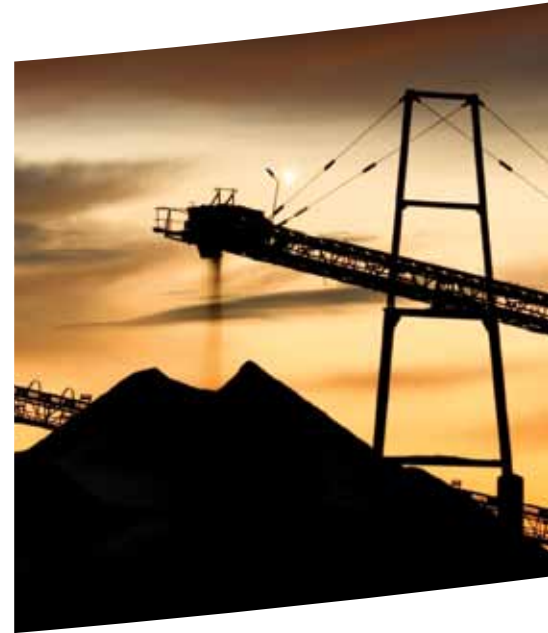




# MINING SOLUTIONS



SHOTCRETE MATERIALS  
CONCRETE ADMIXTURES  
ULTRA/MICRO FINE CEMENTS  
WATERPROOFING SYSTEMS  
SYNTHETIC AND STEEL FIBERS  
CEMENTITIOUS AND CHEMICAL GROUTS



**EUCLID CHEMICAL**



# MINING

## COMPLETE SOLUTIONS



**EUCLID CHEMICAL** serves the mining industry throughout the Americas with exceptional concrete and shotcrete products as well as value-added services that are second to none.

Euclid Chemical maintains its position as the innovative leader in this market by combining its field expertise and experience with the technical know-how and testing required to develop quality concrete products to meet the challenges of the mining industry.

At Euclid Chemical we pride ourselves on our commitment to service. From concept and planning to testing and application, Euclid Chemical engineering experts and mining specialists provide the quality service expected by the mining industry that can only come with hands-on expertise. The Euclid Chemical mining specialists are highly experienced and trained to identify and handle any challenge, unique or typical, and provide real-world solutions that work.

### SHOTCRETE

Euclid Chemical is involved with all facets of shotcrete production. Our team develops products to meet the challenges of today's mining applications. Our products range from microsilica-modified shotcrete materials, set stabilized shotcrete mixes, liquid accelerators and dry shotcrete enhanced with fiber technology. These products are formulated specifically to help shotcrete producers and contractors obtain consistent and reliable performance. Euclid Chemical also offers shotcrete training and certification as another value-added service to our customers.

**Dry Shotcrete** – Euclid Chemical offers a range of utility and specialty packaged shotcrete mixes for dry-mix applications.

**Wet-Mix Shotcrete** – The Euclid Chemical Company carries a full line of admixtures for use in wet-mix shotcrete; these include silica fume, set stabilizers, superplasticizers, viscosity modifying agents, specialty admixtures and various types of shotcrete nozzle accelerators.

### GROUTING APPLICATIONS

Euclid Chemical supplies a variety of packaged cementitious and chemical grouts as well as grout fluidifiers and admixtures for use with site-mixed grouts that meet the demanding specifications of mining applications.

### BACKFILL MIXES

Euclid Chemical manufactures a full line of products specifically formulated to improve all facets of backfill mixes. These materials include accelerators for all types of fills, set-stabilizers for rock and paste fills, gelling enhancing admixtures for hydraulic and paste fill, and water reducers and super plasticizers to enhance flow and increase compressive strength. Euclid Chemical also offers anti-washout admixtures and flowable-fill agents.







## SHOTCRETE ADMIXTURES

### Dry Shotcrete

- EUCO DIAMOND SHOT** - High strength shotcrete mix
- EUCOSHOT SUPREME** - Latex modified shotcrete
- EUCOSHOT F** - Silica fume modified shotcrete
- EUCOSHOT B** - Shotcrete binder mix

### Shotcrete Admixtures

- EUCON WO** - Set stabilizing admixture
- PLASTOL** - High range water reducing admixtures

### Wet Shotcrete

- EUCON SURESHOT** - High performance shotcrete accelerator
- EUCON SURESHOT AF** - Alkali-free shotcrete accelerator
- EUCON SURESHOT AF2LV** - High performance alkali-free shotcrete accelerator

### Micro, Macro and Steel Fibers

- TUF-STRAND SF** - Synthetic macro fiber
- PSI FIBERSTRAND** - Synthetic micro-fiber
- PSI** - Crimped steel fiber

## GROUTING PRODUCTS

### Cementitious Grout Materials

- EUCON ABS** - Anti-bleed and segregation admixture
- EUCON WO** - Set stabilizing admixture
- EUCO CABLE GROUT PTX** - High tolerance cable grout
- EUCO TREMIE GROUT** - Non-shrink underwater grout
- PLASTOL** - High range water reducing admixtures

### Chemical Grout

- DURAL AQUA-DAM** - Hydrophobic polyurethane grout
- DURAL MUD LOCK** - Hydrophobic polyurethane soil stabilizer
- DURAL AQUA-FIL** - Hydrophilic polyurethane grouting

## BACKFILL ADMIXTURES

### Micro and Ultra Fine Cements

- SPINOR A12** - Ultra fine hydraulic cement
- SPINOR A20** - Micro fine cement

### Repair Products

- SPEEDCRETE REDLINE** - Fast setting repair mortar
- CONCRETE-TOP SUPREME** - One part modified deck repair

### Waterproofing

- EUCON VANDEX AM-10** - Integral crystalline waterproofing admixture
- VANDEX BB 75** - NSF approved waterproofing coating
- VANDEX SUPER** - NSF approved crystalline waterproofing
- VANDEX SUPER WHITE** - NSF approved crystalline waterproofing

**“GENIUS IS THE GOLD IN THE MINE; TALENT IS  
THE MINER WHO WORKS AND BRINGS IT OUT.”  
- MARGUERITE BLESSINGTON**

## CUSTOMER SOLUTIONS

**The Euclid Chemical Company is unique in our offering of superior products and unparalleled customer service and industry support.** The Euclid team delivers a range of value-added resources and in-depth mining industry experience to owners, specifiers and contractors. Comprised of highly trained mining specialists who are available in local offices across the Americas, our experts are active members on industry technical committees including American Concrete Institute (ACI), International Concrete Repair Institute (ICRI) and American Society for Testing and Materials (ASTM). Our experienced field team is available to support you and your projects using Euclid Chemical solutions and products manufactured under the stringent standards of our ISO 9001:2000 certified quality system. The Euclid Chemical Company works hand-in-hand with customers:

- ◆ supplying field evaluations, recommendations and application problem-solving on a project-by-project and technology basis;
- ◆ assisting in product selection, specification, installation and related technology;
- ◆ attending pre-design meetings, assisting in clarifying specifications and recommending product selection;
- ◆ supporting you by providing proper pre-installation instructions and methods for achieving quality results.

## LABORATORY SERVICES

Our world class Cement and Concrete Reference Laboratory (CCRL) inspected facilities are equipped with state-of-the-art technologies and staffed by an exceptional team of professional, ACI certified technicians. These outstanding resources provide The Euclid Chemical Company the capability to offer comprehensive analytic and petrographic evaluation and testing services via programs that conform to the standards prescribed by the American Society for Testing and Materials, the U.S. Army Corps of Engineers (USACE), the American Concrete Institute and the International Concrete Repair Institute.

## TRAINING

The Euclid Chemical Company generously shares product information and technical knowledge through training and seminars conducted for project owners, contractors, distributors and design professionals. Many programs are AIA/CEU registered, allowing eligible attendees to earn professional development hours. Euclid Chemical is proud to sponsor these opportunities for our associates and colleagues as part of our ongoing commitment to the concrete construction industry.

## INDUSTRY LEADERSHIP

**For over 100 years, The Euclid Chemical Company has served as a leading supplier to the concrete, masonry, mining and tunneling industry offering a full line of engineered concrete admixture and construction products.**

These products include concrete admixtures, block and masonry additives, fibers, curing and sealing compounds, epoxy adhesives, floor and wall coatings, structural grouts for columns, equipment and machinery, joint fillers and repair products. The Euclid Chemical Company strives to bring innovative technologies and products to the concrete market with industry leading customer service.

## BUILDING GREEN

At Euclid Chemical, we understand the critical impact that sustainable design and “green” building can have on our world. We also realize that to have a positive influence as a supplier to the construction industry, we must make it part of our company’s vision to provide sustainable product systems that achieve social and environmental objectives while providing economic balance. To that end, Euclid Chemical provides a full line of low-VOC sealers, coatings, and products based on renewable water-based technology, along with grouts and mortars that utilize recycled raw materials. When challenged by clean air regulations or striving to achieve LEED building certification, consider Euclid Chemical your one source for sustainable solutions.



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