CONCRETE ADMIXTURES
HIGH PERFORMANCE & SPECIALTY

WATER REDUCERS
RETARDERS
AIR ENTRAINERS
ACCELERATORS
SPECIALTY PRODUCTS
Today’s Concrete Practices require precise time management and predictable results to meet the challenging needs of the construction industry. It has become necessary for concrete producers to meet both economical and environmental constraints, while the requirements for concrete performance have increased. These factors demand a blend of both innovative products and technical expertise.

The Euclid Chemical Company has been providing concrete technology solutions for over a century and has become accustomed to adjusting to the demands of the concrete industry while offering excellent service, exceptional quality and value. We strive to work as a partner with all those involved in the concrete construction design, planning and production processes.

This, along with our desire to bring the latest concrete technologies to our customers, makes Euclid Chemical the perfect partner in concrete construction. We are experts in all concrete applications including the following:

- Self-Consolidating Concrete
- Highly Durable Concrete
- Low Shrinkage Concrete Floors
- Roller-Compacted Concrete
- Freeze-Resistant Concrete
- Fiber Reinforced Concrete
- Concrete Paving
- High-Early Strength Concrete
- Pervious Pavement

SERVICE BEYOND EXPECTATION

Backed by four decades of leading design expertise, our dispenser systems are known throughout the market for exceptional engineering and superior service.

The Euclid Chemical Company understands that accurate and reliable delivery is critical to our customers’ integrity and profitability, and we support our industry associates with the flexibility of custom-built systems designed to meet their changing needs.

Euclid’s expertise, quick service and field-proven performance provide customers the consistent accuracy and industry-leading dependability required in today’s demanding construction environment. At the batch plant or an on-site remote location, it is quality, experience and employee dedication that sets our dispenser technology apart and delivers service that goes beyond your expectations. For technical support, our research and testing facilities are available to assist our customers’ needs from concrete mixture design development to hardened properties testing.
HIGH PERFORMANCE & SPECIALTY ADMIXTURES

CHOOSING THE RIGHT CONCRETE ADMIXTURE

Euclid Chemical concrete admixtures are developed to meet the challenges of specific applications. Make an assessment of your individual application and select the ideal Euclid Chemical admixture or contact Euclid Chemical to ensure the right product is being selected.

HIGH PERFORMANCE CONCRETE ADMIXTURES

Euclid Chemical High-Performance Admixtures are recognized by the field-proven brands of ACCELGUARD, EUCON, and PLASTOL. They meet the required ASTM Standards and ensure highly durable and predictable concrete for concrete projects. These products provide the highest quality concrete from basic to the most challenging applications.

- Accelerators (ASTM C494 Type C & E)
- Air Entrainers (ASTM C260)
- Retarders (ASTM C494 Type B & D)
- Water Reducers (ASTM C494 Type A, D, & F)

SPECIALTY CONCRETE ADMIXTURES

Euclid Chemical Specialty Admixtures are products that have been developed to solve the most unique challenges in concrete construction, which address the demands of individual markets and new concrete technologies. These products help bring value, enhanced durability, and improved concrete performance for specific situations. Euclid Chemical is continually seeking solutions that bring the newest most innovative specialty admixtures to solve the most challenging applications and problems faced in the concrete industry.

- Alkali-Silica Reactivity
- Viscosity Modifiers
- Flowable Fill
- Corrosion Inhibitors
- Microsilica
- Anti-Washout
- Cement/Hydration Stabilizers
- Shrinkage-Reducing Admixtures
- Synthetic Micro and Macro Fibers
- Shrinkage-Compensating Admixtures
- Air Detrainers
- Integral Color
- Integral Waterproofing
- Workability Extending
- Efflorescence Control
ACCELERATORS (ASTM C494 Type C & E)
Euclid’s premier accelerators are engineered to decrease setting time and increase early strength gain, particularly in cold weather, to expedite the start of finishing operations and reduce finishing time. In addition, they increase the early-strength level to permit earlier form removal and decrease the overall construction time to maximize profitability.

Euclid accelerators can also be used to increase freeze resistance to provide concrete placement at temperatures down to 20 °F (-7 °C).

AIR ENTRAINERS (ASTM C260)
Designed to protect against freeze-thaw cycling, Euclid’s air entraining agents provide exceptional freeze-thaw resistance by developing a proper air-void system within concrete. Our advanced natural and synthetic air entrainers improve the workability and durability of exterior concrete projects and provide an effective, economical alternative to more expensive materials.

RETARDERS (ASTM C494 Type B & D)
The EUCON series of retarders relieve many of the difficulties involved in placing and finishing concrete in warmer temperatures. Specifically developed for hot weather concreting, our retarders delay the setting time and improve the hardened properties of concrete.

WATER REDUCERS (ASTM C494 Type A & D)
A wide variety of water reducers are available from Euclid Chemical that provide for the lower water content requirement and increased strength properties desired in today’s evolved concrete designs. Available in various chemistries, our reducers deliver a range of different setting, finishing and strength characteristics, ensuring you the right product and performance for all your concreting needs.

MID-RANGE REDUCERS
Outstanding strength gain and enhanced finishability are just a few characteristics that Euclid’s mid-range water reducers offer. Exceptionally versatile, Euclid’s mid-range water reducers provide a 5-15% water reduction without excessive set retardation for improved workability and superior, long-term performance.

HIGH-RANGE WATER REDUCERS (ASTM C494 Type F)
Euclid provides a wide variety of both naphthalene and the latest polycarboxylate based high-range water reducers to aid in lowering water/cement ratios and increasing slump to produce flowable and self-consolidating concrete.

Our high-range water reducers offer high early strengths and the enhanced workability and pumpability needed in today’s competitive concrete construction market. Contact Euclid Chemical to help you determine which product will best fit your applications needs.
The Euclid Chemical Company has developed a variety of specialty admixtures formulated to solve unique challenges in concrete construction, which address the demands of individual markets and new concrete technologies.

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<td>VISCOTROL EUCON ABS</td>
<td>• Control bleeding and segregation • Precast self-consolidating concrete • Ready mix</td>
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<td>EUCON EASY FILL</td>
<td>• Controlled low strength • Pipe bedding materials (CLSM) • Utility trenches</td>
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<td>EUCON CIA EUCON BCN</td>
<td>• Exterior steel reinforced concrete • Structural concrete • Parking decks • Ready mix • Precast</td>
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<td>EUCON AWA</td>
<td>• Underwater concreting • Ready mix • Cast in place</td>
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<td>EUCON STASIS EUCON DS EUCON WO</td>
<td>• Stabilizing wash water • Long hauls • Parking decks • Ready mix • Precast</td>
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<td>EUCON MSA</td>
<td>• High-strength concrete • Low permeability bridge decks • Parking decks • Concrete tanks • Cast stone</td>
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<tr>
<td>EUCON SRA FLOOR EUCON SRA-XT CONEX</td>
<td>• Big box retail • Factories • Warehouses • Dams • Concrete tanks • Skating rinks</td>
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<tr>
<td>PSI FIBERSTRAND FIBERS TUF-STRAND SF TUF-STRAND MAXTEN PSI STEEL FIBERS</td>
<td>• Big box retail • Factories • Warehouses • Dams • Concrete tanks • Skating rinks</td>
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<td>EUCON AIR DOWN EUCON AIR OUT</td>
<td>• Ready-mix concrete • Precast concrete • Concrete floors • Heavy-weight concrete</td>
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<td>PLASTOL AMP X3</td>
<td>• Ready-mix, mass concrete</td>
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<td>• Water treatment facilities • Vaults • Foundations &amp; basements</td>
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<td>EUCON HYDRAPEL Series EUCON PAVERTITE</td>
<td>• Concrete block • Hollow-core plank • Pavers • Patios • Pavers • Concrete tile • Cast stone</td>
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<tr>
<td>EUCON FOR-CAST (various)</td>
<td>• Cast stone</td>
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<tr>
<td>COLOR-CRETE - Powdered Colors - Liquid Colors - Granular Colors</td>
<td>• Wherever integral colorants or colorant admixtures are specified</td>
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INDUSTRY LEADERSHIP

For more than a century, The Euclid Chemical Company has served as a leading supplier to the concrete and masonry industry offering a full line of engineered concrete admixture and construction products marketed under the EUCO brand name. These products include concrete admixtures, block and masonry additives, 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.

CUSTOMER SOLUTIONS

The Euclid Chemical Company is unique in our offering of superior products, unparalleled customer service and industry support. The Euclid team delivers a range of value-added resources and in-depth industry experience to architects, designers, engineers, building contractors and owners. Comprised of highly trained professionals 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 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.

BUILDING GREEN

The Euclid Chemical Company offers an extensive line of green products that are specific to LEED guidelines. The LEED (Leadership in Energy & Environmental Design) Green Building Rating System provides a national standard for defining an environmentally friendly, sustainable “green” building. Points awarded to building projects based on water savings, energy efficiency, materials and indoor environmental quality.