



**EUCLID** CHEMICAL

# **PRECAST CONCRETE**

## ADMIXTURES & CONSTRUCTION PRODUCTS



ADMIXTURES

FIBER REINFORCEMENT

FORM RELEASE

CURING COMPOUNDS & SEALERS

PROTECTION AND REPAIR

DECORATIVE PRODUCTS



# PRECAST CONCRETE

## ADMIXTURES & CONSTRUCTION PRODUCTS

Euclid Chemical serves the precast concrete market by providing products to assist producers in the manufacture and repair of precast concrete products such as septic tanks, vaults, utility structures, pipe, walls and more.

### PRECAST CONCRETE ADMIXTURES

Euclid Chemical's admixtures are designed for the production of quality precast concrete for projects of all sizes and under the most demanding of conditions. Whatever the application calls for, Euclid Chemical's ability to pair technology, engineering and service gives you the precise formula you need to optimize your precast concrete's function and performance.

### HIGH-RANGE WATER REDUCERS

Euclid Chemical's family of high-range water reducing admixtures, including the new, highly refined Ultra line of precast specific products, utilizes state of the art technology to produce consistent and quality precast concrete products.

- PLASTOL 6200 EXT
- PLASTOL 5700
- PLASTOL ULTRA 209

### ACCELERATORS

Euclid Chemical offers a broad range of liquid accelerating admixtures for use when early strength gain is required or to reduce stripping time.

- ACCELGUARD 80
- ACCELGUARD 90
- ACCELGUARD NCA
- ACCELGUARD G3
- ACCELGUARD HE
- ACCELGUARD

### POWDERED ADMIXTURES

Euclid Chemical now supplies a full line of powdered admixture products when adjustments need to be made on-the-fly or where dispensing systems are not used.

- ACCELGUARD SET-SPEED - Powdered accelerating product
- EUCON V-MOD - Powdered viscosity modifying admixture
- EUCON DURA-PLUS - Powdered air entraining agent
- EUCON RE-DUCE - Powdered water reducing product
- EUCON FLOW-MAX - Powdered high-range water reducer

### ADDITIONAL ADMIXTURES

Euclid Chemical also offers other high quality specialty admixtures to assist in the manufacture of precast concrete products.

- Viscosity Modifiers
- Mineral Admixtures
- Air Entrainment
- Corrosion Inhibitors
- Shrinkage Control Additives
- ASR control
- Evaporation Retarders
- Waterproofing



## FIBER REINFORCEMENT

The Euclid Chemical Company provides micro and macro-synthetic fibers and steel fibers for precast concrete structures and applications under the PSI FIBERSTRAND, TUF-STRAND and PSI STEEL FIBER trade names. Design aids and engineering tools are available to assist precast producers to calculate the appropriate fiber quantities to protect concrete against shrinkage cracking and to even replace limited amounts of steel reinforcement.

### BENEFITS

- Save time and money in production while improving product quality
- Corrosion free alternate design using macro-synthetic fibers
- Engineered calculations and concrete mixture design assistance available

### APPLICATIONS

- Septic tanks and burial vaults
- Manhole riser sections and catch basins
- Wall units and tunnel segments
- Utility structures and architectural concrete

## DECORATIVE

Through the Increte brand, Euclid Chemical also offers a line of decorative concrete products designed specifically for precast concrete.

- Precast Formliners
- Color-Matic Coloring System
- Powdered Colors
- Decorative Precast Accessories
- Liquid Colors

## FORM RELEASE AGENTS

- FORMSHIELD WB - Economical, water-based release agent for metal, plastic and wood composition forms.
- FORMSHIELD PURE - VOC-compliant, oil based form release agent with exceptional performance and ease of use.

## CURING AND SEALING

Quality concrete requires adequate curing and sealing. Euclid Chemical has an entire line of VOC compliant curing agents and sealers that meet ASTM specifications.

- KUREZ DR VOX - Effectively cures new concrete and breaks down when exposed to UV light.
- EVERCLEAR VOX - Water-based acrylic sealer for concrete with excellent blush resistance and total resistance to yellowing from UV exposure.
- CHEMSTOP WB REGULAR - Water-based silane/siloxane penetrating sealer that provides water and salt repellency without changing the appearance of the concrete.

# PRECAST CONCRETE

## ADMIXTURES & CONSTRUCTION PRODUCTS

The Euclid Chemical Company provides fast setting, multi-purpose, innovative and time-saving repair materials that have been developed to address the needs of the precast concrete producer.

### PROTECTION & REPAIR

**SPEED CRETE RED LINE** fast setting repair mortar that can be shaved to match the contour of surrounding concrete

**DURAL FAST SET LV and GEL** epoxy adhesives that cure quickly for fast bonding or repair of damaged or cracked concrete

**EUCOREPAIR V-100** very low shrinkage vertical and overhead repair mortar, polymer modified and fiber reinforced for exceptional bond and durability

**TAMMSCRETE** skimcoat material for filling bugholes and honeycombs, produces a smooth, uniform finish

**TAMOSEAL** breathable cementitious waterproofing coating, available in colors to provide both protection and a decorative appearance

**VANDEX SUPER** NSF/ANSI 61 compliant crystalline waterproofing coating that can be applied to "green" concrete surfaces with minimal surface preparation



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