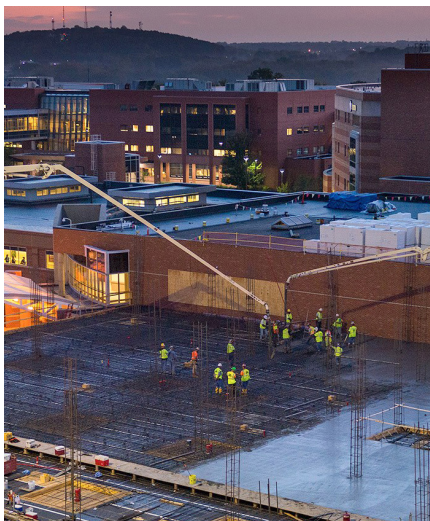




EUCLID CHEMICAL

PROJECT PROFILE

AKRON CITY HOSPITAL



PROJECT DATA

Location – Akron, OH

Application – Six Story Medical Facility

Architect/Engineer – Hasenstab Architects and
Perspectus Architects

Contractor – Donley's Inc & Shook Construction

Concrete Producer – Mack Ready Mix

Total Area – 330,000 ft²

PRODUCTS FEATURED

Air Mix 200

Air Entraining Admixture

Eucon WR-91

Water Reducing, Set Retarding Admixture

Eucon 1037

High Range Water Reducing Admixture

Plastol 6420

Mid-Range/High-Range Water Reducing Admixture

Accelguard NCA

Non-Chloride Accelerating Water Reducer

Eucon Easy Fill

Flowable Fill Admixture

Eucon Retarder 75

Set Retarding and Water Reducing Admixture

TUF-STRAND SF

Macro-Synthetic Fiber

EUCON VANDEX AM-10

Integral Crystalline Waterproofing Admixture

Eucocrete

High-Performance Concrete with Corrosion Inhibitor

Eucon MSA

Powdered, Densified Microsilica Admixture

PROJECT SUMMARY

The new Akron City Hospital's \$350 million facility plan includes the construction of the Summa Tower, a new six-story, 331,000 ft² west bed tower. The new tower will serve as the hospital's new main entrance and will house two 36-bed medical/surgical units with all private rooms, eight new operating rooms, 65 same-day surgery rooms and a women's health center that includes a 36-bed post-partum unit.

The Summa Tower Project broke ground in March of 2017 and is scheduled to be completed in the spring of 2019. After completion, Mack Ready Mix will have provided over 20,000 cubic yards of concrete and used several different mix designs to achieve various design specifications.

SCOPE OF PROJECT

- Various high performance mixes of 8,000 & 10,000 psi. Both air-entrained and non-air entrained
- SCC concrete with excellent consolidation
- Lightweight concrete mixes
- Waterproofed concrete for basement levels
- LSM mixes for utility trenches and excavations
- Auger cast piles