

WATER AND WASTEWATER TREATMENT FACILITIES



SPANCRETE
MANUFACTURERS ASSOCIATION

A BETTER WAY TO BUILD

SPANCRETE® HOLLOWCORE — THE BUILDING MATERIAL OF CHOICE

Spancrete hollowcore has been used in water and wastewater treatment facilities since 1958. Spancrete producers have provided Spancrete hollowcore plank, wall panels, double-tees and total precast systems for thousands of water and wastewater treatment facilities in the United States and throughout the world. Owners, architects, engineers and contractors have selected Spancrete products as their material of choice for many reasons.



ADVANTAGES OF SPANCRETE HOLLOWCORE

- Competitive costs
- Design flexibility
- Durability (chlorination issues, corrosion resistant, etc.)
- Future expansion (LEED advantages)
- Flexibility in designed finishes
- High load carrying capacities
- High security
- Low maintenance
- Rapid year-round construction
- Recycled raw materials (LEED advantages)
- Less site restrictions
- Speed/flexibility of construction schedule
- Structural capability of long clear spans
- Superior fire ratings
- Thermal/Energy efficiency (LEED advantages)



WALL PANELS

Spancrete hollowcore wall panels can be insulated to meet stringent requirements for heating and cooling, and high fire ratings are obtainable. Precast surfaces inside and out are extremely durable, resisting corrosion, chemicals and impacts common in treatment facilities.

- Can be insulated
- Available in multiple colors, finishes and textures
- Provides extreme durability
- Chemical resistance
- High fire ratings



SPANCRETE FLOORS

Spancrete® hollowcore plank and double-tees easily meet all the requirements for treatment facilities including:

- Supports heavy loading
- Long spans provide flexibility in locating equipment
- Corrosion resistance
- Durability
- High fire ratings



PRECAST COLUMNS AND BEAMS

Advantages with precast beams and columns:

- Long spans between columns
- No fireproof coatings required
- Corrosion resistance



THE SPANCRETE DIFFERENCE

Contact your local Spancrete producer for assistance in the early planning stages to help with layout and details, budgets, schedules, samples and mock-ups. Spancrete staff engineers and drafting technicians utilize state-of-the-art computer aided drafting and precast design software. Products are designed to meet all applicable code and specification requirements.

During the production phase, precast concrete products are manufactured year-round in quality-controlled plants with experienced personnel. All Spancrete Association producers have dedicated quality control personnel and a commitment to quality control assurance standards.

On the construction site, qualified, experienced crews erect precast concrete year round in all types of weather.

