

THE MINUTE

BECAUSE IT ONLY TAKES A MINUTE TO LEARN SOMETHING NEW

WHY CAN PRECAST CONCRETE'S SPEED OF CONSTRUCTION BE SO FAST?

Precast concrete structures provide exceptionally fast speed of construction compared with conventional on-site cast-in-place concrete, masonry, wood or steel construction. While the jobsite is being excavated and foundations cast, precast shop drawings are prepared and approved, and precast production can commence manufactured off-site at a PCI-Certified plant in a scheduled erection sequence. Once the foundations are ready, precast products can be delivered just-in-time and installed at an average rate of 20 to 30 pieces or more per day for each crew and crane on the jobsite.

WHAT CONTRIBUTES TO THE SPEED?

- Single-source responsibility from your local precast concrete producer
- Offsite prefabrication reduces onsite labor and lowers jobsite safety risks
- Just-in-time product delivery saves time and reduces jobsite staging areas
- Less jobsite congestion
- Collaborative design assistance from your precast producer vs. traditional project delivery methods
- Reduced detailing and other trades on the jobsite
- Negligible waste on the jobsite
- Minimal site disturbance results in fewer project delays
- Product installation is performed by experienced PCI-Certified Erectors
- Project schedules can be easily accelerated into a fast-track time frame
- Permitting process can be simplified by reduced review and approval time of construction documents
- Your precast producer will optimize wall panel layouts and piece sizes, thereby reducing production, transportation, and installation schedules
- Your precast producer can provide entire exterior enclosures including glazing, sealants, insulation, electrical outlets, and smooth interior panel finishes ready for painting
- Integration of pre-glazing window openings boosts project efficiency and time savings
- Your precast producer will recommend the use of repetitive standard product shapes and sizes whenever possible to minimize production and installation schedules
- Year-round construction of PCI-Certified plant-produced precast products that can be delivered and erected in almost any weather conditions



When compared with conventional on-site construction, precast concrete structures, prefabricated off-site, delivered just-in-time and installed by PCI-Certified Erectors are the fastest speed of construction delivery method available today. The unbeatable speed with which precast concrete can be designed, manufactured, delivered, and erected provides significant time savings that can be critical to any project's successful on-time completion.