What Is High Performance Precast Concrete?

Precast concrete is a high performance material that integrates easily with other systems and inherently provides the versatility, efficiency and resiliency needed to meet the multi-hazard requirements and long-term demands of high performance structures, including energy conservation, fire resistance, security, durability and sustainability.

Additional Resources PCI offers:

- Ascent Magazine
- Aspire Magazine
- PCI Journal
- PCI Webinars
- PCI eLearning
- PCI Design Awards Program
- PCI Architectural Precast Concrete Manual
- PCI Designers Notebook
- PCI Color & Texture Manual
- PCI Design Handbook
- PCI Hollowcore Design Manual

For more information visit our website at pcims.org

John E. Dobbs, PE, SE, Executive Director | Phone: (303) 562-8685 | Email: jdobbs@pcims.org
Why Precast Concrete?

Precast and prestressed concrete can be designed and manufactured for any application, ranging in size from short span bridges to some of the largest structures in the world. We manufacture superior concrete products—maximizing the versatility, efficiency and resiliency of your building or transportation project:

- Producer member precast products are quality controlled through the entire manufacturing process at PCI-Certified plants.
- PCI Quality Assurance Program includes tolerances for product dimensions, tensioning procedures, material properties and other critical details.
- Economies of scale can be achieved through repetition while the inherent plasticity of concrete allows for unique shapes.
- High-strength, high-performance concrete resists weather extremes, fire, corrosion and vandalism.
- An infinite variety of sands, cements, aggregates and pigments combine to achieve endless colors, textures and finishes with no painting required.
- Our products are built off-site, allowing for “just-in-time” delivery. This means shorter site construction durations, less public inconvenience and greater safety.