

# CONSTRUCTABILITY OF PRECAST CONCRETE PART II



Corey S Zussman, AIA, NCARB,  
ALA, RBEC, RRC, REWC,  
RWC, RRO, CDT, CQM, CxA+BE, BECxP, CABS,  
LEED® AP BD+C  
Level II Thermographer



## **Constructability of Precast Concrete Part II** (1.0 hour, 1.0-AIA-HSW)

As discussed in the “Constructability of Precast Concrete” presentation, we are seeing more precast concrete being used in diverse construction projects and underlines the pivotal role of understanding the expectations, standards, and constructability concerns associated with precast concrete. This presentation will expand on the discussion and offer practical concerns and solutions to be able to integrate into every project. By addressing these concerns early, the designer and contractual professional will be equipped with the information to preemptively address the concerns and ultimately ensure project success and minimize costly field rework.

### **Learning Objectives:**

1. Emphasize the importance of integrating allowable tolerances into the initial design and detailing phases to ensure the final product meets desired specifications, such as making sure that fire rated walls are properly detailed against non-precast elements, water is properly managed, and sealants are properly specified.
2. Provide proactive measures and best practices for identifying and mitigating those issues early in the design and planning stages, reducing the likelihood of costly rework and delays in the field.
3. Identify critical areas of concern in the design-to-construction transition phases, where precast panels interface with other building elements like roofing and windows and interior components.
4. Provide examples of successful projects where collaborative efforts led to efficiency and reduce overall project costs and provided proper detailing for air, water, vapor, and life-safety elements.