

TECHNICAL DOCUMENTS

ACI 506.4R-19: Guide for the Evaluation of Shotcrete

This document provides information on the evaluation of both dry-mix and wet-mix shotcrete. It is assumed throughout the document that shotcrete is a method of placing concrete.

ACI 526R-19: Guide for Design and Construction with Autoclaved Aerated Concrete Panels

This guide is intended for use by architects, engineers, contractors, building officials, and manufacturers. Its purpose is to present, in a single source, information that can help those individuals design, specify, and construct with factory-reinforced panels of autoclaved aerated concrete (AAC).

ACI 563M-18: Specifications for Repair of Structural Concrete in Buildings

This is a Reference Specification that the Architect/Engineer can apply to any construction repair and rehabilitation project involving structural concrete by citing it in the Project Specifications. Mandatory requirements and Optional requirements checklists are provided to assist the Architect/Engineer in supplementing the provisions of this Specification, as required or needed, by designating or specifying individual project requirements.

SP-332: Responsibility in Repair Construction

The responsibilities for parties involved in a repair project may be significantly different than those traditionally encountered in new concrete construction. The new ACI 562, “Code Requirements for Assessment, Repair, and Rehabilitation of Existing Concrete Buildings,” and corresponding ACI 563, Specifications for Repair of Concrete in Buildings,” identify requirements for the Licensed Design Professional and the contractor’s Specialty Engineer during repair programs.

ACI UNIVERSITY ONLINE COURSES

On-Demand Course: Reshoring and Early-Age Building Behavior

Learning Objectives:

1. Discuss the recent revisions to ACI 347.2R-17, “Guide for Shoring/Reshoring of Concrete Multistory Buildings”.
2. Describe common complex reshoring applications.
3. Explain early-age concrete properties as they relate to reshoring and slab deflection applications.
4. Describe best practices relating to deflection modeling, monitoring, and investigation.

Continuing Education Credit: 0.15 CEU (1.5 PDH)

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