

TECHNICAL DOCUMENTS

ACI 548.8-19: Construction Specification for Type EM (Epoxy Multi-Layer) Polymer Overlay for Bridge and Parking Garage Decks

This Specification covers epoxy multi-layer (EM) polymer overlay for bridge and parking garage decks. Type EM polymer overlay incorporates a low-modulus epoxy binder and selected aggregate to produce a flexible, skid-resistant, and low-permeability overlay.

ACI 355.2-19: Qualification of Post-Installed Mechanical Anchors in Concrete (ACI 355.2) and Commentary

ACI 355.2 prescribes testing programs and evaluation requirements for post-installed mechanical anchors intended for use in concrete under the design provisions of ACI 318. Criteria are prescribed for determining whether anchors are acceptable for use in uncracked concrete only, or in cracked as well as uncracked concrete.

ACI 318.2-19: Building Code Requirements for Concrete Thin Shells (ACI 318.2-19) and Commentary

This document governs the design of thin shell concrete structures. Where required for design of thin shell concrete structures, provisions of ACI 318 are to be used to complement the provisions of this Code. (Free Download)

ACI UNIVERSITY ONLINE COURSES

On-Demand Course: Ethics and Safety in the Concrete Industry

Learning Objectives:

1. Explain the difference between ethics and morality.
2. Describe examples of ethical dilemmas faced by Engineers.
3. Review a real-life case study of ethical behavior and appraise the ethics of the possible actions.
4. Identify concrete industry safety responsibilities.

Continuing Education Credit: 0.1 CEU (1.0 PDH)

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Documents

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These documents, available in digital editions, cover:

- Materials
- Design examples for concrete structures
- Repair application procedure



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