

TECHNICAL DOCUMENTS

ACI 225R-19: Guide to the Selection and Use of Hydraulic Cements

This guide covers the influence of cement on the properties of concrete, summarizing the composition and availability of commercial hydraulic cements and the factors affecting their performance in concrete.

ACI 310R-19: Guide to Decorative Concrete

This guide describes techniques for imparting aesthetic finishes to concrete flatwork, of which many can be combined for unique effects. The owner and architect/engineer will acquire detailed, practical guidance for achieving aesthetic effects using proven techniques.

ACI 548.8M-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 550.6-19: Acceptance Criteria for Special Unbonded Post-Tensioned Precast Structural Walls Based on Validation Testing and Commentary

This document applies to structures in regions of high seismic risk or to structures assigned to high seismic performance or design categories.

ACI UNIVERSITY ONLINE COURSES

On-Demand Course: Use of ASTM A1035/A1035M Grade 100 (690) Steel Bars for Structural Concrete According to ACI 439.6R-19 and ACI 318-19

Learning Objectives:

1. Explain the mechanical properties of ASTM A1035/A1035M Grade 100 (690) bars.
2. Describe flexural design procedures according to ACI 439-6R-19 using ASTM A1035 Grade 100 bars
3. Describe flexural design procedures according to ACI 318 using ASTM A1035 Grade 100 bars.
4. Review the procedure for determining the development length of ASTM A1035 Grade 100 bars.

Continuing Education Credit: 0.1 CEU (1.0 PDH)

On-Demand Course: ACI 562-19—The ACI Concrete Repair Code

Learning Objectives:

1. Review the ACI 562-19 Standard including motivation for the development of the repair code.
2. Illustrate significant changes in the ACI 562-19 edition and the reasons behind them.
3. Summarize critical concepts contained in Chapters 1 and 4 (Appen. A).
4. Summarize critical sections of Chapter 6, 7, and 8.
5. Recognize the need for use and adoption of ACI 562.

Continuing Education Credit: 0.15 CEU (1.5 PDH)

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