

TECHNICAL DOCUMENTS

Fibre-reinforced concrete: From design to structural applications FRC 2014: ACI-fib International Workshop (SP-310)

The FRC-2014 Workshop, Fibre-reinforced concrete: From design to structural applications, was the first ever ACI-fib joint technical event. The workshop, held at Polytechnique Montreal, Montreal, QC, Canada, on July 24 and 25, 2014, was attended by 116 participants from 25 countries and four continents. More than 50 papers were presented at the workshop, from which 44 were selected for this joint ACI-fib publication. The papers cover a wide range of applications and illustrate the maturity of FRC as the choice material for improving the serviceability, sustainability, and performance of concrete structures.

Proceedings of the First ACI & JCI Joint Seminar: Design of Concrete Structures Against Earthquake and Tsunami Damage (SP-313)

This volume contains the technical papers presented at the First ACI & JCI Joint Seminar, held in Waimea, HI, July 16 to 18, 2014. The theme of the joint seminar was “Design of Concrete Structures Against Earthquake and Tsunami Disasters.” Five papers were presented by authors from ACI, and five papers from JCI. Three papers are related to tsunami

loads and structural design requirements, and seven are related to seismic analysis and design.

Eco-Efficient and Sustainable Concrete Incorporating Recycled Post-Consumer and Industrial Byproducts (SP-314)

This Special Publication led by ACI Committee 555, Concrete with Recycled Materials, is a contribution towards greening concrete through increased use of recycled materials such as scrap tire rubber, post-consumer glass, reclaimed asphalt pavements, incinerated sludge ash, and recycled concrete aggregate.

ACI UNIVERSITY ONLINE COURSES

On-Demand Course: Shotcrete—Guide and Specification

Learning objectives:

1. Recognize the basic topics covered in the ACI 506R-16, “Guide to Shotcrete,” and ACI 506.2-13, “Specification for Shotcrete.”
2. Identify the updates to the Guide from the previous version.
3. Describe the intended use of ACI 506.2 for construction projects.
4. Explain how to use the Specification and Guide together as a specification and supporting commentary.

Continuing Education Credit: 0.1 CEU (1 PDH)

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