



FOR IMMEDIATE RELEASE

AMERICAN CONCRETE INSTITUTE ANNOUNCES NEW PUBLICATIONS

FARMINGTON HILLS, Mich. (May 26, 2009) – The American Concrete Institute (ACI) announces the availability of four new publications to educate and inform industry professionals on the newest concrete-related information and technology. As always, ACI members receive a special discount (up to 40 percent) on all ACI publications. Publications can be ordered by calling 248-848-3800 or online at www.concrete.org.

[Guide for the Use of Volumetric-Measuring and Continuous-Mixing Concrete Equipment \(304.6R-09\)](#)

This guide includes a short history of and information on the basic design and operation of equipment, frequently called mobile mixers, used to produce concrete by volumetric measurement and continuous mixing (VMCM). Definitions, applications, and quality assurance testing are discussed. The use of this equipment is compared with weigh-batch-mixing equipment to highlight some of the limited differences.

Publisher: American Concrete Institute

Publication Date: March 2009

Number of pages: 18

Order Code: 304609.PR

Price: \$47.50 (ACI members \$29.00)

[Guide for Cementitious Repair Material Data Sheet \(364.3R-09\)](#)

The purpose of this document is to provide a guide to the protocol for testing and reporting of data for cementitious repair materials.

“Selecting and specifying the most appropriate cementitious concrete repair materials based on product literature can be a daunting task because of the variety of test methods and material properties used to characterize these materials,” said Fred Goodwin, chair of ACI committee 364, Rehabilitation. “ACI 364.3R-09 standardizes test methods for the most important cementitious repair materials and provides an explanation of the relevance of these properties as pertaining to concrete repair.”

Publisher: American Concrete Institute

Publication Date: April 2009

Number of pages: 12

Order Code: 364309.PR

Price: \$40.50 (ACI members \$25.00)

[Guide for the Use of Polymers in Concrete \(548.1R-09\)](#)

The 548.1R-09 is a great guide for use of polymers to improve concrete. Recommendations are provided for Polymer Impregnated Concrete (PIC), Polymer Modified Concrete (PMC), and Polymer Concrete (PC). An updated and relevant glossary of terms and definitions is included relative to polymers in concrete.

“Anyone who has an interest in or works with polymers in concrete should have ACI 548.1R-09,” said Brad Nemunaitis, chair of ACI committee 548, Polymers and Adhesives for Concrete. “This is an outstanding reference providing greater understanding of specific applications and properties of polymers in concrete. With the increasing demands for higher performance materials and rapid installation, the use of polymers in concrete is becoming more prevalent to the construction industry.”

Publisher: American Concrete Institute
Publication Date: March 2009
Number of pages: 30
Order Code: 548109.PR
Price: \$58.50 (ACI members \$36.00)

[Report on Polymer-Modified Concrete \(548.3R-09\)](#)

This report addresses concrete made with organic polymers combined with hydraulic cement and discusses the polymer systems used to produce polymer-modified concrete, including their composition and physical properties. It explains the principle of polymer modification and reviews the factors involved in selecting appropriate polymer systems. The report also discusses mixture proportioning and construction techniques for different polymer systems and summarizes the properties of fresh and hardened polymer-modified concrete and common applications.

Publisher: American Concrete Institute
Publication Date: April 2009
Number of pages: 39
Order Code: 548309.PR
Price: \$64.50 (ACI members \$39.00)

###

For more information, contact:

Sara Steptoe
Marketing Communications Specialist
248-848-3148
Sara.steptoe@concrete.org

Advancing concrete knowledge – Founded in 1904 and headquartered in Farmington Hills, Mich., USA, members of the American Concrete Institute advance concrete knowledge by producing consensus, concrete-related codes, specifications, guides, and reports; creating and administering certification programs that support individuals in the concrete industry; delivering seminars and distance learning opportunities; publishing *Concrete International* magazine; and producing two peer-reviewed technical journals. For additional information, visit www.concrete.org.