

ASSOCIATION NEWS



AMERICAN CONCRETE INSTITUTE ANNOUNCES NEW PUBLICATION ON CURING

The American Concrete Institute announces the availability of a new invaluable publication for concrete industry professionals—ACI 308R-16 Guide to External Curing of Concrete.



This guide reviews and describes practices, procedures, materials, and monitoring methods for the external curing of concrete and provides guidance

for specifying curing procedures. Current curing techniques are presented and commonly accepted methods, procedures, and materials are described. Methods are given for curing structures and buildings, pavements and other slabs-on-ground, and for mass concrete. Curing methods for several specific categories of cement-based products are discussed in this document.

New research and methods of curing are presented, and the guide covers definitions; curing methods and materials; curing for different types of construction; and monitoring curing and curing effectiveness. Topics such as internal curing, curing at elevated temperatures, sustainability, curing of moisture-sensitive flooring, sensors for mass concrete curing, and new curing monitoring techniques have been added or enhanced in this document.

“ACI’s goal of proactively gathering and sharing information on transformational ideas, practices, and techniques is met through its technical documents,” stated Michael Tholen, ACI Managing Director, Engineering and Professional Development. “The new ACI 308R-16 Guide to External Curing of Concrete, together with ACI 308.1-11 Specification for Curing Concrete, provides the most up-to-date

information needed for the concrete industry professional.”

Learn more and purchase at www.concrete.org or call 248-848-3700.



AMERICAN CONCRETE INSTITUTE ANNOUNCES NEW PUBLICATION ON SHOTCRETE

The American Concrete Institute announces the availability of an invaluable new publication for concrete industry professionals—ACI 506R-16 Guide to Shotcrete.



The new guide provides information on materials and properties of both dry-mix and wet-mix shotcrete. Most facets of the

shotcrete process are covered, including application procedures, equipment requirements, and responsibilities of the shotcrete crew. Other aspects, such as preconstruction trials, craftsman qualification tests, materials tests, finished shotcrete acceptance tests, and equipment, are also discussed.

“The guide is an excellent primer with numerous pictures and figures covering the entire shotcrete process for engineers, architects, contractors, inspectors, testing firms, material and equipment suppliers, educators, and students,” stated Charles Hanskat, Executive Director of the American Shotcrete Association and member of ACI Committee 506, Shotcreting. “A wide variety of applications and details of the shotcrete placement process are covered including history, equipment selection, material requirements, formwork, crew composition and qualification, proper placement techniques, types of finishes, QA/QC testing, and sustainability.”

According to Michael Tholen, Managing Director of Engineering and Professional Development, the new guide, together with ACI 506.2-13, Specification for Shotcrete, provides the most up-to-date information available today, enabling the shotcrete specialist to complete projects in an efficient and safe manner. “ACI Committee 506, Shotcreting, worked very hard to incorporate all the latest innovative practices into this document,” stated Tholen. “ACI’s role as a recognized leader in concrete knowledge dissemination is highlighted with this new guide.”

Learn more and purchase at www.concrete.org (248-848-3700) or www.shotcrete.org (248-848-3780).



AMERICAN CONCRETE INSTITUTE ANNOUNCES NEW CONCRETE REPAIR CODE

The American Concrete Institute announces the availability of the new ACI 562-16: Code Requirements for Evaluation, Repair, and Rehabilitation of Concrete Buildings and Commentary.



Based on nearly one century of content from ACI, these new code requirements combine the Institute’s historical knowledge with state-of-the-art

resources on the evaluation, repair, and rehabilitation of concrete buildings. ACI 562-16 provides minimum performance requirements that address the unique nature of existing building construction, rather than specific formulas that must be followed in any situation.

“ACI’s expert members have been developing technical guidance on concrete repair and rehabilitation since the 1920s when the first article on the repair of concrete structures appeared in the Institute’s

technical journal,” stated Ron G. Burg, P.E., Executive Vice President, American Concrete Institute. “While industry practices and technology have certainly progressed, these new concrete repair code requirements build upon nearly 100 years of ACI’s concrete repair knowledge and provide state-of-the-art, clearly defined, and uniform requirements to extend the service life of concrete structures.”

The code requirements represent a major milestone in the industry—not only is it the first material-specific set of requirements for repair materials, but it also serves as ACI’s first code specifically for repairing reinforced concrete. Included in the requirements are all aspects of concrete repair, from conception to completion, including the basis for compliance, evaluation and analysis, design of structural repairs, durability, and construction.

Building specifically on the 2013 edition of ACI 562, revisions to definitions in ACI 562-16 bring this document into conformance with the International Existing Buildings Code and other standards for existing structures. ACI 562-16 also includes the addition of specific criteria requirements for assessment and design of repair and rehabilitation for varying levels of damage, deterioration, or faulty construction.

The new ACI 562 Concrete Repair Portal showcases ACI’s many resources on concrete repair including informational videos, free on-demand presentations on the new code requirements, recent industry article on concrete repair, and more. Additional information at www.concrete.org/ACI562 or by calling 248-848-3700.



NCMA TO LAUNCH 2018 ICON EXPO EQUIPMENT SHOW

The National Concrete Masonry Association will launch an International Concrete Exposition (ICON Expo) Machinery and Equipment Show in February 2018. NCMA is finalizing the dates and location

for this event, which is expected to be held in Indianapolis, Indiana, with February 9-10 as dates under consideration for the show.

“The return of an equipment show will be a valuable addition to the industry’s successful ICON-Xchange and B2B, but will give producers and suppliers the opportunity to touch and feel some of the recent innovations in the manufactured concrete masonry and hardscape industry,” said NCMA Chairman of the Board Patrick Sauter.

“NCMA continues to lead the way in providing its members and the manufactured concrete masonry and hardscape industry with unique and highly successful events for the industry and the ICON Expo promises to meet the industry’s needs for a hands-on event,” added Sauter.

Centrally located, Indianapolis offers easy access into the city and has been a popular destination for previous equipment trade-shows. The ICON Expo is currently scheduled as a two-day event to be held in conjunction with the National Concrete Masonry Association’s Annual Convention February 6-8, and the Interlocking Concrete Pavement Institute’s Annual Meeting, February 11-14. The tradeshow will include over 15 hours of show time and encompass an educational component, plant tours and social events.

NCMA plans to continue to conduct its ICON-Xchange event in the off years and will hold an equipment show every third year beginning in 2018. The 2017 ICON-Xchange will be held at the Arizona Grand Resort in Phoenix, Arizona, February 18-19. ICON-Xchange continues to provide a unique opportunity to expand businesses and build relationships. Its B2B Exchange component offers high-impact, focused one-on-one appointments in reserved hotel rooms or suites with potential customers, providing an efficient method of connecting with those uniquely relevant to your business.



ESCSI HONORS ITS 2016 HOLM AWARD RECIPIENT

CHICAGO, June 3, 2016 – The Expanded Shale, Clay and Slate Institute honored its 2016 Holm Award recipient at the ESCSI Midyear Meeting held May 9-12, 2016 in Boulder, Colorado. Each year, ESCSI honors individuals and/or companies who have made significant contributions to the lightweight aggregate industry through their leadership and dedication. This year’s recipient, Charles Newsome, joins that distinguished list.

The Thomas A. Holm Award is presented each year to an individual employed in the industry who has contributed to research, development and use of expanded shale, clay and slate aggregate. Charles Newsome has spent his career making such contributions.

Charles Newsome is the General Manager of the Carolina Stalite Company and the Executive Vice President of Johnson Concrete. He serves and has served in numerous leadership positions including the Executive Committee of the Education Foundation at UNC-Chapel Hill, Carolinas Concrete Masonry Association Board (CCMA), National Concrete Masonry Association Board (NCMA), NCMA Foundation Board and Insteel Industries Board. In addition to his commitment to the lightweight aggregate industry, Newsome is dedicated to mission work. Over the last three decades, he has worked with a village in Zambia in creating a modernized hospital and care center for orphaned children as well as developing educational and agricultural programs for the community.

“Charles has been a tireless promoter of the value and benefits of rotary kiln lightweight aggregate,” said John Ries, P.E., ESCSI Technical Director. “His vision and focus upon innovation along with encouraging future generations within the field has helped the industry grow in a very positive manner.”

ASSOCIATION NEWS

BRE ACADEMY LAUNCHES NEW E-LEARNING PLATFORM

New digital platform is designed to plug the skills gaps of the global construction community at a key time of challenge and change.

BRE's training and education arm, the BRE Academy, has launched a new eLearning platform (bre.ac) designed to meet the changing needs of the construction operatives, professionals and leaders in the UK and around the world.

With an initial 25 digitally delivered courses ranging from BIM Essentials and BREEAM Associate to Managing Change - Risk in Construction, the aim of bre.ac is to make and deliver quality education and training more accessible to time poor people and organisations needing to upskill. Courses carry recognised qualifications and CPD certification and are developed by leading global experts in the field.

At a time when the skills shortages and gaps are thought to be significantly hindering progress in the construction sector, 250 modules of the new portal's BIM Essentials course were sold during the live beta testing stage of the site with multiple sales for staff in world renowned design and engineering consultancy BDP.

'BDP sees the BIM Essentials online training course as an important step along our BIM journey. By providing a flexible learning platform that addresses the UK BIM Level 2 mandate and associated processes we will raise awareness and knowledge across a wider staff base, moving past software training and ensure job runners have skills necessary to address BIM Level 2 and beyond'.

BRE Academy Director Pauline Traetto said 'One of the key issues we identified in our recent skills gap survey was the need for accessible learning via the web and mobile that fits around the people rather than the training providers—bre.ac represents the positive action we decided to take in response to this. The early indications from course sales data are most encouraging with several hundred people accessing learning in their work-

place, while commuting on the train and in the comfort of their home. With the global online training market predicted to grow by 18% by 2020, for us this is the future of learning.'

INTERESTED IN SEEING YOUR NEWS IN THIS COLUMN?

Call (651) 366-6095 for information on how to send your Association News to ICRI. Editorial content for the September/October issue is due by mid-July and content for the November/December issue is due by mid-September.

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