

ASCC Announces Concrete Topping Slab Workshop During Committee Days

Over the past years ASCC has successfully held workshops on floor moisture problems, tolerances, and sealers. These workshops brought industry experts together to collaborate on topics important to concrete contractor members. At last year's Technical Committee meeting during May Committee Days, Sal and Chuck Vitale of Vee-Jay Cement Contractors stated that concrete topping slabs had been a source of frustration to them over many years, and that it would make a good workshop topic. The Technical Committee agreed, and after preliminary planning, the ASCC Concrete Topping Slab Workshop is set for this year's Committee Days in May.

The ASCC Concrete Topping Slab Workshop will focus on bonded and unbonded structural concrete toppings for buildings. Topics to be presented include design and construction of bonded and unbonded concrete topping slabs with emphasis on mix design, surface preparation, bonding agents, curing, and control of cracking and curling.

The content of the PowerPoint presentations will be used to develop an outline and initial content for an ASCC publication on Concrete Topping Slabs. ASCC has chosen Scott Tarr, PE, FACI and Ron Kozikowski, PE, of North S. Tarr Concrete Consulting, P.C. to author the book that is anticipated to be available by World of Concrete 2015.

Scott and Ron have both worked on the design and construction of topping slabs. In addition, they are members of American Concrete Institute committees including ACI 301, Specifications for Concrete; ACI 302, Construction of Concrete Floors; ACI 306, Cold Weather Concreting; ACI 308, Curing Concrete; ACI 325, Concrete Pavements; ACI 330, Concrete Parking Lots and Site Paving; and ACI 360, Design of Slabs on Ground. Scott was co-author of the Portland Cement Association's *Concrete Floors on Ground*. In addition, Scott presented a seminar on topping slabs at the 2006 World of Concrete and recently authored a Q&A response titled "Concrete Toppings" in the August 2013 issue of ACI's *Concrete International*.

The speakers listed below have accepted an invitation to address the following topics:

Introduction: Why an ASCC Topping Slab Workshop
Sal and Chuck Vitale, Vee-Jay Cement Contractors

Mix Design Considerations for Topping Slabs
Kevin McDonald, Beton Consulting Engineers LLC

*An Overview of Concrete Topping Slabs Information in ACI 302.1R-04,
"Guide for Concrete Floor and Slab Construction"*
Eldon Tipping, Structural Services Inc.

Curing of Topping Slabs
Jim Schibly, Sundt Construction, Inc.

Special Topics in Topping Slabs: Sandwich Toppings, Tolerances, Steel Deck
Bruce A. Suprenant, American Society of Concrete Contractors

The following have been invited to speak during the Workshop:

Design of Bonded, Unbonded, and Partially Bonded Topping Slabs
Jerry Holland, Director of Design Services, Structural Services Inc.

Control of Cracking and Curling in Topping Slabs
Kim Basham, KB Engineering LLC

Other anticipated presentations include *Lessons Learned from Pavement Overlays* by a representative of the American Concrete Pavement Association and *Experience with Topping Slabs over Precast Concrete Structural Members* by a representative of the Precast/Prestressed Concrete Institute.

While Scott Tarr and Ron Kozikowski will develop the book content, Ward Malisch and Bruce Suprenant will provide peer review, along with the Workshop presenters and the ASCC Technical Committee.

If you would like to be invited to attend the ASCC Workshop or have input on the book content, contact Ward Malisch at the ASCC Technical Hot Line (800) 331-0668.