



American Concrete Institute

38800 Country Club Drive
Farmington Hills, MI 48331 USA
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www.concrete.org

ACI Committee 523

CELLULAR CONCRETE

MEETING AGENDA

ACI 2021 spring, virtual meeting

Tuesday, March 30, 2021

11:30a-1:30p EST

GoToMeeting

1. Call to order and welcome message from the chair
2. Roundtable introduction of members and visitors
3. Review and approve minutes from the 2021 fall virtual meeting
4. Member's review
 - 4.1. Total members: 24
 - 4.1.1. 2 officers, 16 voting, and 6 associates
 - 4.2. Review on the balance of interest
 - 4.2.1. General Interest 44%, Academic/Educator 27%, Producer 16%, Consultant 11%
5. Status of documents:
 - 5.1. Guides
 - 5.1.1. 523.2R-96: Guide for Precast Cellular Concrete Floor, Roof, and Wall Units
 - 5.1.2. 523.1R-06: ACI 523.1R-06 Guide for Cast in Place Low Density Cellular Concrete
 - 5.2. Tech-notes update
 - 5.2.1. Status of the Internal Temperature Effects on Cellular Concrete Fills
 - 5.2.2. Other tech notes to discussed:
 - 5.2.2.1. permeability/water absorption
 - 5.2.2.2. structural design recommendation
 - 5.2.2.3. heat insulation properties – guidelines (thermal mass)
 - 5.2.2.4. Nano technology of the foam concentrate



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6. Research needs – *needs to be added to the committee website*
 - 6.1. Environmental Benefits of Cellular Concrete – R. Montemayor
 - 6.2. Delayed Ettringite Formation (DEF) in Mass Pours of Cellular Concrete – T. Towery
 - 6.3. The Application of Fly Ash and Off-spec CCR in Cellular Concrete
 - 6.4. Hydrophobic Coating for Surface Treatment of Cellular Concrete
7. New/Old Business
 - 7.1. Next mini section – fall meeting
 - 7.2. ACI certification – Q/A on finished product
8. Report on TAC workshop/breakfast for technical committee chairs
9. Informal reports by members and visitors
10. Adjourn.