



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, October 26, 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 spring virtual meeting
4. Member's review
 - 4.1. Total members: 19
 - 4.1.1. 2 officers, 12 voting, and 5 associates
 - 4.2. Review on the balance of interest
 - 4.2.1. General Interest 43%, Academic/Educator 29%, Producer 14%, Consultant 14%
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
 - 5.1.2.1. Re-rewrite is needed
 - 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)



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- 5.2.2.4. Nano technology of the foam concentrate
- 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 2023
 - 7.2. ACI certification – Q/A on finished product
- 8. Report on TAC workshop for technical committee chairs
- 9. Informal reports by members and visitors
- 10. Adjourn.