Meeting Agenda

ACI 302 Construction of Concrete Floors

Anaheim, CA / D-Magic Kingdom 2

Monday, October 16, 2017 / 0830 – 1300 HRS

Mission: Develop and report information on materials and procedures for the construction of concrete floors.

Committee Members

<table>
<thead>
<tr>
<th>Rick Smith*** Chair</th>
<th>Russell Neudeck* Secretary</th>
<th>Bruce Suprenant*** TAC Contact</th>
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<tr>
<td>Allen Face**</td>
<td>Brad Fricks*</td>
<td>Phil Kopf**</td>
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<td>Barry Foreman***</td>
<td>Jeff Miller*</td>
<td>Rick Felder*</td>
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<td>Bill Phelan**</td>
<td>Joe Neuber*</td>
<td>Scott Metzger**</td>
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<td>Bryan Birdwell***</td>
<td>John Rohrer*</td>
<td>Scott Niemitalo*</td>
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<td>Chris Tull***</td>
<td>Kevin MacDonald**</td>
<td>Scott Tarr***</td>
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<td>Craig Dahlgren**</td>
<td>Mike McPhee**</td>
<td>Steve Lloyd*</td>
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<td>Darryl Manuel**</td>
<td>Nigel Parkes**</td>
<td>Tim Robinson*</td>
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<td>David Buzzelli*</td>
<td>Pat Harrison***</td>
<td>Tommy Rutttura*</td>
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<td>Ed Finkel***</td>
<td>Paul Rouis***</td>
<td>Warren McPherson**</td>
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<td>Greg Fricks*</td>
<td>Peter Craig***</td>
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Committee Balance

<table>
<thead>
<tr>
<th>Users / Finishers*</th>
<th>Producers**</th>
<th>General Interest / Consultants***</th>
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<td>14</td>
<td>8</td>
<td>11</td>
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Consultative Members

| Terry Fricks      | Jerry Holland | Eldon Tipping                    |

Invited Guests

1. Administrative
   1.1. Introductions
   1.2. Please sign one of the sign in sheets and return to Chairman
   1.3. Confirm your E-Mail on the ACI Website (www.concrete.org)
1.4. Establish Quorum

1.5. Approval of Previous Meeting Minutes

1.6. Announcements

1.6.1. New Member Applications – Thanks to Bev Garnett

1.6.2. Committee Balance

1.6.3. Shannon Hale, Translation Coordinator, English to Spanish. Wait until new document is published.

1.6.4. Juan Roberto Pompo - RILEM TC 268-SIF, Surface Delamination of Industrial Floors and Other Durability Related Aspects Guide

<table>
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<th>To prevent delamination:</th>
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<tr>
<td>- Max 3.0% air content in fresh concrete</td>
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<td>- Max. 1.0% superplasticiser based on PCE to 1.0% of the content by weight of cement in the concrete</td>
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<td>- Minimum water content of 180 l/m³ of concrete and a minimal cement content of 320 kg/m³ of concrete composition when using PCE</td>
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<td>- Continuous particle size distribution of the inert skeleton (aggregates, including the sand).</td>
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<td>- Limitation of the content of fines (&lt;0.125 mm) to 370 kg/m³ of concrete and the content of fine sand (&lt;0.250 mm) to 430 kg/m³ of concrete, including fines.</td>
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<td>- To find the correct time for finishing, perform the Dutch Votorn test. With a penetration depth of &lt; 35 mm, the concrete will be hard enough to finish the surface.</td>
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2. Presentations – 15 to 20-Minutes

2.1. __________________________________________________________

2.2. __________________________________________________________

2.3. __________________________________________________________

3. Liaison Reports

3.1. 117 Tolerances – Joint ACI / ASCC (Eldon Tipping / Bruce Suprenant)

3.2. 130 Sustainability of Concrete (Kevin MacDonald)

3.3. 223 Shrinkage Compensating Concrete (Karl Bakke)

3.4. 224 Cracking __________________________ (Residential Joint Spacing)

3.5. 301 Specification for Concrete (Scott Tarr)

3.6. 310-J Polished Concrete (Pat Harrison)

3.7. 329 Performance Criteria for Ready Mixed Concrete (Jack Gibbons)

3.8. 330 Design and Construction Concrete Parking Lots (Eldon Tipping)

3.9. 360 Design of Slabs on Ground (Scott Tarr)
3.10. 544 Fiber Reinforced Concrete (Jim Milligan*)
3.11. 551 Tilt-up Concrete Construction (Ed McGuire)
3.12. 640 Finisher Certification (Bryan Birdwell)
3.13. ______ __________________________ (__________________)

4. Old Business

4.1. ACI 302.2R

5. New Business

5.1. ASTM E1155-2014 / ACI 117 Section 4 (General Discussion)
   5.1.1. 2-FT Boundary Condition
   5.1.2. Q_i – 24” Curvature Measurements ≤ 10-FT OC
   5.1.3. Minimum Local Value

5.2. ACI 302.1R Revisions – Track Your Changes
   5.2.1. Chap 1 Introduction (Rick Smith)
   5.2.2. Chap 2 Definitions (Chris Tull)
   5.2.3. Chap 3 Prebid / Precon (John Rohrer, Allen Face, Bill Phelan, Joe Buongiorno, Rick Smith)
   5.2.4. Chap 4 Classes of Floors (Mike McPhee, Scott Niemitalo)
       Floors to be Polished (Pat Harrison)
       Limited Joint Floors (Greg Scurto)
   5.2.5. Chap 5 Design Considerations (Wayne Walker)
       Polished Suspended (Pat Harrison)
   5.2.6. Chap 6 Site Preparation (Tommy Ruttura, Ed McGuire, David Buzzelli)
   5.2.7. Chap 7 Associated Materials (Ed McGuire, Kevin MacDonald, Mike Lynn, Darryl Manuel, Scott Metzger)
   5.2.8. Chap 8 Material Proportioning (Pat Harrison, Bill Phelan, Steve Lloyd, Russ Neudeck, Greg Scurto, Joe Neuber, Jerry Holland, Scott Tarr, Chris Tull, Joe Buongiorno)
   5.2.9. Chap 9 Batch, Mix, Transport (David Buzzelli, Tommy Ruttura, Steve Lloyd, Tom Binkowski, Joe Buongiorno)
   5.2.10. Chap 10 Place, Consolidate, Finish, Cutting (Bryan Birdwell, Mike McPhee, Tony Lampasona, Steve Lloyd, Pat Harrison, Lenny Gagliardi)
   5.2.11. Chap 11 Cure, Protect, Joint Fill (Scott Metzger, Craig Dahlgren, Scott Tarr, Darryl Manuel)
   5.2.12. Chap 12 Quality Control (Bryan Birdwell, Steve Lloyd, Bill Phelan)
5.2.13. Chap 13 Imperfections (Bryan Birdwell, Scott Tarr, Rick Smith, Peter Craig, Darryl Manuel, Mike Lynn)

6. Task Group Reports / Update
   6.1. Liquid Surface Treatments – Darryl Manuel
   6.2. Curling Study Over Vapor Retarders – Bill Phelan
   6.3. ASTM E1155-2014 / ACI 117 Section 4 (Do we need this?)

7. Adjournment
   7.1. Spring 2018 - Concrete Elevated, March 25-29, Grand America & Little America, Salt Lake City, UT.