



NFRC 2009 Summer Membership Meeting  
July 20-23, 2009, Baltimore, MD

## Draft Minutes

### Thermophysical Properties of Materials Subcommittee

Tuesday, July 21, 2009

*Under Research & Technology Committee Block: 7:30 a.m. – 12:30 p.m.*

*Chair: Charlie Curcija, Carli, Inc.*

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#### 1. Meeting called to order

#### 2. Jessica Ferris appointed recording secretary.

#### 3. Reports

- a. Thermophysical Properties Peer Review-Ray McGowan – 3 submissions; one under current peer review.
- b. Ray McGowan (staff) reported the Thermophysical Properties ILC is moving slowly. Labs have had some financial difficulties completing work.
- c. NFRC 101 and 103 TG (Peter Lyons) – Discussed negatives on the ballot.

#### 4. New Business

##### a. NFRC 101 Ballot discussion

1. **ATI negative-MOTION:** B. Shah/R. Temple moved to modify Section 5.4 to read: The density of the materials shall be determined by dividing its weight by its volume. The density of the polymer/plastic based materials may be measured using ASTM D792, ASTM D1505, ASTM D4883, ISA 1183-1, ISO 1183-2, or ISO 1183-3. The density of the timber based materials may be measured using ASTM D2395. The density of fine aggregates may be measured using ASTM C128. For other materials and methods not mentioned here, the density measurement method used shall be fully described, referenced, and reported. Motion passes by voice vote. 1 disapprove.

2. **Andersen** negative withdrawn.

3. **Cardinal negative-MOTION:** J. Larson/B. Shah moved to find the Cardinal negative persuasive and substantive with direction to send NFRC 101 back to TG for review and to develop one appendix of generic materials from existing appendices A and B. 19-0-5. Motion passes. NFRC 101 goes back to task group.

b. **MOTION:** B.Shah/M. Thoman moved to direct TG to reconsider the approach and concept of Appendix C and return a recommendation to the membership. Motion passes by unanimous voice vote.

#### 5. Meeting adjourned at 8:58 AM.