



## MINUTES

### U-Factor Subcommittee

Tuesday, March 4, 2008

*Under Technical Committee Block: 2:00 p.m. – 5:30 p.m.*

*Chair: Michael Thoman, Architectural Testing, Inc.*

*Vice Chair: Mahabir Bhandari, Carli, Inc.*

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1. Mike Thoman, chair, called to Order 2:35 pm
2. Tom Herron (staff) appointed recording secretary
3. Minutes from November 2007 (Tempe, AZ) meeting were approved as presented
4. The agenda was reviewed and approved as presented
5. Reports
  - a. Tubular Daylighting Devices Task Group – (D. DeBlock) – no action items to report
  - b. Garage / Rolling Door Task Group – (J. Hetzel)
    - i. Conducted two research projects in 2007 on steel doors. Carefully consider language in NFRC 100. Cleanup item. Re-ballotted in another meeting.
    - ii. Clarifying information will be sent back to task group.
    - iii. Changes are attempting to clarify what already exists and refine the details
    - iv. Non-insulated garage doors have been excluded because of technical data and the focus was on insulated doors. The TG will consider non-insulated products at a later time.
  - c. Door Task Group – (S. Jaspersen)
    - i. To review door ballots
  - d. Testing Laboratory Task Group – (M. Thoman) – no action items to report
  - e. NFRC 100-product Type Additions Task Group – M. Thoman reported that this task group will be disbanded.
  - f. Spacer Thermal Performance Task Group – M. Thoman reported that this task group will be disbanded.
6. Unfinished Business
  - a. Progress of work groups and 2009 document cycle – M. Thoman informed the members about the work groups for the NFRC documents
    - i. Spacer WG – chaired by T. Rogers
    - ii. Reinforcement WG – chaired by T. Jenkins
    - iii. Grids WG – chaired by J. Krahn
    - iv. Glass / Low-E WG – chaired by R. DePaola
7. New Business
  - a. NFRC 100 – Storm Window Ballot

- i. Cardinal negative:  
**MOTION:** T. Culp / F. Higgins move to find Cardinal negative non-persuasive. Motion Fails: 16-19-0.

**MOTION:** J. Larson / D. DeBlock move to find Cardinal negative persuasive and to send back to task group for whole product numerical rating and complete labeling / PCP process. Motion fails: 16-19-0.

b. NFRC 102 – Garage Ballot

- i. All ballots were discussed with participants and the Garage Door TG will make recommended changes and bring forth a new ballot for July meeting.

c. NFRC 100– Dynamic Attachment Ballot

- i. QTI negative:

**MOTION:** D. DeBlock / M. McDonald move to add insulating glass spacer details to reference product drawings. Motion passes by unanimous voice vote.

- ii. Pella negative:

**MOTION:** D. DeBlock / S. Strawn moved to find the Pella negative non-persuasive. Motion fails: 5-9-15.

**MOTION:** J. Hayden / F. Higgins moved to find the Pella negative persuasive and direct the proponents to work with the manufacturers of other interior shading devices to develop procedures for all such products. Motion passes: 9-8-0.

d. NFRC 100 – Door Ballot

- i. Pella negative:

**MOTION:** J. Hayden / T. Zaremba moved to find the Pella negative persuasive and substantive, thus leaving the language unchanged. Motion passes: 10-3-0.

8. Meeting Adjourned