



Minutes

U-Factor Subcommittee

Wednesday, July 25, 2007

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

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

1. The chair called the meeting to order @ 9:25AM.
2. Jessica Ferris (NFRC Staff) appointed recording secretary
3. Minutes approved from March 2007 (Austin, TX) meeting
4. Agenda reviewed and approved
5. Reports
 - a. Tubular Daylighting Devices Task Group – Dave DeBlock/ODL reported the TG expects a lab to be accredited for testing by September /October.
 - b. Garage / Rolling Door Task Group – Joe Hetzel / DASMA reported the following:
 - i. ASHRAE/DASMA project completed in March 2007 so have all documents needed to continue work. Ultimate goal will be to prepare revisions to 100, 102, and simulation manual.
 - Validation Size
 - Work with glazing industry to develop simulation of doors with glazing
 - Will look at differences between two projects (DASMA and ASHRAE)
 - TG in November
 - Consider NFRC standard size per Mike Thoman's recommendation
 - c. Door Task Group – Steve Jasperson / Therma-Tru (not present, Mike Thoman presented) reported no activity since last meeting.
 - d. Testing Laboratory Task Group – Mike Thoman / ATI reported the task group is meeting about once a month. The TG has sent a ballot for RH in the NFRC 102 which will be voted on at this meeting.
 - e. NFRC 100-product type additions Task Group – Brad Schultz / ALI reported the task group is working on developing protocol for allowing the use of one label for combination products. Will have suggested language for 100-2009.
 - f. Spacer Thermal Performance Task Group – Werner Lichtenberger / TruSeal reported the task group is looking at grouping rules for spacers. Can begin to look at developing hierarchy with frame grouping.
 - g. NFRC 100 Language Working Group – Dennis Anderson / ATI (not present, Mike Thoman presented) reported that the TG was to study grouping language in 100 and clarify the language. The task group meets about once a month and new



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items/issues come up all the time. If you have any grouping issues, the task group can look at it from a common sense perspective and then try to modify the language if need be to resolve the issue. The TG has sent a ballot for NFRC 100 which will be voted on at this meeting.

6. Unfinished Business

7. New Business

a. NFRC 100 – HTDD Ballot

- i. Sunergy, AC – W. DuPont – **MOTION:** D. DeBlock / R. LeBrun moved to accept the changes agreed to with the TDD-TG and Sunergy and modify the document accordingly. Motion passes by unanimous voice vote.
- ii. Sunergy, AC – W. DuPont – Figures will be modified
- iii. AZS Consulting, AC – A. Stewart – NFRC Staff will make sure the document is formatted properly prior to publication.
- iv. Pella, AC – J. Hayden – General comments not requiring any action
- v. **MOTION:** D. DeBlock / R. LeBrun moved to add the HTDD language to the NFRC 100 and move to technical with implementation upon accreditation of a laboratory. Motion passes by unanimous voice vote.

b. NFRC 102 – RH Ballot

- i. Graham Arch, AC – B. Croak – **MOTION:** M. McDonald / C. Anderson moved to accept the RH language a amended and send the amended NFRC 102 document forward to Technical Committee for approval. Motion passes by unanimous voice vote.

c. NFRC 100 – Language Ballot

- i. Pella, NG – J. Hayden – accepted language amended by TG and withdrew negative.
- ii. PGT, NG – L. Turner – accepted language amended by TG and withdrew negative.
- iii. QTI, NG – M. McDonald – accepted language amended by TG and withdrew negative.
- iv. ALI, NG – B. Schultz – **MOTION:** J. Hayden / M. Falke moved to find the ALI ballot to defer implementation of the proposed revisions until the 2009 document cycle to be non-persuasive. Motion passes 12-6-10.
- v. Anderson, AC – S. Johnson –accepted language amended by TG.
- vi. AZS Consulting, AC – A. Stewart – NFRC Staff will make sure the document is formatted properly prior to publication.



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- vii. BirchPoint, AC – T. Culp – accepted language amended by TG.
 - viii. Marvin Windows, AC – J. Krahn – NFRC Staff will make sure the document is formatted properly prior to publication.
 - ix. Technoform, AC – M. Jhaveri – NFRC Staff will make sure the document is formatted properly prior to publication.
 - x. **MOTION:** T. Rygg / C. Mathis moved the NFRC 100 to the Technical Committee for implementation upon publication. Motion passes by unanimous voice vote.
8. Meeting adjourned at 10:36AM