

Minutes



U-Factor Subcommittee

Tuesday, March 15, 2005

Under Technical Block: 7:30 am –1:30pm

Chair: Michael Thoman, P.E. – Architectural Testing, Inc.

1. Mike Thoman called the meeting to order @ 8.50 am.
2. Ray McGowan appointed recording secretary.
3. Approve Minutes from October 12, 2004 Portland meeting.
4. Review and approve agenda
5. Unfinished Business-Task Group Reports
 - a. Simulators TG - Jeff Baker of WESTLab reported no activity and is seeking a new chair.
 - b. Software Review TG - Jeff Baker/WESTLab will find a better place in the committee structure for this TG.
 - c. Skylight TG - Roland Temple/VELUX reports no activity.
 - d. Tubular Daylighting Devices TG - Dave DeBlock/ODL did not attend. The BRTG will report at the Summer Membership meeting.
 - e. Garage Door / Rolling Door TG - Joe Hetzel/DASMA did not attend. Mike Thoman reported for him.
 1. "Neutral" draft documents containing provisions and diagrams addressing U(s), U(st) and U(sim) have been drafted for future discussion purposes.
 2. ASHRAE RP-1236 testing on garage doors and rolling doors has been completed, and a report is in the process of being compiled. The TG would be interested in 1) validation of results and 2) identification of deviations from the currently published versions of NFRC 100 and NFRC 102.
 3. Since testing of garage doors and rolling doors has been done at facilities other than that used in the ASHRAE research project, the TG would be interested in deviations from NFRC 100 and NFRC 102 as determined other than from that project.
 4. The TG should eventually compare deviation information with respect to both NFRC 100 and NFRC 102. If resolution of items is needed, DASMA appears willing to sponsor additional research.
 5. One eventual work task of the TG could be to complete the "neutral" documents within the TG, based on agreement on deviations from both NFRC 100 and NFRC 102. The provisions could be used to modify affected existing standards.
 6. After information is obtained from the ASHRAE research project, and hopefully from others that have tested garage doors/rolling doors in the past, a conference call is expected to be scheduled to discuss the information and determine next steps to take.
 7. No action is needed at this time from the NFRC U-factor subcommittee.
 - f. Door TG - Steve Jasperson of ThermaTru did not attend and forwarded no report. This TG will await the door rating simplification project results to resume activity. Steve Strawn requested a new TG to review door U factors/SHGC working group. Caming and decorative glass methods need

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to be improved. A work group formed (Steve Strawn, Marles McDonald, Joe Hayden, Gurjinder, Marcia Falke, Steve Jasperson, Dave DeBlock) to investigate this issue.

- g. Testing Laboratory TG - Mike Thoman of ATI urged members with testing interest to attend pertinent (1363, 1199, 1423) ASTM meetings (next one on May 19, 2005 in Reno, NV). This TG may have a meeting in Reno, NV on May 20, 2005.
- h. NFRC 100-2007 - Mike Thoman of ATI reported has had only one meeting and will be scheduling a meeting soon.
- i. Jeff Baker advised all inactive TGs be reassessed and terminated if appropriate.

6. New Business

- a. Simplification Discussion
 - i. Physical testing requirement questioned.
 - ii. Groupings need to be improved in NFRC 100.
 - iii. Dynamic Glazing language needs to be added.
 - iv. Divider simplification suggested.
 - v. Simulation process could be simplified.
 - vi. Canadian harmonization recommended to be part of this effort.
- b. Bay window rating discussed. U-factor and SHGC documents need to address this product. Labeling SC needs to address this situation.

7. Meeting adjourned @ 9.35 am.
