



NFRC 2010 Summer Membership Meeting
April 12-15, 2010, New Orleans, LA

Minutes

Technical Committee

Block Period: Tuesday, April 13, 2010 2:30 p.m. – 5:15 p.m.

Continued – Wednesday, April 14, 2010 8:00 a.m. – 12:30 p.m.

Chair: Jeff Baker, WESTLab, Inc.

Vice Chair: Steve Johnson, Andersen Window Corporation

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1. J. Baker (Chair) called the meeting to order - antitrust reminder given and reviewed voting requirements
 2. Roll call / Establish quorum. Quorum established.
 3. Dennis Anderson (Staff) appointed recording secretary
 4. Agenda reviewed and approved as presented
 5. Approve Minutes from November 2009 meeting in San Antonio, TX.
 6. Reports
 - a. Canadian/American Harmonization Task Group (J. Baker, J. Hogan) – has been inactive for some time. Suspend Task Group until CSA and NFRC agree to harmonize documents. Report this action item to the Board
 - b. Validation Testing Task Group (S. Kumar) – Nothing to report
 - c. Software Subcommittee (B. Crooks, J. Krahn) –

MOTION: B. Crooks / D. DeBlock move to the Board to approve Window6/Therm6 for CMAST. Motion passes by unanimous voice vote

- d. Attachment Subcommittee (M. Cienian, D. DeBlock) –

Applied Film Task Group – Reported the need to change the implementation date of recent Label modifications due to the work required to update the NFRC database not being completed. Implementation date will move from summer 2010 to January 1, 2011. NOTE – Chair advised this should be reported at the Labeling Committee meeting.

Optical Properties Task Group – Reported this Task Group has 3 active work groups:

- Fabric Data Base for attachment products
- Cellular Shade Simulation
- Standards Work Group

PCP Task Group – Reported this Task Group has a new Chair – Ms. Teresa Williamson of Newell/Levelor.

Labeling Task Group – Reported this TG is looking forward to the ballot discussions to be held in the Labeling Subcommittee meeting, and will be taking ballot comments back to Task Group along with information from the NFRC/Potomac Attachment Label consumer research that were shared on April 12 with the membership.

MOTION #1: M. Cienian / L. Winckler move to the Technical Committee to advance to the NFRC Board that the Attachments Subcommittee adopts the 6 existing Base Case windows in place for the NFRC Applied Films for use by all attachments in the NFRC 100A and 200A technical procedures. Motion Withdrawn.

MOTION: J. Gant/N. Petermann move to table motion#1. Motion passes by unanimous voice vote.

MOTION#2: N. Peterman / T. Marusak move to the NFRC Board the adoption of the Base Case windows in the current 100A ballot for use by all attachments, with the exception to applied films and DASD, in the NFRC 100A and 200A technical procedures. Motion passed by count of 30-16.

MOTION: J. Gant / D. DeBlock to bring back the tabled motion#1. Motion passes by unanimous voice vote.

e. Annual Energy Performance Subcommittee (T. Culp, J. Larsen) –

MOTION: T. Culp / D. DeBlock move to recommend that the Technical Chair ask the Ratings Chair form a task group under Ratings Committee to develop an annual energy rating. Motion passes by unanimous voice vote.

MOTION: T. Culp / D. DeBlock move to approve the revised scope of the AEP SC and to report to the Board. Motion passes by voice vote.

f. Condensation Resistance Subcommittee (K. Vilhauer, S. Harp) – reported that an editorial change to the scope from 500 UG to 501.

MOTION: K. Vilhauer / S. Harp move to approve the revised scope of the Condensation Resistance SC and to report to the Board. Motion passes by voice vote.

g. Air Leakage (C. Nolt (acting for M. Thoman, T. Rogers) – The NFRC 400-2010 ballot was sent back to TG.

MOTION: C. Nolt / D. DeBlock to move the Air Leakage Ballot as revised by the subcommittee for Board approval to be implemented upon publication. Motion passes by voice vote

Concern by B. Shah: This ballot has 2 sizes, one for NFRC and one for NAFS, There is a concern that the 2 sizes will have 2 different air leakage results.

MOTION: C. Nolt / S. Johnson move to forward to the NFRC 400 TI Ballot to the NFRC Board for approval to be implemented upon publication. Motion passes by voice vote

- h. U-factor Subcommittee (M. Thoman, M. Bhandari) - reported that a new TG formed, Sightline Grouping TG, formed jointly with the SHGC SC.

MOTION: S. Johnson / B Shah moved to forward to the Board the NFRC 100 Validation Matrix Ballot for approval and implement upon publication. Motion passes unanimous voice vote

MOTION: S. Johnson / B Shah moved to forward the NFRC 100 TI Ballot to the Board for approval and implement upon publication. Motion passes unanimous voice vote

MOTION: S. Johnson / B Shah moved to recommend to the Board that the language in the definition of Garage Doors in 100 be stricken per Staff recommendation, and implement upon publication. Motion passes by unanimous voice vote

MOTION: S. Johnson / B Shah moved that the footnote for SGD (XOX configurations represented by XO or XX, etc.) to the Board for approval and implement upon publication. Motion passes unanimous voice vote

- i. Solar Heat Gain Subcommittee (J. Larsen, B. Shah) –

Chair reported that a SHGC TG was requested to be formed to review the entire NFRC 200 document for omissions, additions, edits. SC will be looking for a chair and participants.

MOTION: B. Shah / C. Curcija moved to forward NFRC 200 Garage Door Ballot to the BOD for approval with implementation upon publication. Motion passes by unanimous voice vote.

MOTION: B. Shah / M. Manteghi forward NFRC 200 Garage Door TI Ballot to the BOD for approval with implementation upon publication. Motion passes by unanimous voice vote.

MOTION: B. Shah / M. Manteghi moved to recommend Board approval to remove Garage Doors from Sections 2.2.1.B and 2.2.2.B in NFRC 200 and include them as "Covered Products", and implement upon publication. Motion passes by unanimous voice vote.

- j. Component Modeling Approach Subcommittee (M. Manteghi) –

MOTION: M. Manteghi/ T. Culp moved to forward the CMA Complex Products ballot as modified (without Section 5.9.6.3.5) by the CMA Technical SC for NFRC 100 CMA section 5.9 to the Board for approval.

To amend the motion to advance the NFRC 100 CMA Complex Products ballot "without Section 5.9.6.3.1 on Spandrel Panels. Hold Section 5.9.6.3.1 pending review by task group. Motion passes by unanimous voice vote.

7. New Business

- a. Document cycle brought up by Jeff Baker, WESTLab informed the technical committee about this work and asked for membership to provide input.
- b. C. Curcija asked that a specific procedure be developed for Spandrel Panels and form a TG. Curcija's scope for this work is:

"Spandrel panels are often modeled by commercial window manufacturers and their performance is requested by architects and code officials, but there is no sanctioned NFRC procedure for them. Procedures used currently are inconsistent and often wrong.

Our proposal is to add spandrel panels to the list of standard products and to establish rules for validation and modeling, so we need guidance from the board how to proceed."

8. Adjourn at 12:39