



NFRC 2010 Spring Membership Meeting  
April 12-15, 2010, New Orleans, LA  
**ACTION ITEMS**

**Board of Directors Meeting  
ACTION ITEMS**

Thursday, April 15, 2010  
8:00 a.m. to 11:00 a.m.

Chair: *Joseph Hayden, Pella Corporation*

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1. **CALL TO ORDER:** Chair J. Hayden called the meeting to order at 8:01 am CDT.
2. **ROLL CALL:** The following voting members were in attendance: J. Hayden, S. Strawn, S. Farrar, J. Larsen, S. Kumar, N. Petermann, and T. Rygg. The presence of a quorum was noted. The following non-voting members were present: J. Benney, J. Baker, M. Falke, R. Karney, W. Lichtenberger, T. Culp, G. Stone, and J. Krahn. NFRC legal counsel S. Meza was also present.
3. **AGENDA APPROVAL:** The agenda was reviewed and approved as presented.
4. **SECRETARY APPOINTMENT:** S. Wendt and C. Gendron (NFRC Staff) were appointed recording secretary.
5. **COMMITTEE REPORTS:** Reports were presented as follows:

**A. Accreditation Policy Committee (M. Falke)**

M. Falke noted that there were six items of information to report to the NFRC Board of Directors; but no action items.

**B. Technical Interpretation Policy Committee (T. Culp)**

T. Culp reported that there were two action items and one item of information for the NFRC Board of Directors.

**ACTION ITEMS:**

**Action #1**

**Revision to TI-2009-07 Dual Seal Spacers**

Added 2<sup>nd</sup> question and interpretation to previously approved TI to clarify that spacers with more than one sealant material are automatically considered dual seal spacers when reporting spacer codes

**TI-2010-01 SHGC-VT 0 and 1 Tables** (Joint interpretation between TIPC and CPC)

When new glazing options are added to an existing matrix, clarifies that the initial SHGC / VT 0.00 and 1.00 tables shall be used for the entire certification cycle and only be updated upon recertification. This avoids the impractical situation of having to go back to change all previous ratings which used the initial table.

**MOTION:** It was moved and seconded (Culp / S. Strawn) that the NFRC Board of Directors move to approve TI-2009-07 and TI-2010-01. Motion passes by unanimous voice vote.

**Action #2:**

TI-2010-02 CMA Jambs

Clarifies that under CMA, the Cross Section Type for vertical jambs shall be “Jamb” and not “Vertical Meeting Rail” to aid use by ACE’s.

In addition to approving TI-2010-02, we need to provide direction on how to correct the 87 frames already in the frame library.

**MOTION:** T. Culp / S. Strawn moved to approve TI-2010-02 and TIPC shall convene to develop implementation plan. **Motion passes: 10-0-0.**

**C. Certification Policy Committee (S. Johnson)**

S. Johnson reported that there nine items of information for the NFRC Board of Directors but no action items.

**D. Research and Technology Committee (W. Lichtenberger)**

W. Lichtenberger reported that there were seven action items and nine items of information for the NFRC Board of Directors.

**Research Subcommittee:**

**ACTION ITEMS:**

**MOTION:** It was moved and seconded (W. Lichtenberger / T. Rygg) that the NFRC Board of Directors approve the Attached Awning Rating Research Final report and approve contractor payment. **Motion passes: 10-0-0.**

John Gant – Requested that the NFRC Board of Directors provide direction that the attached awning report be delivered to the Attachments Subcommittee.

**MOTION:** It was moved and seconded (W. Lichtenberger / G. Curtis) that the NFRC Board of Directors extend the CMA CR Research project completion deadline until the Fall 2010 Membership meeting. **Motion passes: 10-0-0.**

**MOTION:** It was moved and seconded (W. Lichtenberger / N. Petermann) that the NFRC Board of Directors approve the NFRC 703-Research Program Manual as modified by ballot and implement upon publication. **Motion passes: 10-0-0.**

**MOTION:** It was moved and seconded (W. Lichtenberger / G. Curtis) that the NFRC Board of Directors extend the TDD U-factor Research deadline until the Fall 2010 membership meeting. **Motion passes: 10-0-0.**

**MOTION:** It was moved and seconded (W. Lichtenberger / S. Strawn) that the NFRC Board of Directors extend the Window6 / Therm6 Validation Research Project deadline until the summer 2010 membership meeting. **Motion passes: 10-0-0.**

### **Glossary Task Group:**

#### **ACTION ITEMS:**

**MOTION:** It was moved and seconded (W. Lichtenberger / G. Curtis) that the NFRC Board of Directors approve NFRC 600-Glossary as modified by ballot and implement upon publication. **Motion passes: 10-0-0.**

It was noted that any term modified in the NFRC 600 shall result in the modification of all identical terms in other NFRC documents.

**MOTION:** It was moved and seconded (G. Curtis / T. Rygg) that NFRC staff review all NFRC documents for variation of definitions and report to NFRC Board of Directors any conflicts and where there are conflicts remove the definition from NFRC 600 and work with Glossary TG to resolve. **Motion withdrawn.**

**MOTION:** G. Curtis / T. Rygg moves to table Glossary motion. **Motion Passes: 10-0-0.**

### **Thermophysical Properties of Materials Subcommittee**

#### **ACTION ITEM:**

**MOTION:** It was moved and seconded (W. Lichtenberger / G. Curtis) that the NFRC Board of Directors approve the NFRC 101-Thermophysical Properties of Materials for NFRC approved Software as modified by ballot and implement upon publication. **Motion passes: 10-0-0.**

### **E. Regulatory Affairs and Marketing Committee (G. Stone)**

G. Stone reported that there were two items of information for the NFRC Board of Directors and no action items.

### **F. Technical Committee (J. Baker)**

J. Baker reported that there were 13 action items and five items of information for the NFRC Board of Directors.

### **Air Leakage Subcommittee**

#### **ACTION ITEMS:**

**MOTION:** It was moved and seconded (J. Baker / S. Strawn) that the NFRC Board of Directors approve the NFRC 400 Air Leakage Ballot to be implemented upon publication. **Motion passes: 8-0-2.**

**Note:** Staff will look into NFRC governing documents regarding the rounding of ratings values for Air Leakage ratings.

**MOTION:** It was moved and seconded (J. Baker / S. Strawn) that the NFRC Board of Directors approve the NFRC 400 – TI Ballot for implemented upon publication. **Motion passes: 10-0-0.**

### **CMA Subcommittee:**

#### **ACTION ITEMS:**

**MOTION:** It was moved and seconded (J. Baker / N. Pena) that the NFRC Board of Directors approve the CMA Complex Product ballots as approved at the Technical Committee to be implemented upon publication. **Motion passes: 10-0-0.**

### **Attachment Subcommittee:**

#### **ACTION ITEM:**

**MOTION:** It was moved and seconded (J. Baker / N. Petermann) that the NFRC Board of Directors approve the adoption of the Base Case windows in the NFRC 100A ballot for use by all attachments, with the exception to applied films and DASD, in the NFRC 100A and 200A technical procedures. **Motion passes: 9-1-0 (Hayden).**

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### **Solar Heat Gain Subcommittee:**

#### **ACTION ITEMS:**

**MOTION:** It was moved and seconded (J. Baker / S. Strawn) that the NFRC Board of Directors approve the NFRC 200 Garage Door ballot with implementation upon publication. **Motion passes: 10-0-0.**

**MOTION:** It was moved and seconded (J. Baker / S. Farrar) that the NFRC Board of Directors approve the NFRC 200 TI ballot with implementatoin upon publication. **Motion passes: 10-0-0.**

**MOTION:** It was moved and seconded (J. Baker / T. Rygg) that the NFRC Board of Directors approve the modification of the language in NFRC 200 for garage doors, section 2.2.1.B and 2.2.2.B from ‘not covered’ to ‘covered’ to be implemented upon publication. **Motion passes: 10-0-0.**

It was noted that a SHGC Task Group was formed to review the entire NFRC 200. The Task Group is inactive until the Task Group has a chair.

**MOTION:** It was moved and seconded (J. Baker / G. Curtis) that the NFRC Board of Directors approve Bipin Shah as Chair of SGH Subcommittee. **Motion passes: 10-0-0.**

B. Shah will solicit interested individuals to fill the Vice Chair position.

#### **Software Subcommittee:**

##### **ACTION ITEM:**

**MOTION:** It was moved and seconded (J. Baker / T. Rygg) that the NFRC Board of Directors approve Window and Therm 6 software for CMAST. **Motion passes: 10-0-0.**

#### **U-Factor Subcommittee:**

##### **ACTION ITEMS:**

**MOTION:** It was moved and seconded (J. Baker / S. Kumar) that the NFRC Board of Directors approve the NFRC 100 Validation Matrix Ballot to be implemented upon publication. **Motion passes: 10-0-0.**

**MOTION:** It was moved and seconded (J. Baker / T. Rygg) that the NFRC Board of Directors approve the NFRC 100 – TI Ballot to be implemented upon publication. **Motion passes: 10-0-0.**

**MOTION:** It was moved and seconded (J. Baker / T. Rygg) that the NFRC Board of Directors approve removing the language in NFRC 100 stating that “commercial garage doors are not allowed” with implementation upon publication. **Motion passes: 10-0-0.**

**MOTION:** It was moved and seconded (J. Baker / S. Strawn) that the NFRC Board of Directors approve that the footnote for SGD (XOX and OXXO configurations represented by XO or XX, etc.) previously in NFRC 100 documents and inadvertently removed be reinstated to Table 4-3 of NFRC 100 and implemented upon publication. **Motion passes: 10-0-0.**

#### **Technical Committee items:**

##### **ACTION ITEM:**

**MOTION:** It was moved and seconded (J. Baker / G. Curtis) that the NFRC Board of Directors direct the Technical Committee to investigate the feasibility of a technical procedure for Spandrel Panels. **Motion passes: 10-0-0.**

## **G. Ratings Committee**

S. Strawn reported that there were three action items and four items of information for the NFRC Board of Directors.

### **Labeling Subcommittee:**

#### **ACTION ITEMS:**

**MOTION:** It was moved and seconded (S. Strawn / T. Rygg) that the NFRC Board of Directors approve the NFRC 700-2010 FMC ballot and to implement upon publication. **Motion fails: 0-9-0.**

**MOTION:** It was moved and seconded (S. Strawn / T. Rygg) that the NFRC Board of Directors send NFRC 700-2010 FMC language back to Labeling SC for further investigation. **Motion passes: 9-0-0.**

**MOTION:** It was moved and seconded (S. Strawn / T. Rygg) that the NFRC Board of Directors approve a new date, January 1, 2011, for requiring a U-factor rating for Applied Films due to the necessary modifications of the Attachment Products Directory to accommodate adding the rating. **Motion passes: 10-0-0.**

### **CMA Subcommittee:**

#### **ACTION ITEM:**

**MOTION:** It was moved and seconded (S. Strawn / G. Curtis) that the NFRC Board of Directors approve the NFRC 705 CMA-PCP ballot and to implement upon publication. **Motion passes: 10-0-0.**

## **6. Adjourn**

There being no further business, the meeting was adjourned at 10:58 am CDT.