



NFRC 2010 Summer Membership Meeting  
July 19-21, 2010, Virtual

## Minutes

### U-Factor Subcommittee

Monday, July 19, 2010

*Under Technical Committee Block\*: 8:00 a.m. – 12:30 p.m.*

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

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

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1. Chair called the meeting to order at 3:58 PM- antitrust reminder given and reviewed voting requirements
2. S. Hanlon (NFRC Staff) was appointed recording secretary
3. The agenda was reviewed and approved as presented.
4. The minutes from April 2010 meeting in New Orleans, LA were approved as presented.
5. Reports
  - a. Tubular Daylighting Devices Task Group – Dave DeBlock reported that the TG is working on VT as stated in R & T and that U-Factor work they are finalizing the research and reviewing the findings.
  - b. Garage / Rolling Door Task Group – M. Thoman reported that there is a ballot to discuss for this SC.
  - c. Door Task Group – Staff reported that the group is working on the spreadsheet in and request that the simulation labs review the sheet. D. DeBlock provided insight on Phase II of the task to implement the findings in the approved software programs.
  - d. Testing Laboratory Task Group –M. Thoman reported that the TG will meet before the next meeting and has nothing to report. One topic of discussion will be the 2010 ILC.
  - e. Skylight Task Group – Roger LeBrun reported that there is nothing to report and no action items.
  - f. Sightline Tolerance Task Group – J. Hayden reported the scope of the TG and how the group is reviewing some query information.
6. Unfinished Business
  - a. None
7. New Business
  - a. NFRC 100 Garage Door Ballot  
Hunter Douglas; M. Cienian (5.5.1.A) - APC  
To be discussed by TG.  
WCMA; T. Marusak (5.5.1.A) - APC  
To be discussed by TG.



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**MOTION:** S. Strawn / D. DeBlock moved the language as balloted for approval and to be implemented upon publication. Motion passes by unanimous voice vote. ([See Motion #1](#))

**NOTE:** The Garage Door TG shall look at the APC and the size issue discussed for future business.

b. NFRC 100 Sash Kit Ballot

J. Baker announced that S. Strawn will chair a task group for this issue. M. Thoman approved the TG and will provide all negatives and comments to the TG for review.

c. NFRC 100 Table 4-3 Wall and Sloped Glazing Ballot

**MOTION:** N. Pena / S. Strawn moved to forward the NFRC 100-Table 4-3 footnote ballot forward to Technical for approval and to be implemented upon publication. Motion passes by majority hand vote. ([See Motion #2](#))

d. B. Shah requested that Test Lab TG look at the emissivity questions raised in the 2007 ILC under consideration

e. B. Shah requested that the TDD TG to look at the differences between the 100 and 102 calculations.

8. The meeting was adjourned at 4:30 PM



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Motion #1  
*Garage Door Ballot*

**Yea**

**Nay**  
No hands raised

The screenshot shows a window titled "Attendee List (105 | Max 1001)". It has two tabs: "Attendees (95)" and "Staff (10)". The "Attendees" tab is active, showing a list of names under the heading "NAMES". Each name is preceded by a hand icon, indicating a vote. Most icons are raised (yellow), representing a "Yea" vote. There are a few icons that are not raised (green), representing a "Nay" vote. At the bottom of the window, there are buttons for "Mute All", "All", and "Invite Others", along with a search bar.

Hand Icon	Name
👤	M-HunterDouglas, T. Marusak
👤	M-HunterDouglas, R. Simons
👤	M-ODL, D. De Block
👤	M-Rygg, T. Rygg
👤	Charlie Curcija
👤	M-Marvin, J. Krahn
👤	M-ASE, N. Petermann
👤	M-WFA, D. Smith
👤	M-Jeld-Wen, S. Strawn
👤	M-BirchPoint, T. Culp
👤	M-Sunrise Windows, S. Haubert
👤	M-NCTL, S. Coble
👤	M-Pella, J. Hayden
👤	M-CaEnergyComm, N. Pena
👤	M-Southwall Technologies, J. Me...
👤	M-TruSeal, W. Lichtenberger
👤	M-Twitchell, G. Webb
👤	M-J&A Windows, J. Terrazas
👤	M-RollacShutter, S. Poetsch
👤	M-Keystone, M. Falke
👤	M-Velux, R. LeBrun
👤	M-Sunergy, W. duPont
👤	M-WESTLab, J. Baker
👤	M-StorkTwinCity, B. Amberg
👤	Benson, C. Best

Majority hand vote



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Motion #2

NFRC 100 Table 4-3 CW

**Yea**

**Nay**

No hands raised

Attendees (96)		Staff (10)	
			NAMES
			M-Sunergy, W. duPont
			M-HunterDouglas, R. Simons
			M-HunterDouglas, T. Marusak
			M-ODL, D. De Block
			M-ASE, N. Petermann
			M-IFWA, D. Smith
			M-Jeld-Wen, S. Strawn
			M-NCTL, S. Coble
			M-Kolbe&Kolbe, S. Schreiber
			M-AAMA, K. Brenden
			M-Hurricane, L. Turner
			M-Keystone, M. Falke
			M-Pella, J. Hayden
			M-Sunrise Windows, S. Haubert
			M-Velux, R. LeBrun
			M-BirchPoint, T. Culp
			M-ProVia, C. Nolt
			M-Marvin, J. Krahn
			M-TruSeal, W. Lichtenberger
			M-WESTLab, J. Baker
			M-Simonton, T. Jenkins
			M-Southwall Technologies, J. Me...
			M-TRACO, S. Kumar
			M-CaEnergyComm, N. Pena
			M-Air-Ins, G. Riopel
			M-Twitchell, G. Webb
			M-WDMA, J. McFee
			M-J&A Windows, J. Terrazas
			M-CARLI, C. Curcija
			M-RoyalGroup, M. Pepin
			Benson, C. Best
			Christian Mitchell
			D&R Intl., E. Zachery

Majority hand vote