



NFRC New Member Orientation

***NFRC Fall Meeting
November 16, 2009
San Antonio, TX***



Who is NFRC ?

Independent, non-profit, public / private organization created by the fenestration industry, to service the public good through education and research.



Fenestration defined as any openings in a building envelope – such as windows, doors & skylights.



NFRC's Vision

NFRC is the recognized global leader of energy-related performance rating and certification programs for fenestration products.



NFRC's MISSION

NFRC develops and administers energy-related rating and certification programs that serve the public by providing fair, accurate and credible information on fenestration performance.



Why Rate Fenestration Products?

- Provides means for a fair comparison
- Help consumer to make informed decisions
- Help meet the code requirements
- Provides a base line for developments and product improvement
- Promotes energy efficiency
- National / International harmonization



What does NFRC Rate ?

- Energy performance ratings:

- Required Ratings

- U Factor
 - Solar Heat Gain Coefficient
 - Visible Transmittance

- Voluntary Ratings

- Air Leakage
 - Condensation

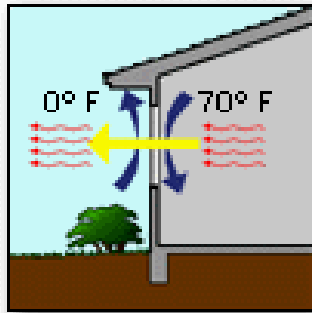


NFRC's Structure

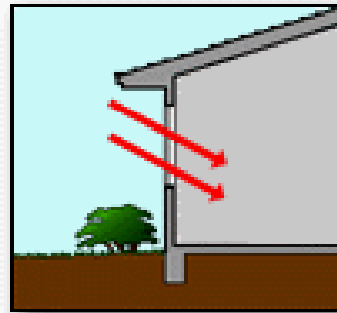
- 501(c)3 – public interest
- Board of Directors
 - Voting: 5 industry; 1 lab; 6 public interest
 - Ex-officio (DOE; Ombudsman; NFRC Exec; chairs)
 - 3 standing committees (policy)
- Membership
 - Ratings
 - Technical
 - Research and Technology
 - Regulatory Affairs and Marketing



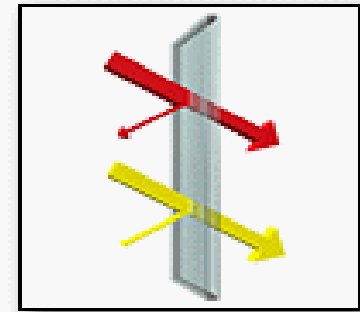
Energy Performances Rated



U-Factor*



Solar Heat Gain*



Visible Transmittance*



Condensation Resistance



Air Leakage

* Required

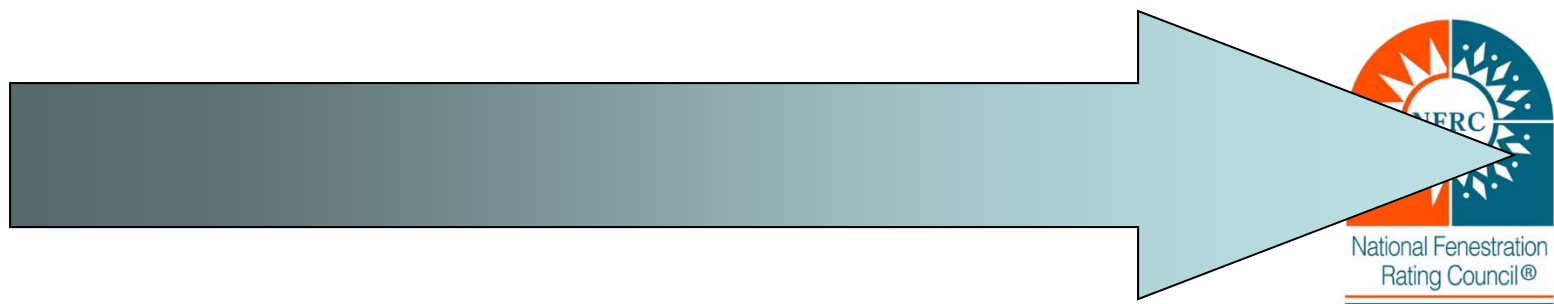
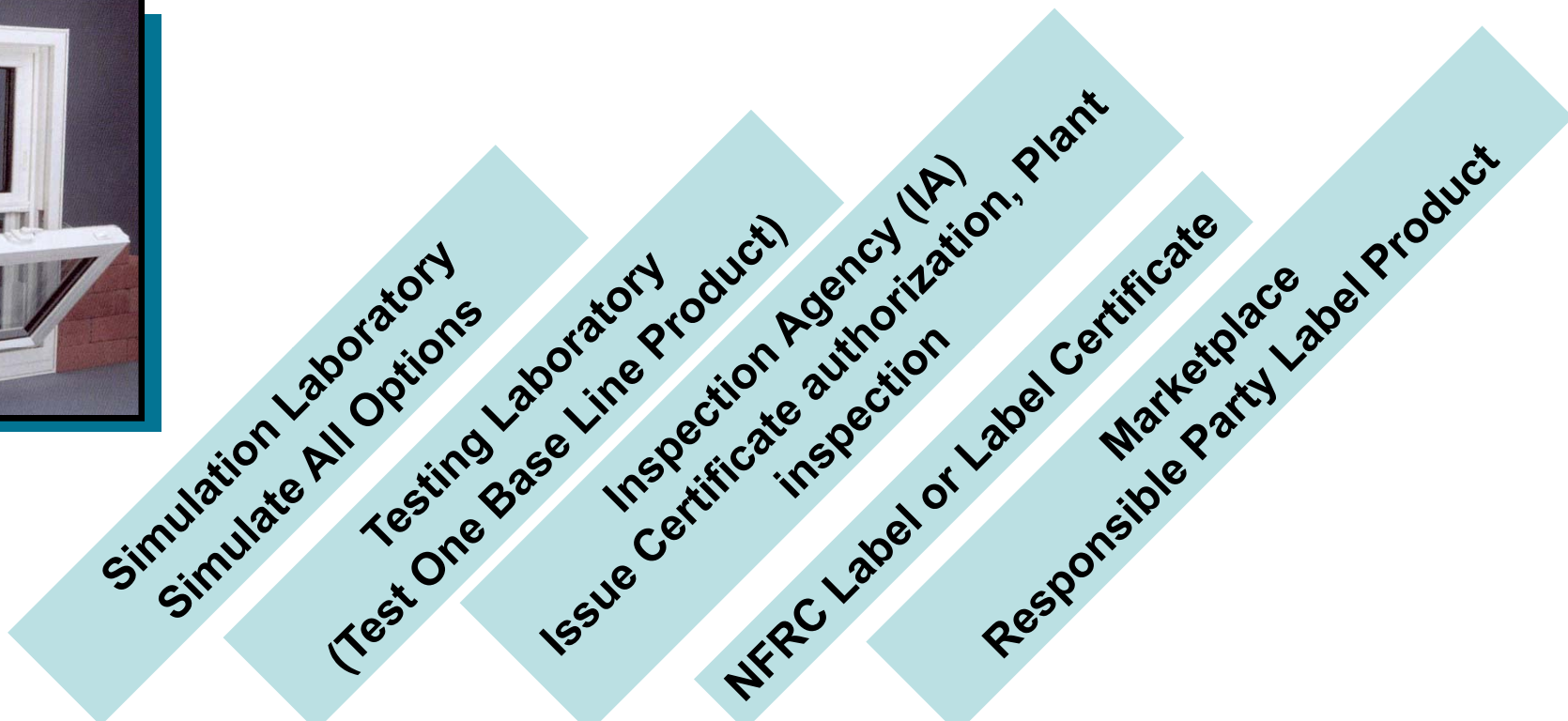


Product Types Rated

- Per Table 4-3 of NFRC 100
 - Window, doors, and skylights
 - Public search via Certified Products Directory (CPD)
- Per NFRC 200
 - Applied Films
 - Public Search via Attachment Products Directory (APD)




The NFRC Rating Process



 <p>World's Best Window Co. Millennium 2000+ Vinyl-Clad Wood Frame Double Glazing • Argon Fill • Low E Product Type: Vertical Slider</p>					
<p>ENERGY PERFORMANCE RATINGS</p> <table border="1"> <tr> <td>U-Factor (U.S./I-P)</td> <td>Solar Heat Gain Coefficient</td> </tr> <tr> <td>0.35</td> <td>0.32</td> </tr> </table>		U-Factor (U.S./I-P)	Solar Heat Gain Coefficient	0.35	0.32
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NFRC Label

NFRC Label Certificate
(For Buildings with 10000 sq ft. of glazing area)

 <p>World's Best Window Co. Millennium 2000+ Vinyl-Clad Wood Frame Double Glazing • Argon Fill • Low E Product Type: Vertical Slider</p>					
<p>NFRC Label Certificate (for Site-Built Products)</p>					
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<p>PROJECT LOCATION</p> <p>Street address: _____</p> <p>City, state, zipcode: _____</p> <p>Project name (optional): _____ Designer (optional): _____</p>					
<p>PRODUCT LINE INFORMATION</p> <p>Operator type (per NFRC 100, Table 1): _____</p> <p>Product line ID number: _____ Individual product ID number: _____</p> <p>How many of this individual product: _____ Location in building: _____</p> <p>Elevation drawing page: _____ Fenestration (window & door) schedule page: _____</p>					
<p>FRAME MATERIAL SUPPLIER</p> <p>Company name, address: _____</p> <p>City, state, zipcode: _____</p> <p>Contact person, phone & fax number: _____</p>					
<p>GLAZING MATERIAL SUPPLIER</p> <p>Company name, address: _____</p> <p>City, state, zipcode: _____</p> <p>Contact person, phone & fax number: _____</p>					
<p>GLAZING CONTRACTOR/INSTALLER</p> <p>Company name, address: _____</p> <p>City, state, zipcode: _____</p> <p>Contact person, phone & fax number: _____</p>					
<p>CERTIFICATION AUTHORIZATION</p> <p>Independent Certification and Inspection Agency (IA): _____</p> <p>Date Certification Authorization issued: _____</p>					

Ratings on the Horizon

- IG Certification
 - Products labeled must have IG Certification starting July 2010
 - IGC Directory on NFRC website which lists participating IG Programs:
<http://www.nfrc.org/IGCertification.aspx>
 - IG FAQ and Discussion Board



Ratings on the Horizon

- Attachments
 - Chair: Michael Cienian of Hunter Douglas
 - Working diligently that past 2 years
 - Recommend attending Attachments Roundtable
 - Crystal Ballroom under Attachment block
- Component Modeling Approach (CMA)
 - Staff Liaison: John Lewis and Jessica Ferris
 - Alternative method to site-built
 - Currently under a Pilot Project and
 - scheduled for implementation
January 2010



NFRC Membership



- Consumer Trust
- Cutting Edge Information
- Your Voice will be Heard



NFRC Membership

- Save your Organization Money
- Grow your Career
- **Why are YOU a member?**
- **What can NFRC do for your Organization?**



Why do we have NFRC Meetings?



Mission Driven:

- NFRC meetings are held for the purpose of developing NFRC standards and programs.
 - Technical Document Review*
 - New Program Evaluation & Development*
 - Research & Development Dissemination*
 - More....*

Membership Driven:

- The NFRC is a membership organization that values deeply the contribution of its diverse membership.
 - Membership & other stakeholder input*
 - Networking & Information Exchange*
 - Leadership Opportunities*
 - More....*



NFRC Meeting Structure -

Yearly:

- **In Transition: 2009 - 2011**
 - *2009 & Past:*
 - *Three times per year,*
 - *Rotate throughout the country*
 - *Spring, Summer, Fall*
 - *2010 –*
 - *Replace Summer - Virtual Meeting*
 - *2011 –*
 - *Committee Week in the Spring*
 - *Virtual Summer*
 - *Fall Membership*



NFRC Meeting Structure -

At the Meeting:

- **Annual Membership Meetings -**

- *Task Groups if needed*
- *General Session*
- *Committees Report to the Attendees:*
 - *Policy Committees & Regulatory Affairs & Marketing*
 - *Committee Work in Blocks*
 - *Subcommittees meet*
- *Board Level Discussions: Open & Closed*
- *Networking & Information Exchange*
- *More....*

- **Virtual & Committee Week - Meetings -**

- *Committee Work in Blocks*
 - *Subcommittees meet*
- *Board Level Discussions: Open & Closed*
- *Networking & Information Exchange*
- *More....*



NFRC Meeting Involvement- Task Groups:



NFRC Definition & Purpose:

Task groups are formed by chairmen of the subcommittees from members and non-members and are responsible for researching and developing specific issues presented to them by the chairman. Task Group findings and recommendations are reported to the Subcommittee responsible for its formation. Task groups are dissolved at the conclusion of their mission.

Requirements and Details:

- Meet via conference & web between onsite meetings
- All interested public welcome to join and participate.
- No NFRC membership or attendance requirements to be listed or participate as member of an NFRC Task Group.
- If interested in participation – name must be given to Chair of the task group



NFRC Meeting Involvement-

Subcommittees:

NFRC Definition & Purpose:

Subcommittees are formed from the membership the discretion of the appropriate Committee Chairman and with the approval of the Board of Directors. They are responsible for tasks given to them by the Committee as they relate to the development of specific programs or procedures. Subcommittee findings and recommendations are reported to the Committee responsible for its formation.

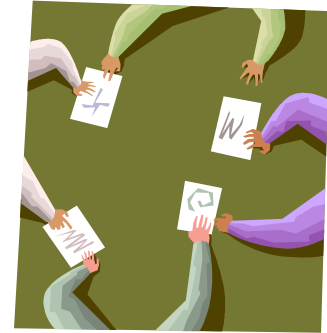


NFRC Meeting Involvement-

Subcommittees continued...:

Requirements and Details:

- NFRC Membership qualifies for one vote per Subcommittee - ALL voting members of the NFRC are automatically subcommittee members and allowed ONE VOTE per company at the subcommittee level.
- Ballots are issued via the NFRC website (www.nfrc.org) and voted on prior to NFRC Membership meetings – subcommittee membership qualifies one to vote on these ballots. (One vote per member company)
- Subcommittee meetings held at the NFRC Membership Meetings often hold final votes for balloted items.
- All voting members present are qualified to vote regardless of previous meeting attendance.



NFRC Meeting Involvement-

Committees:

NFRC Definition & Purpose:

Committees are mandated by the Bylaws or formed at the direction of the Board of Directors from the membership. They are generally responsible for the establishment of NFRC procedures and programs which are presented to the Board of Directors for final approval before implementation.

Members Appointed by Board:

- Accreditation Policy Committee
- Certification Policy Committee
- Technical Interpretations Policy Committee

NFRC Member Supported:

- Regulatory Affairs and Marketing Committee
- Research and Technology Committee
- Technical Committee
- Ratings Committee



NFRC Meeting Involvement- Committees continued....:

Requirements and Details:

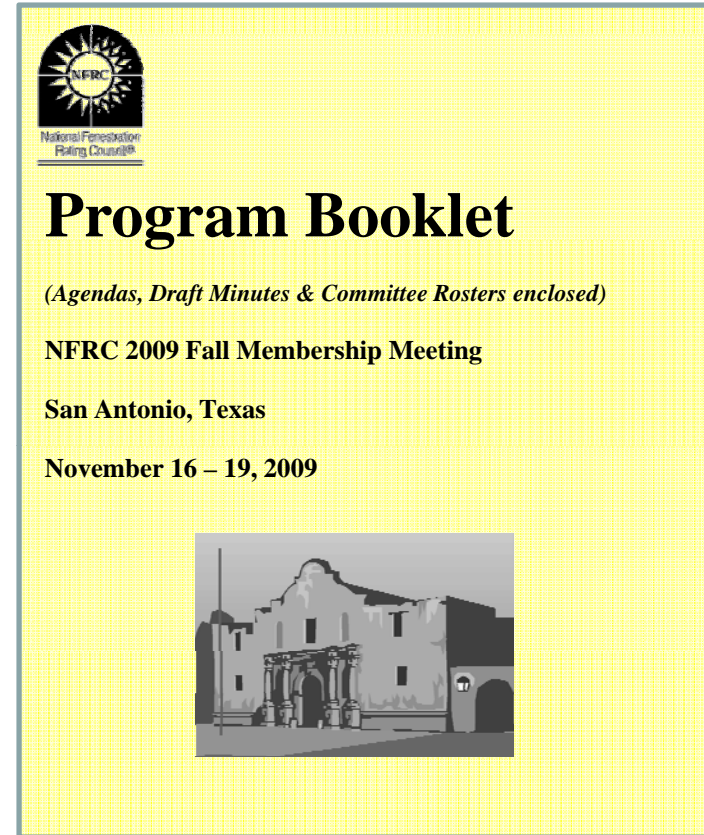
- NFRC Committee Rosters (aka Committee Membership) are either BOARD appointed or are made up of interested member companies (Companies paying dues for NFRC Membership).
- To JOIN Member Supported COMMITTEE – Member must attend one meeting - signing the roster being sure to mark interest in having name added to the roster (becoming a voting member of the committee).
- Only one vote is allowed per NFRC dues paying Member Company.
- Member Name/Company Name will be added to the Committee Roster at the next meeting.
- Member Name/Company Name will be DROPPED from Roster if Representative misses TWO CONSECUTIVE COMMITTEE MEETINGS (fails to sign the roster as present)
- All current committee rosters are posted on the NFRC website prior to committee meetings for membership review.



NFRC Meeting Program Book

Tools You Can Use:

- Schedule
- Special Events/Notes
- Agendas, Rosters, Draft Minutes
- Staff Directory
- Anti-Trust Compliance
- Duties of Meeting Chairpersons
- Duties of Members at Meetings
- Getting Involved
- Acronyms/Terminology
- Sponsor Information
- Pre-Registration Listings
- Facility Map



THANK YOU!

Questions?

Joseph Hayden
NFRC Chairman of the Board
jahayden@pella.com

Jim Benney, CAE
NFRC Executive Director
jbenney@nfr.org

Scott Hanlon
NFRC Senior Programs Manager
shanlon@nfr.org

Cheryl L. Gendron
NFRC Meeting Manager
cgendron@nfr.org

www.nfr.org

