



Technical Interpretation Policy Committee

April 13, 2006

1:00 pm – 2:00 pm

Chair: William Lingnell, Lingnell Consulting Services

Vice Chair: Randy Van Voorst, Quality Testing, Inc.

Staff Liaison: Bipin Shah

Roll call

COMPANY	NAME	SIGNATURE
Lingnell Consulting Services/ IGMA	William Lingnell, Chairman	-
Quality Testing, Inc.	Randy Van Voorst (Vice-Chair)	x
Architectural Testing, Inc.	Mike Thoman	
WESTLab	Jeff Baker	x
Milgard Manufacturing, Inc.	Bill Gorman	-
Jeld Wen	Steve Strawn	x
Carli	Charlie Curcija	x

Other: Joe Hayden (Pella), Shelia Gore, Werner Lichtenberger

Staff: Bipin Shah

Randy Van Voorst, chaired the meeting in abstains of the Chair. He recognized Werner Lichtenberger to discuss his issue of spacer component replacement. Werner: initiated the discussion with TIPC members regarding the spacer component substitution to explain his situation and concern. After discussion he agreed to work with TIPC members to resolve the issue.

- Approval of minutes, March 15, 2006 conference call. (Jeff, Steve Vote: 4-0-0)

Pending Business:

- 1) **TIR-2004-07** request from Carli-MA: Which Center-of-glazing value is used for the determination of Frame, Spacer and Divider grouping?

Interpretation:

For determination of the frame, spacer and divider grouping, use the lowest center-of glazing option from the Product Line. Should the Lowest center-of-glazing option be included in a group then the group leader option shall be used to determine the frame, spacer and divider grouping.



Minutes

Vote: Charlie, Jeff – 4-0-0.

New Business:

- **TIR-2004-08** request from Joe Hayden (Color for between glazing shading)

Question:

When rating dynamic glazed products with between-glass shading devices for U-Factor and SHGC, can a single color of shade be used as a group leader to represent all other colors, provided the type of shade is the same?

Proposed TIPC Interpretation language for U-factor and SHGC sub-committee ballot:

“Yes.

For U-Factor, this is consistent with Section 4.2.5.F.i of NFRC 100 which allows glass types of varying tints to be grouped.

For SHGC, this is consistent with Section 4.7.A.iii of NFRC 200 which provides for default frame and divider absorptance values.”

Action:

TIPC recommended to forward the TIR to U-factor and SHGC subcommittee to be address the issue as the committee felt the interpretation would be creating new language. TIPC offered to review and write the ballot language.

- **TIR-2004-09** request from Joe Hayden (Grouping of OPEN shades between glazing).

When rating dynamic glazed products with between-glass shading devices for U-Factor and SHGC, and the shading device is retractable, can the product be rated in the OPEN position by computer simulation?

Interpretation:

Yes, shading device shall be ignored provided that the fully retracted shading device occupies no more than 45mm (1.75 in.) of the daylight opening as measured from the site line.

If the fully retracted shading device occupies more than 45mm (1.75 in.) of the daylight opening as measured from the site line than product shall be simulated as an individual product within a product line.

(Note: based on OAVA in section 4.2.2.c of NFRC-100-2004).

Vote: Steve Strawn, Charlie: 4-0-0.



Next TIPC call May 12 at 1:00 pm ET.

Adjourn

SCOPE

The NFRC Technical Interpretations Policy Committee (TIPC) will provide oversight and clarification toward the implementation of NFRC's Technical Procedures. Its mission includes, but is not limited to:

- *Developing Technical Interpretations to any adopted NFRC Technical Procedure, or which cross cut Technical Procedures, with input from interested members and program participants and consistent with the intent of the original procedure(s);*

- *Reviewing Technical Memorandums of technical questions from program participants which do not require TIs, as decided by the TIPC;*
- *Working with staff and the Technical Committee to ensure that the Simulator's Workbook is current and consistent with adopted procedures and TIs.*