

Exterior Attachments Task Group

Friday September 5, 2008

2:30 P.M. – 3:45 P.M.

Char: Fred Higgins, Wayne-Dalton Corp.

1. Call to Order:

Chair called to order at 2:05 P.M. Antitrust reminder was given and roll call taken. Marcia Falke agreed to take minutes. The following were on the call: C. Curcija, D. Wacek, D. Goldenberg, F. Higgins, J. Jonely, J. Gant, K. Hagland, M. Falke, R. McCluney, S. Harp, W. duPont, D. Anderson, S. Hanlon and R. Lebrun.

2. Review and Approve Agenda:

Meeting agenda was reviewed and approved.

3. Unfinished business from last call:

- a) Schedule: Fred would like to get a ballot out shortly after the November membership meeting. What do we want on the ballot? We should start a list. Do we want to do an Approach Document.?
- b) New Products: Three POQ's have been accepted from the following – Wayne Dalton (Fabric Shield, Dec. 07), Armor Screen (Woven Flexible Transparent Geo-Synthetic Monofilament Screen Material, 7-17-08) and Preferred Engineering and Magic Windows (Retractable Solar and Insect Mesh, 7-17-08). What is covered in W6?
- c) Next Steps: Window 6 will be able to deal with exterior co-planar shades. Should we rate on a base case window? Should we use same as attachments and/or should we use same as interior attachments. Fred will work with the Interior TG that is looking at base windows.
- d) NFRC 100 & 200: Need to look at Table 4.3 and determine sizes. Also need to look at definitions for Product line and Individual Product. Also need to look at Window 6 – what does it cover, what is close to being covered. We need to be able to compare ratings for external and internal products. John Gant and Fred Higgins are part of Internal product TG and Marcia Falke will take part in Internal TG looking at 100 and 200 issues.

Note:

The following details some W6 info that was discussed in another meeting:

Window 6 rating capabilities

- *Numerous colors, weaving patterns, etc. – NFRC needs to figure out what can be grouped so that not every possible permutation is modeled (an RFP to study this is probably needed)*
- *Venetian blind's slat angle – possibly model the slats completely open or closed (the results from both calculations will need to be stored in the database). In the future, NFRC may decide to add some other slat angles, such as 45, 60, etc, since that is the feature of venetian blinds that is so useful for users*
- *Incident light angle – possibly model the venetian blinds (and other shading systems also) at normal incidence. This is not a particularly interesting angle for venetian blinds, particularly if the slat angle is something more than 0 or 90.*
- *Number of panes – WINDOW 6 is currently capable of modeling 5 layers (including both glazing and shading). We could add the capability to add more if required, since there has been the request to model a 6 layer glazing system (not including shades).*
- *E+/DOE2 input file storage – this issue has come up a number of times, i.e., California Energy Commission have requested WINDOW 6 input files which can be used with EnergyPlus and DOE2. This is helpful so users can use the files for simulations, which is how some fraction of building owners comply with the California Energy Standards. The best way to store this data has been discussed but nothing has been finalized.*

- **New Business:**

None

- **Scheduled Conference Calls:**

September 17 at 2:30 Eastern

October 1 at 2:30 Eastern

October 15 at 2:30 Eastern

October 29 at 2:30 Eastern if needed

- **Meeting adjourned at 3:45.**

Respectfully submitted by Marcia Falke