

Meeting Notes
NFRC Interior Attachments Task Group
Conference Call
8-26-2008

Attendees:

Dennis Anderson, Thomas Morrissey, William duPont, Mike Cienian, Robert Simons, Sanjiv Malkan, Scott Hanlon, Scott Pauley, Ross McCluney, John Gant, Chad Bolin, Kenny White, Michael Resech, Dan Johnson, Marles McDonald, Ross DePaola, Bart Hensley, John McFee, Gilbert Riopel. Charlie Curcija

Notes:

- Mike Cienian opened the meeting with a Role call
 - Antitrust statement was reiterated
 - Agenda was reviewed with no additions made
 - Shared an overview of the TG progress to date, goals and scope for the new attendees
- Willie duPont – explained the base case window part of the TG whole product system of rating.
 - Using the base case reference window and a whole product system has set the basic direction of the TG with regard to developing the technical procedures for determining rated values.
 - Discussed the base case window table and how the film groups reference windows were incorporated.
 - Reviewed “simple” window cross section graphic
 - Kenny White was concerned with the proposed dimensions for the casement – the depth may not be adequate to mount larger shades.
- Mike Cienian – there is one Work Group (WG) currently formed within the TG – this is the Base Case Reference Window WG headed up by Willie duPont and Ross McCluney
 - Kenny White opted into this WG
- Mike Cienian stated that the TG’s next step was to establish 2 new WG’s – one for developing the technical procedures for an Interior Attachments version of NFRC 100 (for U-Factor) and a similar one for NFRC 200 (SHGC)
 - Mike recommended Rob Simons to chair the NFRC 100 WG – there were no objections. Rob will chair the Interior Attachments NFRC 100 Work Group.
 - Willie duPont – stated that we needed an overview of the NFRC process for grouping products in an effort to reduce the complexity of the overall ratings and simulation process.
 - Ross DePaula described in general the process
 - Operator types (OT) are established and from there product lines (PL) are developed.

- Products are placed into the OT and PL based on a set of differentiation rules.
 - A product that is substantially differentiated from others may need a new PL
- The rules for grouping product for U factor will not necessarily apply to grouping products for SHGC
 - Example – 2 Low e windows, NFRC would take the worst to represent the group for U factor, but the SHG of the worst U factor could be much better than the SHG of all the other windows in the U factor group.
 - This warrants a different grouping methodology for SGH
 - SGH uses divider dimensions as a rule for grouping the windows
- Frame color/finish can also affect the performance of a window and may need to be included in the rules
- This also applies to interior attachments and the various colors/finishes used in them
 - Marles McDonald cautioned the TG that too much generalization for group can diminish the industry's ability to differentiate between products and that we should be careful of we develop and apply the rules.
- Mike Cienian asked who would assist the WG from the NFRC side
 - Marles McDonald and Ross DePaula volunteered to assist on both the 100 and 200 WG
- John Gant volunteered to chair the 200 WG – he expressed some concern over his current obligations within the Exterior attachments TG, but it was noted that some of the work here would most likely be transferrable and useful to the exterior attachments teams.
- John was accepted as the 200 WG chair, and will chair the Interior Attachments NFRC 200 Work Group.
- Mike Cienian stated that some early deliverables from the WG would be
 - Scope statements
 - A version of “Table 1” for each WG – dimensions/tolerances
 - Documentation for review by the TG and for review by the Sub Committee
 - Per suggestions from the attendees, the Work Groups will attempt their first tasks via email instead of more conference calls
- Mike Cienian will send the Product Category list out to the WG members and Willie duPont will send the Base Case Window table and cross section graphics out to the WG members
- Mike Cienian summarized the meeting key points and deliverables
- Next Task Group meeting is scheduled for September 10th, 2008 at 5:00pm Eastern Time
- The meeting was Adjourned