

Notes, Awning Task Group, Thursday, June 03, 2010

Chair John Gant (Glen Raven) called meeting to order at 4:10 pm EDT.

In attendance: J. Lewis, J. Gant, R. McCluney, W. du Pont

Chair Gant reviewed the anti-trust reminders

Business of the Meeting:

1. Review of scope
2. Brief report on Awning Research presentation
3. Report on Board review of original Awning rating application and official acceptance of projecting awnings for official energy performance rating development within NFRC – POQ
4. Status of Fabric Evaluation and LBNL - *Mike Rubin has posted an excel spreadsheet on a Google share site showing fabrics being worked on by Berkeley students to run his equipment around the clock to measure optical properties. This is making good progress. Manufacturers have been instructed by John Gant to check the spreadsheet and make corrections and additions. The idea of new standard for measuring fabric optical properties is being pursued through an Optical properties working group chaired by Rob Simons with Ross and Mike as members to create a new standard to measure fabrics. Could lead to a new ASTM standard. . Ray McGowan chairs E4405 at ASTM and is ready to put this into a document, if the draft can be prepared and edited and finalized by the new working group.*
5. Work ahead (*due to minimal attendance of task group members, Section 5 not covered in detail*)
  - A. Technical - Metric development – questions posed by research:  
For a Shading Effectiveness (SE) type number:
    - i. One/Many/All/Solar Directions with/without Diffuse Sky
    - ii. Window Orientation
    - iii. Winter/summer/annual average
    - iv. With or without base case window
    - v. Climate Zones/Latitudes*These decisions require some research*
  - B. Software simulation tools
    - vi. Window
    - vii. EnergyPlus/DOE2
    - viii. Radiance
  - C. *Requiring some additional research* NFRC standards, labels, etc., all have to be worked out though the NFRC process
  - D. NFRC business case & auditing and labeling program
6. New Business:
  - Willie du Pont discussed expanding the Awning References database document; du Pont to review emails on this subject, improve report format and include additional information so final report has further information about what is in the database.

du Pont continued by stating the next step is to organize the other 'remnants' of requested information and data that was provided for the research; a database was suggested as the most proper mechanism to house this information. McCluney stated that the database might also include additional co-planar shades-related information beyond what is already in there (but this co-planar information is not intended to be a complete reference). du Pont volunteered to maintain this database for the foreseeable future.

Regarding the final research report: this has not been posted on the NFRC website, but is available from PAMA; NFRC plans to make this report available at some point later in the year.

du Pont plans to send out a 'thank-you' letter to those who supplied documents for the research paper which will include instructions on how to obtain the Report.

- Chair Gant stated that another meeting would not be scheduled at this time; he would concentrate on ways to improve attendance in the meantime.

Adjournment. There being no further new business, the meeting was adjourned at 4:50 pm EDST.