

**NFRC Awning Task Group -
August 27, 2009 – 4 pm**

Conference Call Meeting Minutes

Attendees: Willie duPont
John Gant
Craig Dasse

Ross McCluney
John Lewis
Carlos McEntire

Margaret Cook
Don Smallwood

1. Antitrust reminder
2. Development of fabric list for Awning products.

A generic fabric list is needed for research not only by Ross, but also by LBNL. This task group needs some members to attend the Optical Properties work group meeting next week, to be chaired by Tom Morrissey. John, Carlos, Don, and Craig will attend.

3. Discussion was held on these requests from Ross McCluney for work on the Awning Research Project:

1. I need a table with sketches, illustrations, photographs, or figures plus short descriptions representing all the geometrically different shapes for everything considered a projecting awning. Dimensions and placement relative to a window would be helpful, including any applications you know of where the window is not rectangular, like a triangular, oval, or circular one. Attached are the drawings I have, in case you can extract any of them and use them. Be sure to include awnings with rounded frames and nonlinear edges. Those drawings were created by the graphic artists at FSEC so should not have a copyright.

The product table developed by the ATG with 4 categories of fenestration awnings was provided. Seashell awnings described a variation. Ross will receive information from manufacturers, and also seek information on any other variations through web searches.

2. I need another table giving all the different types of coverings, categorized something like
 - a. Solid opaque metal or other rigid material, all opaque (no light gets through)
 - b. Louvered or vented versions of a.
 - c. Screens using opaque fibers or threads and identifiable holes or openings between the threads. A subcategory of this could be perforated metal.
 - i. Perhaps we could distinguish between “welded” threads and woven ones
 - ii. I’d also like to distinguish between single-thread weaves and multiple ones, like I see on some shade fabric, where two or three threads are woven together, then a space, then another two or three threads, etc. Both on warp and weft or on either.
 - d. Screens like c. but with translucent fibers or threads separating the open areas, again with subcategories i. and ii. if they exist in the marketplace for these screens
 - e. Fabric with translucent fibers. (I assume no fabric uses truly opaque threads or cords in the weave.)***Manufacturers will send product literature for awning cover materials to Ross in Chattanooga. Information on valances will be shared. John will send a copy of the PAMA Fabric Specification Guide. Willie requests that NFRC host a secure website for information database for the research project.***

3. Finally, if you can have a letter or numerical categorization of either 1 or 2 above, it would be helpful to prepare a cross-reference table: Which materials in 2 are found with awning types listed in 1 above.

4. The next meeting will be Thursday, September 17th at 3 pm Eastern time.

- *Respectfully submitted by John Gant*