

## NFRC Exterior/Interior Attachments combined TG meeting notes

Meeting date – 5-27-2008

Role call –

Andy Rittenhouse	Bipin Shah
Rob Simons	Andrew Caldwell
Tom Morrissey	Kara Stoddard
Dennis Anderson	Dan Wacek
Joe Jonely	Roger LeBrun
John Lewis	Tom Merker
Mike Rubin	Kim Eger
Ross McCluney	Todd Stratmoen
John Gant	Willie DuPont
Brian Johnson	
Sanjiv Malkan	Mike Cienian

Points of discussion:

- Mike Cienian - Call to order
- Mike Cienian - Anti trust reminder was given
- Mike Cienian – Agenda reviewed and accepted (no changes requested)
- John Lewis – introduced himself as new NFRC liaison to the Attachments sub committee and author of the NFRC attachments business plan
- Mike Cienian – Requested brief update from John Lewis on the current status of the business plan relative to attachments. John Lewis agreed to give an informal update at Baltimore
- Mike Cienian - Reviewed the six points that the board of directors outline relative to guidance for the Exterior/Interior Attachments TG.
  - Rate all products independently
  - Use existing NFRC structure and processes
  - Develop new trademark/Logo
  - Allow attachments to different rating label
  - Develop separate standards documents
  - Develop attachments PCP document
- Ross McCluney – asked what was the purpose of the technical documents.
- Bippin Shah – Asked for clarification from the board as to whether attachments is supposed to develop actual stand alone standards documents. If so what would be the naming and numbering scheme
- Willie DuPont – the intent is to mirror the NFRC 100 document – we should move forward as separate documents and see how it fits.
- Sanjiv Malkan – asked for a date when we would know for sure what format the Attachments standards should be presented in.

- Mike Cienian – suggested that this be tabled for later discussion – no objections
- Bipin Shah – stated that we needed to submit a ballot to the NFRC 600 TG for inclusion of our proposed definitions.
- Rob Simons reviewed the proposed NFRC 100 document and the proposed definitions for NFRC 600
- Mike Cienian – stated that the TG needs to submit any requested revisions to the proposed definitions and the proposed NFRC Attachments 100 document by COB Friday, 5-29-2009.
- John Gant – Stated that the NFRC 200 had been put on hold pending completion of the NFRC Attachments 100 document.. He stated that Sanjiv Malkan was taking over this WG
- Sanjiv Malkan indicated he would get a WG meeting setup for 200 to discuss documents structure and what constitutes individual products.. Group agreed that there were items the 200 WG could be addressing in lieu of a completed 100 document
- Mike Cienian – two new TG were established under the Attachments Subcommittee
  - PCP and Labeling – Tom Morrissey will be the Co-Chair on both of those along with Mike Cienian
- Tom Morrissey asked that the TG email him any suggestions for these two new TG's at [tom.morrissey@hunterdouglas.com](mailto:tom.morrissey@hunterdouglas.com)
- Ross McCluney – he will review the critical NFRC decision points and ask for membership support. Stated that we may want to have an update from Tubular Day lighting on their path/progress to date.
- Willie duPont – day 3 is for review of NFRC historical process relative to optical properties; have LBNL scientists discuss their ideas on how to represent the solar optical performance of attachments; Day three may be short due to participant leaving early for flights
- Mike Cienian – will setup a meeting after the LBNL workshop for TG to discuss the findings and outcomes
- Mike Cienian – Reviewed recent discussions with LBNL on Window 6 and modeling of complex attachments (cellular shades). Major outcome was the assignment for each manufacturer to send samples and geometric description of their products to LBNL
  - Sanjiv Malkan commented that nothing has been sent to date to LBNL
- Willie duPont stated there would be no update to the base case windows for this ballot
- Mike Cienian stated that Attachments would be submitting three ballots – the NFRC 600 definitions update, NFRC Attachments 100 and Applied films had a ballot to submit.
- Mike Cienian – WCMA has officially joined the NFRC as a dues paying member organization
- Mike Cienian – ended meeting.