

07/30/09



## Ongoing Technical Task Force Initiatives

### **Codes & Standards** –*Mike Ennis, SPRI*

The objectives of the Codes & Standards Task Force are to provide timely and pertinent information on Codes & Standards that may affect the sale and use of sheet membrane roofing systems and the components used in those systems. The Task Force will respond promptly to issues relating to Codes and Standards based on the consensus of the SPRI membership.

### **Cool Roof Codes / Title 24 Tracking** – *George Howell, Spartech Polycom*

This Task Force will assist SPRI Members in learning and/or being kept up to date on Title 24 and how it would affect their respective businesses. It will allow SPRI to be proactive in influencing the content of Title 24, i.e. the Ballast Study.

### **Cool Roof Energy Savings** – *Reinhard Schneider, G-P Gypsum*

The objective of this Task Force is to compile data that will demonstrate the energy savings which result from a “cool roof”.

### **ES-1** – *Bob LeClare, Robert Steffen WP Hickman Company*

The objective of this Task Force is to educate architects, consultants, and contractors about ES-1 so there is an understanding of *What is ES-1?, Why should I care?, and How do I implement it?.*(Completed 06/06)

This Task Force has partnered with FM to revise the current version of ES-1 is re-canvassing the document. The document is currently being canvassed for approval.

An on-line education program providing AIA and RCI continuing education credits has been created and will be integrated into the SPRI web site.

### **Gutter Standard** – *John Hickman, WP Hickman Company*

Among the topics to be addressed by this Task Force are:

- Estimation of wind forces on gutters.
- Estimation of wind forces on downspouts.
- Attachment to and protection of the roof membrane.
- Design recommendations.
- Test protocols.
- Establish an ANSI Standard for Design and Installation of Gutters and Downspouts.

### **Insulation Performance Standard** – *Tom Savoy, Premier Industries*

The Insulation Performance Standard Task Force is developing a performance standard that will provide minimum performance criteria for foam plastic insulation installed directly below flexible sheet roofing membranes. This Standard is not intended to exclude any particular type of foam plastic insulation. If the insulation does not meet the criteria established within this Standard for a particular roofing assembly, it may still be used as part of the roofing systems in conjunction with a coverboard that does meet the necessary criteria.

**Substrate Material Attachment** – *David Hawn, Dedicated Roof and Hydro-Solutions (completed 04/09)*

This Task Force will create an advisory statement focusing on the issue of under membrane and above deck materials that benefit from attachment (adhesion or fastening) in addition to the consideration solely for wind uplift.

**Metal Fasteners in Treated Wood** – *Mike Ennis, SPRI*

The Task Force will write an article that will make the roofing community, including designers and consultants of the potential corrosion issues with some types of treated wood formulations and potential methods to reduce this potential, including proper fastener and wood treatment selection. The article will also discuss SPRI's plans to address this issue. (completed 07/06)

In addition, the Task Force will develop a test method to evaluate the performance of fasteners in treated wood under the conditions that exist in commercial low-slope roofing. Funding has been obtained for this research and data is being collected.

**Monitor Green Initiatives** – *Brian Alexander, Henkel Technologies and Cary Black, Duro-Last*

This Task Force is a forum for SPRI Members to compile information and prepare responses to various "green" initiatives and issues pertaining to ASTM, USGBC, ICC, ASC, ARMA, LEED, Green Globes, CFFA, ASQ, VPNM, etc.

**PV Low Slope Interaction** – *Bob Susinskas, Soprema*

This Task Force will compile generic information on photovoltaic systems as a reference for the building owner.

**RD-1 Review** – *Stan Choiniere, OMG Roofing Products*

This Task Force will review and re-canvass the ANSI/SPRI Performance Standard for Retrofit Drains in accordance with ANSI requirements

**Reflective Roof Tax Credit** – *Shawn Stanley, IB Roof Systems*

The Task Force is research ways to expanding the existing residential tax credit to include reflective single-ply, but to offer other incentives to include commercial projects as well.

**RP-14 Canvass** – *Dick Gillenwater, Carlisle SynTec Incorporated*

The objective of this Task Force is to prepare a draft Wind Design Standard for Vegetative Roof Systems and Canvass it through ANSI.

**Standards Development, Root Penetration** – *Sid Teachey, USG*

This Task Force objective is to develop a North American Standard for root penetration. It will determine the current "state of the art" of membrane penetration testing, and develop a draft test method. Draft wind and fire standards are being prepared for ANSI canvassing.

**Thermal Performance of Vegetative Systems** – *Andre Desjarlais, Oak Ridge National Laboratory*

The objective of this Task Force is to determine the thermal performance of vegetative roof systems and compare the results to reflective roofs and ballast roofs.

**VF-1 Canvass Review** – *Kirk Goodrum, Siplast*

This Task Force will prepare the draft Fire Standard for Vegetative Roof Systems and will canvass it through ANSI.