



Roofing Reflections

April 2006

Special Edition: Membership Meeting Recap

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Nominating Committee

Board of Director elections are underway. This year, four (4) Board positions are open: three (3) Class A members and one (1) Class B member. Nominations have been received by the CRRC and the election schedule will be as follows:

- April 24 Voting ballots will be mailed to CRRC Membership
- May 15 Completed ballots are due at CRRC
- May 23 Election results will be reported

Upcoming Events

CRRC staff will be attending the Western States Roofing Contractors Association (WSRCA) tradeshow in Las Vegas from June 25 to 28.

CRRC staff attended the Roofing Consultants Institute (RCI) tradeshow in Phoenix, Arizona at the end of March. Board members Elaine Hebert and Peter Turnbull presented on cool roof codes in California and Bill Kirn presented on waterproofing, sealants and coatings.

For a list of other upcoming CRRC meetings, presentations and other industry events the CRRC plans to attend this year please visit our *Upcoming Meetings and Events* page at http://www.coolroofs.org/crrcnews_announcement3.html.



Annual Membership Meeting Notes

Thank you to everyone who attended our Annual Membership Meeting in February! For those who couldn't be there, some of the meeting presentations are posted on our website at <http://www.coolroofs.org/crrcnews.html>. Highlights included:

Administrative Update

●**Year-end Summary:** 2005 marked huge growth for the CRRC with the number of rated products increasing by 114%. Thank you to the Board and all active participants for making this possible.

●**Logo Use:** The CRRC logo was updated to include a registered trademark symbol. A new "How Do I" document explains appropriate use of the membership logo. The logo can be used on general corporate marketing materials and product promotional materials, but may not suggest product rating or product endorsement.

Visit <http://www.coolroofs.org/faqs.html> to review the "How Do I" or email info@coolroofs.org for logo files or questions about appropriate use.

●**Confidentiality Policy:** The Board recently formalized guidelines on confidentiality. For more information on the CRRC Confidentiality Policy, contact the CRRC at (866) 465-2523.

Bylaws Revision Approval

The Membership voted to approve a revision to the Bylaws. The revision adds a stipulation that no two Board members can represent the same company and removes the requirement that each Class B board member must represent a different category (e.g. non-profit, utilities, contractors).

Test Farm Consistency Testing

Board Chairman David Cocuzzi presented a comparison of two test farms: Atlas, currently the approved CRRC test farm, and Q-Lab, not currently CRRC approved. Mr. Cocuzzi compared the solar reflectance of several types of products that had been at each company's test farms for 12 months. The results showed very consistent results.

Interim Testing

With permission from each of the manufacturers, the CRRC tested the solar reflectance of roughly 140 products that have been on exposure at the test farm for over one year. Vice Chair Peter Turnbull presented the unofficial results of this interim testing. He summarized that of the products with an initial solar reflectance above 0.70 (the average initial SR was 0.83), the average after one year of aging was 0.74.

Annual Membership Meeting Notes (continued)

Guest Presentation:

Accelerated Weatherability Testing

Stephen Novak of Q-Lab presented the products and procedures that Q-Lab uses to simulate natural weathering. Q-Lab's accelerated weathering simulates the forces of natural destruction through a combination of fluorescent light, temperature and water spray. Mr. Novak mentioned that the lab exposure will not give the exact same results as test farm weather, but can be a good predictor.

Guest Presentation:

Cool Pigments

Chris Manning of Shepherd Color Company talked about his company's pigments that are used for roofing materials and other applications, particularly focusing on the infrared reflective pigments. These pigments are ideal for steep-slope applications because they have good visible color coupled with higher reflectivity (some up to 0.25) and little absorption in near infrared wavelengths. Mr. Manning emphasized that regulations for steep-slope roofs should be based on realistic expectations for the performance of colored materials and should take advantage of this type of improved technology.

Title 24 Update

Elaine Hebert of the California Energy Commission gave an overview of the Title 24 requirements that took affect October 1, 2005.

There is now a Q&A available on the CEC website at <http://www.energy.ca.gov/efficiency/blueprint/>.

The CEC is still working on the interpretation of the code and will publish more questions and answers. They are also starting a collaborative committee to train roofing industry participants.

Ms. Hebert noted that the CEC is considering several issues for the 2008 Title 24 update including removing cool roof requirements for some building types that do not have air conditioning (cooling) and adding a prescriptive requirement for residential and steep-slope non-residential roofs. She urged all stakeholders to give their feedback and get involved in the process.

CRRC's 2007 Membership Meeting

will again be held in conjunction with the International Roofing Expo in Las Vegas, NV.

The Expo will be March 5-7, 2007. More details are available at www.theroofingexpo.com.

Technical Update

ASTM E-1918 Standard Test Method for Measuring Solar Reflectance of Horizontal and Low-Sloped Surfaces will be re-approved by ASTM. It had been automatically withdrawn after a certain time lapse, but the ASTM Committee D08 on Roofing and Waterproofing is now working to reinstate this standard.

If you have any technical questions, concerns, or requests for clarification, please contact Technical Committee Chair Bill Kirn at BKirn@nationalcoatings.com or (610) 265-9222.

Membership and Outreach: CRRC in Print

The January/February issue of *American School and Hospital Facility* magazine featured an article by CRRC staff titled "Making the Case for Cool Roofs."

<http://www.facilitymanagement.com/>

The March issue of *Buildings* magazine has a feature on cool roofs, referring to the Cool Roof Rating Council as a good source for reflectivity and emissivity data.

<http://www.buildings.com/Buildingsmag/default.asp>

Ratings Codes and Standards: EPAct 2005

The Federal Energy Policy Act (EPAct) of 2005 established tax deductions for energy efficient commercial buildings and tax deductions for energy efficient new homes and improvements to existing homes that take place between January 1, 2006 and December 31, 2007. Homeowners can receive 10% of the cost, not to exceed \$500, of installing an ENERGY STAR qualified metal roof.

Business taxpayers can receive a deduction of \$1.80 per square foot for commercial buildings that achieve a 50% reduction in annual energy cost compared to ASHRAE Standard 90.1 (Energy Standard for Buildings Except Low-Rise Residential Buildings). The \$1.80 deduction is split evenly among three components: the building envelope, the heating, ventilating, air-conditioning and water heating systems and lighting. The ASHRAE standard sets the roof reflectance minimum at 70% and the minimum emittance level at 75%.

See <http://www.energy.gov/taxbreaks.htm> for more information.

Contact Us!

Please direct comments or questions to: info@coolroofs.org or call toll-free at (866) 465-2523

Send items you would like noted in future newsletters to:

Cool Roof Rating Council

1738 Excelsior Avenue
Oakland, CA 94602