



# RCI Items

KEEPING MEMBERS ON TOP OF RCI NEWS

July 2011

Also Inside: REGION NEWS • CHAPTER NEWS • MEMBER NEWS

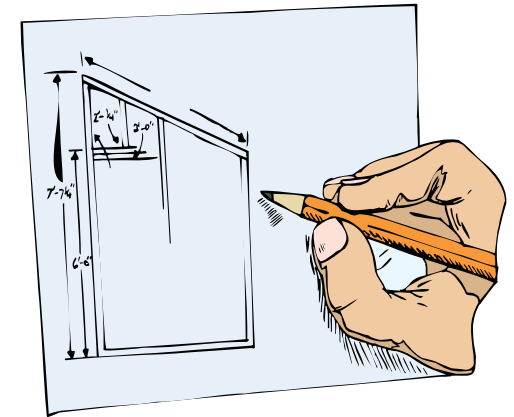


The RCI Document Competition is an annual event that gives RCI Professional, Professional Affiliate, and Quality Assurance Observer members the opportunity to submit documentation of their design work pertaining to roofing, waterproofing, and exterior wall construction. Entry categories include reports such as surveys, forensics, or analysis; small projects (<\$500,000); and large projects (>\$500,000) for new construction or exterior building envelope restoration. All entries are judged for excellence in technical merit and organization, with extra points for complexity and application or innovative concepts. A total of nine winning entries (three from each category) are selected and recognized, but all entries submitted in the competition are displayed at RCI's annual trade show.

July 2011

In addition to receiving plaques and publicity in *Interface*, winners are awarded RCI dollars. They are redeemable for any product or service provided by RCI or the RCI Foundation. This has been a real hit, and many use their RCI dollars for items such as convention and symposium registration, membership renewal, and publication orders. For the 2012 competition, RCI dollar awards will increase from \$300 to \$500 for first place, \$150 to \$250 for second place, and \$50 to \$100 for third place.

Since 2006, participation in the competition has increased 30% (see the accompanying table). The RCI Document Competition Committee continuously strives to encourage participation in the competition by implementing changes and incentives to help members showcase their work. (See the July 2011 issue of *Interface* for profiles of the 2011 RCI Document Competition winning entries.) Previous competition winners indicate that advertising award-winning entries to clients is an effective marketing tool and that prospective clients are always impressed.



Consider the many benefits of entering the RCI Document Competition, and plan to participate in the 2012 competition. The entry deadline is October 31, 2011. Competition rules and entry and submittal forms are available for download on the RCI Web site at <http://www.rci-online.org/document-competition.html>.

### RCI DOCUMENT COMPETITION ENTRIES BY REGION 2006-2011

Region	Reports	Small Projects	Large Projects	Total
I	5	6	14	25
II	13	14	18	45
III	14	12	22	48
IV	1	2	5	8
V	1	1	0	2
<b>Grand Total</b>	<b>34</b>	<b>35</b>	<b>59</b>	<b>128</b>

## NEWS TO USE

# RCI Speaks at the ICC May Hearings on the International Green Construction Code Public Version 2

By Walt Rossiter

In the January 2011 issue of *RCItems*, I reported that RCI had submitted a code change proposal to the International Code Council (ICC) on the Public Version 2 of the Proposed International Green Construction Code (IGCC). The essence of the RCI proposal was that for vegetative roof systems, a membrane leak test should be performed prior to placement of the overburden. Recommendations for specific test methods to be used and a rationale for the submission were included in the RCI proposal. The Advocacy Committee, with assistance from the Technical Advisory Committee, developed the proposal and worked with the ICC during the submission process. The RCI Board of Directors concurred with the committees' recommendations.

During the week of May 16, 2011, hearings on all change proposals made to the IGCC were conducted in Dallas, TX. I represented RCI and the Association's specific proposal. Regrettably, the RCI proposal was not accepted by the IGCC hearing committee. Nevertheless, participation in the process, in my opinion, was quite positive for RCI. This was RCI's first venture into developing a code change proposal, so to say the least, we were novices. Although we did not achieve the results we hoped for, the end result was that we learned a considerable amount about how the code process works and actions to be pursued or avoided in developing code change proposals.

On the positive side, the basic membrane leak testing concept on which the code change proposal was developed was not questioned to any meaningful extent by those who spoke against it. Most dissenting comments focused on the structure of the proposal and some of its specific details. Such deficiencies can be fixed. In fact, when the hearing code officials discussed the RCI proposal among themselves, one official agreeably commented that "the principle was good," and that "most people seemed to support the testing." As a consequence, he encouraged those speaking on behalf and against the proposal to join together

as an industry to develop a proposal that cleans up the structural problems and deficiencies in the original proposal.

Although it would require some effort, such action seems to be viable. In at least one behind-the-scenes conversation with someone who spoke before the hearing panel on the RCI proposal, the commenter went so far as to suggest that a code change proposal on vegetative-roof leak testing should be made, when appropriate, to the International Building Code (IBC). If accepted, it would have more impact because of the universal nature of the IBC. In contrast, the IGCC is an overlay code that will be complementary to the IBC, depending upon how states and local jurisdictions adopt it.

In closing, I note again that the Advocacy Committee was responsible for the Public Version 2 IGCC code change proposal. The main charge of the Advocacy Committee is to promote RCI so that the association gains recognition with legislative bodies, industry, and the general public. Consistent with this charge, RCI's presence at the IGCC hearings was well received. RCI had the opportunity to speak in front of a code body. Moreover, more than one individual commented that they were pleased to see RCI represented at the code hearings and wished us success in continuing to do so.

Our involvement in the code development community is part of the enhanced activities of the Board of Directors, staff, and numerous committees to expand member services and benefits. Our public relations, technical, and advocacy outreach are being expanded on numerous levels. In a related effort, the Board of Directors has approved and directed James Birdsong to retain the services of a state legislative and regulatory tracking agency. One hopes these expanded activities will soon begin to reflect benefits for RCI members.

## RICOWI DEPLOYS HAIL INVESTIGATION TEAMS



The Roofing Industry Committee on Weather Issues (RICOWI) deployed its Hail Investigation Program (HIP) teams for a storm that struck the Dallas/Fort Worth, TX, area on May 24, 2011. HIP teams inspected the storm damage during the week of June 13-17. Some RCI members were part of the deployment, which included Philip Dregger, FRCI, RRC, PE; John Goveia; John Gimple, RRC, RRO, PE, CCS; David Balistreri, RRO; and Richard Herzog, RRC, PE.

The focus of the investigation is to document the types of damage from hail impact to various steep- and low-slope roofing products, including those with impact-resistant ratings. A report of the findings will be published by RICOWI. For more information, please visit [www.ricowi.com](http://www.ricowi.com).

— Richard F. Herzog, PE, RRC  
RCI Liaison to RICOWI HIP

# FOUNDATION NEWS

## Research Updates From Virginia Tech and the University of Toronto



By Ann Hess

Foundation Development Officer

Elizabeth Grant, PhD, RA, assistant professor at the College of Architecture and Urban Studies at Virginia Tech, recently updated the Foundation on its research on the effects of climate, growth medium depth, and vegetation on modular vegetative roof runoff reduction, which was funded by the RCI Foundation. She reports that eight students have been assisting directly with the project since it began about a year ago (everything from construction of the platforms to installing the roofing and modules to collecting data). A class of 25 architecture students came out to see the progress this spring. The students do not get many chances to build at full scale or see research in action, and this project has given them both of these experiences.

Dr. Grant will speak about this project and present initial findings at RCI's Building Envelope Symposium in Charlotte, NC, October 10-11, 2011. The long-term outcome of the research will help roof designers predict how each type of modular green roof will perform, which will help in the design decision-making process.

Liat Margolis, assistant professor of the John H. Daniels Faculty of Architecture, Landscape, and Design at the University of Toronto, has also updated the Foundation on its research on green roofs and photovoltaics. Through grant monies received from the RCI Foundation (U.S.), the university is employing two graduate landscape architecture students who are involved in all aspects of construction, assembly, instrumentation, documentation, and monitoring. Graduate students involved in this research are exposed to



a host of academia and professionals from multiple disciplines, ranging from horticulture to biology, soil science, hydrology, engineering, information technologies, and irrigation.

This research is also the beginning of a comprehensive, long-term city of Toronto and university-wide initiative to comprehend the implications of green (clean) technologies. This study provides opportunity for university-based education, public communication, and industry training and will further build an instructive platform for innovation, technology transfer, and interdisciplinary research. Most critically, the project attempts to provide more standard protocols for instrumentation and comparative evaluation of green roofs in association with PV technologies. (The RCI Foundation [U.S.] and the RCI Foundation Canada are sharing the multiyear funding for this program. This marks the first research supported by the new foundation.)

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## RCI Is on Facebook

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- Educational program announcements
- Press releases
- Registration program updates
- Membership news
- Industry news
- Chapter news
- More

Follow the link below to get started.

<http://www.facebook.com/pages/RCI-Inc/220696604610584>

## STAFF NEWS

### RCI WELCOMES ASHLEY MASSENGILL

BY CATHERINE MOON



Ashley Massengill

On May 1, 2011, Ashley Massengill became a permanent full-time employee of RCI, filling the position of meetings specialist. She will assist the director of conventions and meetings, input meeting registration data, provide staff support to region directors' meetings, distribute materials for educational programs, and provide database reports and computer support as needed.

Ashley previously worked in event planning for a nonprofit lobbying organization in Raleigh, NC, for three years. There she handled event registration, managed a membership database, and was responsible for generating various reports. She says the political advocacy-driven group delivered an annual convention to approximately 800 people over a two-day period. Ashley also served as an intern to the organization twice.

Massengill, a native North Carolinian, grew up in Johnston County and currently resides in downtown Raleigh. She attended East Carolina University for two years. Ashley has experience working in various fields that involved customer service.

When she's not working, Ashley enjoys reading, making cards for her family, drawing, visiting local art museums, volunteering to work at festivals downtown, and taking road trips. When asked what her most memorable road trip was, she recalled going to Washington, DC, for a concert. She and her friends took the wrong exit and ended up on Pennsylvania Avenue, not far from the White House. After driving aimlessly, they stopped and asked a homeless man for directions. He obliged by drawing a perfect map, but requested they listen to him sing a song first.

Ashley proclaims she loves dogs and owns a two-year-old border collie named McGee, after the character on the TV show *NCIS*.

## REGION NEWS

### REGION II PLANS MEETING AND CONSIDERS KENTUCKY CHAPTER

The next Region II meeting is set for August 5, 2011, in Jacksonville, FL. This meeting will present great topics related to all aspects of the building envelope. The presentation topics will be on items such as the following:

- Under-slab/below-grade waterproofing
- Exterior walls (weather and vapor barriers)
- Lightweight insulating concrete (LWIC) design and considerations
- Roofing membrane technology
- The new ASCE 7-10: changes and considerations for building envelope professionals

The meeting is designed to attract those members of RCI who deal with any aspects of the building envelope. The lineup of speakers and topics should appeal to consultants, engineers, architects, contractors, distributors, and manufacturers.

As the details are finalized for the venue, mark this date and location on your calendar and look for upcoming RCI announcements. I hope to see many of you there.

Recently, interest has been expressed by a couple of Region II members from the state of Kentucky to form a new chapter. I am very interested in helping to develop and form a new affiliated chapter of RCI in this state, and I seek your support. If you are an RCI member in the state of Kentucky or have interest in bringing more education, classes, events, and RCI networking to Kentucky, contact me at [rhinojosa@be-ci.com](mailto:rhinojosa@be-ci.com) or Stuart Raney at [sraney@ibddle.com](mailto:sraney@ibddle.com). It is with the help of members that this organization continues to grow and thrive as the premiere association in the building envelope community.

— **Robért Hinojosa, RRC, RWC, REWC, RRO, PE**  
Region II Director

### ANSI/CRRC-1 STANDARD IS OPEN FOR PUBLIC COMMENTS

The Cool Roof Rating Council (CRRC) is accepting public comments on the CRRC-1 Standard until August 9, 2011. The CRRC-1 Standard covers specimen preparation and test methods for measuring the initial and aged solar reflectance and thermal emittance of roofing products. All members of the public have the opportunity to propose changes to the CRRC-1 Standard. Please go to <http://coolroofs.org/StandardReview.html> for more information and to download the Public Comment Form.

## REGION I MEETING A SUCCESS

Region I had a very successful meeting on May 6 at the Boston/Woburn Hilton Hotel. Excellent educational presentations were given on rooftop solar installations, TPO membranes, green roofing technology, and building envelope penetrations. A great day was had by over 80 attendees with 15 tabletop exhibitors. The next Region I meeting will be held on August 5, 2011, in Albany, NY.

— Peter Brooks  
Region I Director



Steve Wessling (left) from Wessling Architects and Bill Waterston, RRC, AIA, from Wiss, Janney, Elstner Associates, moderators of a roundtable discussion detailing building envelope penetrations

The agenda was well received by attendees, who filled the meeting space.



Left to right:  
Tabletop exhibitors Ned Keating from Roof Plan Reps, Jeff Hunt from Northeast Rep Group, and Glenn Szalay from Sika Sarnafil.



Attendees networking during a break at the exhibit area.



David Scheirer from Johns Manville giving a presentation on TPO stability and performance.

### SAN FRANCISCO EDUCATIONAL PROGRAMS RESCHEDULED

The Exterior Walls Technology and Science and Masonry Wall Systems courses originally scheduled for late July in San Francisco have been rescheduled. The new dates are:

- Exterior Walls Technology | August 2-3
- Masonry Wall Systems | August 4-5

For more information and to register visit the RCI events calendar.

# CHAPTER NEWS

## CHICAGO AREA CHAPTER DISCUSSES LWIC AND ROOFPPOINT™

The Chicago Area Chapter of RCI, Inc. (CAC-RCI) conducted its annual spring program on May 6, 2011, at the Grotto restaurant in Oak Brook, IL, with 30 CAC-RCI members, speakers, and guests in attendance. Tabletop exhibitors included Kemper System, Norman-Spencer, Polyglass, and Sika Sarnafil. The program speakers included John Rose with Siplast and Jim Hoff with TEGNOS Research, Inc.

John Rose, manager of lightweight insulating concrete systems with Siplast, spoke on “The Sustainability of Lightweight Insulating Concrete (LWIC),” first providing some historical background on the development of LWIC as a deck type, the various subcategories of LWIC (depending on aggregate type, density, physical properties, and moisture content), and then changes in metal formdeck, embedded insulation, and fasteners.

Rose cited several references: AIA and EPA Sustainability Study, *ASHRAE Green Guide*, and DOE Guidelines for Selecting Cool Roofs, plus LEED rating points, for which LWIC may be applicable as a component of the overall design solution resulting in a sustainable roof system. Common questions and issues relating to LWIC were reviewed:

- LWIC may be used on steep slopes; however, only mixes using aggregate are appropriate, not foamed nor cellular materials.
- Field evaluation of installed LWIC may include nail pull testing (40# minimum uplift resistance), ASTM C495 or C513 tests, or recommendations of the LWIC and roof membrane manufacturers.
- Correction for localized damage involves cutting out the existing material and replacing with new. Surface washouts can be patched using suitable LWIC repair materials (don't use gypsum patch).
- Some surface irregularity may be tolerable for a mechanically attached membrane; however, any fully adhered membranes require a much higher degree of surface integrity.
- When can LWIC be roofed? Generally, once the surface has firmed and can be walked upon and when fasteners can achieve adequate pull resistance. The specific deck and roof manufacturers' guidelines should be followed.
- If moisture breather vents are to be installed, spun aluminum is preferred over plastic vents.

Jim Hoff, research director for the Center for Environmental Innovation in Roofing (CEIR), reprised his recent auxiliary seminar presented at the RCI convention in Reno, with an abbreviated introduction to RoofPoint™, a new measure for environmentally innovative

roofing—sort of a green rating system for roofing. By way of background, Hoff discussed several current programs available through the center: Excellence in Design Award (begun by NRCA in the 1990s), Rooftop Integrated Solar Energy (a registration for solar professionals), and RoofPoint™.

In contrast with LEED, which does not address the durability and performance attributes of what may otherwise be considered a “sustainable” roof system, RoofPoint™ seeks to establish a guideline for positive requirements of good roof system design, as well as a checklist for measurable quantification in comparison with the guideline criteria. Thus, the roof performance will be both durable and environmentally responsible over the duration of the building life. Toward this end, the related concepts of energy management, materials innovation, moisture control and management, and life cycle management are sought to be woven into the overall building in general and the roof system in particular. The goal of RoofPoint™ is to determine a series of critical functional strategies (or “credits”) and goals with measurable criteria against which a project can be assessed (or “scored”) and then recognized (or “awarded”). Several pilot projects are under way, and a formal certification program is expected by 2012, through which the design professional could be recognized as a “Registered RoofPoint™ Professional.” The ultimate goal is for acceptance of RoofPoint™ as a national standard, which LEED is not.

During a brief chapter business meeting following the program, RCI Second Vice President Tom Gernetzke provided a recap of the recent RCI convention in Reno, discussed current RCI Board actions, and promoted next year's RCI convention, March 15-20, in Dallas, TX.

The next CAC-RCI program will be the annual late summer/early fall meeting on September 16, 2011, held again at the Grotto in Oak Brook, IL. Program topics will be “Design Advantages of Synthetic Roofing Materials” and “Liquid-Applied Roof Membranes and Coatings.”

— Dennis McNeil, RRC, CCS, RRO  
CAC-RCI Program Committee

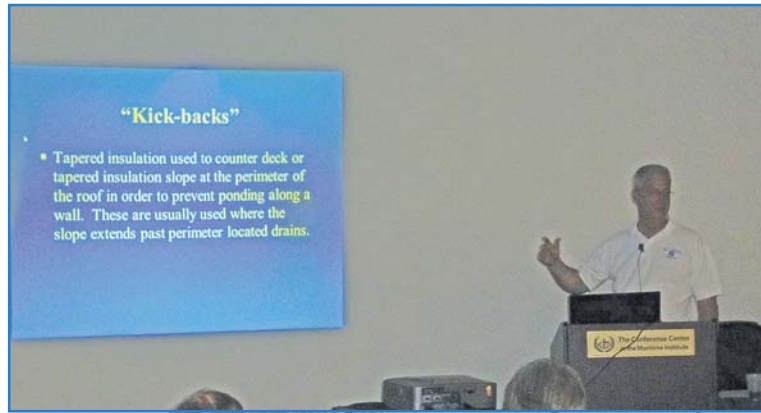
## CALL FOR ABSTRACTS FOR THE 2012 HAWAII WINTER WORKSHOP

On January 23-24, 2012, the 12th annual SoCal Chapter RCI Hawaii Winter Workshop will be held at the Waikiki Beach Marriott Resort in Honolulu, Hawaii. Speakers and abstracts for the 2012 program are actively being sought.

If you are interested in speaking in Hawaii next January, please download an abstract form from the SoCal Chapter Web site at: <http://www.rcisocalchapter.org/events.html>. Each speaker will be required to present a peer-reviewed paper and a PowerPoint® presentation of 1.0 to 1.5 hours in length. Abstracts are due by July 15, 2011.

Please contact John Shepherd, RRC, RRO, at 310-378-0791 or [jds@shepherdconsulting.com](mailto:jds@shepherdconsulting.com) with questions.

## MID ATLANTIC CHAPTER DELIVERS RCI COURSE



*David Hawn presenting his portion of the program.*



*Attendees listen to speaker presentations.*

The Mid Atlantic Chapter of RCI delivered its first RCI course, Professional Roof Consulting, on May 19 and 20, in Baltimore, MD. The program was held at the conference center at the Maritime Institute. There were 18 individuals in attendance. Presenters included David Hawn, FRCI, RRC, CEM; Richard Wagner, RRC, CCS; and Michael Violette, PE.

The course reviewed technical issues and skills and provided techniques to improve professionalism as a roof consultant.

On Thursday night, some of the attendees and Mid Atlantic Chapter members enjoyed a baseball game between the Yankees and Orioles at Camden Yards.

**— Michael S. Violette, PE  
Mid Atlantic Chapter Immediate Past President**

## TEE OFF AT THE PUGET SOUND CHAPTER GOLF TOURNAMENT

The Puget Sound Chapter is geared up for its second annual golf tournament. Please join the chapter on Friday, September 9, 2011, at Hawks Prairie Woodlands Golf Club in Lacey, WA. Registration begins at 11:30 a.m., with a 1:00 p.m. shotgun start. Be sure to get in some practice on the golf range. If last year's tournament is any indication of this year's, it will be a blast. The chapter will have awards for "the longest drive," "closest to the pin," plus other opportunities for men and women to win some great prizes. Last year, someone won a 42-in plasma TV.

For more information, please contact Doug Jason, chapter golf committee chairman, at 253-732-9571 or [djason@harboret.com](mailto:djason@harboret.com). Registration forms will also be available on the Puget Sound Web site at [www.rcipugetsound.org](http://www.rcipugetsound.org). We hope to see you there.



**— Doug Jason  
Puget Sound Chapter Golf Committee Chair**

## NEW RCI CANADIAN PRAIRIES CHAPTER APPROVED

The RCI Board of Directors recently approved RCI affiliation for the Canadian Prairies Chapter, spearheaded by Jon Peat. Previously a branch of the Western Canada Chapter, the new chapter will operate out of Alberta and also cover Saskatchewan in its membership territory.

The Canadian Prairies Chapter board consists of the following:

- President: Blair Baxter, RRC
- Vice president: Jon Peat, RRC, RRO
- Secretary/treasurer: Trevor Sziva, RRO
- Recording secretary: Shawn Frayn, RRO, CTR

The Canadian Prairies Chapter address is P.O. Box 29062, Hidden Valley RPO, Calgary, Alberta T3A 6L2. Contact by phone and e-mail is available via Chapter President Blair Baxter at 403-248-4811 and [blair.baxter@shaw.ca](mailto:blair.baxter@shaw.ca).

# MEMBER NEWS

## FISHBURN SPEAKS TO AUDUBON SOCIETY

RCI Professional member **Doug Fishburn, RRO**, of Fishburn Building Sciences Group, Inc. in Toronto, Canada, was recently invited to speak on green roofing to the Audubon Society at the Kimberlin Nature Education Center in Greenwich, CT. The event was part of the Audubon Greenwich chapter's ongoing series, "Green Homes, Green Buildings." The series covers issues aimed at educating the public and professionals on conservation efforts in the building industry.

## ACCESS YOUR MEMBERSHIP INFORMATION



All RCI members have an online record that stems from our database. In order to access your record, you must create a username and password. Members can update their contact information, pay renewal fees, and view their recorded Continuing Educational Hours (CEHs) information through the RCI Web site, [www.rci-online.org](http://www.rci-online.org).

To set up a username and password, click on "Member Login" under the Membership banner on the home page. Then click on "My Account" and "Create Account" in the upper right corner of the page. Then type in your e-mail address, first name, last name, and ZIP code in the corresponding fields and click on the "Continue" button. After the verification of your record, some of your information will be listed, including your e-mail address. Click on your e-mail address. You will see a page where you can create your own user name. Then you will receive an e-mail for password setup. **If you have already set up a user name and password but have forgotten it, do not set up a new account.** You may call RCI at 800-828-1902 or e-mail [info@rci-online.org](mailto:info@rci-online.org) and we can provide you with your username and password.

Once members have set up their user name and password, individual information should be available for viewing and/or updating by clicking on "Member Login" under the Membership banner on the home page and then clicking on "Log On" in the upper right corner of the page.

Please don't hesitate to call RCI at 800-828-1902 with any questions.

## NEW REWCs (EARNED FEBRUARY 5, 2011)

Name	Company	State/ Province	Region
Kamran Farahmandpour, FRCI, RRC, RWC, REWC	Building Technology Consultants, PC	IL	III
Stephen Hentz, RRC, RWC, REWC, RBEC	Hentz Engineering	VA	II
Matthew Innocenzi, REWC, PE	WDP & Associates, Inc.	VA	II

## NEW REWCs (EARNED APRIL 8, 2011)

Richard L. Cook, Jr., RRC, RWC, REWC, CCS	ADC Engineering, Inc.	SC	II
James I. Daniel, REWC	Building & Environmental Consultants, Div. of ITC Experts, Inc.	IL	III
Donald A. Davis, RRC, RWC, REWC	Wetherholt and Associates, Inc.	WA	IV
Warren R. French, FRCI, RRC, RWC, REWC, PE	French Engineering, LLC	TX	III
Thomas M. Gernetzke, RRC, RWC, REWC, RRO	Facility Engineering, Inc.	WI	III
Paul Goetz, RWC, REWC	Aquatech Consultancy, Inc.	CA	IV
Robért Hinojosa, RRC, RWC, REWC, RRO, PE	Building Engineering-Consultants, Inc.	FL	II
Daniel A. Lawrence, RRC, REWC, PE	Mays Consulting & Evaluation Services, Inc.	OH	I
Brian P. O'Donnell, REWC	O'Donnell Architects, PC	NJ	I
James W. Ripley, RRC, RWC, REWC, RRO	A/R/C Associates, Inc.	FL	II
Charles Saul, RWC, REWC	Aquatech Consultancy, Inc.	CA	IV
Edward A. Sheridan, RRC, REWC, PE	Fishburn/Sheridan & Associates, Ltd.	ON	V
Joshua J. Summers, REWC, SE, PE	Building Technology Consultants, PC	IL	III
Raymond C. Wetherholt, RRC, RWC, REWC, PE	Wetherholt and Associates, Inc.	WA	IV

## NEW MEMBERS FOR MAY 2011

<b>Name</b>	<b>Company</b>	<b>State/Province</b>	<b>Region</b>	<b>Category</b>
Jason R. Baker	IRC Building Sciences Group, Inc.	BC	V	QAO
Frank Boccia	Engineered Building Inspections PC	NY	I	QAO
David W. Boyer	PROSOCO, Inc.	KS	III	I
Douglas E. Brown, RRC, PE	American Structurepoint, Inc.	IN	III	P
Greg J. Brown	Neogard	NC	II	IA
Mark R. Brusso	Henry Bakor	ON	V	I
John Cambuzzi	Insulfoam	CO	IV	I
John J. Campbell	Roof Component Solutions	FL	II	I
Sean Campbell	IRC Building Sciences Group BC, Inc.	BC	V	QAO
Jeffrey B. Carlson	Peterson Architecture, LLC	NY	I	P
Robert L. Craig, RRO	Allana Buick & Bers, Inc.	CA	IV	PA
Frederick R. Danner	HDH Associates, PC	VA	II	QAO
Stephen DeRocquigny, CET	Morrison Hershfield	AB	V	PA
Bryan Fishburn	Fishburn Roofing Services, Inc.	ON	V	QAO
Drew Gagnier	Interwrap, Inc.	BC	V	I
Timothy P. Hale	HDH Associates, PC	VA	II	QAO
Jason Hazen	Soprema, Inc.	OH	I	IA
Patrick M. Hiltman	United States Gypsum Company	FL	II	IA
Bobbi J. Huskey	Soprema, Inc.	AZ	IV	I
Edgar LeBlanc Jr.	E. Leblanc Roof Observer	NB	V	QAO
Norbert L. Lohse, RA	Allana Buick & Bers, Inc.	CA	IV	PA
Joe Magistrale	Thaler Metal Industries, Ltd.	ON	V	I
Rick Mapes	Polyglass USA, Inc.	CA	IV	I
Mike McMillin	Carlisle SynTec, Inc.	IL	III	IA
Peter E. Nelson, PE	Simpson Gumpertz & Heger, Inc.	MA	I	P
Eamon O'Donnell	O'Donnell Architects, PC	NJ	I	PA
Robert M. Orlowski	RDH Building Engineering Limited	BC	V	QAO
Daniel R. Prickett	PSI, Inc.	SC	II	QAO
Thomas Sweeney	RoofingProjects.com	CT	I	P
Ronald Vollmer	ADCO Products, Inc.	MI	III	IA
Kelly Wade	North American Roofing Services, Inc.	NC	II	I
Michael J. Wareing, RRO	Cal Weldon Consulting, Ltd.	BC	V	PA
Cal Weldon	Cal Weldon Consulting, Ltd.	BC	V	P
Donald M. Wells	Roof Asset Management USA	OH	I	PA
Michael Wheeler	Team Roofing, Inc.	NC	II	I

### MEMBERSHIP CLASSIFICATION KEY:

P = Professional, PA = Professional Affiliate, I = Industry, IA = Industry Affiliate, A = Associate, QAO = Quality Assurance Observer, FM = Facility Manager, S = Student, GL = Government Liaison