

Winter 2014-2015
Volume 1, Issue 1



Upcoming Events:

March 4 2015
Membership Committee Meeting
Code Committee Meeting
Informal dinner gathering

March 5 2015
Annual General Meeting
Board Meeting
Hail Investigation
Program Committee Learning Circle
Wind Investigation
Program Committee Learning Circle
Conference Committee Learning Circle
Underlayment Committee Learning Circle
Moisture Control / Green Learning Circle
Best Practice Committee Meeting
RICOWI dinner

March 6 2015
RICOWI Spring Seminar
What's Under Counts!
Underlayment

September 30 2015
Membership Committee Meeting
Conference Committee Meeting

October 1 2015
RICOWI Fall Seminar -
Topic: Moisture Control
Oak Ridge National Laboratory Tour
Evening Dinner Event

continued on next page

The newsletter for the Roofing Industry Committee on Weather Issues, INC.

Help Us Name RICOWI's Newsletter

Welcome to the inaugural issue of RICOWI's newsletter. As you can see, we do not have an official name as of yet. Please help us name the newsletter!

Suggestions can be sent through email to: jcook@ricowi.com.

Deadline is June 1, 2015.

Winning name will be announced at the fall conference in Oak Ridge, TN

Chairman's Message



Welcome to the inaugural issue of RICOWI Inc.'s updated newsletter! Our organization is growing and we needed a better way to keep in touch with our members on a more frequent basis. This newsletter is the result and we hope you enjoy the read.

It was wonderful to see such a great turnout at our 25th gala

anniversary celebration. RICOWI has so many accomplishments to be proud of, and it was high time our Members, Sponsors, Directors, Committee Members, Committee Chairs and Deployment Participants were formally recognized for their decades of volunteer spirit. Special thanks go to our all-time high sponsor State Farm Insurance for its significant financial assistance over the years with both our wind and hail investigation programs. We were flattered to see Dave Roodvoets, one of RICOWI's Lifetime Honorary Members,

continued on next page

Upcoming Events

Continued:

October 2, 2015
 Board Meeting
 Hail Investigation
 Program Committee
 Wind Investigation
 Program Committee
 Code Committee
 Underlayment
 Committee Learning
 Circle
 Moisture Control / Green
 Best Practice
 Committee Meeting

Board Members

Lynne Christensen
Chair
 Mike Ennis
Past Chair
 Rick Olson
Vice Chair
 Roger Morrison
Secretary / Treasurer
 Dave Balisteri
Director At Large
 Bas Baskaran
 Tanya Brown
 Michael Fischer
 Scott Kriner
 Daniel Walker
 Andy Williams
 Joan Cook (non-voting)
 Bill Morgan (non-voting)

Lifetime Honorary Members

Andre Desjarlais
 Oak Ridge National
 Library

 David Roodvoets
 DLR Consulting

 Patty Wood-Shields
 Wood-Shields Roof
 Consultants

continued from page 1

in attendance at the gala event. RICOWI offers sincere thanks to Dave Roodvoets and Rick Olson for providing a lovely pictorial contribution of our 25 years of history. Additional kudos to:

- Joan Cook for organizing a fantastic event
- Lois Riesebieter for photography work
- Jordan Lemke for registration desk assistance
- Lynne Lawry and her Conference Committee for putting together such a lovely dinner with such festive decorations.

We hope you're attending the next RICOWI event on March 5-6, 2015 in San Antonio, Texas. Bring your knowledge to share... and your significant other along with you to enjoy the sights and shopping in this beautiful city. Combining top-notch roofing education with the stunning beauty of the Riverwalk and you simply cannot miss this popular event. Springtime is also when we'll hold our Annual General Meeting – come out and hear our Committee Chairs give their reports as well as learn what's in store for our friendly association.

I'm always humbled to spend time with RICOWI Members – the level of knowledge and roofing experience is amazing. It truly makes one sit up and pay attention when considering the amount of knowledge and experience in the conference session rooms – there is likely nowhere else on earth with such a welcoming and prolific think tank.

Thanks to everyone for your volunteerism and dedication to the roofing industry. You are making a difference. Once again, welcome to our newsletter and remember, your comments and feedback are always invited.

On behalf of the Board of Directors, we very much look forward to seeing you in March!

**Lynne Christensen, MBA, CAE
 Chairman, RICOWI, Inc.**

Can You Believe?

Have you seen something funny or strange in your travels? Would you like to share it with your colleagues? Please email photos and/or comments to jcook@riowi.com for consideration in a future publication.

Interview



Lavonne and Bill Morgan

How did you get into the roofing industry?

It all started in 1977 when I walked into the office at Malarkey Roofing and applied for a full time job. At that time I was substitute teaching but really needed a full time job. I was hired the next day and started working night shifts on the production crew making shingles and rolled roofing products, while still substitute teaching a few days a week for another year. I moved on internally to being a production manager, quality lab manager and now claims manager. The latter is jokingly in part as no one else wants that job.

Why did you get involved with RICOWI?

Actually, at the request of my supervisor. Prior to that I was not really aware of the group but certainly their interest in hail and wind issues got my attention. Of course getting a chance to climb around on additional roofs did not hurt either.

Do you have any suggestions for new members?

Attend the meetings and seminars and learn all you can. Participate on some of the committees and definitely on the investigations. You have the opportunity to surround yourself with a great bunch of people and experts in the roofing industry.

Finally, what do you like to do for fun/what do you enjoy doing most with your family?

I like to fly fish, especially in the Yellowstone area, with my wife (LaVonne) and two sons (Jeff and Willie). Both LaVonne and I have Physical Education degrees so we enjoy all sports and have done a lot of bicycle riding the last few years. However, the real fun is snowboarding. Unlike fishing it is a contact sport, between you and the snow.

Sponsor Member Reports

ISANTA

Andrew Williams, PE

afwilliams@ISANTA.org

Phone: 847-375-4891

Some of the items that we have been very involved in is the upkeep and development of ESR 1539 which represents many of the ISANTA fastener manufacturers. We continue to work with ICC ES on the development of that report and meeting the requirements of changes to the Acceptance Criteria as they occur. We have also just completed the US ballot on ISO 11148 Fastener Driving Tools. There will be a meeting of this working group on this standard in October in Stockholm that will be reviewing this ballot and discussing potential modifications to the standard. A delegation from ISANTA will be there. Finally, we are following the research work that is being done in Florida during 2015. The project title is Survey and Investigation of Corrosion of Fasteners used to Secure Roofing Systems.

MBMA

Dan Walker, P.E.

Email: dwalker@thomasamc.com

Phone: 216-241-7333 x3062

MBMA is currently working on several different research projects that relate to the Metal Building Industry. The projects that could have a potential interest in RICOWI are the following:

ASCE Wind Load Project:

Two proposals to revise the Wind loads on the 2010 Edition of ASCE 7 concerning Steep Slopes and Low slopes roofs respectively were submitted. If approved, the provisions would be included in the ASCE 7-16. Both proposals contained significant increases in roof component and cladding pressures above the provisions of ASCE 7-10.

MBMA in partnership with AISI, ARMA, MCA, , and the American Wood Council had a peer review performed by Dr. Jon Peterka to evaluate the proposed wind loads to determine if the wind tunnel tests were properly conducted, and if the data analysis leading to the two proposals was correctly performed. The conclusion was that the wind tunnel data obtained by UWO was of high quality, and is comparable to other pressure data on which ASCE 7 has been based in the past. If this proposal gets approved through ASCE 7-16, this would be adopted by reference in IBC 2018.

ORNL Flexible Research Platform Project:

Oak Ridge National Laboratory (ORNL) and MBMA joined forces to assess impact of various retrofit and sealing techniques on air leakage rates and energy efficiency in a conventional metal building structure built at ORNL. Different air-sealing processes have

Sponsor Member Reports Continued

been performed and energy consumption data has been collected for a specific period of time. This data will then be compared against baseline energy consumption and modeled values.

A retrofit will be performed to change the existing standard Galvalume roof to a cool roof and envelope retrofits of wall and roof insulation. This testing will provide us the benefits of using cool roofs, operation of HVAC system in terms of energy efficiency, insulation and envelope efficiency.

Metal Construction Association

Scott Kriner

Email: SKriner1@verizon.net

Phone: 610-966-2430

- Completed Metal Roofing Installation Manual – on website
- Completed Service Life Evaluation of low slope unpainted metal standing seam roofing
- Began a research project at University of Florida on wind resistance of discontinuous metal roofing systems
- Involved in IBHS wind testing of metal standing seam roofing
- Involved in IBHS hail and aging project
- Developing a Perimeter Edge Metal test standard for metal roofing systems
- Evaluating metal roof assemblies and competitive roof assemblies for environmental impact, using EPD information

Cedar Shake & Shingle Bureau

Lynne Christensen

Email: lynne@cedarbureau.com

Phone: 604-820-7700

- Held a recent management/staff planning session in Abbotsford, BC
- Field team toured Vancouver Island/Lower Mainland and WA/OR manufacturing member sites after planning session
- Have three new staff team members at head office; very impressed with their skill set and positive enthusiasm
- Annual General Meeting was held November 12, 2014 in Chicago
- Showing vintage movies after the formal business meeting – one is a lost Hollywood film starring silent film stars Charlie Murray and Lila Lee who just made the transition to ‘talkies’. This 1930s film is one of the first industrial movies with sound.
- Celebrating our 100th anniversary in 2015. We have published a 200+ page history book to commemorate the occasion
- Encourage all to be aware of the recent nominal product measurement and promotion marketplace debate
- Continue to value our industry colleagues’ input at RICOWI events
- Enjoying a busy seminar and trade show season

Sponsor Member Reports Continued

SPRI Report

Mike Ennis

Email: m.ennis@man.com

Phone: 614-501-8909

SPRI Activities

Standards - SPRI is in the process of updating the following standards based on comments received at the last round of building code hearings. The intent will be to re-submit these standards for inclusion in the International Building Code (IBC).

ANSI/SPRI WD-1 Wind Design Standard Practice for Roofing Assemblies

ANSI/SPRI RP-14 Wind Design Standard for Vegetative Roof Systems. The standard will be revised to require an adhered assembly meeting the wind load requirements of the IBC, instead of using the vegetative roofing for ballast. The objective of the standard will be to keep the vegetation in place.

ANSI/SPRI GD-1 Structural Design Standard for Gutter Systems Used with Low-Slope Roofs

Other standards

SPRI is pursuing the development of industry LCA's and EPD's for TPO, PVC, and EPDM membranes.

Codes

SPRI will be submitting several code change proposals to the International Building Code, including the standards mentioned above and

clarification of material requirements for PVC membranes.

Industry issues

SPRI continues to work with the NRCC and structural engineers to validate the revisions Factory Mutual made to their Approval Standard FM4470 for Single-Ply, Polymer-Modified Bitumen Sheet, Built-Up Roof (BUR) and Liquid Applied Roof Assemblies for use in Class 1 and Noncombustible Roof Deck Construction. The issue of concern is that they revised the standard in their opinion to prevent overstressing of the steel roof deck.

SPRI is developing a database to store and allow easy retrieval of roof system test data that verifies compliance with the requirements of Chapter 15 of the International Building Code. Wind uplift test data will be included first, followed by fire test data, then the remaining Chapter 15 requirements.

The South Coast Air Quality Management District (SCAQMD) is proposing reducing the VOC content of adhesives and sealants used in construction applications including single ply roofing applications. SPRI is working with the SCAQMD to explain the issues that will occur due to the proposed reduction in VOC content, from a maximum of 250 g/l to 100 g/l.

Sponsor Member Reports Continued

Research

SPRI is participating in a research program at the NRCC to determine the impact of air movement on energy loss and moisture migration in roofing systems. Other participants include the NRCA and the CRCA. The objective is to develop a test procedure, and prescriptive construction details that can be used to demonstrate compliance with the air barrier requirements of the International Energy Conservation Code.

Industry News:

RICOWI to Present Research at National Conference

- RICOWI recently received approval to present "RICOWI Field Research and Evolving Construction Codes" at the 2015 National Hurricane Conference in Austin TX. The Conference will be held March 30 - April 2, 2015.
- Michael Fischer, Asphalt Roofing Manufacturers Association (ARMA) liaison to the RICOWI Board of Directors, will be presenting the research on Thursday, April 2, 2015 from 1:30 pm - 3:00 pm
- If you are attending the conference, be sure and attend his presentation! More information on the conference can be found at: <http://hurricanemeeting.com/>
- If you have any industry or company news you would like to include in future newsletters, please send them to jcook@ricowi.com

Helping a Worthy Cause

The Women's Resource Center, Inc. provides victims of domestic violence a safe, supportive environment to stay when escaping a dangerous situation. The Women's Resource Center also provides domestic violence education groups, sexual assault education groups, crisis intervention, court advocacy and assistance with protective orders. The Women's Resource center recognizes that it takes a community to change the lives of those people impacted by domestic and sexual violence and stalking. A letter was sent to RICOWI thanking us for our donation of after-event balloons, cake and flowers making RICOWI a part of that community that provides a safe place for victims.



Representatives of Women's Center, RICOWI's Jordan Lemke and Chair Lynne Christensen

Help Us Make a Difference!

Join your colleagues to help RICOWI make a difference in the roofing industry by sponsoring the spring and fall events. Forms are available online at www.ricowi.com - or contact Executive Director Joan Cook at 330-671-4569 or email: jcook@ricowi.com.

And remember you can help us also make a difference by encouraging colleagues to join RICOWI. **Memberships are available at the following levels:**

Sponsor Membership

Industry associations whose members have an interest in the roofing industry by virtue of the manufacture, design, installation or insuring of roofs and roofing-related products or the performance of consulting and other professional services in connection with roofs and roofing related products.

Affiliate Membership

Any person, or individual representative of a firm, institute, corporation or other entity that has an interest in roofs and roofing-related products.

Education Membership

Any person, or individual representative of a college or university or other academic organization that has an interest in roofs or roof related products.

RICOWI wishes to thank the 25th Anniversary Sponsors for their generous support:

Gold Circle

- CoreLogic / Weather Fusion
- Tecta America Corp.

Silver Circle

- Building Envelope Consultants, Ltd.
- Crenshaw Consulting Group
- Lakeside Construction Fasteners
- RCI, Inc.
- SPRI, Inc.
- Tremco Incorporated

Bronze Circle

- Cedar Shake & Shingle Bureau
- Donan Engineering Co., Inc.
- Jim D. Koontz & Associates

Special recognition was given to Weather Fusion/CoreLogic and Lynne Lawry for continual donations to RICOWI.

Richard Herzog, Past Chairman of the Hail Investigation Committee, was recognized for his leadership and support to the program.

Daniel Walker, MBMA, was recognized for his leadership as past Director At Large.

A dinner highlight was an overview by Rick Olson and Dave Roodvoets of RICOWI's past 25 years of work.

Additional information regarding criteria for each level can be found on the website www.ricowi.com

Dinner

A dinner was held during the recent fall seminar to recognize RICOWI's 25th anniversary. The event recognized and awarded those whom have been with the organization from the very beginning and also those who generously donate to keep this organization thriving.



RICOWI event sponsors recognized at anniversary dinner

The following sponsors were recognized for their generous support of the Wind Investigation Program (WIP):

- Asphalt Roofing Manufacturers Association (ARMA)
- BASF
- Building Envelope Consultants, Ltd.
- Florida Roofing, Sheet Metal and Air Conditioning Contractors Association, Inc.
- Institute for Business & Home Safety (IBHS)
- International Staple, Nail, & Tool Association (ISANTA)
- Metal Building Manufacturers Association (MBMA)
- Metal Construction Association (MCA)
- RCI, Inc.
- Spray Polyurethane Foam Alliance (SPFA)
- Single Ply Roofing Industry (SPRI)
- State Farm Insurance
- Tile Roofing Institute (TRI)
- Weather Fusion



Anniversary cake at Embassy Suites, Norman, OK

A lovely and entertaining speech was given by Rick Olson, highlighting the history of RICOWI and also the members who have made RICOWI such a special group of people.

Sponsor Recognition Continued

In addition the following sponsors were recognized for their generous support of the Hail Investigation Program (HIP):

- Aerialogics
- ARMKO Industries
- BASF
- Building Envelope Consultants, Ltd.
- Cedar Shake & Shingle Bureau
- Crenshaw Consulting Group
- DECRA Roofing Systems
- EPDM Roofing Association
- Eagle Roofing
- GAF Building Materials
- Haag Engineering
- Insurance Institute for Business & Home Safety
- Liberty Mutual
- Malarkey Roofing Products
- Metal Building Manufacturers Association
- Metal Construction Association
- Performance Roof Systems
- RCI, Inc.
- Roof Maintenance Systems
- Spray Polyurethane Foam Alliance
- Single Ply Roofing Industry
- State Farm Insurance
- Weather Decision Technologies
- Weather Fusion/CoreLogic

We're on the Web!

See us at:

www.ricowi.com



RICOWI member Tom Kelly at National Weather Center

Member News

Cedar Shake and Shingle Bureau
Announces 100th Anniversary History Book

The Cedar Shake and Shingle Bureau (“CSSB”) is pleased to announce that its 100th Anniversary History Book is published and is available for purchase. Covering a century of historical events, this book is an entertaining read, accompanied by a significant number of photos. Chapters include topics such as industry pioneers’

Member News continued

accomplishments, quality control initiatives, work conducted during World War I and II, plus extensive marketing campaigns. The book contains information about the CSSB's lost Hollywood film starring two famous silent movie actors, Annabelle the Certigrade® Cow, plus shows color reproductions of actual ads from the 1930s to today.

Chairman Len Taylor III stated that "...Numerous industry stakeholders gave generously of their time to be interviewed for this publication and their stories are shared in an easy-to-read, engaging manner. Many regional museums and archives were also consulted and the result is a comprehensive look back at our industry's accomplishments, extensive archives and future plans." Author Lynne Christensen is an award-winning writer with numerous published articles, scripts, newsletters and technical publications.

For More Information:

Book Sales:

Michelle Foucher, Christine Inglis,
And Kathy Milne
marketing@cedarbureau.com
Phone: 604-820-7700

Author Interviews

Lynne Christensen
lynne@cedarbureau.com

Welcome New Members

Brett Cholewa, *Building Envelope Consultants, Ltd.*
Parthiv Dangodara, *AIG*
Rob Edgers, *EagleView Technologies*
Peter Fedele, *ABC Domes*
Jaime Gold, *Donan Engineering*
Mark Harner, *CertainTeed Construction*
David Harvey, *WindSmart, LLC*
Pat Hiltman, *USG*
Travis Jones, *Armko Industries, Inc.*
Marcin Pazera, *Owens Corning*
Dan Scheerer, *SFS Intec, Inc.*
CJ Sharp, *Georgia Pacific Gypsum*
Wade Shepherd, *Boral Roofing, LLC*
Gregg Stelflug, *Hoffman Weber Construction*
Kevin Van Leer, *Risk Management Solutions, Inc.*



Affiliate Members

Gilbert Arnold	Pat Hiltman, USG	Bert Nunez	Wade Sticht
Jim Andersen	Derek Hodgins	Rob Orwig	Bill Thomas
Jonathan Belnap	Jason Hoerter	Chris Payne	William Tipton
Richard Bont	Ken Hunt	Marcin Pazera	Adam Tomlinson
Michael Bryson	Al Janni	Darren Perry	Kevin Van Leer
James Bush	Travis Jones	Jon Peterka	Eric Velliquette
Brett Cholewa	Greg Keeler	Aaron Phillips	Ric Vitiello
Vickie Crenshaw	Tom Kelly	Jenny Pye	Jim Walas
Parthiv Dangodara	Jim Koontz	Paul Riesebieter	David Weaver
Brent DeRose	John Kouba	Fred Sanford	Robert Whelan
Doug Dewey	Ron Kough	Jim Sauter	Troy White
Brad Draper	Mark Kubena	Michael Schroeder	Michael Young
Rob Edgers	Darin Lasater	Dan Scheerer	Ken Wolford
William Eiseman	Lynne Lawry	CJ Sharp	Mark Zehnal
Bruce English	Bob LeClare	Wade Shepherd	
Peter Fedele	Steven Linscheid	Annette Sindar	
Peter Garrigus	Tony Mallinger	Phil Smith	
Kenneth Gilvary	Tim Marshall	Rolf Snobeck	
John Gimple	Forrest Masters	Gregg Stelflug	
Jaime Gold	Joel May		
Tom Hall	Phil Mayfield		
Michael Hamilton	Casey McKinley		
Helene Hardy-Pierce	Dale McLean		
Mark Harner	Bill Morgan		
Dave Harvey	Russell Murphy		
Richard Herzog	Phil Nigus		
Daniel Heyer			

Sponsor Organizations

Asphalt Roofing Manufacturers Association
Cedar Shake & Shingle Bureau
Insurance Institute for Business and Home Safety
International Staple, Nail, and Tool Association
Metal Building Manufacturers Association
Metal Construction Association
National Research Council of Canada
RCI, Inc.
Single Ply Roofing Industry
Spray Polyurethane Foam Alliance
Tile Roofing Institute