

CAROLINAS CONTACTS

CRSMCA - Covering the Carolinas for over 75 years

Roofing



JAN - FEB 2023 ISSUE

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THANK YOU CONFERENCE SPONSORS

2023 CAROLINAS MID-WINTER ROOFING EXPO

DIAMOND



Beacon Roofing Supply

GOLD



SILVER



BRONZE



CONTRACTOR GOODWILL



DOUGLAS K.
GENTILE, CPA

PAST PRESIDENT



KEN TETTERTON [1997]



HANK BONNEY [1997]



GREG JONES [1998-99]



RICK O'CONNOR [2012-13]
SCOTT MATHIAS [2018-19]



TODD SMITH [2017-18]



JIM PICKENS [2008]



MIKE WILKINSON [1975-76]
WES WILKINSON [2014-15]

CRSMCA THANKS THESE COMPANIES FOR SUPPORTING YOUR ASSOCIATION THROUGH SPONSORSHIPS!

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2nd Vice President, Bobbie Jo Deal, CityScape Roofing, Inc.
Secretary/Treasurer, Robert Hodges, R.K. Hydro-Vac, Inc.
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09
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03 Andy Butler, Roofers Supply of Greenville [Charlotte, NC]
04 Justin Maycher, GAF Materials Corporation [Raleigh, NC]
04 Bradley Hall, Mid-Atlantic Roofing Supply [Raleigh, NC]
05 Chad Bolt, ABC Supply Company, Inc. [Greenville, NC]
05 Todd Casey, Beacon Roofing Supply [Goldsboro, NC]
06 Anna Read Maltos, Superior Distribution [Wilmington, NC]
06 Kyle Bullock, Mid-Atlantic Roofing Supply [Wilmington, NC]
07 Lee Wells, Beacon Roofing Supply [Myrtle Beach, SC]
08
09 Nathan Rollins, HB Fuller Construction Adhesives [Greer, SC]
10

THE CRSMCA MISSION STATEMENT

To promote and safeguard the common business interest of its members and to improve conditions by educating all persons concerning the roofing and sheet metal business and industry. To work for the development and progress of the roofing and sheet metal business industry and to work with individuals' organizations and governmental agencies toward the achievement of a stronger profession of the roofing and sheet metal industry.

CAROLINAS ROOFING & SHEET METAL CONTRACTORS ASSOCIATION, INC.

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CHARLOTTE NC, 28241-7643

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CHARLOTTE, NC 28273

704.556.1228
www.crsmdca.org

CRSMCA STAFF MEMBERS

Executive Director, Carla B. Sims [cbsims@crsmca.org]
Assistant, Karin Barahona [staff@crsmca.org]

CRSMCA MAGAZINE MEMBERS

Chairman, Henry Sackett, ABC Supply Company, Inc.
Josh Dernosek, CL Burks Construction
Brandon Jackson, Petersen Aluminum Corporation
Rainy Ugenmach, NBHandy Company
Carla Sims, CRSMCA

Carolinas Contacts address issues and concerns of the roofing industry. Technology, test, and building codes are constantly changing, and such changes may not be reflected herein. All information is presented for the benefit of our readers and does not necessarily reflect the views of CRSMCA. Press releases and product information presented do not reflect all available materials. Before purchasing, installing, using, or recommending any product, system, or method, readers should make independent evaluations.

AFFILIATED WITH NATIONAL ROOFING CONTRACTORS ASSOCIATION, INC.





Message from Executive Director, Carla B. Sims

2023-2024 fiscal year is to re-engage its members and engage our potential members. CRSMCA is kicking this off by providing membership gatherings and min-education sessions at the your local District meetings, providing a higher-quality business education session and motivational speaker at the Annual Meeting/Summer Convention as well as enhancing the CRSMCA Certified Master Installers Program. The CRSMCA Board members and I look forward to having the conversation **WITH YOU** to increase your membership engagement with CRSMCA this year and for the years to come.

ARE YOU STAYING CONNECTED WITH CRSMCA?

CRSMCA provides members and peers in the roofing industry weekly e-Newsletters, bi-monthly *Carolinas Contacts* magazine publication, regular updates on the CRSMCA website as well as social media platforms. Be sure to connect with us on your favorite platform:

- www.crsmdca.org
- @crsmca
- @carla-sims-26a47627

ARE YOU PLANNING TO ATTEND CRSMCA EVENTS?



- DISTRICT 9 (Greenville, SC) -- Tuesday, March 21 *registration available online
- DISTRICT 8 (Columbia, SC) -- Thursday, March 23 *registration available online
- DISTRICT 7 (Myrtle Beach, SC) -- Tuesday, March 28 *registration available online
- DISTRICT 5 (Greenville, NC) -- Tuesday, April 4 *registration available online
- DISTRICT 10 (Charleston, SC) -- Wednesday, April 5 *registration available online
- DISTRICT 3 (Charlotte, NC) -- Tuesday, April 18
- DISTRICT 2 (Greensboro, NC) -- Thursday, April 20
- DISTRICT 6 (Wilmington, NC) -- Monday, April 24
- DISTRICT 1 (Morganton, NC) -- Tuesday, April 25
- DISTRICT 4 (Raleigh, NC) -- Thursday, April 27



In the coming weeks and months, CRSMCA is providing members and peers in the roofing industry opportunities to learn and build relationships through many avenues.

From your local District Meetings throughout the Carolinas to the 80th Annual Meeting/Summer Convention to start your summer and finishing the year with the Annual Golf Tournament and NRCA's CERTA Train-the-Trainer! The CRSMCA Board members and Staff hope that you will find your way to a few of these events.

WHAT ARE YOU SEEKING IN YOUR ASSOCIATION?

This is the question the CRSMCA Board members are asking its members to discuss at the upcoming District Meetings. CRSMCA's primary goal for the



DETAILS & REGISTRATION ON PAGE 15 & ONLINE AT www.crsmdca.org/meetinginfo

80th ANNUAL MEETING & SUMMER CONVENTION
June 22-25, 2023

Omni Grove Park Inn
Asheville, North Carolina
 come and experience an exciting escape with southern hospitality amidst the beauty of the Blue Ridge Mountains of NC

ANNUAL GOLF TOURNAMENT
 CAROLINAS ROOFING AND SHEET METAL CONTRACTORS ASSOCIATION, INC.
 PROFESSIONAL ROOFING CONTRACTORS COVERING THE CAROLINAS

THURS OCTOBER 12
ROCKY RIVER GOLF CLUB [CONCORD, NC]

ABC Supply Co. inc.
TITLE SPONSOR

DETAILS & REGISTRATION AVAILABLE ONLINE AT www.crsmdca.org/meetinginfo

I look forward to speaking with you soon and know that this will be a great opportunity for CRSMCA! -Carla B. Sims

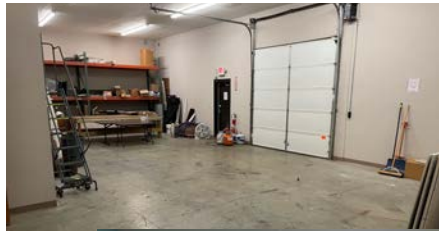
Looking for Training Space in the Charlotte Area?

The CRSMCA headquarters features a conference room and a warehouse demonstration area...perfect for your next training event!

The conference room holds up to 40 people classroom style or set less for an employee or board meeting. The conference room hosts a screen for your projection needs and Wi-Fi.

The warehouse demonstration area is perfect for your set up of products and/or mock-up for the training event. The area is ventilated and can provide shelter in rain or cold weather.

Available for you is your CRSMCA support staff; available to accept shipments and assist with promotional exposure. **Reserve your space: contact the CRSMCA office at 704.556.1228 or csims@crsmca.org.**



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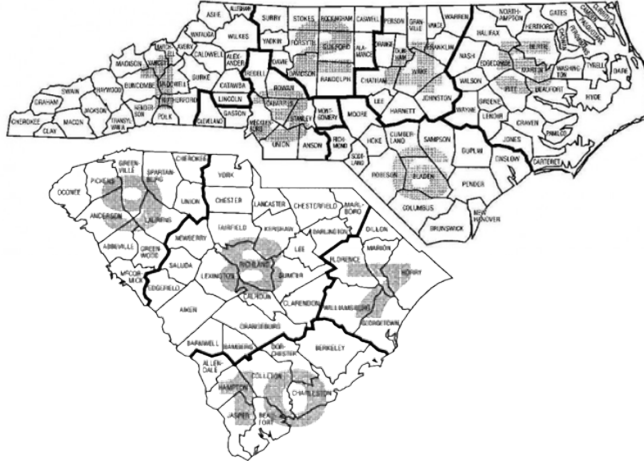
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2023 2024 CALENDAR OF MEETINGS

VISIT US AT
WWW.CRSMCA.ORG
704.556.1228

SPRING DISTRICT MEETINGS

- DISTRICT 9 MARCH 21
- DISTRICT 8 MARCH 23
- DISTRICT 7 MARCH 28
- DISTRICT 6 MARCH 30
- DISTRICT 5 APRIL 4



- DISTRICT 10 APRIL 5
- DISTRICT 3 APRIL 18
- DISTRICT 2 APRIL 20
- DISTRICT 1 APRIL 25
- DISTRICT 4 APRIL 27

REGISTRATION FOR EACH MEETING CAN BE FOUND ON THE HOME PAGE OF THE CRSMCA WEBSITE!

**JUNE
22-25
2023**

80TH ANNUAL MEETING & SUMMER CONVENTION

**OMNI GROVE PARK INN
ASHEVILLE, NC**

REGISTRATION IS OPEN... FIND ADDITIONAL INFORMATION ON THE HOME PAGE OF THE CRSMCA WEBSITE!

ANNUAL GOLF TOURNAMENT

**ROCKY RIVER GOLF COURSE
CONCORD NC**

**OCT
12
2023**

REGISTRATION IS OPEN... FIND ADDITIONAL INFORMATION ON HOME PAGE OF THE CRSMCA WEBSITE!

**JUNE
26-30
2024**

CAROLINAS ROOFING EXPO & ANNUAL MEETING

**MARRIOTT RESORT GRANDE DUNES
MYTLE BEACH, SC**

REGISTRATION WILL OPEN FALL 2023... ADDITIONAL INFORMATION WILL BECOME AVAILABLE AND CAN BE FOUND ON THE HOME PAGE OF THE CRSMCA WEBSITE!

NEWS FROM THE CAROLINAS



LEARN ABOUT THE CRSMC SELF-INSURERS FUND PROGRAM

Carolinas Roofing and Sheet Metal Contractors – Self-Insurers Fund is the oldest worker's Compensation group funded in the Carolinas and could be saving your company money! Members within the CRSMC-SIF program are not just purchasing their workers compensation but investing into a program that brings additional value to their company through a commitment to ensure the safety of their employees. As a member/customer within the program, you participate in building a fund that is beneficial for all members/customers within the program, you could receive competitive rates within the insurance industry, and you could receive a return of interest determined by the CRSMC-SIF Trustees and other approved returns during the year. In the year 2018, the CRSMC-SIF returned more than **\$1 MILLION DOLLARS** to the CRSMC-SIF members!

Additionally, the CRSMC-SIF is large component of support for the CRSMCA through sponsoring the CRSMCA Annual Meeting/Summer Convention and attendance of Trustees at the event. **HAVE YOU CONSIDERED CRSMC-SIF FOR YOUR WORKERS COMPENSATION NEEDS?**



WHAT IS THE CRSMCA MASTER INSTALLERS CERTIFICATION PROGRAM?

The CRSMCA Roofing Academy Master Installer Certification Program is designed to promote safety issues and concerns in the application of the roof systems to prepare the employee for best practices in their job performance. It is intended for the use by anyone with an interest in these roof systems, from roofing workers to foremen to supervisors. It is a culmination of efforts by contractors, manufacturers, suppliers and others who are dedicated to promoting safety.

Enrolled students will learn and train the basics of roofing, increasing their knowledge and skills to make them more valuable to their respective companies, as well as build future leaders in the roofing industry.

HOW DO YOU GET INVOLVED?

The CRSMCA Roofing Academy Committee is always searching for instructors of the classroom material and the hands-on demonstration. View the class and hands-on courses on the CRSMCA website at www.crsmda.org/master_installers. Should you wish to be an instructor, donate materials, and/or be a hands-on instructor; please contact Carla Sims at the CRSMCA office at 704.556.1228 or csims@crsmca.org.



NCDOL
N.C. Department of Labor

www.labor.nc.gov

New login procedures (using Login.gov) became effective October 2022.



Watch the **HOW-TO Video...**

<https://www.youtube.com/watch?reload=9&v=e6i7xHuv7Y>

OSHA provides a secure website that offers three options for injury and illness data submissions. You can manually enter your data, upload a CSV file to add multiple establishments at the same time, or transmit data electronically via an API (application programming interface).

The NCDOL is pleased to offer **pre-recorded webinars** ready for you and your employees to view at your convenience. To access a webinar visit

www.labor.communications.its.state.nc.us/OSHPublic/ETTA/class_regist/calendar.cfm, double-click on the applicable safety and health topic below and it will automatically start the training session.

Note: Some of the webinars are hosted on a training platform and will require you to log in with your name and email in order to access the training session.

The Department of Labor does not provide certificates for employees viewing our pre-recorded webinars. These webinars were live recordings and contain chat conversations. For this reason, you will not be able to interact with the instructor during the recording. If you prefer to receive a certificate and have interaction with an instructor, please refer to our training schedule above for current live webinar offerings.

Training information, registration and course details can be found at www.labor.nc.gov/safety-and-health/training

"YOU DESERVE THE BEST!"



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www.llr.sc.gov

Training information, registration and course details can be found at www.scosha.llronline.com/outreach/trainingspx



www.nrca.net

Since 1886, the National Roofing Contractors Association has been the home for generations of entrepreneurial craftsmen and enterprises who shelter and protect America's families and businesses and each other. Our vision is the recognition of our members as professionals and to unite the industry to that purpose. NRCA is one of the construction industry's most respected trade associations and the voice of roofing professionals and leading authority in the roofing industry for information, education, technology and advocacy. It represents all segments of the roofing industry, including contractors; manufacturers; distributors; architects; consultants; engineers; building owners; and city, state and government agencies. For information about NRCA and its services and offerings, visit nrca.net.

NRCA fights to prevent PVC from being deemed a hazardous material

On Jan. 12, the Environmental Protection Agency tentatively denied a petition by the Center for Biological Diversity to classify PVC as a hazardous waste under the Resource Conservation and Recovery Act. NRCA and coalition partners, led by the Vinyl Institute, were integral to ensuring this unworkable and burdensome potential regulation did not come to fruition.

In 2014, the Center for Biological Diversity petitioned the EPA to regulate discarded PVC as a hazardous waste under the Resource Conservation and Recovery Act and the Toxic Substances Control Act. The EPA swiftly denied the petition under the Toxic Substances Control Act but never ruled on the regulation under the Resource Conservation and Recovery Act. The Center for Biological Diversity sued the EPA in August 2021 to force the agency to act under the Resource Conservation and Recovery Act petition.

PVC is one of the most widely used forms of plastic in roofing and building materials, but it is also in numerous items used every day, such as children's toys, healthcare necessities, clothing, consumer packaging, electronics and many other household goods. However, the Center for Biological Diversity states this material can be harmful to humans and habitats. Remember the ongoing effort to ban plastic straws? This was in that same vein.

After being compelled to address this matter by a court and to avoid further legal action, the EPA proposed a consent decree that promised a preliminary decision by Jan. 20.

When NRCA learned of these developments, it immediately took action to oppose this potential regulation that could be detrimental to our industry and the broader economy. NRCA successfully engaged with its coalition partners, particularly the experts at the Vinyl Institute, Single Ply Roofing Institute, Chemical Fabrics & Film Association and American Chemistry Council. It also held numerous discussions with manufacturing members to strategize how to best provide EPA with the data it needs from the roofing industry to make an informed decision.

This decision is a great win for the industry!



The purpose of the event is to bring the roofing industry together to meet with members of Congress and their staffs and deliver the industry's message with one voice.

Professionals from all segments of the roofing industry will come to Washington, D.C., to advocate for the roofing industry; information about 2023 advocacy issues will be available soon.

Roofing contractors are encouraged to bring one or more standout crew members to help share the industry's story. Registration for Roofing Day in D.C. 2023 is \$95 for company representatives and \$35 for field workers, students and spouses.

Learn more about Roofing Day in D.C. at

www.nrca.net/advocacy/roofingday



The Occupational Safety and Health Administration's 10th annual National Safety Stand-Down will be May 1-5 to raise awareness among employers and workers about the hazards of falls in the construction industry.

OSHA, the National Institute for Occupational Safety and Health, the National Occupational Research Agenda and CPWR—The Center for Construction Research and Training, among other groups, will lead the effort to encourage employers to pause during their workdays for topic discussions, demonstrations and training regarding how to recognize hazards and prevent falls.

OSHA also encourages people to use #StandDown4Safety to promote the event on social media, share feedback after their events and obtain a personalized certificate of participation.

Learn more at www.osha.gov/stop-falls-stand-down

Victims in fatal Charlotte scaffolding collapse identified as investigations continue

Written by Mary Ramsey, Charlotte Observer News UPDATED JANUARY 17, 2023

Local and state agencies continued to investigate what led to a fatal scaffolding collapse at a Charlotte construction site. The incident killed three construction workers when they fell about 70 feet. It also shut down work at the Morehead Street site, where a residential building was going up. Two other workers were injured. The three people who died have been identified publicly by their families: Jose Canaca, Gilberto Monico Fernández and Jesus “Chuy” Olivares. As the investigation continues, the victims’ families are launching fundraisers to help cover their funeral expenses. It could take weeks or months for investigators to release their findings on the collapse.

The case also has brought attention to the risks construction workers face on the job and the oversight of their workplaces. At least 16 people have died in scaffolding accidents in the state in the last 10 years, a Charlotte Observer analysis of Occupational Safety and Health Administration records found.

The OSH Division sent compliance officers to the scene of the collapse to investigate, Labor Department spokeswoman Erin Wilson told the Observer on Tuesday. The agency won’t share details about the accident until its investigation is complete.

OSH investigations typically include visits to the site of the incident and interviews with employees, witnesses and management. The scope of the investigation “will usually be limited to the events surrounding the accident unless observations at the site indicate a broader investigation is needed.” The agency had not previously inspected the construction site, Wilson said.

ABOUT THE SCAFFOLDING PROJECT

Lithko Contracting, LLC — an Ohio-based company with an office in Concord — lists an ongoing “multi-family housing” project at the accident address site on its website. The project is intended to have 17 floors of “cast-in-place concrete frame,” Lithko’s project description says, including four levels of parking and a 13-level residential tower. Lithko did not return requests for comment Tuesday. Lithko lists Texas-based Hanover Company as the customer and owner for the E. Morehead Street project. Hanover also did not respond to requests for comment from The Charlotte Observer.

In October 2020, Hanover won Charlotte City Council approval to rezone the property to a mixed-use site. The project called for up to 350 apartments with a maximum building height of 170 feet, according to city documents.

The private real estate company develops apartment and mixed-use projects in several states including Texas, Arizona, California, Colorado, North Carolina and Pennsylvania, among others. Wilson said Hanover “made the decision to stop construction activities to aid in the investigative process and will remain inactive until further notice.” The men who died worked for Friends Masonry Construction LLC, according to Wilson. The company has addresses in Matthews and Charlotte, according to the NC Secretary of State website. A voicemail left at the Friends Masonry office was not immediately returned.



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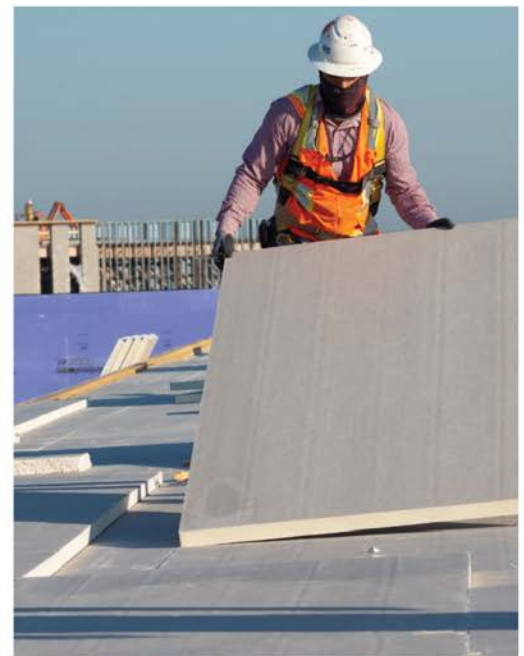
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MEMBERS IN THE SPOTLIGHT

Radco Roofing is proud to celebrate 35 years serving the Southeastern United States as an industry-leading commercial and industrial roofing contractor. Upon opening for business in 1987 in Charlotte, NC, Radco's focus was to exceed the expectations of its customers, which has remained as an unwavering core value decades later.

Ted and Jann Rademacher founded Radco Roofing with little more than a truck, a handful of materials and a drive to succeed. With a focus on maintaining strong relationships with customers, employees and industry partners, Radco has been fortunate to expand from two employees to a dedicated staff of 60+ who offer unmatched craftsmanship and customer service. Despite the growth, Radco has not lost the family centric approach amongst the staff and strives to promote collaboration and strong bonds throughout the company. Radco has some of the highest caliber employees in the industry and cannot thank its staff enough for ropelling Radco to the success it is today.

Radco has been a mainstay in the commercial roofing industry since its inception and has completed work for the Spectrum Center Arena (home of the Charlotte Hornets), Duke Energy, Truist Skyscraper and Atrium Healthcare, to name a few. While the scale of projects may vary, the high level of service and quality does not. Radco is thankful for the relationships with its clients and looks forward to continuing to serve you for the next 35 years as well.

Radco would also like to thank its industry partners including manufacturers, distributors, consultants and subcontractors. The industry has weathered a number of storms over the past 35 years, however, working with such dynamic partners has been critical in Radco's ability to deliver to its customers. The company looks forward to continuing to work together as we head into 2023 and beyond.

Radco is thankful for the past and excited for the future. There is no shortage of outstanding individuals and companies that have made Radco the success that it is today. As summed up by co-founders, Ted and Jann Rademacher, "35 years in business has been very gratifying. From early on in the process of running our

business the focus has remained on the people, families, and community that surround Radco. Thank you to our many hardworking, loyal employees for their dedication.

Thank you to our proud partners, manufacturers, and associations for your relationships over the years. We could not do it without you."



Murr & Laney - Starting Them Young: Plans for the Future

Liam Funderburk is the 8 year old son of Will Funderburk, President of Murr & Laney, Inc. He is the great-grandson of John Laney, one of the original founders of the company, and is the great-nephew of Bill Laney.

What started out as a need for a babysitter, has turned into making plans for a lifelong career.

Liam came to work with his dad one day when Bill Laney happened to be in the shop. Bill took Liam under his wing, and showed him how to make a copper reposit drawing for his dad's birthday.

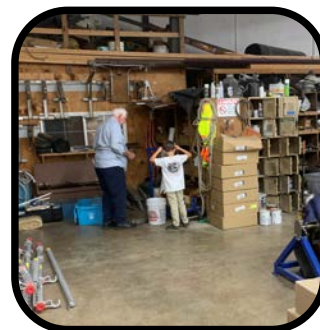
The next time Liam came in, Bill helped him make a copper tool box, and his dad let him ride along to check a few jobs with the understanding he was to sit in the truck.

Seeing the work his dad, uncle Matthew, and the Murr & Laney crew was doing, Liam was hooked! From that day on, he was a continuing presence at Murr & Laney. On days his "best friend" Bill was not available, or he wasn't allowed to ride along on jobs, he would help his grandmother, who is the office manager, with copying, shredding papers, cleaning the office,

etc. He even convinced his older cousin that sweeping the shop was where all good roofers start.

Tears were shed when Liam realized he couldn't come into the shop because he had to return to school, a pep talk from his Great Uncle Bill convinced him school was necessary.

Liam has turned out to be one of our best educators ... teaching his classmates and teacher about copper and slate. His teacher told Will at the first Parent-Teacher conference ... I have learned more about copper and slate, than I ever knew ... and just think, I learned from a second grader!



2023 CAROLINAS MID-WINTER ROOFING EXPO

BENTON CONVENTION CENTER
WINSTON-SALEM, NC

CRSMCA IN PHOTOS



"I really enjoyed the NRCA presentation along with the networking opportunities."



"Good contractor traffic at the expo conference!"



"The speakers had great presentations!"



CRSMCA IN PHOTOS



"The expo did a great job of having things people could be involved in and brought interest to the whole event."



"Great turn out and location!"



"The speakers were very informative."



CAROLINAS roofing expo & annual meeting

3 DAYS OF FAMILY
& BUSINESS

2 CONFERENCE
EVENTS

1 LOCATION

**JUNE
26 - 30
2024**

Marriott Resort Myrtle
Beach Grande Dunes
Myrtle Beach, SC

Cold Adhesive SBS-Modified Bitumen Roofing Applications

Written by Sara Jonas and Tim Kersey, members of the Communications, Marketing and Education Committee for ARMA

SBS Modified Bitumen Roofing Systems are popular choices for low-slope commercial, industrial and institutional buildings when an asphalt system is desired. In addition to providing beauty, affordability and reliability, these systems are trusted to perform exceptionally well against extreme weather conditions. One beneficial aspect is that they can be applied using a variety of different methods, including cold adhesives, torch, self-adhered or hot asphalt, to meet any individual low slope roofing needs.

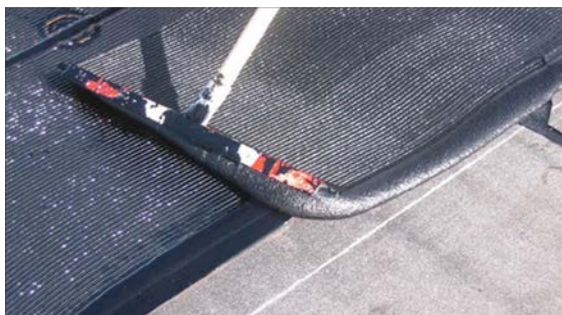
Today, cold adhesive applications are as common in the low slope roofing market as hot asphalt. Cold adhesives, along with flashing cements, plastic cements, sealants and primers, are all asphalt-based products and are an important component of modern asphalt-based roof membrane systems.

Cold adhesives are generally composed of bitumen, solvent, fibers, fillers and stabilizers; some may also contain rubber polymers such as SBS. As the solvent evaporates from the adhesive, the remaining components bond to the modified bitumen surface of the membrane by a type of solvent weld.

Cold Adhesive Application Benefits

For situations in which solvent-based adhesives cannot be utilized, there is a relatively new class of cold adhesives with high solids content that provides options for ultra-low VOCs. Because of the low solvent content, there is virtually no odor to these adhesives, thus they may be installed over occupied buildings and require little to no special handling precautions. These environmentally friendly materials not only act as an adhesive, but upon curing they add an additional elastomeric, polymer-modified, water-resistant layer between the modified bitumen sheet materials and the substrate.

- Roof membranes may be applied with fewer restrictions.
 - Occupied buildings such as schools, hospitals, and offices may be reroofed with the use of low odor and ultra-low VOC cold adhesives.
 - All roof membrane components are in small enough packages that they may be transported by elevator.
 - Buildings with limited rooftop access can be roofed with high performance, redundant SBS-modified membrane systems without the need for cranes or other heavy equipment
- Contractors can save costs.
 - No open flames and no hot kettles can improve working conditions for the crews and potentially lower costs.
- Potential lower Insurance rates with no open flames or kettles on the job.
- Excellent membrane performance is achieved.
 - Cold adhesive (solvent-welding) and flame or hot air (heat-welding) applications provide monolithic membrane performance.
 - Based on test results utilizing ASTM D5849 Standard Test Method for Evaluating Resistance of Modified Bituminous Roofing Membrane to Cyclic Fatigue (Joint Displacement), cold adhesive modified bitumen membrane systems can pass both the unaged and aged test methods associated with this cyclic fatigue test method.



Some Application Tips

- Comfort and safety
 - If solvent-based adhesives are used, ensure that solvent vapors will not be drawn into the building.
 - Most, if not all ultra-low VOC material may be used without this precaution.
 - Avoid contact with sources of ignition.
- Membranes for use with cold-applied adhesives.
 - Always use sand-surfaced sheets; never use with film-backed sheets.
 - Relax sheets prior to their installation if membrane does not lay flat.
- Jobsite Conditions (Temperatures).
 - Ambient temperatures should be between 50°F and 100°F; however applications are acceptable in temperatures below 50°F if the following precautions are taken.
 - Cut rolls in halves or thirds, and allow sheets to relax prior to installation.



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- Positive drainage is required.
 - In any areas of ponding water, heat-welding the side and end laps is highly recommended.
 - Refer to manufacturer for fastening requirements for roof slopes above 1/2:12.
- Cold Adhesive Application Rates.
 - Field coverage rates are between 1.5 – 2.0 gal/100 square feet (0.6 – 0.8 L/m²) for the interply layers and will be higher for the first layer installed on porous substrates.
 - Installation can be done with a V-notched squeegee, roller, brush or approved spray equipment. A 5/16 inch (8 mm) V-notched squeegee will deliver the proper interply rate Of 1.5-2.0 gal/100 square feet.
 - Solvent-based adhesives are self-priming so applying an additional 1.0 gal/100 square feet (0.4 L/m²) over absorptive substrates is generally necessary.
- Set-up (i.e., evaporation time) varies based on drying conditions, such as temperature, humidity and wind, as well as the type and amount of solvent and coverage rates.
 - During set-up time, roof traffic should be avoided in order to prevent adhesive displacement.

For more information, please review manufacturers' cold adhesive product data sheets, cold adhesive installation procedures and general requirements.

If cold adhesive is not appropriate for a particular application, modified bitumen membranes may also be applied by torch (heat-welding), self-adhesive or hot asphalt. For more information about low slope asphalt roofing systems, visit the ARMA website at www.asphaltroofing.org.

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Cold adhesives: a quick reference

- Cold adhesives typically are differentiated by viscosity. High-viscosity cold adhesives (those highly resistant to flow) generally are spread in place with a trowel or notched squeegee, and low-viscosity cold adhesives usually are sprayed in place.
- A cold adhesive ideally should be at room temperature—between 70 and 80 F—at installation time.
- Cold adhesives can be used with APP- and SBS-polymer-modified bitumen sheets but are more commonly used with SBS sheets. Only polymer-modified bitumen sheets but are more commonly used with SBS sheets. Only polymer-modified bitumen sheets with sand or talc on their undersides can be used with cold adhesives.
- Cold adhesives cure as solvent is released—the solid left behind is the adhesive. Be cognizant of a cold adhesive's location within a roof system and provide an adequate path for the release of solvents.
- Cold adhesives may be installed only on a substrate, or they may be installed on a substrate and on the backs of polymer-modified bitumen sheets. If installed on both surfaces, the amount of cold adhesive on each surface should be half the total amount required.
- Open time—the amount of time cold adhesives should be exposed before a polymer-modified bitumen sheet can be installed on a substrate—allows for the initial release of solvents, which prevents too much solvent from being trapped.

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CRSMCA 80TH ANNUAL MEETING/SUMMER CONVENTION
TENTATIVE CONFERENCE AGENDA
JUNE 22 – 25, 2023



Wednesday, June 21, 2023

4:30pm - 6:00pm

CRSMCA Executive Committee Meeting

Thursday, June 22, 2023

Fly Fishing Excursion

information coming soon

12:00pm - 5:00pm

Registration Desk Open

2:00pm - 3:30pm

CRSMCA Board of Directors & Associate Group Liaisons Meeting

4:00pm - 6:00pm

Networking Reception

Friday, June 23, 2023

8:00am - 12:00pm

Registration Desk Open

8:15am - 8:45am

Associate Group Membership Meeting

9:00am - 9:15am

Welcome Announcements | Business Session

To provide conference details, recognize CRSMCA Board members and special sponsors.

9:20am - 10:15am

NRCA Update

NRCA will update CRSMCA members on NRCA activities and trends within the roofing industry and nationwide.

15min BREAK

10:30am - 12:00pm

Mitch Reaves, Long-time Colleague & Friend in the Roofing Industry

“The Roofing Food Chain: What I Learned During 41 Years in the Roofing Industry”

4:00pm - 6:00pm

Networking Reception



CONFERENCE LOCATION HOSTED AT

The Omni Grove Park Inn

290 Macon Avenue | Asheville, NC | 336-423-3153



Saturday, June 24, 2023

8:00am - 11:00am

Registration Desk Open

8:30am - 10:00am

Past President Roundtable Q & A

Moderated by DSA Recipient

CRSMCA Members will discuss current membership needs and important issues

15min BREAK

10:15am - 11:45am

CRSMC-SIF Presentation

Sponsored by the CRSMC-Self Insurers Fund

4:00pm - 6:00pm

Honors Recognition Reception

4:45pm Awards Ceremony

CRSMCA Executive Committee will recognize the leaders of CRSMCA, welcome new Board members, honor the 2023 graduating class of the CRSMCA Master Installers Certification Program, and announce the Gordon M. Waters Distinguished Service Award recipient.

ACTIVITIES OF INTEREST:

Golf at The Omni Grove Park Inn

*discounted rate of \$152 per player (includes cart fee & taxes)

**MUST RESERVE BY CALLING 828.398.3858, state “CRSMCA GROUP”

Spa at The Omni Grove Park Inn

*reservations suggested as soon as possible, call 800.438.5800

The Adventure Center of Asheville:

www.ashevilletreetopsadventurepark.com

Chimney Rock Park: www.chimneyrockpark.com

River Arts District: www.riverartsdistrict.com

WNC Nature Center: www.wildwnc.org

CRSMCA 80th ANNUAL MEETING/SUMMER CONVENTION

REGISTRATION FORM



*Please complete this form to the best of your ability and return to
Carla Sims (CRSMCA Executive Director) at cbsims@crsmca.org by
the date provided below. Questions: 704.556.1228 ext 402

PO Box 7643 | Charlotte, NC 28241
www.crsmca.org

CONFERENCE DATE: JUNE 22-25, 2023 **RSVP PRIOR TO: JUNE 1, 2023**

LOCATION: The Omni Grove Park Inn 290 Macon Avenue Asheville, NC 336.423.3153	ROOM RESERVATIONS: <i>Special Rate Ends MAY 22, 2023</i> Group Rate \$299, plus applicable fees & taxes Quick Link Available Phone: 800.438.5800 [CRSMCA Annual Meeting Summer Convention]
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COMPANY INFORMATION

NAME: _____ CONTACT: _____
 EMAIL: _____ NUMBER: _____

PLEASE REGISTER THE FOLLOWING COUPLE(S):

COUPLE 1: _____ and _____
 COUPLE 2: _____ and _____
 COUPLE 3: _____ and _____

PLEASE REGISTER THE FOLLOWING CHILDREN:

CHILD 1: _____ AGE _____ CHILD 2: _____ AGE _____
 CHILD 3: _____ AGE _____ CHILD 4: _____ AGE _____
 CHILD 5: _____ AGE _____ CHILD 6: _____ AGE _____

FEE PER COUPLE: \$545.00 **FEE PER CHILD [19 yrs+]:** \$75.00
FEE PER COUPLE [PAST PRESIDENT]: \$445.00 **FEE PER CHILD [3-18 yrs]:** \$50.00
FEE PER COUPLE [RETIRED MEMBER]: \$225.00

REGISTRATION FEES include attendance to all education programs and networking receptions. Be sure to review all items for excursions offered as well as areas of interest to make your visit at the CRSMCA Annual Meeting/Summer Convention and exciting time for you and your family!
CANCELLATIONS WILL NOT BE ACCEPTED AFTER JUNE 1, 2023

PAYMENT MUST ACCOMPANY REGISTRATION **TOTAL FEES TO BE PAID \$**

check enclosed credit card **payments will incur 3% convenience fee*

CARD NUMBER: _____
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*Due to PCI compliance, CRSMCA can not retain credit card information. For security purposes, all information will be destroyed after processing.
 Thank you for your understanding.*

CRSMCA 80TH ANNUAL MEETING/SUMMER CONVENTION SPONSORSHIP FORM



PO Box 7643 | Charlotte, NC 28241
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Are you interested in becoming a sponsor of CRSMCA's 2023 Annual Meeting/Summer Convention?

CRSMCA has developed levels of sponsorship to be applied to the advancement of education and networking for the CRSMCA Annual Meeting/Summer Convention. CRSMCA would like to thank you for your consideration in being a conference sponsor.

Professional Sponsor [\$5,000]

- *Recognized as "Professional" Sponsor at the conference
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 - *Recognized as "Professional" Sponsor on the CRSMCA website, CRSMCA Weekly e-Newsletter, and other promotional conference materials
- *(2) Complimentary Couple Registrations

Diamond Sponsor for BAGS [\$4,000]

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- *(1) Complimentary Couple Registration
- *Company logo printed on bags

Platinum Sponsor for T-SHIRTS [\$3,000]

- *Recognized as "Platinum" Sponsor at the conference
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- *(1) Complimentary Couple Registration
- *Company logo printed on t-shirts

Gold Sponsor for Selected Reception [\$2,000]

- Thursday Reception Friday Reception Saturday Reception

- *Recognized as "Gold" Sponsor at the conference
- *Complimentary half-page advertisement in *Carolinas Contacts* Magazine and conference program
- *Recognized as "Gold" Sponsor on the CRSMCA website, CRSMCA Weekly e-Newsletter, and other promotional conference materials

Bronze Sponsor for Selected Event Material [\$1,000]

- Lanyards Badges

- *Recognized as "Bronze" Sponsor at the conference
 - *Complimentary 1/4-page advertisement in *Carolinas Contacts* Magazine and conference program
 - *Recognized as "Bronze" Sponsor on the CRSMCA website, CRSMCA Weekly e-Newsletter, and other promotional conference materials
- *Company logo printed on selected event material

Be a Supporting Sponsor [\$300]

- Past President (only applicable only for Past President) Goodwill

- *Recognized as a Sponsor at the conference, on the CRSMCA website, CRSMCA Weekly e-Newsletter, and other promotional conference materials

PLEASE NOTE: 2023-2024 Membership Dues Invoice must be PAID in addition to your selected sponsorship listed.

SEND COMPLETED FORMS TO CRSMCA – cbsims@crsmca.org

PAYMENT SELECTION:

- check enclosed credit card* (3% convenience fee will be added)

Company Name

Contact Name

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Expiration Date

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Mailing Zip Code

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* Due to PCI Compliance, CRSMCA is no longer able to retain your credit card authorization.

01/2023

**CRSMCA 80TH ANNUAL MEETING/ SUMMER CONVENTION
2023 GORDON M. WATERS DISTINGUISHED SERVICE AWARD
NOMINATION FORM**



PO Box 7643 | Charlotte, NC 28241-7643
704.556.1228 | cbsims@crsmca.org | www.crsmca.org

The 2023 Distinguished Service Award Committee Chairman, is requesting nominations for the 2023 Gordon M. Waters Distinguished Service Award recipient. CRSMCA has dedicated this as the highest honor awarded to a CRSMCA member for their dedication and service to the CRSMCA, the roofing industry and its community. It is our hope that you have someone within your company or friendships within the CRSMCA community, that you feel deserves this award and its highest level of recognition.

The following are guidelines the committee uses to make their decision:

- Has served on the board and was an active participant
- Has the respect of the majority of our membership
- Should be a Mentor/a developer of next generation of leaders for the association
- Good business model
- Good moral character
- Community leader
- Proven service and leadership to the association
- Proven service to the industry
- Responds positively when asked to serve
- Shows true passion for the association
- Should be a long-standing member

I PROUDLY NOMINATE:

Name	Company
------	---------

Please provide a brief description as to why you feel this person deserves this award. This information is used to consider your nomination.

Please send your nomination to the association office by **MAY 15, 2023** via email to cbsims@crsmca.org. CRSMCA will forward nominations to the Chairman. The committee will then decide on the recipient by a unanimous vote.

THANK YOU FOR YOUR PARTICIPATION AND SUPPORT FOR CRSMCA!

SAFETY TALKS



Cold Medications and Construction Work Don't Miz

A chill is in the air, and you all know what that means — it's time for cold and flu season, and it seems everyone you know is suddenly sneezing, sniffing, or worse.

Each year 5% to 20% of the US population contracts the flu, and many more get the common cold. A relatively small percentage results in hospitalization. Instead, most people self-medicate using over-the-counter medications that promise relief from coughs, congestion, runny nose, and other symptoms. However, an important fact to remember is that sometimes, cold medications and construction work just don't mix.

The most common side effect of over-the-counter cold and flu medicine is drowsiness. Not only does this make you want to curl up in a corner of the jobsite and take a nap, it decreases your level of alertness and increases your reaction time. For that reason, taking cold and flu medications and then coming to work and performing tasks at heights, standing on ladders, using machinery, or handling sharp pieces of sheet metal, can be dangerous.

If it is an option, stay home, get well, and get back to work as soon as you can. After all, coming to work when you are ill and under the influence of cold and flu medication not only increases your risk of injury, it also increases the likelihood that your virus will get passed to your co-workers, and that your own recovery may be delayed.

However, for many of us not working is not really an option. If that is the case, remember to do the following:

1. Let your supervisor know about your cold and the medications you are taking. It may be possible to change your work assignments or temporarily arrange for less hazardous work. Also, know what medications you are taking. If you are injured, your supervisor and emergency responders will need that information.
2. Take medications that do not cause drowsiness while at work and only take medications that have drowsiness as a possible side-effect when you are away from work. However, do not mix medications. Some drugs are incompatible and mixing them can cause more harm than good.
3. Don't try new remedies during work hours. If you feel like experimenting with something new or different, do it over the weekend. Everyone reacts differently to cold and flu medication. Find one that works best and gives you the least troublesome side effects and stick with it.
4. Follow the recommended dosages of the medication that you are taking. Exceeding the recommended dosage does not improve the effectiveness of the medication. In fact, what usually happens is that side effects, such as drowsiness, become more pronounced.

DISCUSS WITH YOUR CREW

If any of you are taking cold and flu medicine now, please let your crew supervisor know today.

SAFETY TALK ATTENDEES:

CHARLAS DE SEGURIDAD



Los medicamentos para el resfriado y el trabajo de construcción no se mezclan

Hay un escalofrío en el aire, y todos saben lo que eso significa: es hora de la temporada de resfriados y gripe, y parece que todos los que conocen de repente estornudan, lloriquean o algo peor.

Cada año, entre el 5% y el 20% de la población de los EE. UU. contrae la gripe y muchos más contraen el resfriado común. Un porcentaje relativamente pequeño resulta en hospitalización. En cambio, la mayoría de las personas se automedican con medicamentos de venta libre que prometen aliviar la tos, la congestión, la secreción nasal y otros síntomas. Sin embargo, un hecho importante para recordar es que, a veces, los medicamentos para el resfriado y el trabajo de construcción simplemente no se mezclan.

El efecto secundario más común de los medicamentos de venta libre para el resfriado y la gripe es la somnolencia. Esto no solo hace que desee acurrucarse en un rincón del lugar de trabajo y tomar una siesta, sino que también disminuye su nivel de alerta y aumenta su tiempo de reacción. Por esa razón, tomar medicamentos para el resfriado y la gripe y luego ir a trabajar y realizar tareas en altura, pararse en escaleras, usar maquinaria o manipular piezas afiladas de láminas de metal, puede ser peligroso.

Si es una opción, quédese en casa, recupérese y vuelva a trabajar tan pronto como pueda. Después de todo, ir a trabajar cuando está enfermo y bajo la influencia de medicamentos para el resfriado y la gripe no solo aumenta el riesgo de lesiones, sino que también aumenta la probabilidad de que el virus se transmita a sus compañeros de trabajo y que su propia recuperación pueda estar retrasado.

Sin embargo, para muchos de nosotros no trabajar no es realmente una opción. Si ese es el caso, recuerda hacer lo siguiente:

1. Informe a su supervisor sobre su resfriado y los medicamentos que está tomando. Puede ser posible cambiar sus asignaciones de trabajo o hacer arreglos temporales para un trabajo menos peligroso. Además, sepa qué medicamentos está tomando. Si se lesiona, su supervisor y los servicios de emergencia necesitarán esa información.
2. Tome medicamentos que no causen somnolencia mientras está en el trabajo y solo tome medicamentos que tengan somnolencia como un posible efecto secundario cuando esté fuera del trabajo. Sin embargo, no mezcle medicamentos. Algunas drogas son incompatibles y mezclarlas puede causar más daño que bien.
3. No pruebe nuevos remedios durante las horas de trabajo. Si tienes ganas de experimentar con algo nuevo o diferente, hazlo durante el fin de semana. Todos reaccionan de manera diferente a los medicamentos para el resfriado y la gripe. Encuentre uno que funcione mejor y le brinde los efectos secundarios menos molestos y manténgalo.
4. Siga las dosis recomendadas del medicamento que está tomando. Exceder la dosis recomendada no mejora la eficacia del medicamento. De hecho, lo que suele ocurrir es que los efectos secundarios, como la somnolencia, se acentúan.

DISCUTA CON SU EQUIPO

Si alguno de ustedes está tomando medicamentos para el resfriado y la gripe ahora, infórmele hoy a su supervisor de tripulación.

ASISTENTES DE LA CHARLA DE SEGURIDAD:
