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SPRING 2019

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of Roofing and  
Waterproofing  
in Illinois  
and Beyond

Paid Sick Leave in Illinois and Chicago

Lifting Roofing Contractors  
Into the Profit Zone

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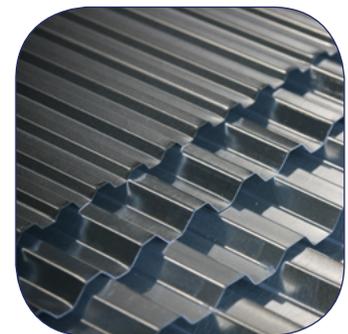
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SPRING 2019

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# Leadership, Are You Qualified to Lead?

By Troy Wormley

**W**hat types of character traits make a good leader? Here are five qualities I believe to be extremely effective:

1. Strong communication—without a doubt, being an effective communicator is a top attribute of a strategic leader
2. Passion & Commitment—enthusiasm for your mission or project will get others excited because they see and feel your dedication
3. Positivity—a positive attitude is contagious
4. Innovation
5. Collaboration

Then really what is leadership? To quote Bill Taylor, from his article, *Do You Pass The Leadership Test*, "The true mark of a leader is the willingness to stick with a bold course of action—an unconventional business strategy, a unique product-development roadmap, a controversial marketing campaign—even as the rest of the world wonders why you're not marching in step with the status quo. In other words, real leaders are happy to zig while others zag. They understand that in an era of hyper-competition and non-stop disruption, the only way to stand out from the crowd is to stand for something special."

Taylor hits it right on the head. Through our leadership, we must create a strategic advantage, as well as foster change and innovation for its people. My approach to leadership has always been to involve my employees in decision-making processes, to give them ownership; rather than telling people *what* to do. I ask "How do you think it should be done?" This approach allows for passionate, empowered, and responsible employees.

As your youngest CRCA President, I want to share with you the CRCA's Code of Ethics. These codes, or rules, if you will, are my "mantra" for leading this great organization. By adhering to, abiding by, and instilling these ethics to all our members, we're able to maintain

our stellar reputation within the industry, and grow it for years to come.

- To encourage and foster a feeling of friendship and cooperation among its members.
- To provide for the mutual exchange of practical and educational information and data that may be useful to its members.
- To establish, and endeavor to maintain, a high standard of business ethics and conduct among its members, and to encourage such feelings among all others associated in the roofing industry.
- To develop and maintain a close association with all labor unions affecting its members and their employees. Through this association and its activities with public relations, to remain in close contact with Architects, Engineers, Owners and the General Public so that all these efforts are channeled to the best interest of our members and their employees, and for the interest of our industry and the public welfare.

It is an honor to serve this esteemed association, and I look forward to leading with all of you, our dedicated members, for this year and beyond. Thank you! 🏡

## References:

Taylor, Bill, Harvard Business Review, 2010, <https://hbr.org/2010/08/pass-leadership-test>



Troy Wormley  
W.B.R. Roofing Company, Inc.  
2019 CRCA President

# Connecting the Dots . . . 2019 CRCA Trade Show Health & Safety Seminar

By Frank Marino, CSP



Frank Marino, CSP

This year's CRCA Trade Show safety seminar focused on jobsite safety from start to finish. From the estimating process, to stocking the roof, all the way to the download. The seminar was applicable to all individuals involved in roofing, including owners, estimators, project managers, shop workers, and roofers. The seminar provided an in-depth look into all aspects of the roofing process, allowing everyone involved to gain a better understanding of activities they may not be familiar with. For example, a roofer got to see areas of concern for estimators, and vice-versa.

The seminar began, as it usually does, with a look back at 2018. This included OSHA's Top 10 citations from their fiscal year, as well as local CRCA data from safety inspections from the membership.

## OSHA Top 10-FY Most Frequently Cited Standards

# Violations	Total
1. Fall Protection	7,216
2. Hazard Communication	4,537
3. Scaffolding	3,319
4. Respiratory Protection	3,112
5. Lockout / Tagout	2,923
6. Ladders	2,780
7. Powered Industrial Trucks	2,281
8. Fall Protection Training	1,978
9. Machine Guarding	1,969
10. Eye & Face Protection	1,528

# Violations—Fall Protection Further Defined

1. Fall Protection	7,216
--------------------	-------

## Top Five Sections Cited:

- (b)(13) Residential
- (b)(1) Unprotected Side / Edge
- (b)(10) Low-Slope Roofing
- (b)(11) Steep-Slope Roofing
- (b)(4)(i) Holes / Skylights

Inspections performed on behalf of the CRCA provided recommendations consistent with OSHA's Top 10 from 2018. We believe this indicates roofing contractors in Chicago have shared concerns with contractor's nation-wide.

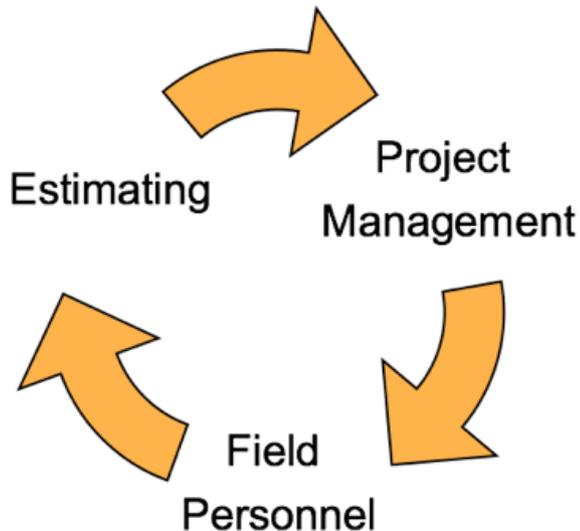


## 2018 Inspection Recommendation Categories



Connecting the Dots for safety involves evaluating all aspects of the roofing process. The seminar began by explaining why these aspects compliment each other and are necessary for success. The seminar provided discussion in all the areas and provided a glimpse into areas not often experienced for many of the attendees in the audience.

## Keys to an Effective Job...



- Downloading the jobsite
- Lessons learned
- Feedback from customers

The 2019 CRCA Trade Show Health & Safety Seminar was a huge success. More than 250 people were in attendance and provided great feedback that will help all CRCA members provide a safe and healthy workplace. On behalf of CRCA's Safety Committee, we are looking forward to a great 2019 season as we begin preparing for the January 16-17, 2020 CRCA trade show. 

*Frank Marino is Vice President at Safety Check Inc., a safety consulting firm in the Chicago area and CRCA Associate Member. Marino has extensive experience in roofing safety. He can be reached at [fmarino@safetycheckinc.com](mailto:fmarino@safetycheckinc.com).*

Every job performed begins with the estimating process. Safety has become a staple in this process and is essential for success. The following steps can help ensure all potential hazards are identified and addressed:

- Pre-Job Inspection
- Access, Electrical, Building Considerations, Working Hours
- Job Hazard Analysis / Site Safety Plan
- Fall Protection and Rescue Plan
- Loading at the shop or yard
- Staging area onsite
- PFAS or Fall Protection for loading

The discussion then went on to performing work on the roof. As mentioned before, preplanning is essential for success, but it is only as good as it is used in action. The seminar provided for discussion on safety challenges on the roof. The discussion included:

- Types of jobs or roofing systems
- Mechanical Equipment
- Ongoing inspections and training
- Corrective action and incident reporting

The discussion rounded out by conversation on the completion of the job. Emphasis was placed on the idea that safety does not end at the completion of a project. How we learn from the challenges of current jobs are key to addressing them on future jobs. Attendees provided insight on:

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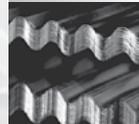
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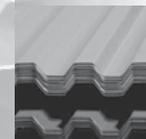
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# Paid Sick Leave in Illinois and Chicago—What You Need to Know

By Tracey L. Truesdale



Tracey L. Truesdale

**A**s we move further into 2019, please make note of the following new or revised employment laws that may affect your company and how you or your customers do business.

found at [http://www.illinoisattorneygeneral.gov/rights/mvrb\\_iserra\\_poster\\_0818.pdf](http://www.illinoisattorneygeneral.gov/rights/mvrb_iserra_poster_0818.pdf).

- **Expansion of the Equal Pay Act**—IL employers must provide equal pay for men and women during the same work and is now expanded to include African-American employees
- **Biometric Policies**—employers must establish written policy on retention/destruction of such information as fingerprints and retinal scans).

## CITY OF CHICAGO

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- **Paid Breaks for Nursing Mothers**—reasonable, paid breacktime for up to one year after child's birth.
- **Human Rights Act Amendments**—time frame for filing a charge of discrimination with IDHR expanded from 180 to 300 days, complainants can skip IDHR for investigation and instead proceed directly to state court and most important, employers must post the new IDHR notice (found at [https://www2.illinois.gov/dhr/Publications/Documents/SH and DISCRIMINATION EMPLOYEE POSTER.pdf](https://www2.illinois.gov/dhr/Publications/Documents/SH%20and%20DISCRIMINATION%20EMPLOYEE%20POSTER.pdf)) re employee's right to be free from sexual harassment *AND THE INFORMATION CONTAINED IN THIS NOTICE MUST BE INCLUDED IN YOUR EMPLOYEE HANDBOOK.*
- **Employee Expense Reimbursement**—employers must reimburse employees for all expenses incurred in the scope of their employment. (Employers may establish written policies setting the amounts and requirements for expense reimbursement. . . . again, include in your employee handbook).
- **Military Service Further Defined**—includes unpaid leave for employees needing medical treatment from an injury sustained during a period of active service and specific treatment for performance ratings for employees who are absent during a period of active service; new posting requirement,

- Chicago Sick Leave Ordinance—This is a reminder of the ordinance that went into effect in July of 2017 covering employees of firms working in the City of Chicago, with a physical location also in Chicago. (Please note that a similar sick leave ordinance also exists for Cook County. To learn more, visit <https://www.cookcountyil.gov/sites/default/files/service/model-earned-sick-leave-notice-employees-workplace-poster.pdf> or <https://www.govdocs.com/final-regulations-cook-county-earned-sick-leave-ordinance-announced/>.)
- Key Information of the Chicago Sick Leave Ordinance:
  1. **Who is covered and eligible for paid sick leave:** any covered employee who works within Chicago's city limits and works at least 80 hours for a Chicago employer within any 120-day period. (See the ordinance for accrual information text and what type of sick leave is allowed.) The employer must maintain a business facility within the geographic boundaries of Chicago and/or be required to be licensed by the City of Chicago.
  2. **What do they receive:** For every 40 hours after the covered employee's paid sick leave begins to accrue, he/she shall receive one hour of paid sick leave, in hourly increments, up to a maximum of 40 hours (five days) per year. (See the ordinance text for more specifics.)

An employer can restrict use of paid sick leave until the employee has completed six full months of employment.

3. **Who has to pay:** Employers that maintain a business facility within the geographic boundaries of Chicago and/or is required to be licensed by the city and the employees work at least two hours of work for the employer within a two-week period within the geographic boundaries of Chicago unless:

- The employer has entered into a collective bargaining agreement and the employee is performing Construction work (see Chap. 1-24 of the ordinance for a complete description. "Construction" includes moving related materials to a job site but may not include those employees not specifically involved in other day to day operations such as office staff, warehouse staff, etc.)

- The employer's sick leave policy meets or exceed that of the Chicago Sick Leave Ordinance

4. **Employers must maintain at a minimum, certain records** for covered employees for a time period of not less than five years such as: mailing address, occupation, hire date, eligible date, pay rates, etc.

5. **Non-compliance can be expensive:** If employers do not comply as directed by the ordinance and taken to court, the affected employee may recover 3x the underpayment.

To learn more about, visit the above, visit <https://ogletree.com/insights/2018-12-27/illinois-rings-in-the-new-year-with-new-employment-laws/>. 

*Tracey is Senior Counsel for Ogletree Deakins, a leading labor and employment law firm with locations in the United States, Canada, Mexico and Europe. She has practiced in the area of labor and employment law since 1991. For more information, contact [tracey.truesdale@ogletree.com](mailto:tracey.truesdale@ogletree.com).*



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# Boom Cranes: Lifting Roofing Contractors Into the Profit Zone

By Bob Masiak



Bob Masiak

## The Good Old Days

"The Good Old Days" is a term used when referring to better times in the past. If you talk about "The Good Old Days", you are inferring that there was a time in the past when you believe that life was better, easier, somehow, some way.

There are always exceptions.

None more notable and meaningful than what "The Good Old Days" meant for professional roofing contractors in terms of the tools and equipment they used to get the job done. In these past times, cranes were NOT part of the Professional Roofing Contractor's arsenal of tools.

## The Jobsite 'B.C.'—(Before Cranes)

It's the early 1970's. Roofers are using hammers, not nail guns. Roofers must hope that they can find any breach, crack, or hole with their bare eyes. Infrared technology, enabling you to 'see' hot air escaping, or water leaking, is future technology.

Workers are slogging heavy bundles of roofing materials up stairwells or ladders to the rooftop. Maybe they are lucky and work for a company that uses a 'Smith Hoist', a crude precursor to the boom crane. The Smith Hoist was a kit that had to be moved from job to job, assembled on the roof top, used as a hoist, then disassembled, only to be carted to the next job site and reassembled again. It was a low capacity swing beam with a hoist typically with a 400 lb. to 800 lb. capacity (if manual) The 400 lb. capacity hoist beam had an 'outswing' of 3'6" side-to-side with a 7'9" beam. The 800 lb. capacity rig had a working beam of 10 ft. and could swing 4'7" side-to-side so mobility or where it could pick up or deposit a load was limited. Workers manually cranked loads up to the rooftop. (Some Smith Hoists were electric with a bit more capacity.) It was time and labor intensive. Contractors used pulley systems,

block and tackle, to lift roofing materials. Conveyor belts, also requiring assembly, tear-down, and transport to the next jobsite, were also used.

Disposal of roof tear-off was another time and labor-intensive project. Temporary chutes were assembled to handle debris. Workers dumped debris down the chutes which emptied into dumpsters below. When the tear-off work was completed, the chutes had to be disassembled and then carted by trailer or truck to the next job site, only to be reassembled once again. Assemble—Disassemble—Pack up & move to the next job site. Like the Smith Hoist, the tear-off chutes got the job done, but at what cost? The man-hours to assemble and disassemble created inefficiencies that ate away at the bottom line, the profit zone. The roofing industry needed new tools to increase efficiency.

## Change

Successful professional roofing contractors operating today, have taken advantage of the capabilities of cranes since the early '70's when two brothers, who owned a small trucking company, recognized how truck-mounted boom cranes could increase efficiency in the roofing, sign and tree-care industries. This company, Giuffre Bros. Cranes, hoping to revolutionize the roofing industry, decided to focus on boom crane sales and accessories such as pallet forks, hydraulic dumpsters, hydraulic clams, gravel hoppers. This "roofers package" was designed expressly to enhance the utility of boom cranes. The last 30 years have seen a large increase in boom crane usage throughout the roofing industry, regardless of geographic location or market size. There is no secret behind the expansion of boom crane utilization among roofing contractors. Cranes are extremely useful, vital, pieces of equipment, which when properly employed and operated, increases the safety, efficiency, and bottom-line profitability of major roofing projects.

Mobile boom cranes, mounted on conventional single axle and tandem axle trucks, are conveniently driven from job site-to-job site with minimal assembly or setup

required. They can start working almost immediately utilizing powerful lifting capacities and access to great heights.

The role of the mobile truck mounted boom crane is to safely place materials in areas that other equipment such as forklifts and telehandlers cannot reach. A crane is often the primary tool that moves roofing materials from the ground, trailer, or delivery truck lifting materials to a strategic installation point or central location on the roof top for efficient material dispersal as needed by roof top workers. Cranes can easily hoist heavy roofing materials weighing thousands of pounds to rooftops that reach 100 feet or higher.



*(Giuffre Bros Cranes, Inc. Photo)*

CRCA Member, Bruce Diederich, President of Waukegan Roofing and CRCA Past President, shared his insight on how cranes have transformed the operations of his firm and the professional roofing contractors in general. "Our firm purchased a used National 650 Crane on a Chevy Chassis in the 1980's and it transformed our company's production capabilities almost overnight. There was a learning curve related to operating the equipment with a dedicated truck driver/operator and how the roofers would use it on the job to maximize the efficiency of crew. It took some time for the crews to realize what the crane could and couldn't do on the job but very soon, everyone was on board. Since that first crane, we have purchased three additional cranes, both new and used, over the last 20 years." Diederich commented that Waukegan retired the first two cranes and upgraded the fleet to newer, larger cranes with greater lifting capacity and longer reach on trucks with increased hauling capacity as the company's needs have required.

By owning and operating truck mounted cranes, roofing contractors realize that they have greater control over jobsite conditions such as:

- Delivery and handling of roof top safety and production equipment

- Jobsite set-up
- Material handling
- Debris handling
- Rooftop production efficiencies
- Down loading material and equipment upon completion of the work
- Overall efficiency by not needing to rely on a distributor or crane rental company to show up on time with the right sized equipment needed to do the job

Truck mounted cranes have improved the efficiency of the roofing industry and the professional roofing contractor in many different ways. Diederich replied that ". . . and as the equipment continues to improve, our production will also improve with it, as long as we continue to invest in the operator education and implementation of the new technological improvements to the equipment."

### **Versatility**

With the use of hydraulic twin-lines, crane operators can 'Clam' gravel from the ground up to the roof top into 'gravel hoppers', where workers wheel their barrow under the hopper to fill. Cranes utilize pallet forks or straps to lift pallets of roofing materials, quickly lifting and moving large quantities of heavy roofing materials.

Cranes are versatile when handling debris. That same twin-line can operate a hydraulic dump box with bottom doors that open and close with hydraulic rams. Workers fill the box up with tear-off. The crane operator then lifts the box, swings it over the dumpster and pulls a lever hydraulically opening the bottom doors dumping the waste into the dumpster.

Cranes double as material moving trucks. Although the load on the 20'x8' bed is limited on a single axle truck to approximately 4,000 lbs. (slightly more on a tandem), the use of a pusher or tag axle can add approximately 10,000–20,000 lbs. carrying capacity on the bed depending on truck and G.V.W.R. If adding a pusher or tag axle doesn't appeal to you, installing a 20 Ton Pintle Hitch will allow you to pull a trailer loaded with roofing materials. The crane can easily set up and lift the materials directly from the trailer, up to the rooftop. Keep in mind that a Class-B CDL may only pull a trailer up to 9,999 lbs. You need a Class-A CDL to pull a trailer with 10,000 lbs. or more.

### **Roofing Contractors Must Squeeze Utility Out of Their Boom Trucks**

Beyond these 'typical' uses, roofing companies have found that the challenge is to maximize the functionality

and utility of their crane. A roofing contractor may not ever think of it, but he relies on his crane to be a mobile office, a toolbox, taxi, waste hauler, a tow vehicle pulling a trailer, and a travelling billboard, advertising the company name in large letters stretching the length of the boom.

Most companies paint the crane in readily identifiable 'company fleet colors'. There's nothing more impressive than a crane, boom high in the air, outriggers spread wide, with YOUR company colors and YOUR name, reaching for the sky. Traffic slows. Heads swivel. Equipment with curbside appeal is a great ambassador for your company, an intangible asset that strengthens your good reputation which took years to build. Everything we do represents the company we work for. Do you have a company culture that is consistent with *how you wish to appear outwardly?*

Smaller jobsites don't always warrant the use of cranes. In some situations, telehandlers (extendable boom forklifts) are more appropriate. Today, a roofing contractor should own BOTH.

All Terrain Telehandler 'forklifts' in the 8,000 lb. to 10,000 lb. capacity range (with 44 ft. and 56 ft. booms respectively), absolutely complement the truck mounted boom crane. Roofers find that telehandlers often hit their 'sweet spot' for lift capacity and height. The majority of professional roofing contractors who are using telehandler forklifts, *also own cranes.*



(Giuffre Bros Cranes, Inc. Photo)

The telehandler allows a contractor to get so much more work done. Two pieces of equipment are working in tandem at the same jobsite. If you are using the crane to move roofing materials, you are eliminating that crane from doing any other task for a long time, and time is money on the jobsite! Delegated tasks for a Telehandler include delivery of rooftop materials, equipment, safety equipment, and man-lift platforms that attach to the forks.

## Conclusion

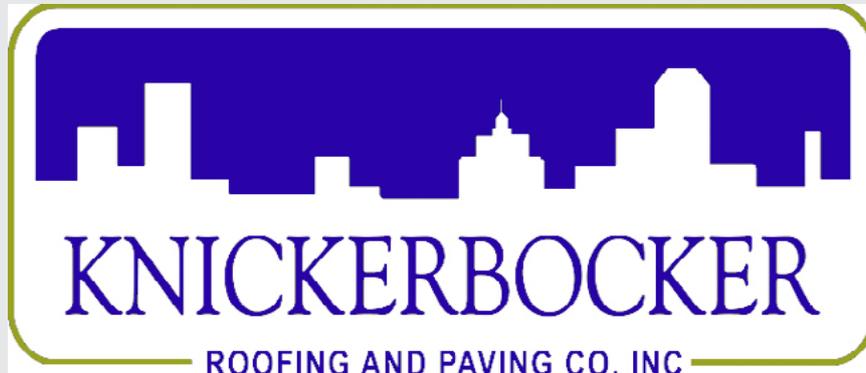
When it comes to installing something as complicated as roofing systems, no contractor gets the job done all by himself. Roofing contractors rely on manufacturers, distributors, subcontractors, bankers, and accountants to name a few. Your team of dependable, reliable, skilled personnel are the project managers, purchasing agents, estimators, administrative staff and the men on the roof all in place to support each project. Don't forget the equipment and fleet of service vehicles, all in place to help the contractor succeed on a single project. The difference between a smooth-running operation and a nightmarish headache, can depend on any one piece of this puzzle.

The modern roofing contractor must be business savvy to justify the capital earmarked for a crane or telehandler purchase. Every decision that roofing contractors make is or should be, based on Return on Investment (R.O.I.). The crane must be worthy of their company's investment. This rings true, not only for the jobsite today, but must endure over the entire economic life of the machine. Capital expenditures on equipment must make sense in terms of profitability and practical utility as the intelligent tool of choice.

While it may be true that a crane may not always be the ideal choice for every project or jobsite, when used in the correct situation, they are definitely the ONLY way to go. A crane with a good operator is, without a doubt, faster and more efficient than any other method to move materials and can **LIFT ROOFING CONTRACTORS INTO THE PROFIT ZONE.** 🏠

*Bob Masiak is a Sales Rep for CRCA Member firm, Giuffre Bros. Cranes, Inc., celebrating 56 Years in Business with locations in both Milwaukee WI and Chicago, IL. Specializing in the Sales and Service of both Terex and Manitex Boom Trucks as well as Fassi and PM knuckle booms (a Manitex company) and Genie Telehandlers (a Terex company), Giuffre Bros. Cranes also services all make and manufacturers of cranes, utility trucks, sign trucks, man lifts, knuckle booms, and telehandlers. Their parts, service, and rental departments are in place to support their effort. For more information call 414-764-9200 or visit <http://www.giuffre.com> or <http://www.partsraptor.com>.*

# Roof Talk—CRCA Member Spotlight



**Company:** Knickerbocker Roofing & Paving Co., Inc.

**Location:** Harvey, IL

**Business Founded:** Bernard Kelly acquired Knickerbocker Roofing & Paving Co., Inc. in the late 1800s, founding the family-owned business that is currently in its fifth generation. In that first generation, road and side walk repair was the primary business. Over the next couple of generations, the business shifted more towards commercial roofing and sheet metal. Today, Knickerbocker delivers full-service roofing capabilities to commercial, industrial and institutional customers. These include emergency roof repair, roof maintenance, solar and green roofing services which complement their traditional low-slope and steep-slope roof replacement services.

**Joined CRCA:** Founding Member

## What Services Does Your Business Offer?

Comprehensive commercial, industrial and institutional roofing services.

## Where Do You See Your Business in 10 Years?

Knickerbocker continues to strive for excellence by employing highly skilled roofing and sheet metal specialists available. We hope to continue doing so for many years.

## What Is Your Best Business Memory to Date?

There have been many great events over the 130 years that Knickerbocker has been a family business. The fact that it has continued into a fifth generation is a matter of great pride.

## How Did You Learn About CRCA?

Knickerbocker has been an active member of CRCA for longer than anyone in the family can remember!

## If You Attend CRCA Events, Can You Describe a Benefit of Attendance?

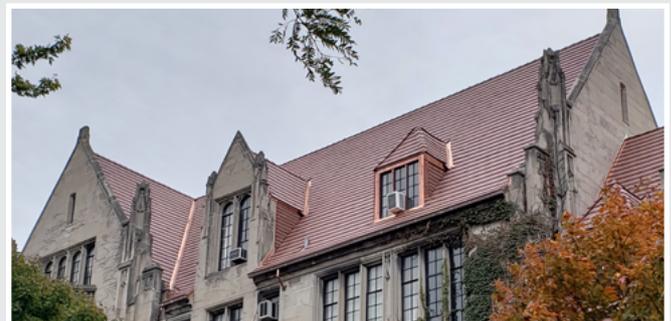
CRCA events provide an opportunity to network and learn from industry manufacturers, suppliers and specifiers.

## What Value Does CRCA Membership Bring to You?

CRCA helps us stay on top of industry trends and brings clarity to industry issues that impact our day to day business activities.

## What Advice Would You Give a New CRCA Member?

Get involved. Attend events, help lead events and join committees to get the most out of the CRCA. 



# Roof Talk—CRCA Member Spotlight



**Company:** Vac-It-All Services, Inc.

**Location:** St. Louis, MO

**Business Founded:** 1979

**Number of Employees:** 35

**Joined CRCA:** February 1989

## What Services Does Your Business Offer?

We offer Roof Vacuuming and Preparation Services, Gravel “Blowback” Services, Industrial Vacuuming Services, and Environmental Vacuum Rentals.

## Where Do You See Your Business in 5–10 Years?

We see our business continuing to grow and expand into new market areas throughout the United States and possibly abroad.

## What Is Your Best Business Memory to Date?

There have been so many wonderful memories over the years. The long-term friendships with both our customers and our coworkers really stand out!

## How Did You Learn About CRCA?

We were introduced to the CRCA through our long-standing customer the late Joe Roque Sr. and his son Tony Roque from M.W. Powell Company.

## If You Attend CRCA Events, Can You Describe a Benefit of Attendance?

Attending the CRCA events has allowed us the opportunity to meet and network with both our established customers and potential new customers as well as all the associate members. It has also given us a chance to create life-long friendships with all the members and the organizers.

## What Value Does CRCA Membership Bring to You?

It has given us the chance to become part of the entire CRCA family that supports all the members personally and collectively.

## What Advice Would You Give a New CRCA Member?

Attend as many functions as possible. Get involved with all the wonderful people who are part of this fantastic organization. 🏠

*CRCA Note: Vac-It-All Services, Inc. is a great supporter of CRCA events, including the industry day golf outing and has been a trade show exhibitor for 29 years. Thank you Vac-It-All!*



# Chicagoland Women in Roofing (CWIR)

## A CRCA Committee with Girl Power

By Joan Crowe, AIA



Joan Crowe, AIA

Chicagoland Women in Roofing (CWIR) has grown from an embryonic idea to a CRCA committee with over 130 participants and a comprehensive schedule of networking, educational and community service programs.

CWIR is a committee under Chicago Roofing Contractors Association (CRCA) and is co-chaired by Laurie Moore of Kreiling Roofing and myself. We can't run this group with just the two of us, so we rely heavily on our other committee members which include: Jeanne Beyer of Bone Roofing Supply, Stephanie Creed of Contractors Express, Nicole Fuentes of G. E. Riddiford Roofing, Pam Hahn of A & D Products, Inc., Cara Lunn of ABC Supply, Jennifer Trapano of Interstate Roof Consultants and supported by the CRCA Staff. Our committee is very diverse with all sectors of the roofing industry being represented.

### How It All Began

Stephanie Creed, Contractors Express, came up with the idea for a local women's roofing industry group. It was conceived at the National Women in Roofing gathering at the International Roofing Expo held in early 2016. According to Creed, "While they (NWIR) had not set up councils and were focusing on mentoring, several of us from Chicago began to discuss what we would like from an organization like this. Using only word of mouth, we met in March to gauge interest as the local level". The first meeting was a success with 18 women attending to network and discuss what they would like to see in a local women's roofing organization.

Following that initial gathering, word about the potential for a women's roofing group in Chicago spread, and the level of excitement and motivation was apparent. CWIR attracted roofing contractors, distributors, manufacturers and architects/consultants. Months later,

CRCA met with CWIR to discuss potential collaboration. CWIR and CRCA both recognized that their respective organizations could benefit from each other and in December 2016, CWIR officially became a committee under CRCA.

Soon after, our committee began to participate in the CRCA Trade Show & Seminars, holding round table discussions and co-hosting the reception with the CRCA Emerging Leaders, which has now become an annual tradition. This led to educational and social events, building on that initial meeting.

### Mission and Vision

CRCA CWIR is focused on inspiring women to get involved and contribute their knowledge and experience. We strive to maintain a high standard of professionalism while encouraging the advancement of goals and interests for the success of women and the betterment of the Chicagoland roofing industry.

CRCA's CWIR vision is to foster women's involvement in the roofing industry by:

- Creating an environment where input from women is valued and encouraged
- Providing educational opportunities for professional development
- Encourage positive professional interactions throughout the industry

Some may wonder why does a "committee of women" need to even exist? My answer to that is a concerted effort is needed to engage and encourage women to enter this extremely male-dominated industry. A way to accomplish this effort was to get support from other industry organizations. Thankfully, CRCA's leadership recognized that need and made it their mission to assist us with our mission.

## CRCA CWIR's Objectives

To meet our mission and vision goals, we established three key objectives: education, networking and giving back:

**Education:** Our group seeks to create an environment where women feel comfortable asking questions. A forum was needed where women could be comfortable asking about anything, no matter how basic or complex as some were not always comfortable asking co-workers or others

Our committee's platform also encourages women to become educated on topics that they might not have an opportunity to learn about in their daily routine. The focus is not to promote specific products but to understand better what goes into steep- and low-slope roof systems. At an early meeting, structured as a roofing vocabulary lesson, attendees learned about basic roofing terms, as well as, common slang words and regional colloquialisms used by roofers. Subsequent meetings covered even more roofing system related topics such as metal deck basics presented by A.C.T. Metal Deck Supply, Inc., safety and a session on building code issues.

CWIR's presentation topics originated from the initial trade show round table discussions and are also



Testing a TPO weld at a hands-on training at Bone Roofing Supply (CRCA Photo)

offered up by committee members and sponsors. They aren't necessarily roofing system specific. CBD Marketing presented on new ways to grow your



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business, the Estimating Edge, Inc. on software tools for contractors, and Brier Payne Meade Insurance discussed pertinent insurance coverage.

A resounding request from CWIR participants was for site visits since many had never been on an actual roof. Others wanted to visit manufacturing plants, roofing contractors' offices and also do hands-on training. In 2018 and 2019, CRCA CWIR visited a vegetative roof system in Chicago thanks to Riddiford Roofing, had a Hunter Panel plant field trip, spent an afternoon at Bennett & Brosseau Roofing and participated in hands-on training events hosted by Karnak and Bone Roofing Supply.

Because learning is so important to the members, we strive to incorporate an education piece for almost every meeting.



Learning from a Roofing Contractor's Perspective (Bennett & Brosseau Roofing)

**Networking:** Since the committee was formed, there has been an increase in attendance by women at other industry events because of the relationships formed through the CWIR. This support system creates confidence in knowledge and interactions. This is evident at trade shows, membership meetings, and especially at annual anniversary events.

**Giving back:** An important goal of CRCA's CWIR was to perform community service on a consistent basis. We cannot stress enough how important it is for us to help those less fortunate. The first organization CWIR partnered

with is the WINGS Program, which provides a pathway to independence for people whose lives have been disrupted by domestic violence by providing safe shelter, transitional housing for victims also food and clothing. CWIR chose WINGS after hearing powerful stories from survivors, including some women in our own industry. CWIR participants volunteer at the Wings sorting facilities, attend the annual fashion show fundraiser and collect donations throughout the year. CWIR has also volunteered to pack meals at Feed My Starving Children and created cards for Phil's Friends, an organization that provides support to cancer patients.

**Come Join Us!**

In just three years, CRCA's CWIR has become a force to be reckoned with! We encourage more participants and would especially like to see more ladies step up and volunteer for a leadership role. If you are interested in getting more involved, please contact any of the committee leadership. Do you know other women who could benefit from the important work of this committee? Forward their information to the CRCA office as well.

Watch for upcoming CRCA CWIR Events at [www.CRCA.org](http://www.CRCA.org) or contact the CRCA office at 708-449-3340. 

*Joan Crowe, AIA, Co-Chair of CRCA's CWIR Committee is GAF's Senior Manager of Codes and Regulatory Compliance. Joan has a B.S. and M. Arch in Architectural Studies and is a licensed architect. She has 30 years of experience in the construction industry. Crowe previously worked at the National Roofing Contractors Association (NRCA) as a Director of Technical Services. For more information, contact [joan.crowe@gaf.com](mailto:joan.crowe@gaf.com).*

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# Metal Deck 101— Metal Deck Replacement

By Michael Polizzi



Michael Polizzi

Commercial roofing contractors' experience with replacing metal deck range from often to once in a career. Either way, most would agree that an open roof is not the best time for a crash course on metal deck! Hopefully this will provide some important tools you'll

need . . . before you need them.

## Roofing—A “Now” Business

Our background was in new construction so when getting to know commercial reroofing in the 1990s, we learned something very quickly. When asking the question, “When will you need the deck?”, it was obvious we were often getting the same urgent, almost panicky response of “what do you mean ‘when will we need it?’ Aren’t my guys there yet?” We learned very quickly that roofing is a “Now” business.

Metal deck is provided with the steel package in new construction. It comes into play with reroofing where contractors may have to replace existing decking before installing a new roof. The “urgent” response is often due either to a project coming to a standstill when deck, thought to be fine, turned out to be rusted through all but



A.C.T. Photo—Tornado damage

the paint . . . or from a sudden visit by Mother Nature, resulting in damage from wind, tornadoes and more.

## What Is Metal Deck Exactly?

Metal deck is a *structural* product. It is corrugated steel engineered as part of the structural design of a building. Roof deck will have a roof system above and floor deck is a form for pouring concrete. There are many different types of steel panels. It is helpful to know what metal deck *is*, by knowing what it *is not*. In general, metal deck is not:

- An architectural/metal building panel
- Intended to be exposed on the outside of a building
- Produced with a finished paint and warranty
- Produced in galvalume

Four key factors for quoting or ordering metal deck are knowing the Type, Gauge, Finish and Quantity required.

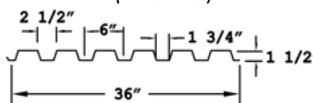
### 1. Type

The most common types of roof deck are:

#### B Deck



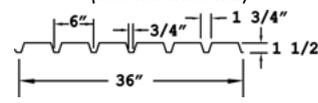
A.C.T. photo—1 1/2" B  
(Wide Rib)



#### F Deck



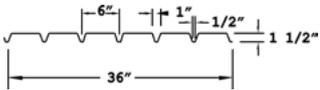
A.C.T. photo—1 1/2" F  
(Intermediate Rib)



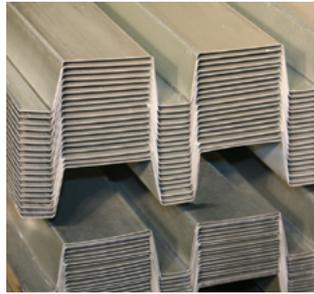
### A Deck



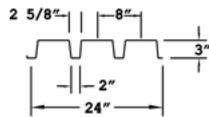
A.C.T. photo—1 1/2" A (Narrow Rib)



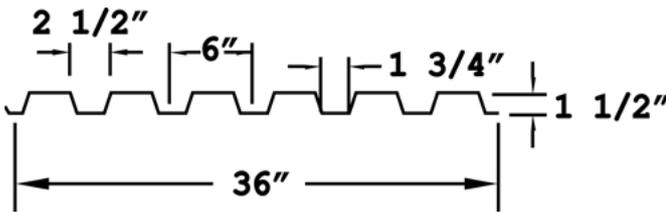
### N Deck



A.C.T. photo—3" N (Deep Rib)



The primary products specified in new construction are B deck and for longer spans, 3" N deck. F and A decks were common in the past and now mostly used in replacement when matching existing panels. In replacement, roofing contractors are almost always matching existing panels unless the project is a complete tear-off. It is critical to know the exact dimensions of the existing panels. These dimensions include:



A.C.T. graphic—deck image of match

- The Depth of the deck
- The Rib to Rib dimension
- The Opening at both the top and bottom of the flute (the low of the profile)

There are many obsolete profiles that have no exact match. A standard metal deck tip is knowing that **F deck will nest into B deck and A deck will nest into both F and B deck.**



A.C.T. graphic—nesting

It is important to note that this will still not solve all cases however, as some of these extinct products having flute openings even tighter than current A deck. A best practice is to take a photo of the existing deck with a tape measure on it and compare it to the dimensions of products currently in production.



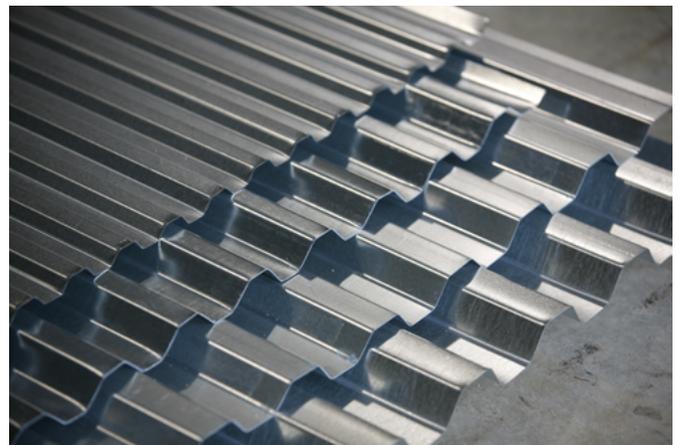
A.C.T. photo—matching extinct products

Confirming these dimensions prior to having material delivered to your roof will prevent many delays and wasted labor hours.

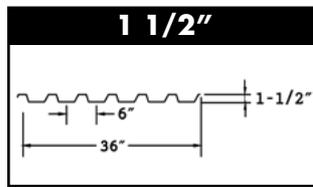
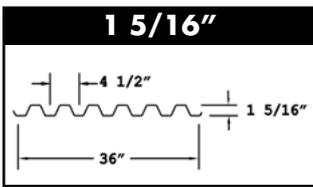
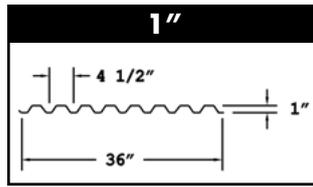
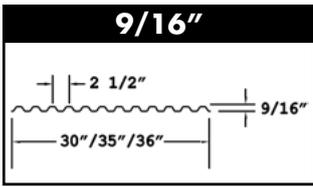
### Concrete Roof Systems

Lightweight concrete roof systems are installed on what are also known as "Form Decks" as they are the same products used to form floors. These decks are typically lower profile and lighter gauge panels installed over steel with closer spans.

Form Decks for lightweight concrete roofs:



A.C.T. Photo



Knowing the rib to rib dimension should be especially heeded when trying to match 1" form deck. There are many profiles, both current and obsolete, with dimensions that vary slightly between ribs. Anyone who has ever dealt with matching these knows how quickly this type of panel fall out of sync when even slightly off.

## 2. Gauge

Roof deck mostly ranges between 22 and 16 gauge and lightweight concrete form deck ranges between 28 to 20 gauge. The lower the number, the thicker the steel.

When the type or gauge of the deck is not clear, a very important factor is knowing the joist or steel spacing. In this case, product load tables can be provided to an engineer for specification.

## 3. Finish

Metal deck is a structural product and most commonly comes in these finishes:

- Prime painted gray
- Prime painted gray on top with a primer white bottom
- Galvanized in a G60 or G90
  - .60 oz/per sq. ft. vs. .90 oz/sq. ft. of zinc
- Galvanized plus a factory applied primer
- Stainless Steel
  - For food-grade or extremely corrosive environments

For prime painted deck, the Steel Deck Institute (SDI) Roof Deck Design Manual states, "Prime paints by nature are impermanent and provisional. Prime paint alone will only protect the steel for a short period of time under ordinary exterior atmospheric conditions." Remember, this is not a finished paint.

For galvanized deck, the language has grown more extensive in recent years, but earlier manuals stated, "In corrosive or high moisture environments, a galvanized finish is desirable." A chalky, white film forms when galvanized deck is exposed too long to moisture. This is a chemical reaction from the zinc's "self-sacrificial characteristics" protecting the steel (for a full review visit sdi.org.) The steel is structurally sound but in cases without a drop ceiling, it may not be a preferred aesthetic by an owner.

Of course, you want the best possible product for your customers, so it is worth learning the proper handling of these finishes in order to protect your work. Properly handled, metal deck will look great and last a very long time. If left exposed to the elements too long, it will rust and develop rust staining. The SDI Design Manual provides the following regarding site storage "steel deck shall be stored off of the ground with one end elevated to provide drainage and shall be protected from the elements with a waterproof covering, ventilated to avoid condensation."

## 4. Quantity Required

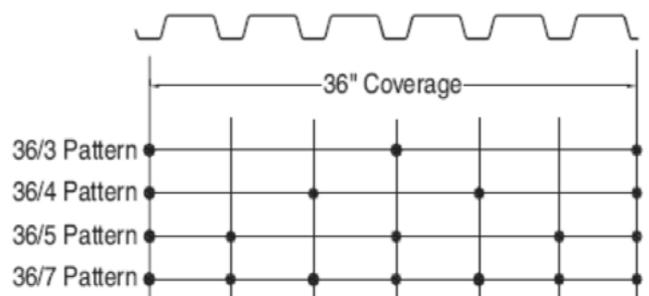
Asking for the correct quantity may sound like common sense but how that quantity is communicated can mean all the difference for an accurate and timely quote. Here are some examples that should be helpful:

- Total square footage needed
- Dimensions of areas to be covered
- Exact cutlist desired
- Square foot budget pricing

## Fastening: With What and Where Exactly?

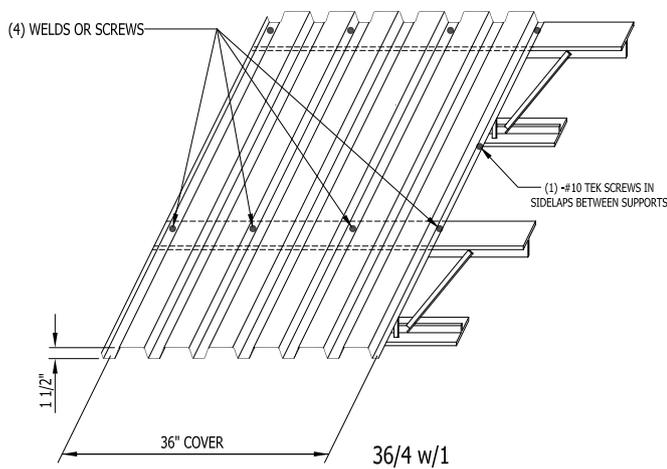
In addition to quoting and ordering information, having a great understanding of fastening is important to the project.

Metal deck can be fastened with welds, screws or shot down with pins. Most commonly used for deck replacement is the self-tapping screw. Welding sparks and pins shot from a tool cause unnecessary risks over an existing structure.



A.C.T. graphic, fastening patterns

There are many fastening patterns and they are important to follow as they are part of the structural design of the building. This pattern is what tells the installer exactly where to fasten the deck both to the supporting steel and at the sidelaps, between the span. Breaking down, the common code of "36/4 w/1" is:



A.C.T. graphic - fastening pattern 36/4w/1

- 36 = The width in inches of one panel (panel widths vary.)
- /4 = Four fastening points "per" 36" panel on the steel support.
- w/1 = "With" one sidelap screw per span.

There are other metal deck products, accessories and rare finishes available that you may inquire about as needed.

In the meantime, a great foundation is to remember above all:

- F fits into B and A fits into both F & B
- Type, Gauge, Finish & Quantity
- Know your dimensions!

When the answer is so often, "I need it now!", hopefully this has you well prepared with the tools you'll need . . . Before you need them. 

Michael Polizzi is the Sales Manager for A.C.T. Metal Deck Supply. This CRCA Associate Member firm is a metal deck distributor with 15 locations in 11 states headquartered in Aurora, IL.

For more information, call 800.894.7741 or visit [metaldecksupply.com](http://metaldecksupply.com) to view the Metal Deck 101 video series.

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# Industry News

By CRCA Staff

## CRCA at State of Illinois Energy Code

**Development Process**—CRCA's Industry Affairs Committee has been working at the State of Illinois on the new 2018 Illinois Energy Conservation Code based on the 2018 ICC International Energy Conservation Code. The Illinois Energy Conservation Advisory Council's (ILECAC) proposals based on CRCA's input has been approved summer of 2018.

In 2018, the Polyisocyanurate Insulation Manufacturers Association (PIMA) petitioned the Illinois Capitol Development Board (CDB) to successfully to remove the ILECAC's recommendations for exceptions to minimum R-30 Continuous Insulation for Existing Buildings where flashing heights restrict the insulation thickness that's possible and practical. PIMA was also successful removing the new definition for roof membrane peel and replacement. CRCA's Legislative Consultant Margaret Vaughn was able to get CRCA another hearing so both sides, PIMA and CRCA's, could be heard by the CDB Board. CRCA's presentation to the CDB Board prevailed, defending the Council's original proposals. On May 14, 2019, the ILECAC's decision overturned the past CDB Board move to remove the exceptions.

When the new 2018 Illinois Energy Conservation Code is issued June 1, 2019, there will be clear language in the code allowing less thickness of insulation when the flashing heights are impossible, impractical or technically infeasible to raise. The code official will be the final determining person to decide if an existing building has the 'technical infeasibility'. Visit [CRCA.org](http://CRCA.org)'s Members Only Section for building owner implication info and your company when using this and the roof membrane peel and replacement option.

**CRCA & Chicago's New Building Code**—The City Council passed an ordinance on April 10, 2019 to adopt a modified version of the 2018 International Building Code (IBC). This new code represents the first comprehensive revision to the building code in 70 years. Since late last year, several City of Chicago volunteer task groups, the Department of Buildings, Fire Department and several associations have all worked on the new code. The task groups debated what parts of the Chicago Building Code became part of the 'Chicago-ized' IBC.



Mayor Emanuel, Commr., Dept. of Buildings  
Frydland and Deputy Commr. Ulrich. (City of Chicago photo)

Mayor Rahm Emanuel joined with Commissioner Judy Frydland to thank the many volunteer architects and engineers who helped DOB rewrite the Chicago Building Code. The mayor also signed the historic building code modernization ordinance as well.

An update to the Chicago Energy Conservation Code, as required by the state law, is scheduled to take effect on June 1, 2019. The new "Chicago-ized" ICC Building and Building Rehab Codes will be published in a user-friendly format by the ICC this fall. The new code becomes optional December 1, 2019 and mandatory for new permit applications on August 1, 2020.

*CRCA NOTE: From the roofing perspective, the previous Chicago Municipal Code did not have a section on roofing. This new ICC Chicago Building Code now does. Roofing is also in the new Existing Building Code as well. This new code means terminology will be the same between Chicago and the rest of the country. The 2016 Chicago Memorandum on Roofing, created with CRCA and City of Chicago collaboration, is embedded in the code too. That means that flashing height limitations are dealt with in a common-sense manner. There is a definition for 'Roof Covering Replacement' allowing a 'peel' to take place in certain conditions.*

CRCA applauds Chicago's efforts to modernize their code and was pleased to participate in this new development. CRCA Members, there's a complete update in the members only section of [CRCA.org](http://CRCA.org).



Commissioner Frydland  
(City of Chicago Photo)

**CRCA is excited to announce that Commissioner Frydland will be the keynote speaker** at the CRCA September 10<sup>th</sup> Membership Luncheon at a new venue, Guaranteed Rate Field in Chicago! Watch for more information on this September event soon.

**CRCA @ ICC**—The 2021 International Energy Conservation Code (IECC) was debated at ICC’s Committee Action Hearings in Albuquerque, NM in early May. CRCA’s proposals were aimed at existing buildings. We worked with NRCA’s Mark Graham and NRCA’s Consultant Darren Meyers, IIEBC’s Walt Rossiter at the hearings to help existing buildings get relief when it is ‘impossible or impractical’ to meet new construction insulation thicknesses.

CRCA was successful getting relief for flashings at IECC’s Residential Energy Code Committee hearings. If there are flashing height restrictions due to curbs, walls, doors, windows, etc., the building official can grant a deviation from the code required insulation thicknesses with the recipe in the code proposal. When the min. R-30 continuous roof insulation is impossible or impractical, the building code official can approve less insulation as long as the energy use of the building does not increase. This proposal is not approved for use yet. If it passes at the ICC Public Comment hearings and Online Governmental Consensus Vote process, it will then be approved for use in the 2021 Codes.

We had other proposals in that included similar language in the commercial energy code. A third aimed to create a new definition and option for roof membrane replacement. These proposals were defeated at the committee action hearings with opposition from the Polyisocyanurate Insulation Manufacturers Association and Asphalt Roofing Manufacturers Association.

**CRCA @ ARMA**—CRCA presented the Chicago Energy Code and more at the Asphalt Roofing Manufacturers Association (ARMA) Meeting in April. ARMA Members learned how Chicago is providing options for low slope roofs to be gravel or granular surfaced in addition to reflectively surfaced. The 2009 Urban Heat Island Ordinance did not mandate a white roof. It mandated a reflective roof surface of .72 new OR .50 aged three years, as proven through testing to an ASTM Standard or Energy Star.

**CRCA at Roofing Day in DC**—Thanks to the National Roofing Contractors Association, (NRCA) for organizing a great ‘Roofing Day in DC’. CRCA’s leaders attended Roofing Day to help put our industry on the map with legislators. Over 400 roofing industry contractors, consultants, manufacturers and distributors stormed the Capital’s legislators with key discussion points. The points discussed included immigration reform, workforce education and infrastructure. CRCA will head to Springfield this fall to discuss these and other roofing and construction specific issues with Illinois lawmakers as well. Watch for more actions by CRCA as we work with legislators in Chicago, Springfield and DC.



CRCA at Roofing Day in DC. Sen. Dick Durbin’s office. (CRCA photo)

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**CRCA's 2019 Membership Directory and Resource guide** is now available in electronic form, free to download. Visit [CRCA.org](http://CRCA.org) / Member List to download this important resource tool!

### **CRCA / CRC Awards 2019 Scholarships**

The following high school seniors were awarded scholarships at the May 14 CRCA Membership dinner at Maggiano's. CRCA has awarded over \$300,000 since 1995 using such criteria as academic performance, school and community involvement as well as personal recommendations from employers and high school staff.



*Anna Darville, Niles West High School, attending Valparaiso University Fall of 2019*



*Kane Layng, St. Ignatius College Prep, attending Northwestern University in the Fall of 2019*

The Chicagoland Roofing Council (CRC) as well as Roofers Local 11 also awarded the following scholarships, based on similar criteria and also that these students are dependents of a contractor or contractor's staff, signatory to Roofers Local 11:

#### **CRC:**

- Jason Cler, Ridgeworth Roofing Co., Inc.
- Artur Konopka, Crowther Roofing & Sheet Metal
- Megan Jeffries, Waukegan Roofing Company Inc.
- Itzel Murillo, Sager Sealants
- Jordan Roque, M.W. Powell Roofing
- Brian White, All Sealants

#### **Roofers Local 11:**

- Jacquelyn Acosta-Terrell Webster Scholarship, Anderson & Shah Roofing
- Abedulkarim Shalabi-Local 11 Member Scholarship, Pine Roofing
- Matthew Mirabella, Larry Mirabella Scholarship

We congratulate all these students on their accomplishments!

### **CRCA Committees Have Been Busy!**

**CRCA's Emerging Leaders**—The committee held Part 1 of the four part "Mentoring Seminars" on March, with the second planned for June 27. These powerful interactive workshops provide tools to help attendees mentor or be mentored in the roofing and waterproofing industry. These skills carry on to all facets of life as well. Want to learn more about attending these sessions? Contact [Jessica@crca.org](mailto:Jessica@crca.org) or call 708-449-3340. Attending the prior sessions is not required for the June session.

**CRCA's Chicagoland Women in Roofing**—The CCWIR Committee and other Industry partners toured the Building Envelope Testing Facility at Underwriters Laboratories (UL) in Northbrook. Connect with CRCA's Instagram at [@crcupdates](https://www.instagram.com/crcupdates) to learn about CRCA events.

**Casino Night 2019**—What a great time! This celebrated CRCA's desire to give back to the membership! Held in mid-April, the event was geared to thanking members for the volunteering of time and support to CRCA and also to network and have fun. Watch for a 2020 repeat of this great night!



*CRCA Photo*

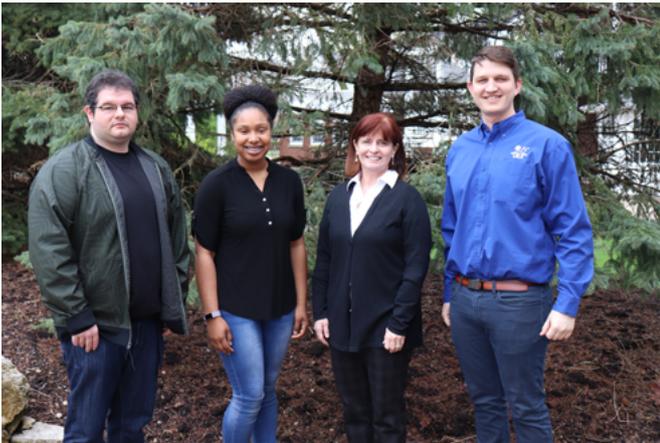
**CRCA's New Building Envelope Committee**—This group met in March to plan and implement educational opportunities for the design, consulting and contracting communities. Watch for an article in the Summer *CRCA Today* and several webinars are also planned.

**CRCA's Trade Show Committee**—The CRCA Trade Show group is always hard at work planning the next show. Mark your calendars now for the January 15-17, 2020 CRCA Trade Show & Seminars. With programming by CRCA's Trade Show & Safety Committees Thursday/Friday we'll have another great show. Plus, CRCA's Emerging Leaders and Chicagoland Women in Roofing Committees are holding Educational Seminars on Wednesday too. As always, Thursday

will kickoff with the CRCA Roofing Industry Breakfast. Registration will open in the fall at CRCA.org. Save the Date!

**CRCA's Contracts and Insurance**—Chairs Larry Marshall, Dominic Dunlap and committee members have announced industry specific programming geared to the roofing, waterproofing and construction industries to be launched this fall. Topics including surety, general liability /workman's comp, professional liability, claims handling / review and more will be provided in short, casual format, more in line with today's ever-changing digital generation.

**CRCA's History Committee**—The committee collaborated with Lewis University this spring by having two students participate in public history class, researching and interviewing long time CRCA members about workforce develop and overall history of their companies. CRCA Thanks Lewis students Ziarra Miller and Robert Boswell for participating in the project, Lewis Professor Dr. Eileen McMahon and Beacon's Tyson Polack for facilitating. Watch for more in the Summer *CRCA Today*.



CRCA Photo

### CRCA Illinois Legislative Corner



Margaret Vaughn  
(CRCA Photo)

CRCA's legislative consultant, Margaret Vaughn, keeps up with the pulse of Springfield and Illinois legislation. Below are some key ones being watched that impact the roofing and construction industry:

**SB 1636**—Contract Prompt Retainage: Working together with Illinois Mechanical &

Specialty Contractors Association (IMSCA) for the past several years, CRCA supports this bill which would reduce the retained payment withheld from the

subcontractors from the current 10% to 5% after half of the work is completed. The bill passed the IL Senate in late March and moved to the House Rules Committee on May 10, 2019.

**SB 104**—Procurement—Subcontractor Pay: would revise the Illinois Procurement Code, to allow the State to pay in select construction contraction, subcontractors directly if the work has been performed in accordance with the provisions of the subcontract and the work has been accepted by the State agency. It also would amend the State Prompt Payment Act to mandate contractors to pay subcontractors within 7 days after receiving payment. The bill was referred to the IL Rules Committee on 5/10/19

**HB 2652**—Was placed on the calendar for the 2<sup>nd</sup> reading on May 1, while originally would have required residential solar panels to be included in the energy code updates, was rewritten to just clarify that the published supplements to the ICC Energy Code can only be included if adopted by the IL Capital Development Board.

**HB 2838**—Wage Payment - Direct Contractor: Amends the IL Wage Payment & Collection Act, for contracts entered into or after July 1, 2019 that the General Contractor is liable if the subcontractor does not pay employees. The bill passed the house and currently not been assigned.

**SB 1184**—County & Muni-Coal Tar Products Ban: Provides that counties or municipalities may prohibit the sale and use of coal tar sealant products on any surface except for highway structures. As this would eliminate coal tar in roofing, CRCA fought hard to stall this or eliminate this. With help from the AFL-CIO who fought against passage, the bill has moved to the Environmental Committee and hopefully remain there.

Please contact your legislators on any or all of these bills to add your voice. Not sure of your IL legislator? Visit [www.electons.il.gov/DistrictLocator/DistrictOfficialSearchByAddress.aspx](http://www.electons.il.gov/DistrictLocator/DistrictOfficialSearchByAddress.aspx) to determine their contact info.

### CRCA Member Announcements

*Cotney Construction Law, LLP* announced that Attorney Richard Asfar has joined the firm, bringing experience as an AV-rated civil litigator and appellate advocate. They also announced that Trent Cotney was recently named General Counsel for the National Slate Association (NSA). This association promotes technical information, standards and educational resources for the slate industry.

APOC announced this spring that Elizabeth Seko is the new Territory Manager which covers Metro Chicago, N. IL, IA, WI, IN and MN. Seko's previous experience in sales and marketing with a large commercial roofing contractor will be an asset to her APOC Territory Manager responsibilities.

*Runnion Equipment* announced that they have moved to a new facility in April. Now with sixteen service bays, an expanded parts inventory and more, CRCA members are encouraged to stop by and visit them at the new 6201 East Ave., Hodgkins, IL location!

*Atlas Roofing Corporation* announced the acquisition of ACH Foam Technologies, a leading manufacturer of molded polystyrene solutions. With the addition of ACH to Atlas' expanded polystyrene foam business, this established as the largest manufacturer of polystyrene in North America.

*Carlisle SynTec* now offers Roofing Series Podcasts—The second installment of the Carlisle Roofing Series, Buildings, was released on May 7, 2019, with best practices for green roof projects discussed. To hear this or other podcasts in the series, visit [www.buildings.com/news/industry-news/](http://www.buildings.com/news/industry-news/).

*Carlisle Companies* also announced on May 10, 2019 the appointment of Nick Shears as President of Carlisle Construction Materials (CCM), elevating him from interim President, a role he was appointed to in 2018. He has held a series of important leadership roles at CCM throughout his 34 years with Carlisle, including Executive Vice President, Sales & Marketing. Nick holds a Chemical Engineering degree and an MBA from Penn State University. Congratulation Nick! For more information, visit [www.carlisle.com](http://www.carlisle.com).

*OMG Roofing Products* announced the launching of a new website in April. Using feedback from users, OMG redesigned the site to streamline navigation, offer more detailed product information as well as product calculators, video library and more. Visit [www.OMGroofing.com](http://www.OMGroofing.com) to take a look.

### CRCA Industry Partners



#### Construction Safety Sessions—

The Latino Worker Safety Center (LWSC) is offering a course entitled *Fall Protection For The Competent Person* on May 24, 2019. The course is available in Spanish, Polish, or English. Visit

<https://lwsc.org/> for info.

**RCI Gets a new name IIBEC**—RCI, Inc., recently announced that the association, originally incorporated as the Roof Consultants Institute (RCI), will officially become the International Institute of Building Enclosure Consultants (IIBEC). The change was made to better align the association and membership with the focus of embracing the entire building enclosure. With over 3,500 members, the members now specialize in roofing, waterproofing and exterior wall specification and design and the name change better represents the larger universe of expertise.

**DOL Update**—Hendrick Phillips Salzman & Siegel, reported in March that the Department of Labor is proposing to update the salary threshold for employees to be exempt from overtime from \$455 per week (\$23,660 annually) to \$679 per week (\$35,308 annually). The proposed rule does not make any changes to the job duties for the common white-collar exemptions for overtime pay, however. The public comment period will close on May 21, 2019.

They also reported that OSHA may be asking contractors permission to complete an inspection of your jobsite by drone. While they currently need your permission to do so, OSHA is also looking to have the option of having this waived in the future with the ability to have drone inspections without consent. Check with your legal counsel now to have questions answered as to what your rights are with a drone inspection. For other great legal topics affecting the roofing, waterproofing and construction industry, visit [hpslaw.com](http://hpslaw.com) today.

### NRCA News

**CRCA & NRCA**—CRCA leaders have a long history of participating at the National Roofing Contractors Association (NRCA), with several listed on NRCA's original Charter in the late 1800's. CRCA's involvement at NRCA is still strong with many leaders giving back to the industry through volunteering.

The big news is CRCA Past President Rod Petrick (Ridgeworth Roofing Co., Inc.) was announced as NRCA's 2019 Chairman of the Board-Elect. He'll be Chairman of the Board in 2020. He joins other CRCA Members who also serve as NRCA Directors: Luke Duffy (Elens & Maichin Roofing & Sheet Metal, Inc.), Alex Hernandez (Clark Roofing Co.) and George Patterson (Bennett & Brosseau Roofing, Inc.). The last time a CRCA Member was Chairman of NRCA's Board was Mike Promen of Clark Roofing in 2001.

CRCA Members Dominic Dunlap (DCG Roofing) and John Ziolkowski (Korellis Roofing) recently graduated

from NRCA's Future Executives Institute (FEI). Dunlap and Ziolkowski joined other graduates who completed the three-year program in affiliation with Northwestern University's Kellogg School of Management. This is a first class program, according to CRCA Member graduates.

At the February NRCA Convention at the International Roofing Expo, NRCA honored the following CRCA members:

- **Showalter Roofing Service, Inc.** with the **2019 CNA/NRCA Community Involvement Award** for the efforts of its "Roof Over Your Head" charitable organization to help homeowners in need of household repairs.
- **Helene Hardy Pierce, VP of GAF's technical services**, codes and industry relations, received the **NRCA J.A. Piper Award** for outstanding service to NRCA and to the roofing industry. Pierce is the first woman to earn this honor. CRCA member Joan Crowe works closely with Helene.
- **Brandon Reese, Foreman at Korellis Roofing Inc.** was awarded the **Roofing Alliance's Most Valuable Player Award**. This award recognized individuals' contributions in activities outside of the workplace. Reese is part of the National Guard, has completed three tours of duty overseas and is active in "Helmets to Hardhats"

a national nonprofit that connects the military with opportunities in the construction industry.



NRCA photo



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- Air Pressure Damp Proofing**.....(847) 394-4100
- All American Exterior Solutions**.....(847) 438-4131
- All Sealants, Inc.**.....(708) 720-0777
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- Anderson & Shah Roofing Inc.**.....(815) 741-0909
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- Feze Roofing, Inc.**.....(630) 530-5944
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# CRCA Associate Members

The Associate Members of the Chicago Roofing Contractors Association are a vital part of the association and actively support the activities. Besides their generosity, they are represented on the CRCA Board of Directors, Co-Chair the Membership and Trade Show Committees and serve on the Health & Safety, Contracts & Insurance, Industry Affairs, Program and Scholarship Committees.

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<b>Manteno</b> .....	(815) 468-7041		
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<b>Assurance Agency</b> .....	(847) 463-7118		
<b>ATAS International, Inc.</b> .....	(610) 395-8445		
<b>Atlantic Leak Detection</b> .....	(347) 244-3635		
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<b>Arlington Hts.</b> .....	(847) 357-0433		
<b>Carol Stream</b> .....	(630) 790-3400		
<b>Chicago / 84th St.</b> .....	(773) 873-2300		
<b>Chicago / Ogden</b> .....	(773) 530-1707		
<b>Chicago / Pulaski</b> .....	(773) 772-6500		
<b>Des Plaines</b> .....	(847) 795-9378		
<b>Hickory Hills</b> .....	(708) 599-9770		
<b>Joliet</b> .....	(815) 741-4777		
<b>Oak Forest</b> .....	(708) 802-6123		
<b>Warrenville</b> .....	(630) 326-4711		
<b>Wauconda</b> .....	(847) 416-3202		
<b>West Chicago</b> .....	(630) 513-0505		
<b>Berridge Mfg. Co.</b> .....	(800) 488-7415		
<b>Big Rock Supply</b> .....	(630) 350-2300		
<b>Bird Ladder and Equipment Co.</b> .....	(630) 541-9479		
<b>Bitec, Inc.</b> .....	(501) 354-8585		
<b>Bitumar Inc.</b> .....	(410) 610-5953		
<b>Blue Ridge Fiberboard, Inc.</b> .....	(866) 850-8834		
<b>Bone Roofing Supply, Inc.</b> .....	(630) 628-8170		
<b>Boral Roofing</b> .....	(949) 756-1605		
<b>Bostik Inc.</b> .....	(312) 485-2845		
<b>BPM Insurance</b> .....	(816) 695-1306		
<b>Brown &amp; Brown of Illinois, Inc.</b> .....	(630) 245-4600		
<b>Carlisle SynTec</b> .....	(800) 479-6832		
<b>Castle Metal Products</b> .....	(847) 806-4540		
<b>Cedar Shake &amp; Shingle Bureau</b> .....	(604) 820-7700		
<b>Certainteed Roofing Products</b> .....	(630) 383-6741		
<b>CHEM LINK Inc.</b> .....	(800) 826-1681, x204		
<b>Chicago Metal Supply &amp; Fabrication</b> .....	(773) 227-6200		
<b>Chris Industries Inc.</b> .....	(847) 729-9292		
<b>Classic Gutter Systems LLC</b> .....	(269) 665-2700		
<b>CLEANWRAP Interior</b>			
<b>Protection Systems</b> .....	(888) 597-3334		
<b>CNA Insurance Lombard/Chicago</b> .....	(630) 719-3000		
<b>Columbia Green Technologies</b> .....	(503) 964-3218		
<b>Common Sense Solutions Inc.</b> .....	(630) 379-0330		
<b>Comprehensive Roofing Solutions Inc.</b> .....	(815) 498-9485		
<b>Comstruct Sales, LLC</b> .....	(847) 922-3520		
<b>Connor &amp; Gallagher Once Source</b> .....	(708) 712-4793		
<b>Cordeck</b> .....	(262) 857-3000		
<b>Cotney Construction Law, LLP</b> .....	(813) 579-3278		
<b>County Materials Corporation</b> .....	(877) 492-5181		
<b>Crissie Insurance Group</b> .....	(847) 296-0655		
<b>D &amp; P Construction Co., Inc.</b>			
<b>Roll Off &amp; Recycling</b> .....	(708) 338-3534		
<b>D.I. Roof Seamers</b> .....	(888) 343-0456		
<b>DA Sales &amp; Marketing, Inc.</b> .....	(630) 370-7747		
<b>Dataforma, Inc.</b> .....	(866) 764-9992		
<b>DaVinci Roofscapes</b> .....	(913) 599-0766		
<b>DECRA Roofing Systems</b> .....	(800) 258-9740, x189		
<b>DERBIGUM Americas, Inc.</b> .....	(708) 380-5045		
<b>Disposal Alternatives</b> .....	(617) 975-2000		
<b>Division 7-23 Group, LLC</b> .....	(414) 645-8400		
<b>D-MAC Industries</b> .....	(800) 878-3622		
<b>DSP Insurance Services, Inc.</b> .....	(847) 934-6100		
<b>Durapax</b> .....	(610) 579-9075		
<b>Duro-Last Roofing, Inc. (Chicago)</b> .....	(800) 248-0280		
<b>Eagleview-Pictometry</b> .....	(866) 659-8439, x5561		
<b>East Lake Metals LLC</b> .....	(219) 655-5526		
<b>EcoStar LLC</b> .....	(800) 211-7170		
<b>Emergent Safety Supply</b> .....	(630) 406-9666		
<b>Epilay Inc.</b> .....	(310) 320-6300		
<b>ERSystems</b> .....	(800) 878-7876		
<b>Everest Systems</b> .....	(800) 575-8966		
<b>FAKRO America, LLC</b> .....	(630) 543-1010		
<b>Firestone Building Products</b> .....	(800) 428-4442		
<b>FlashCo.</b> .....	(866) 323-5274		
<b>Franklin International/Titebond</b> .....	(614) 445-1855		
<b>FT Synthetics Inc.</b> .....	(604) 594-3493		
<b>Gaco Western</b> .....	(262) 951-0237		
<b>GAF Materials Corporation</b> .....	(630) 241-5372		
<b>Garlock Chicago</b> .....	(630) 521-9645		
<b>Garth Building Products &amp; Services Corp.</b> .....	(708) 564-5137		
<b>Garza Roofing Equipment and Supply</b> .....	(630) 229-4440		
<b>GCP Applied Technologies</b> .....	(617) 498-4470		
<b>Gemco Roofing &amp; Building Supply</b> .....	(708) 544-1444		
<b>Geocel / Kool Seal</b> .....	(800) 348-7615		
<b>Georgia-Pacific Gypsum LLC</b> .....	(404) 652-2592		
<b>Giuffre Brothers Cranes</b> .....	(708) 656-9200		
<b>Greenrise Technologies</b> .....	(615) 907-7460		
<b>Gulfeagle Supply</b> .....	(630) 773-0997		
<b>H.B. Fuller Company—</b>			
<b>Roofing Products Group</b> .....	(517) 841-7000		
<b>Hapco Inc.</b> .....	(800) 345-9353		
<b>Hart &amp; Cooley Roof Product Systems—</b>			
<b>Portals Plus, RPS &amp; Milcor</b> .....	(800) 624-8642		
<b>Henry Company</b> .....	(513) 300-2663		
<b>Hicksgas/ Liberty Propane</b> .....	(630) 806-9747		

# CRCA Associate Members

## Houseworks Daylighting

Solutions, LLC	(847) 729-0255
Hub International Limited	(630) 468-5634
Hunter Panels	(888) 746-1114
IB Roof Systems	(800) 426-1626
ICP Building Solutions Group	(330) 753-4585
IKO	(248) 804-9965
Industrial Cork Company, Inc.	(630) 832-2803
Inland Coatings	(515) 993-4251
INSULFOAM	(402) 624-6611
Interior Protection Inc.	(630) 530-4920
International Leak Detection, LLC	(866) 282-LEAK (5325)
IR Analyzers / Vector Mapping	(800) 879-1964
JJ Superior Metal, Inc.	(708) 544-3757
Jobba Trade Technologies	(855) 633-3327
Johns Manville Roofing Systems	(224) 325-2524
Karnak Corporation	(732) 388-0300
Kemper System	(716) 558-2971
Kirsch BP/Sharkskin	
Roof Underlayments	(805) 750-0084
Lakefront Roofing Supply	(773) 509-0400
Lakeshore Recycling Systems	(773) 681-8811
Leading Edge Safety	(816) 585-7722
Leister Technologies	(630) 760-1000
Lift Works, Inc.	(630) 833-4626
Liftoff Crane Services LLC	(630) 800-6639
LiveRoof, LLC	(800) 875-1392
Lomanco, Inc.	(800) 643-5596
R. M. Lucas Company	(773) 523-4300
MACK Construction Services, LLC	(773) 525-3411
Malarkey Roofing Products	(503) 283-1191
MBI Tools LLC	(815) 844-0937
McElroy Metal, Inc.	(219) 879-0252
MEP Insulation Recycling	(317) 894-2763
Mid-States Asphalt	(630) 730-1689
Midwest Roofing Supply	
Naperville	(630) 637-0750
Schaumburg	(847) 241-2000
Waukegan	(847) 249-3328
Midwest Siding Supply, Inc.	(630) 897-2333
Mule-Hide Products Co., Inc.	(815) 641-8548
Novagard Solutions	(800) 380-0138
NPC Colored Sealants	(708) 681-1040
OMG Roofing Products	(800) 633-3800
Omni Ecosystems	(312) 337-3196
Owens Corning	(419) 248-8000
Panasonic US	(201) 423-3154
Paramount Loss Consulting	(800) 635-1395
Petersen Aluminum Corporation	(800) 722-2523

Pinnacle Sales Corporation	(262) 514-2181
PlyGem Roofing	(844) 679-3745
Polyglass U.S.A, Inc.	(847) 431-6005
Prairie State Exterior Products	(708) 754-9339
Pro Fastening Systems Inc.	(847) 577-7185
Progressive Materials	(812) 725-5833
Protecto Wrap	(800) 759-9727
Quarrix Building Products	(800) 438-2920
Raindrop Gutter Guard	(800) 816-0199
RainTrade Corporation	(847) 283-0006
Raptor Synthetic Underlayments	(317) 202-8200
Richards Building Supply Company	
Calumet City	(708) 891-2211
Chicago/Belmont Ave.	(773) 499-7177
Corporate	(773) 586-7777
Joliet	(815) 725-2458
RM Bilrite LLC	(800) 877-8775
Rockwool	(905) 878-8474
Roofmaster Products Company	(800) 421-6174
Runnion Equipment Company	(708) 447-3169
Safety Check, Inc.	(815) 475-9991
Safety Rail Company LLC	(888) 434-2720
Schwab Group LLC	(630) 326-9444
Sentry Building Innovations	(877) 254-0788
Sexton Properties R.P. LLC	(224) 212-1250
Sheet Metal Supply Ltd	(847) 478-8500
Sievert Industries, Inc.	(815) 639-1319
Sika Sarnafil	(800) 532-5123 x7222
Siplast	(800) 922-8800
SJ Mallein Co., Inc.	(630) 570-0301
Soprema, Inc.	(330) 334-0066
Southwind RAS, LLC	(630) 233-5700 x119
Sunset Logistics, LLC	(847) 658-4342
TAMKO Building Products Inc.	(800) 641-4691
Tarco	(800) 365-4506
The Estimating Edge, LLC	(561) 276-9100
Tremco Inc.	(216) 292-5000
TRUFAST	(800) 443-9602
Unilock Chicago, Inc.	(630) 892-9191
United States Gypsum	(312) 961-9935
Velux America	(864) 941-4770
Versico	(800) 992-7663
Viking Barriers	(312) 664-3810
Walter Payton Power Equipment LLC	(708) 656-7700
WickRight, Inc./365 Construction Tents	(312) 720-1467
WindSmart LLC	(515) 314-1683
Worhouse, Inc.	(847) 621-2470

## Architects & Roof Consultants

Building Technology Consultants, Inc.	(847) 454-8800
C.E. Crowley & Associates	(847) 662-8132
Century Roof Consultants	(847) 202-8500
Flood Testing Labs, Inc.	(773) 721-2200
Hutchinson Design Group	(312) 343-9595
Illinois Roof Consulting Associates Inc.	(815) 385-6560
INSPEC, Inc.	(847) 652-6617
Interstate Roof Systems	
Consultants, Inc.	(847) 695-1460
K2N Crest	(630) 990-9595
Kellermeyer Godfryt Hart, P.C.	(847) 318-0033
Klein and Hoffman, Inc.	(312) 251-1979
Legat Architects	(630) 645-1906
Mac Brady Associates, Inc.	(312) 550-1343
Madsen, Kneppers & Associates, Inc.	(312) 627-0900
MTech Roofing Solutions	(630) 777-8024
Raths, Raths and Johnson, Inc.	(630) 325-6160
Roofing Advocates	(773) 708-5109
SRI Consultants Inc.	(608) 831-5333
STR Building Resources LLC	(847) 652-6115
<b>Vacuuming</b>	
Dietz Vacuum Service, Inc.	(708) 301-9127
Ready Vac, Inc.	(847) 437-5771
RK Hydro-Vac, Inc.	(800) 754-9376
Vac-It-All Services, Inc.	(314) 487-5600
Velocity Roof Vac Service Inc.	(630) 936-2421

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to learn more.

# Industry Calendar

## June 6–8, 2019

AIA Conference on Architecture  
Las Vegas  
<https://conferenceonarchitecture.com>

## June 12, 2019

CSI Chicago Chapter Presentation  
[www.csiresources.org](http://www.csiresources.org) or [administration@csichicago.org](mailto:administration@csichicago.org)

## June 18, 2019

AIA Chicago Presentation on Facades, by Dr. Joe Lstiburek  
[www.aiachicago.org](http://www.aiachicago.org)

## June 27, 2019\*

CRCA Emerging Leader Event  
Pinstripes, Oak Brook  
[www.CRCA.org](http://www.CRCA.org)

## July 11, 2019\*

CRCA Industry Day Golf Outing  
[www.CRCA.org](http://www.CRCA.org)

## July 17, 2019

CSI Presentation, Making Transitions: Keeping Air & Water Barriers Continuous  
[www.csiresources.org](http://www.csiresources.org) or [administration@csichicago.org](mailto:administration@csichicago.org)

## August 3, 2019\*

CRCA @ Kane County Cougars  
[www.CRCA.org](http://www.CRCA.org)

## August 7, 2019

CSI Chicago Presentation, Gypsum Board: Success in the Field  
[www.csiresources.org](http://www.csiresources.org) or [administration@csichicago.org](mailto:administration@csichicago.org)

## September 10, 2019\*

CRCA Membership Lunch: Commissioner of Chicago Dept. of Buildings Judy Frydland  
Guaranteed Rate Field, Chicago

## September 18–21, 2019

NRLRC Seminar  
New York, NY  
[www.nrlrc.net](http://www.nrlrc.net)

## October 17, 2019\*

CRCA Emerging Leader Event  
Top Golf, Naperville  
[www.CRCA.org](http://www.CRCA.org)

## October 29, 2019

Association of Licensed Architects Conference  
Drury Lane Conference Center  
[www.alatoday.org](http://www.alatoday.org)

## November 12, 2019\*

CRCA Membership Luncheon  
[www.CRCA.org](http://www.CRCA.org)

## December 6, 2019\*

CRCA Annual Awards Dinner  
Esplanade Lakes by Doubletree, Downers Grove  
[www.CRCA.org](http://www.CRCA.org)

\*CRCA Members only and their guests.

Not a CRCA Member? Visit [www.CRCA.org](http://www.CRCA.org) for membership information.

## CRCA welcomes the following new members since the Winter CRCA Today Issue!

### Contractor Member:

Elite Home Restoration, Inc.  
First Home Improvement Inc  
Foremost Improvements Inc.

### Roof Consultant Member:

C.E. Crowley & Associates  
INSPEC, Inc.  
Mac Brady Associates, Inc.  
Madsen, Kneppers & Associates, Inc.  
Roofing Advocates  
SRI Consultants Inc.

### Associate Members:

Atlantic Leak Detection  
Boral Roofing  
Bostik Inc.  
Common Sense Solutions Inc.  
D.I. Roof Seamers  
FAKRO America, LLC  
Greenrise Technologies  
Raptor Synthetic Underlayments  
RM Biltrite LLC  
Unilock Chicago, Inc.  
WindSmart LLC

To learn more about these firms, visit [www.CRCA.org](http://www.CRCA.org) and visit the member list! To learn more about CRCA Membership benefits by contacting [info@CRCA.org](mailto:info@CRCA.org)!