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The Magazine of Roofing and Waterproofing in Illinois and Beyond

Evolution of Modified Bitumen
What Employers Should Know about IMEs
Sustainable Synergy: Metal Panel + Solar
Unraveling the ABCs of MBE





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On the Cover: Photo courtesy of CRCA Associate Member RestoreWorks Masonry and CRCA Contractor Member A-1 Roofing at Navy Pier's Crystal Gardens glass roof. RestoreWorks scope included installation of Dowsil pre-formed silicone strips at approximately 11,000 lineal feet of joints using industrial rope access and the roofing portion included Sika Sarnafil 80mil feltback PVC, Soprema PMMA roofing with a complete tear off and decorative copper work. Project designed by Hutchinson Design Group and managed by A-1's Jim Gara.

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Spring Into Safety—Is Your Workplace Safe and Sound?

By CRCA Staff

he Department of Labor Bureau of Labor Statistics reported late last December there were 5,486 US fatal work injuries recorded in 2023, which is a 3.7 percent decrease from the previous year.\(^1\) This trend is a very positive statistic for the US workforce. However, in the private sector, which maintains records for our industry, the following were seen:

- Construction had the most fatalities (1,075) among all industry sectors in 2023 and was the highest for the sector going back to 2011.
- Falls, slips, and trips accounted for 39.2 percent (421) of all construction fatalities, with transportation incidents accounting for another 22.3 percent (240) of fatalities.
- Most fatal falls to a lower level (260 or 64.4 percent) within construction were from a height of between 6 and 30 feet, while 67 fatal falls were from a height of more than 30 feet.
- Portable ladders and stairs were the primary source of 109 fatalities in construction.
- For those in the distribution side, the transportation and warehousing sector had the second most fatalities (930), an 11.7-percent decrease from 1,053 fatalities in 2022. The fatal injury rate among workers in this sector also decreased from 14.1 in 2022 to 12.9 cases per 100,000 FTE workers in 2023.

Is it time to let our guard down? Absolutely not! Any roofing contractor or distribution owner or manager will tell you that the worst phone call to ever make is to notify loved ones of a workers' injury or even death on the job.

Cost of Injuries

Per the National Safety Council, the total cost of work injuries in 2023 was \$176.5 billion. This figure includes wage and productivity losses of \$53.1 billion, medical expenses of \$36.8 billion, and administrative expenses of \$59.5 billion. This total also includes employers' uninsured costs of \$15.7 billion, including the value of time lost by workers other than those with disabling injuries who are directly or indirectly involved

in injuries, and the cost of time required to investigate injuries, write up injury reports, and other administrative functions. The total also includes damage to motor vehicles in work-related injuries of \$5.9 billion and fire losses of \$5.6 billion.²

According to the U.S. Bureau of Labor Statistics, the rate of worker deaths and reported injuries in the United States has decreased by more than 60 percent in the past four decades since the Occupational Safety and Health (OSH) Act was passed. However, every year, more than 5,000 workers are killed on the job (a rate of 14 per day), and more than 3.6 million suffer a serious job-related injury or illness.

While the business benefits of reducing injuries are clear, the ability to retain and attract workers is becoming more important to remain competitive as the construction market grows and the availability of skilled workers tightens.

While many industry safety organizations promote "taking a break for safety," such as OSHA's National Safety Stand-Down to Prevent Falls in Construction May 5-9, 2025, and the Safe and Sound Week, August 11-17, 2025, our industry is encouraged to build a safety culture into the workforce every day.

From the Safe & Sound program³, the following are ten tips to building a successful safety culture:

- 1. Establish Safety & Health as a Core Value
- 2. Lead by Example
- 3. Implement A Reporting System
- 4. Provide Training
- 5. Conduct Inspections
- 6. Collect Hazard Control Ideas
- 7. Implement Hazard Control
- 8. Address Emergencies

- 9. Seek Input on Workplace Changes
- 10. Improve Programs as Needed

Implementing a safety and health program can improve small- and medium-sized businesses' safety and health performance, save money, and improve competitiveness as well as help ensure workers come home safe each night. Take advantage of the resources available to not only educate workers but to monitor and reinforce as well. "Spring Forward Safe" into this roofing season!

References

- https://www.osha.gov/ safeandsoundweek#:~:text=Excited%20for%20 Next%20Year's%20S,%2C%20August%20 11%2D17%2C%202025
- https://www.oshaeducationcenter.com/articles/ safety-stand-down/#:~:text=A%20%22Safety%20 Stand%2DDown%22,the%20Fall%20Protection%20 Stand%2DDown.

Endnotes

- 1. https://www.bls.gov/news.release/pdf/cfoi.pdf
- 2. https://injuryfacts.nsc.org/work/costs/work-injury-costs/
- 3. OSHA.gov/consultation



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What Employers Should Know About IMEs

By Phil Hayes



Phil Hayes

ave you ever wondered how a doctor determines an injured employee's diagnosis? Who decides what it means to be on "light duty" or "restricted"? What if the doctor is a friend of the employee? What if the employee is misrepresenting his or her injury for additional work comp benefits?

These are a few of the many questions I receive from contractors as a workplace injury goes through the workers compensation insurance process. To offer the insurance company and employer a level playing field, the IME industry was built. I feel I have been using a lot of acronyms lately. . . . OCIP, CCIP and now IME!

An IME (independent medical examination) is an objective evaluation done by a doctor that is NOT involved in the current treatment of the injured employee. The concept behind an IME is to allow the insurance company or employer to receive a FAIR, unbiased opinion on the injury.

In this article, I will provide high level education behind the process and your rights as an employer as it relates to IME's.

Understanding Employers' Rights Regarding Independent Medical Examinations

Understanding the role and implications of Independent Medical Examinations (IMEs) within the workers' compensation framework in Illinois, ensures compliance with legal standards and facilitates the effective management of workplace injuries.

What Is an Independent Medical Examination (IME)?

An IME is a medical evaluation conducted by a physician who is not involved in the ongoing treatment of the

employee. Typically, the employer or their insurance carrier requests this examination to obtain an objective assessment of the employee's medical condition, the extent of work-related injuries, the necessity of current or proposed treatments, and the employee's capacity to return to work.

Triggers for an Independent Medical Examination

Employers may consider requesting an IME under several circumstances:

- Clarification of Medical Diagnosis: When there's uncertainty about the nature or severity of an employee's injury.
- Evaluation of Treatment Plans: To assess the appropriateness and necessity of ongoing or recommended medical treatments.
- Determination of Work Capacity: When there's a need to evaluate if an employee can safely return to work or requires specific work restrictions.
- Resolution of Discrepancies: If there's a conflict between the opinions of different healthcare providers regarding the employee's condition.

Employers' Rights and Responsibilities in Illinois

Under Section 12 of the Illinois Workers' Compensation Act (820 ILCS 305/12), employers have the right to request that an injured employee undergo an IME. Key provisions include:

- Examination Logistics: The IME must be scheduled at a reasonable time and place, convenient for the employee. The employer is responsible for all associated costs, including the examination fee and travel expenses.
- Compliance: Employees are required to attend the IME.
 Failure to do so can result in the suspension of workers' compensation benefits until the examination occurs.
- **Disclosure of Findings:** The examining physician must provide a written report of the examination's findings to both the employer and the employee. This

report should be delivered no later than 48 hours before any related hearing.

What if an employer wants a second IME done down the road? In order for this to be approved, one of three things must happen: a change in the worker's condition, addressing a separate injury, or assessing the viability of the employee returning to work.

Selecting an Independent Medical Examination Service Provider

Choosing a qualified IME provider is vital for obtaining an objective and legally defensible assessment. Consider the following factors:

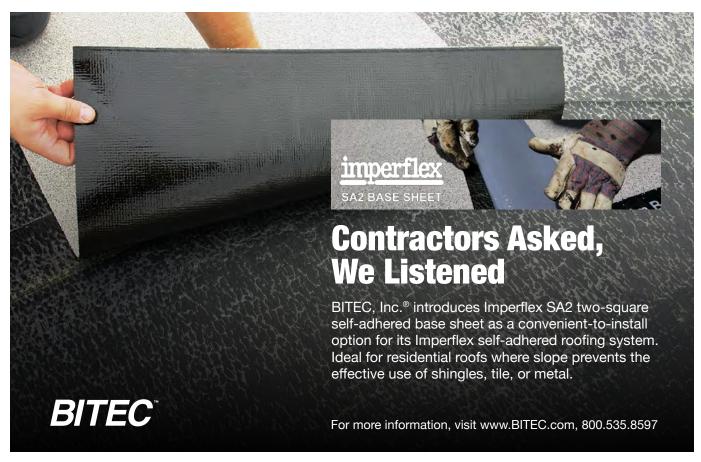
- Board Certification and Specialization:
 Ensure the physician is board-certified and possesses expertise relevant to the injury in question.
- Reputation for Objectivity: Opt for providers known for impartial evaluations, as biased assessments can be challenged and may undermine the credibility of the examination.
- Experience with Workers' Compensation Cases: A provider familiar with Illinois workers' compensation laws and procedures, as well as national trends, will deliver more accurate and relevant evaluations.

 Clear and Comprehensive Reporting: The physician should produce detailed reports that clearly document findings, supporting any conclusions with medical evidence.

This is a pivotal time in the process employers must be aware of the influence they have on selection. If you are on a guaranteed cost program (\$0 deductible), your carrier is paying for the IME but you as the policyholder have the right to direct the carrier on who to use. If you are on a large deductible program where it is your money, you can directly impact who conducts the IME. Regardless of your personal situation, I would recommend you sit down with your insurance broker and carrier to determine specific claim handling instructions at the beginning of each policy year.

If there is one takeaway from this article, I urge you to reach out to your insurance broker and setup a meeting with your carrier to create clear handling instructions on all workplace injury claims. The number one fracture in any process or relationship is lack of communication. Make the process clear for all parties on the front end to avoid confusion when the case warrants an IME.

Philip Hayes is Vice President of Sales with CRCA Associate Member firm, Assured Partners and also serves on the CRCA Contracts & Insurance and Health & Safety Committees. To learn more, contact Philip.hayes@assuredpartners.com or 630-888-7663.



Fix It Before You Sign It: Subcontract Clauses to Watch

By Trent Cotney



Trent Cotney

n the construction industry, general contractors (GCs) frequently impose burdensome provisions on roofing subcontractors, often shifting risk, liability, and costs onto them in ways that may be unfair or overly restrictive. Subcontractors operating in Illinois should be particularly aware of these clauses and negotiate their revisions to

ensure fair contractual terms. This article highlights some of the most onerous provisions commonly found in Illinois subcontracts and explains why they should be revised to protect subcontractors.

1. Duty to Coordinate Work

Many subcontracts impose a broad duty on subcontractors to coordinate their work with other trades, often without granting the subcontractor any meaningful authority to manage scheduling conflicts or worksite logistics. These provisions can be problematic when:

- the general contractor fails to provide an accurate or updated schedule,
- other trades are delayed, affecting the subcontractor's ability to perform its work efficiently, or
- the subcontractor is penalized for delays caused by others.

Recommended Revision: The duty to coordinate should be limited to reasonable efforts and should be contingent on the general contractor providing a reasonable, updated, and achievable schedule. Additionally, subcontractors should not be penalized for delays caused by others. Often, the duty to coordinate provision ties in with the no damages for delay provision, discussed below.

2. Duty to Identify Conflicts in Plans and Specifications

Some subcontracts shift the burden of identifying inconsistencies, omissions, or conflicts in plans and specifications onto the subcontractor. This is particularly problematic because subcontractors typically rely on the general contractor and design professionals to provide complete and accurate project documents. In addition, identifying all conflicts is often impractical, and it can create liability exposure for the subcontractor, even when the conflict was the result of poor design or coordination by the general contractor or architect.

Recommended Revision: The subcontract should specify that subcontractors are responsible only for reviewing plans and specifications for apparent and obvious discrepancies but are not responsible for detecting latent conflicts or design errors. The responsibility for proper design should remain with the owner and architect. Taken a step further, a waiver of design liability may be useful.

Here is a sample provision:

Regardless of any Contract Document provision to the contrary, Contractor is not liable for any design defect on the project including, without limitation, defects or deficiencies with the plans, specifications, shop drawings, or performance criteria ("Design Defects"). Customer agrees to release the Contractor from any claims, damages, or losses arising out of or relating to Design Defects.

3. Use of Subcontractor's Equipment and Tools

Many general contractors include provisions allowing them or other subcontractors to use a subcontractor's equipment and tools without compensation. This presents several issues including an increased risk of damage or loss to the subcontractor's tools and equipment, and potential liability if someone is injured while using the subcontractor's equipment.

Recommended Revision: The subcontract should state that any use of the subcontractor's tools or equipment by the general contractor or others must be expressly authorized in writing, subject to reasonable rental fees, and contingent on the GC assuming all liability for damage or injury arising from such use.

4. Unilateral Change Order Authority

Many subcontracts allow the general contractor to issue unilateral changes to the scope of work without fair compensation or an extension of time for the subcontractor. This can lead to performing extra work without fair payment, and disruptions to the subcontractor's schedule and budget.

Recommended Revision: Any changes to the subcontractor's scope of work should require mutual agreement, with clearly defined compensation and time extensions. Subcontractors should insist on a requirement for written change orders before performing additional work.

5. Pay-If-Paid Clauses

These clauses state that a subcontractor will only be paid if the general contractor is paid by the owner. This effectively shifts the risk of non-payment from the general contractor to the subcontractor.

Illinois Law Consideration: Under Illinois law, courts often construe "pay-if-paid" clauses as unenforceable if they attempt to waive a subcontractor's right to payment entirely and there are a variety of restrictions. However, these clauses can still cause significant cash flow problems.

Recommended Revision: Subcontractors should

negotiate for a "pay-when-paid" clause instead, which establishes that the subcontractor must be paid within a reasonable time regardless of whether the GC has received payment from the owner on those projects where contingent payment is allowed.

6. Indemnification Clauses

Indemnification clauses in subcontracts often seek to impose broad liability on subcontractors, including for damages or injuries caused by the general contractor's own negligence.

Illinois Law Consideration: Illinois law prohibits broad

indemnity clauses that require a subcontractor to indemnify a general contractor for the general contractor's own negligence (770 ILCS 60/1). However, many contracts still include such provisions, requiring careful review.

Recommended Revision: Indemnification should be limited to liability arising from the subcontractor's own negligence, and it should exclude any obligation to indemnify the general contractor for its own wrongdoing.

7. No Damages for Delay Clauses

These provisions attempt to prevent subcontractors from recovering damages when delays occur, even if the general contractor or others are at fault. This can be devastating when delays lead to increased costs, idle labor, or lost productivity.

Recommended Revision: Subcontractors should negotiate for an exception allowing recovery of damages when delays are caused by the GC's negligence, owner changes, or force majeure events beyond the subcontractor's control.

8. Unreasonable Warranty Requirements

Many subcontracts impose excessive warranty obligations that exceed standard industry practice, sometimes requiring multi-year guarantees on work that the subcontractor does not control.

Recommended Revision: The warranty period should be reasonable and should match the standard industry warranty unless the project specifications require a longer period.



9. Termination for Convenience Without Compensation

General contractors often include "termination for convenience" clauses allowing them to cancel a subcontract at any time without cause. These provisions can leave subcontractors stranded with significant unrecoverable costs.

Recommended Revision: If such a clause must be included, it should require fair compensation for work completed, materials purchased, and reasonable demobilization costs.

10. Flow-Down Provisions Incorporating Prime Contract Terms

Many subcontracts include a "flow-down" clause that binds the subcontractor to the same obligations the general contractor has under the prime contract. These provisions can be problematic because:

- The subcontractor may not have access to the prime contract.
- The terms of the prime contract may be more stringent or inappropriate for the subcontractor's scope of work.
- They can create unanticipated liabilities or risks.

Recommended Revision: The subcontract should explicitly state that only certain provisions of the prime contract apply, and subcontractors should request access to review the prime contract before signing.

Conclusion

Subcontractors must carefully review their contracts and push back on provisions that unfairly shift risk, impose unreasonable burdens, or limit their ability to recover costs. By negotiating revisions to these onerous terms, subcontractors can better protect their interests and ensure that their work is performed under fair and balanced conditions.

The information contained in this article is for general educational information only. This information does not constitute legal advice, is not intended to constitute legal advice, nor should it be relied upon as legal advice for your specific factual pattern or situation.

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Unraveling the ABCs of WBE, MBE, BEP, SBA and More

By CRCA Staff and Jennica Garza

or many, the certifications developed by the Small Business Administration (SBA) are as confusing as if they were written in a foreign language with which you are not familiar! The acronyms used to describe these programs, and the certification can be extremely difficult to navigate, and some businesses simply do not pursue due to the complexity of the process. This article will attempt to help CRCA Today readers to understand the process, learn the benefits and hear from a CRCA Associate member personally on how they navigated the process.

What Is a BEP?

A Business Enterprise Program (BEP) certification is a formal recognition that helps businesses gain preferential access to government contracts and corporate procurement programs. These can include Small Business Administration (SBA), Disadvantaged Business Enterprise (DBE), Women's Business Enterprise (WBE), Women-Owned Small Business (WOSB), Minority Business Enterprise (MBE) and Veteran Business Enterprise (VBE) as examples. These certifications can provide:

- Access to Contracts-eligibility for set-aside contracts reserved for businesses of a particular type such as yours
- 2. **Increased Visibility-**to potential clients resulting in business opportunities making your business easier to find
- Networking-connections and resources to help you connect with clients
- Preferential Treatment-such as expedited processing for certain applications

Tax Benefits

There are several possible tax benefits that womencertified businesses or other certifications, allied businesses, and investors could get access to. First, your business could get reduced tax liabilities for projects funded with federal or state grants or receive tax incentives. The federal government is also prone to offer

tax incentives to those businesses and states that work with minority or women-owned businesses. Finally, some local and national agencies will also give investors tax credits and tax waiver inducements if they choose to buy into a minority-certified business.

FEDERAL VS. STATE VS. CITY

What Is the SBA?

The U.S. Small Business Administration (SBA) helps small business owners and entrepreneurs start, grow, expand, or recover. SBA is the only cabinet-level federal agency fully dedicated to small business and provides counseling, capital, and contracting expertise as a national go-to resource and voice for small businesses. Created in 1953 by President Eisenhower, the SBA replaced an earlier federal program called the Reconstruction Finance Corporation (RFC) that lent federal funds to all business, large and small, affected by the Great Depression. The SBA's mission is to "aid, counsel, assist and protect, insofar as is possible, the interests of small business concerns." It also is charged with ensuring that small businesses earn a "fair proportion" of government contracts and sales of surplus property.

Today, SBA's programs now include help with management, as well as financial and federal contract procurement. It provides specialized outreach to women, minorities, and armed forces veterans and is committed to creating a more equitable and sustainable economy supported by America's small businesses.

SBA Vs SBE

The Small Business Administration (SBA) and Small Business Enterprise (SBE) certifications are similar but different. The SBA provides federal assistance to small businesses. The SBA also determines which businesses qualify as "small" for federal contracting purposes, based on size standards related to average annual receipts or number of employees. SBE, on the other hand, is a broader term for a small business, often used in the context of state or local government programs that aim to promote diversity and inclusion by providing contracts and benefits to businesses owned by certain groups.

In general, businesses must meet the SBA's size standard requirements to apply for SBE certification. Visit https:// www.sba.gov/federal-contracting/contracting-guide/ size-standards/size-standards-tool to determine if your company qualifies.

Requirements vary across different governments, so check with your respective state's rules before applying. Other qualifications can include percentage of ownership. For example, for a WBE, at least 51% of the business must be owned and controlled by women, who also manage the daily operations and make long-term decisions. Other criteria can include that the business must be a for-profit business located in the United States and that the women business owners must be U.S. Citizens or legal residents.

Register with the SBA First?

Certification registration can be done on multiple levels. You don't necessarily need to register as a Small Business Enterprise (SBE) before achieving a certification on a state, region, or city level. However, many times they go hand in hand as some programs may have separate SBE certifications, and you may be encouraged to apply for both.

Certifications Within Certifications

Within the specific certification categories, (i.e., Women, Minorities, Veterans), there can be a variety of sub-groups. For example, WBE (Women's Business Enterprise) and WOSB (Women-Owned Small Business) certifications are both for women-owned businesses, but they differ in their focus and scope. WBE certifications are more focused on the private sector and state-level contracting, while WOSB certifications are specifically for small businesses seeking federal government contracts.

To obtain Minority Business Enterprise (MBE) certification in Illinois, businesses must meet the 51% minority ownership seen in other certifications, operation and control by a minority group member who is a U.S. citizen, and other eligibility criteria like location and size. Specific requirements and certification processes vary by city (like Chicago) and state agencies. Other key requirements and eligibility include:

- **Location:** The business must be located in Illinois.
- **U.S. Citizenship:** The minority owner(s) must be U.S. citizens.
- Business Size: The business must meet size standards as outlined by the U.S. Small Business Administration (SBA).
- Personal Net Worth (Chicago): In Chicago, the eligible disadvantaged applicant's personal net worth cannot exceed \$1.32M.
- **Certification Agencies & Processes:**

- City of Chicago: The Department of Procurement Services (DPS) offers MBE certification, along with WBE (Women Business Enterprise) certification.
- Illinois Tollway: The Illinois Tollway has a DBE (Disadvantaged Business Enterprise) program that includes MBEs.

If you're looking for additional guidance and benefits, you can also receive certification from a third-party certifier (TPC) from the Small Business Administration. Below are two examples of SBA-approved TPCs for women owned businesses:

- The National Women Business Owners Corporation www.nwboc.org
- The U.S. Women's Chamber of Commerce www. uswcc.org/certification

Minority Owned Business Certifications on a Personal Level



Jennica Garza

Minority-owned companies bring fresh perspectives and innovative solutions to the everchanging business world. Despite minority business owners' substantial contributions, their businesses often face unique challenges, such as limited resource access and systemic bias. A powerful tool to overcome these hurdles is obtaining a minority-owned

business certification. CRCA Today visited with CRCA Associate Member Jennica Garza (Garza Supply) to learn more about their business and their certification path.

Garza moved to the US in 2011 at age 24. After finishing up at the University of Windsor in Ontario, Canada, she moved south across the border in search of opportunity. She began selling PPE to supply companies across the construction industry, including electrical, roofing, pipe and more, growing her national accounts from just four to over 400 in three years.

Jennica met Rich Garza, who was already in the roofing industry supply field and together realized they were ready to take a risk and created Garza Supply. She stated, "Garza Supply was founded out of boldness, vision and a shared belief in building something that mattered "

Starting shop in a home garage, she began learning every part of the business, from products, vendors, customers, to POs, invoices, and operations. She

learned about small business certifications when first working in PPE sales. Garza commented "Many of my customers, or the customers they supplied, were certified minority-owned businesses, and I saw firsthand how these credentials helped them compete, grow, and win contracts—especially in industries like construction, where public and private projects often have diversity goals."

Garza Supply proudly holds both MBE (Minority Business Enterprise) and DBE (Disadvantaged Business Enterprise) certifications. When first pursuing these certifications, Garza understood the long-term benefits:

- Helping us grow as a small business
- Helping our customers meet diversity and inclusion requirements
- Most importantly, it gives clients another reason to choose Garza Supply as many require MBE/ DBE participation to meet their own diversity business goals.

When asked why these certifications were important, Garza replied "These designations reflect who we are—a minority-owned company committed to growth, service, and opportunity—but they also serve a deeper purpose in how we support our customers." She also stated that while offering prompt service, trustworthy customer experience is very important and feels that the added value of working with a certified supplier like an MBE seemed like a win-win.

To qualify as an MBE, at least 51% of the company must be minority-owned, which is covered with Rich Garza holding the majority stake. As a result, Garza Supply, as a certified minority business, also qualifies as a DBE,

based on Illinois' state and tollway guidelines. They also help out by hiring within their Elgin, IL community, which is a "red zone" area that includes economic impact indicators such as housing, crime and more.

Garza Supply proudly holds active certifications with the State of IL, Cook County, Metropolitan Water Works, CTA, IL Tollway, and the National Minority Development Council (NMSDC) and renew these annually, meeting rigorous requirements to ensure transparency, credibility, and excellence.

Community-Focused, Customer-Driven

As active members of the Chicago Roofing Contractors Association (CRCA) and the Illinois Hispanic Chamber of Commerce, the Garzas feel that these certifications help solidify their neighborhood partner relationship and also offer solutions that help contractors all over the Chicagoland area do their jobs better.

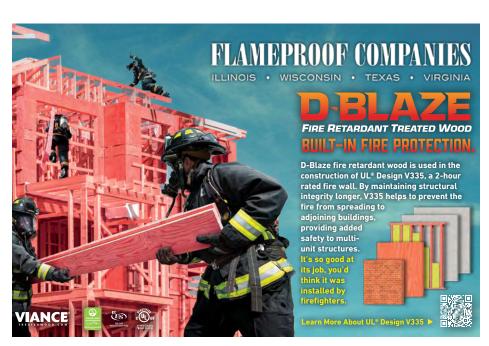
As a takeaway from this article, if your business falls into one of the certification categories included above, consider exploring further the steps needed to qualify for the certification and then weigh the benefits these programs can create for small and minority businesses, including roofing.

Resources:

- SBA https://certify.sba.gov/
- GSA Small Business Resources: www.gsa. gov/small-business/small-business-resources/ government-contracting-fact-sheets
- Veteran-Owned Small Business www.va.gov/ careers-employment/veteran-owned-businesssupport
- Women-Owned Business www.sba.gov/ business-guide/grow-your-business/women-ownedbusinesses
- Registration with the federal government's System for Award Management (SAM) https://sam.gov

Endnote

 https://www.sba.gov/about-sba/organization/ observances/celebrating-70-years-service-americassmall-businesses



Roof Talk—Contractor



Company: Dardon Construction Inc.

Location: Chicago, IL Business Founded: 2003 Joined CRCA: October 2023

Who is providing the answers: Elvis Dardon

What Services Does Your Business Offer?

Dardon Construction provides multiple services for both residential and commercial, new construction, roofing, siding, remodeling, concrete, brickwork, flooring, tuck pointing, water, fire & hail damage and all renovations. We also have our sister companies of Dardon HVAC, which handles all furnaces, water tanks and A/C units' installation and Dardon Electric, which covers all the electrical work needed to our clients.

Where Do You See Your Business in 5-10 Years?

Our goal for the next 5 to 10 years is to continue to grow by researching and learning new techniques to enhance our work ethic and implement new innovative ideas and provide this with current and future clients. This ensures completion and satisfaction on every project we perform. That way, we can continue to receive future projects. Attending events plays a major role in making our business well known to the public.

What Is Your Best Business Memory to Date?

I have so many of them but the one that is the most memorable to me is the work we did for one of our clients by renovating senior housing in Chicago. We renovated 24 apartments located on Madison Street and were able to accommodate current and new tenants into their new homes. They were extremely grateful and happy to have a "new" home and didn't have to wait too long to move in.

How Did You Learn About CRCA?

Many years ago, while working with other great GC's, they always talked about CRCA. I decided to first subscribe to the magazine and while enjoying every article, that convinced me enough to decide in becoming a member.

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

In the past, while I was able to attend a few of the events with CRCA, I can honestly say that I was able to network with other GC's and suppliers. I was able to build business relationships with them and to this day conduct business with all of them. My schedule is very hectic, but I send my foreman and estimators to attend . . . a positive thing!

What Value Does CRCA Membership Bring to You?

The #1 value that CRCA provides to Dardon Construction is recognition. This has opened many doors for my company with vendors and suppliers. As previously mentioned, networking with well-known companies and building reputation and extending business relationships during the last few years, has led to many successful projects.

What Advice Would You Give a New CRCA Member?

No matter how small you feel your business is, joining the organization has many perks and benefits. You can learn a lot from the events and networking with others in order to expand your knowledge and business opportunities. Having this membership at hand has been amazing, and during the years, many vendors/suppliers acknowledge the company when we mention that we are part of the CRCA organization and are always impressed.

Is There Anything Additional That You Would Like to Add That Was Not Asked/Mentioned?

I want to thank all the CRCA staff for their support and the amazing work they do in following up with our membership. At times when I am extremely busy, I receive emails and phone calls from them to remind me of the annual membership. Everyone is always professional and nice. CRCA always has a team of experts available with detailed information on each year's membership and that I am grateful.

Editor's Note: CRCA would like to recognize Dardon Construction Inc. for their continued support as an Upgraded Bronze Member!

Roof Talk—Associate

FLAMEPROOF COMPANIES

ILLINOIS . WISCONSIN . TEXAS . VIRGINIA

Company: Flameproof Companies Locations: IL, WI, TX and VA Business Founded: 1991 Number of Employees: 100 Joined CRCA: February 2021

Who is providing the answers: Joe Kauffmann, VP

Sales, FLAMEPROOF COMPANIES

What Services Does Your Business Offer?

Since 1971, Flameproof Companies have manufactured Fire Retardant and Preservative Treated Lumber & Plywood. What began as a small treatment facility in Chicago has now grown into a nationwide operation with manufacturing & distribution facilities in Wisconsin, Texas and most recently, Virginia. Today, The Flameproof Companies is a manufacturer of high-performance treated wood products that specializes in the production of treated lumber, plywood, OSB and engineered wood products featuring a range of superior chemistries including: fire retardants, metal-based preservatives, non-intumescent coatings, & other unique chemistries.

Where Do You See Your Business in 5-10 Years?

The building codes and regulations that are in the industry today are increasing the demand for treated wood products. Flameproof Companies is the second largest provider of FRT lumber across the country. Business is growing every year. We are expecting to as well!

What Is Your Best Business Memory to Date?

Many years ago I was attending my first CRCA show. 40 plus years later I still see some of the same people walking at the event. Our industry has a way of making everyone come back. It's the people. The people—the business associates that become life-long friends.

How Did You Learn About CRCA?

The CRCA group was first introduced to me many years ago by Freddie Creed. God Bless and we will always cherish the memories of him and CRCA shows from the past.

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

Creating relationships that last a lifetime. Why wouldn't you want that? Safe travels.





Sustainable Synergy: Combining Metal Panels with Solar Solutions

By Lee Ann M. Slattery



Lee Ann M. Slattery

s the demand for sustainable, energy-efficient buildings accelerates, architects and property owners are turning to building materials that not only perform well but also integrate seamlessly with renewable technologies. Standing seam metal roofing has emerged as the perfect platform for solar-ready

construction, ideal for mounting photovoltaic (PV) solar panels without roof penetration or structural complications.

There are many benefits to installing solar panels over standing seam metal roofing, including:

- Metal roofing has a very long-life span, more than
 most roofing materials. The useful service life of typical
 solar panels is often 25-30 years before their output is
 less than 80%. The metal roofing service life is usually
 twice that, at 60 years or more.
- Standing seam metal roof panels provide a natural platform for attaching solar panels without roof penetration. Special clamps are used to attach the solar panels to the metal seams on the roof panels.
- Solar panels on metal roofs are more energy
 efficient because the metal roof's reflective properties
 reduce heat absorption, preventing the panels from
 overheating. This leads to better performance and
 higher electricity generation. The reduced heat also
 helps the panels operate more efficiently, maximizing
 energy output.
- While the initial cost of a metal roof can be higher than other materials, the long-term maintenance costs and energy savings can offset this.
- Allows for budgeting of the expense of a metal roof system with solar panels in stages. If finances don't allow purchasing of the entire solar roofing system all at once, building owners can have a standing seam metal roof installed, and then years later, add the

- solar panels. Even 10 or 20 years down the road, that metal roof is still going to last longer than the average life of solar panels.
- Metal roofs can offer superior resistance to fire, wind, and other weather conditions compared to traditional materials like asphalt shingles.
- The use of metal roofing with solar panels can assist in many green building certifications, such as LEED (Leadership in Energy and Environmental Design), Green Globes, and the Living Building Challenge.



ATAS Photo

One example of a project utilizing standing seam metal roofing as a platform for solar panels is the Riverview Branch Library, Riverview, FL. The roof panels were manufactured in .040 aluminum, with a 2" seam height and panel width of 15-1/4". The panels were mechanically seamed, to create a double-locked structural panel that can meet severe load requirements. The 35,000 square foot Riverview Branch Library was designed in old Florida grandeur style by FleischmanGarcia Architecture of Tampa, Florida. It includes eight meeting rooms, along with maker space and a recording studio, with two editing suites. A covered and screened-in reading porch and outdoor garden were incorporated into the design, as were a bookstore and

vending café. A 5,000 square foot separate children's area allows plenty of room for kids to read and explore. The library was designed to Silver LEED standards. Some of the building's features contributing toward LEED certification include the rooftop solar panel power system, an electric car charging station, native/drought-resistant landscaping, and patio furniture made from recycled plastic bottles.

Ken Zuker, Senior Associate with FleischmanGarcia Architecture, stated, "The county commissioner dictated a sloped roof for this building. Because it's a county building with an expected life span of 50 to 60 years, a metal roof was the obvious choice. Since 340 solar panels were going to be installed on the roof, we chose aluminum for the metal substrate due to its longevity."



ATAS Photo

The Fahy Commons building at Muhlenberg College in Allentown, PA is another example of a solar panel installation over standing seam metal roofing. This LEED Platinum certified building was named the first project in the world to achieve <u>Core Living Building Certification</u>, a program administered by the <u>International Living Future Institute (ILFI)</u>. The solar and metal roofing systems were just two components of many that helped the building reach this goal.

"The Living Building Challenge is a philosophy, advocacy tool and certification program defining today's most advanced measure of sustainability in the built environment," according to ILFI's website. "It addresses all buildings at all scales and is an inclusive tool for transformative design. Whether the project is a single building, a renovation, an infrastructure project or a park, the Living Building Challenge provides a framework for designing, constructing, and improving the symbiotic relationships between people and all aspects of the built and natural environments."

In addition to rooftop solar systems being installed on a variety of commercial, municipal, and institutional buildings, we are also seeing a large growth in the number of solar systems being installed on homes. According to the Solar Energy Industries Association, "The residential sector accounts for 97% of all solar installations in the U.S. This sector has set annual installation records for five consecutive years and 10 of the last 12 years. Residential solar is growing at a historical rate because it is a proven investment for homeowners looking to take control of their energy costs. Today, 11 U.S. states and territories have over 100,000 systems installed." Although this includes residential solar systems installed over all types of roofing materials, we are seeing an increase in metal roofing as a desired platform for the solar panels. Some homeowners are making the investment for an entire metal roof solar system because they have security and peace of mind knowing their roof will not have to be replaced in decades, even if the solar panels need replacement in 25 or 30 years.

Yes, metal roofing is going to be more expensive than some other roofing materials, but not if you look at the life cycle of the material. The Metal Roofing Alliance states, "While the initial cost of a quality metal roof may be higher than roofing materials such as asphalt, it's an investment that can cost less over the life of your roof. A quality metal roof can last 50+ years with little maintenance, provide superior protection against the elements, and may even increase the resale value of your home."

As we look to a future shaped by innovation and environmental responsibility, solar-ready metal roofing, combined with PV panels, stands out as a powerful symbol of progress. By embracing that combination, homeowners and businesses alike are not only investing in durable, energy-efficient infrastructure but also contributing to a cleaner, more sustainable planet. With every panel installed, we move one step closer to a world where renewable energy is the norm—and that future is not just possible, it's already taking shape above our heads.

Lee Ann M. Slattery, FCSI, CDT, CCPR, LEED PA BD+C is the Sales Support Manager for CRCA Bronze Associate member ATAS International, and the Vice Chair of the Metal Construction Association. She has 30+ years of experience in sales and marketing within the architectural building products industry. Lee Ann served as the Middle Atlantic Region Institute Director on the board of the Construction Specifications Institute for four years and was elevated to Fellowship within CSI in 2020. She currently served on the education committee for National Women in Roofing and is a director for the Lehigh Valley Let's Build Construction Camp for Girls, founded in 2017. In 2024, she received a Lehigh Valley Women of Influence and a Circle of Excellence award from Lehigh Valley Business.

The Evolution of Modified Bitumen Roofing Membranes: History, Dissemination, and Modern Applications

By David Allen



David Allen

odified bitumen (MB) roofing membranes have become a staple in the roofing industry due to their durability, flexibility, and ease of installation. This article explores the historical development of modified bitumen membranes, their origins, dissemination across global markets, and their

current applications in modern roofing systems. The discussion also includes environmental considerations, contractor benefits, and the use of MB membranes in below-grade waterproofing applications. As sustainability and energy efficiency become critical in construction, MB membranes continue to evolve with improved formulations and installation methods. The continued advancements in polymer chemistry and innovative application techniques highlight the growing role of MB membranes in contemporary roofing and waterproofing solutions.

Roofing technology has evolved significantly over the past century, with modified bitumen membranes emerging as an alternative to traditional built-up roofing (BUR) systems. BUR, composed of multiple layers of asphalt and felt, has been used for over a century, but it suffers from issues such as brittleness, labor-intensive installation, and susceptibility to weather-induced degradation. Additionally, BUR systems require extensive heating and application methods that increase labor costs and installation time.



BITEC Photo

The introduction of polymer-modified bitumen in roofing technology has revolutionized the industry by enhancing durability and performance. MB membranes provide high tensile strength, excellent weather resistance, and ease of installation compared to older systems. Their adaptability to various climates and compatibility with different substrates make them a preferred choice for contractors and building owners worldwide. Unlike BUR systems, MB membranes come in roll form, making transportation and installation more efficient.

This article explores the history, global adoption, modern applications, and sustainability aspects of modified bitumen membranes. It also examines their advantages over other roofing systems and their expanding use in waterproofing applications beyond roofing. Additionally, the economic impact of MB roofing systems, including cost-effectiveness and lifecycle benefits, is analyzed to provide a comprehensive view of their role in the construction industry.

Origins of Modified Bitumen Roofing

Imper Italia, which began manufacturing APP-modified bitumen membranes in 1967 with its pioneering *Paralon* product, played a crucial role in the development of MB membranes. By the early 1970s, these formulations

were commercialized and began gaining traction in the European roofing industry. The superior performance of MB membranes compared to traditional BUR systems led to increased adoption. Additionally, as MB membranes were refined, they became more cost-effective, increasing their appeal to a broader market.

Two major polymer additives were introduced: Atactic Polypropylene (APP) and Styrene-Butadiene-Styrene (SBS), each providing unique performance benefits. APP-modified bitumen was developed to improve UV resistance and thermal stability, making it primarily suitable for warm climates where elevated temperatures could degrade conventional bitumen. SBS-modified bitumen, on the other hand, was designed to enhance elasticity and crack resistance, making it ideal for coldweather applications where flexibility was crucial.

Germany faced a shortage of natural rubber and developed synthetic alternatives, including styrene-butadiene rubber (SBR), to meet military and industrial demands. The development of SBR, also known as Buna-S, was led by Dr. Walter Bock, a German chemist working for I.G. Farben in the 1930s. His work on polymerizing butadiene with styrene resulted in a synthetic rubber that could replace natural rubber, which was in

short supply during World War II (Feldman & Barbalata, 'Synthetic Polymers: Technology and Applications', 1996).

This research laid the foundation for later advancements in elastomeric polymers. In the post-war era, Shell Chemical Company built upon these earlier innovations and developed Styrene-Butadiene-Styrene (SBS), a block copolymer that combined the elasticity of rubber with the processability of thermoplastics. Initially intended for use in adhesives and industrial applications, SBS was later adapted for construction materials, including modified bitumen roofing.

Shell researchers pioneered the integration of SBS into bitumen, creating a highly elastic and durable roofing material. SBS-modified bitumen offered superior flexibility, even at low temperatures, significantly reducing the risk of cracking and extending the lifespan of roofing membranes. By the 1970s, SBS-modified bitumen membranes had been widely adopted across Europe, paving the way for their introduction to the North American market.



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Dissemination and Global Adoption

The success of modified bitumen roofing systems in Europe soon influenced markets in North America and beyond. By the late 1970s and early 1980s, MB membranes were introduced to the U.S. and Canadian roofing industries. Manufacturers adapted production techniques to meet regional climate conditions and regulatory standards, further accelerating adoption. The introduction of APP and SBS membranes revolutionized commercial roofing in North America, offering an alternative to asphalt-based BUR systems. Advances in polymer research during this period also improved weather resistance, increasing the product's appeal.

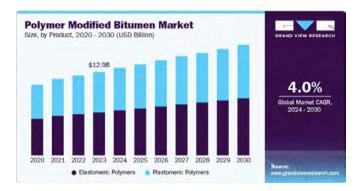
Growing urbanization and infrastructure development in Asia and the Middle East led to increased demand for reliable roofing solutions. In Latin America and Africa, the cost-effectiveness and durability of MB membranes made them a preferred choice for residential and commercial roofing in developing economies. Today, modified bitumen membranes are a global standard in low-slope roofing applications, with advancements in polymer technology further enhancing their performance. Additionally, regulatory shifts favoring environmentally friendly materials have encouraged further innovation in MB formulations.

Roofing Membrane Type Comparison and Degradability

Roofing Type	Material	Application Method	Advantages	Degradability
PVC	Polyvinyl Chloride	Heat-welded	High durability, chemical resistance	Low-can persist in the environment for decades
ТРО	Thermoplastic Olefin	Heat-welded	Energy-efficient, UV- resistant	Moderate – some formulations are recyclable
EPDM	Ethylene Propylene Diene Monomer	Fully adhered, ballasted, or mechanically fastened	Excellent weather resistance, flexibility	Low-resistant to degradation, requiring special disposal methods
BUR	Built-Up Roofing	Hot asphalt or cold adhesive	Multi-layer durability, redundancy	Moderate – asphalt components degrade over time but can be repurposed
мв	Modified Bitumen	Heat-welded, cold- applied, or self- adhered	High tensile strength, excellent weather resistance	Moderate – degrades faster than fully synthetic membranes

Environmental Considerations and Sustainability

Modified bitumen membranes are considered environmentally safer compared to fully synthetic membranes due to their faster biological decomposition rates. Studies indicate that MB membranes, particularly those with reduced polymer crystallinity, degrade more rapidly in nature than synthetic alternatives (Green Building Standards, 'Energy-Efficient Cool Roof Products', 2023). Additionally, MB systems contribute to energy efficiency through reflective coatings and cool roofing technologies, reducing urban heat island effects and lowering cooling costs (Energy Star, 'Cool Roofs Initiative', 2023).



Conclusion

Modified bitumen membranes have revolutionized roofing technology, offering enhanced durability, flexibility, and sustainability. Their integration into global roofing standards highlights their importance in modern construction. As regulatory requirements for environmental responsibility grow, MB membranes will continue to evolve, incorporating innovative polymer blends and energy-efficient coatings.

With their proven track record, modified bitumen membranes remain a reliable solution for commercial, industrial, and residential roofing needs.

David G. Allen, from CRCA Associate Member firm, BITEC, Inc., has dedicated 49 continuous years to the roofing industry and is a graduate of UA Little Rock.

Throughout his nearly five decades in the industry, Allen has had a distinguished career in the roofing industry, playing a pivotal role in BITEC, Inc.'s growth and reputation. Early in his career, he assisted in expanding roofing technologies globally, contributing to international projects that advanced the adoption of innovative materials. His expertise was honed in the European market, where modified bituminous roofing materials originated, giving him deep insight into the evolution of high-performance roofing

systems. With a strong background in materials science and construction, he became a key figure in developing roofing and waterproofing products.

His expertise has contributed to innovations in self-adhered systems, modified bitumen membranes, and improved installation methods. Beyond product development, Allen has been instrumental in technical training, customer support, and quality assurance, ensuring BITEC's continued excellence. For more information, contact dallen@bitec.com.





Industry News

By CRCA Staff

Upcoming 2025 Events—Visit CRCA.Org for More Information!

- CRCA Topgolf Social Event–May 15th, sponsored by CRCA's Emerging Leaders, Schaumburg
- CRCA New Member Meet & Greet-May 15th, Virtual
- CRCA Scholarship Awards Dinner–June 18th, Morton Arboretum, Lisle
- CRCA Golf Outing–July 10th, Silver Lake Country Club, Orland Park
- CRCA Chicago Dogs Family Event–August 23rd, Rosemont
- CRCA Membership Meeting-September 16th
- CRCA Casino Night-October 9th, sponsored by CRCA Membership Committee, Marriott Schaumburg
- CRCA New Member Meet & Greet–November 11th, Virtual
- CRCA Membership Meeting & Lunch-November 18th, Maggiano's Oak Brook
- CRCA Annual Awards Dinner–December 5th, Marriott Southwest, Burr Ridge



CRCA Photo

CRCA Member News

CRCA Members Visit DC Legislators

In April, CRCA Members traveled to Washington DC to discuss roofing and construction based issues with national legislators. These included workforce shortages and pro-growth tax reform. Thanks for making our roofing voice heard!

Happy Birthday Lakefront!!

CRCA congratulates Lakefront Roofing and Siding Supply on their 40th birthday April 1st, 2025. Tim Bock, Lakefront Founder and President commented "We are so honored to be in the marketplace serving as a Mission Business all these years. We thank all of you who have been a part of our history!"

IR Analyzers Rebrands Website

In late February, IR Analyzers announced the launch of its newly revamped website which includes info on the company's wide range of services including Roof Moisture Surveys, Electronic Leak Detection, and more.

"Building on our 40+ years of experience, IR Analyzers is very excited to introduce our new brand and website, which better reflect our mission and values," said Peter Brooks, Founder and CEO of IR Analyzers. "We are committed to providing our clients with roof testing services that are unparalleled for accuracy and reliability. This rebrand is a testament to our continuous evolution and dedication to serving the industry."

The website also features a blog section where industry professionals can stay informed about the latest trends and insights in roof testing and maintenance. For more information, visit iranalyzers.com.

Korellis Promotes New Safety Director

On March 18, 2025, CRCA Contractor Member Korellis announced the promotion of Derek Crews to Director of Safety. Crews joined the company in early 2024 as Project Safety Manager and has since played a key role in enhancing safety protocols and fostering a culture of safety across the organization.

"We are proud to have Derek step into this leadership role," said Matt Evans, Vice President of Operations at Korellis. "His extensive background in safety and risk management, combined with his ability to connect with our teams and reinforce a proactive safety culture, makes him an excellent fit for this position."

With more than 20 years of active-duty service in the United States Coast Guard, Crews brings a wealth of experience in safety enforcement, personnel training, and

risk management. Throughout his military career, he was responsible for overseeing safety compliance, conducting accident and incident investigations, and coaching teams to maintain the highest safety standards. In his new role, he will continue to develop and implement initiatives that align with Korellis' mission of providing a safe and efficient work environment for all employees. This contractor member firm provides commercial and industrial roofing, masonry, and wall panel services. To learn more, visit www.korellis.com.

Beacon and QXO Joining Forces

On April 29th, QXO, Inc. announced the acquisition of Beacon Roofing Supply, Inc., making QXO the largest publicly traded distributor of roofing, waterproofing, and complementary building products in the United States.

"Acquiring Beacon is a major step forward in our strategy to make QXO the leading tech-enabled company in the \$800 billion building products distribution industry," said Brad Jacobs, chairman and chief executive officer of QXO. "We're excited to welcome Beacon's talented team and, together, apply our proven playbook to accelerate growth, expand margins, and create an unmatched customer experience."

With the acquisition complete, Beacon is now a wholly owned subsidiary of QXO. Beacon Roofing Supply is a

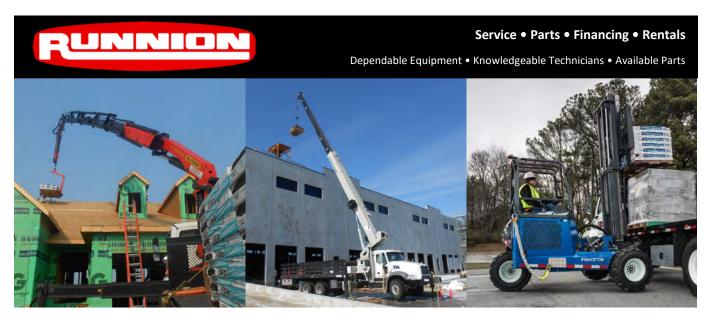
distributor of roofing, waterproofing and exterior products, with nearly 600 branches across the U.S. and Canada. QXO provides technology solutions, primarily to clients in the manufacturing, distribution and service sectors.

Beacon Roofing Supply President and CEO Julian Francis said: "We have a highly differentiated business with multiple paths to success, margin expansion and value creation, and thanks to the incredible talent and dedication of our employees, I know Beacon has a bright future ahead. We will now enter a new chapter of growth, true to our mission to help our customers build more."

ATAS Expands Its Portfolio with Metalwërks Architectural Plate Systems

ATAS International, Inc. announced on March 18, 2025, that it expanded its product portfolio by acquiring the assets of Metal Sales & Service, Inc., including the Metalwërks® line of architectural metal plate systems. Metalwërks is recognized industry-wide for high performance metal plate exterior facade systems, integrated curtain wall components, and custom architectural features, including column covers and engineered screen wall systems.

The addition of metal plate wall systems to the ATAS product line will provide architects and building owners with yet another wall cladding choice. When combined





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with other ATAS' products, including single skin panels (standard, custom, curved, tapered, and/or perforated), metal composite material, and insulated metal panels, a functional and aesthetically pleasing building envelope, or building interior, can easily be achieved.

"Adding architectural plate systems to the ATAS International, Inc. product line is a game-changer for our customers," said Dick Bus, President of ATAS. "By combining our panel expertise with Metalwërks' exceptional plate systems, we're making it easier than ever for architects and specifiers to source a full range of exterior metal solutions from a single, trusted partner; all with seamless consistency in finishes and uncompromising quality."

For more information on the Metalwerks systems, please visit www.metalwerksusa.com or atas.com.

Flashco Opens New Location

Rob Drew, CRCA Associate Member's Marketing Manager announced the May 15th grand opening celebration of the 849 N. Church Ct., Elmhurst IL location. Register today to attend at www.flashco.com/elmhurst-grand-opening to see live product demos, plant tours plus free food, beverages, and raffle prizes. Contact rob. drew@flashco.com if you need more info.

Other Industry News

Mark Your Calendar!



Put June 10-11, 2025, for the Metal Construction Association's 2025 meeting in Rosemont, IL

on your calendar. Open to Non-MCA members, roofing professionals are welcome to attend to learn about metal roofing installation as well as metal wall cladding and other metal building components.

Visit https://metalconstruction.org/index.php/events/summer-meeting/summer-meeting-2025 to learn more or info@metalconstruction.org.

Business Bits-Tracking Time and Income Reporting

Tracking Time Improperly—Accurately tracking time for hourly employees can be challenging. Employers may unintentionally overlook compensable time, such as meal or rest breaks, travel to off-site assignments, or participation in company-sponsored events.

Under the Fair Labor Standards Act (FLSA), nonexempt employees—typically paid hourly—must receive overtime pay at 1.5 times their regular rate for any hours worked beyond 40 in a workweek. Improper time tracking can lead to two unfavorable outcomes: 1) underpayment, where employees aren't properly compensated for overtime, or 2) overpayment, which may require repayment or adjustments to future wages. Either scenario can cause frustration, damage morale, and potentially expose the employer to legal risk.

Failing to Report All Sources of Income —

Compensation includes more than just salaries and hourly pay. Examples of alternative pay sources are overtime, bonuses, and commissions. Some lesser-known income items may also come into play. For instance, some employers may offer incentive stock options (ISOs) or other rights, gift cards, employee awards, and other fringe benefits, such as the use of company-owned vehicles.

Payroll and income taxes must be paid on these items, too. Failing to include the value of awards, bonuses, and fringe benefits (when required) in employees' taxable incomes can lead to substantial underreporting penalties for employers.

Consult your tax professional for guidance on these types of issues to avoid costly penalties and/or fines.



CRCA Welcomes the Following Upgraded CRCA Members!

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GAF Materials Corporation

McCormack Partners Global LLC

QXO

Platinum

Gold

IB Roof Systems
Roofivent, LLC
TOPWET INC.
USI Insurance Services

Brown & Brown, Inc.

CertainTeed Roofing Products
Industrial Cork Company, Inc.

Silver

Bronze

AAdvanced Building Products - Carlisle SynTec
ATAS International, Inc.
Caber Hill Advisors
Captive Resources
*Dardon Construction Inc.
Flameproof Companies
NSS Exteriors
S.J. Mallein & Associates
Soprema, Inc.

The J & R Group of Bank of America / Merrill Lynch

*Contractor Member

Learn more about CRCA's Member Upgrades and all this includes! Contact info@crca.org today!

CRCA Contractor Members

The Contractor Members of the Chicago Roofing Contractor Association install all types of roofs, including reflective single ply, modified bitumen, built up, gravel, reflective coatings, shingle, shake, slate and tile, vegetative garden or photovoltaic coverings. From formation following the Great Chicago Fire of 1871, CRCA Members have moved with the times and technology, yet continue to maintain some of the same goals set forth over 140 years ago. To find a CRCA Professional Contractor, visit www.CRCA.org.

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Apex Exteriors, Inc.	(847) 531-8960
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Deady Roofing & Construction, Inc	(708) 672-0874
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