

# METAL OF HONOR AWARDS



APRIL 2025 • Vol. 24 • No. 2

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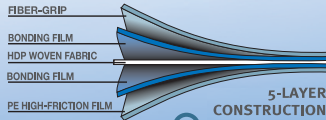
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# Spring: Time To Excel

**W**elcome to the April issue of Metal Roofing Magazine. This is an exciting time of year for Metal Roofing. Spring is a time to be exceptional.

April Metal Roofing features the Metal of Honor Awards. This is an attempt by us (on behalf of our readers) to put the best metal roofing manufacturers on a pedestal. This is followed shortly by the Idea Book, where we focus on spectacular metal roof projects. One issue celebrates excellence in manufacturing and one excellence for delivering the roof to the customer.



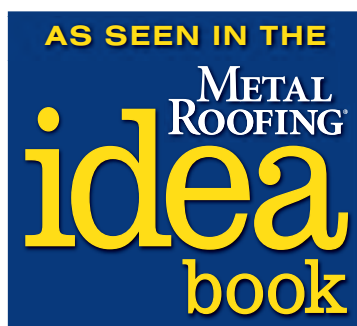
*The Metal of Honor badge indicates excellence in manufacturing, and the Idea Book badge signifies excellence in metal roofing.*

Manufacturers become successful by listening to the roofers' wants and helping them be better. Roofers become better by partnering with manufacturers and listening to the desires of the property owner.

The key to excelling in anything is communication, cooperation and making the effort to improve.

Celebrate excellence in others. Strive for excellence in what you do and refuse to settle for mediocrity.

Gary Reichert, Publisher  
[gary@shieldwallmedia.com](mailto:gary@shieldwallmedia.com)



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# CONTENTS

## FEATURES

### 7: Metal of Honor

Companies receive accolades from the industry

### 56: Product Feature

Sealants for metal roofs

### 59: Business Building

Restoration and renovation with metal roof systems

### 65: Flashback: 2005

5-V Crimp Panels

### 74: Construction Survey Insights





## DEPARTMENTS

- 3 Publisher's Note
- 62 News
- 68 Business Connections
- 72 Project of the Month
- 74 Construction Survey Insights



## NEXT ISSUE

**Metal Roofing IDEA Book:  
Outstanding Metal Roofs**

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## INDEX OF ADVERTISERS

Company	Page #
AceClamp.....	34
Acu-Form.....	35, 69
AppliCad Software.....	36
ASC Machine Tools Inc.....	CVR, 37, 69
ASCO USA, Inc.....	CVR, 8, 9, 70
Atlas Building Products.....	38
Aztec Washer Company.....	57, 68
Bradbury Group.....	39
Cold Spring Enterprises.....	71
Direct Metals Inc.....	40, 71
Dripstop™.....	CVR, 10, 11
Dynamic Fastener.....	12, 13
East Coast Fasteners/Plyco.....	61
Englert Inc.....	14, 15
EPDM Coatings.....	41, 69
Everlast Metals.....	42, 68
Formwright.....	16, 17, 68
Golden Rule Fasteners.....	43, 69
Grabber Post Buildings, Inc.....	44
Hixwood.....	45
Kevmar Manufacturing.....	68
Kirsch BP/Sharkskin Roof Underlayments.....	18, 19
LELAND Industries Inc.....	CVR, 46
Levi's Building Components.....	47
Little Harveys.....	68
Malco Tools, Inc.....	CVR, 48
Marion Manufacturing.....	68
Metal Rollforming Systems.....	CVR, 49
MFM Building Products.....	20, 21
Midwest Enterprises (E-Z Gutter Guard).....	22, 23
MWI Components.....	CVR, 50
New Tech Machinery.....	51
Perma-Column LLC.....	69
Petersen I PAC-CLAD.....	24, 25
Pine Hill Trailers.....	70
Planet Saver Industries / GreenPost.....	70
ProVia.....	26, 27
Raytec Manufacturing.....	58
Red Dot Products, LLC.....	69
rFOIL Reflective Insulation.....	3, 68
Roll Fomer.....	28, 29
Roof Hugger.....	55
Roper Whitney.....	28, 29
S-51.....	52
Samco Machinery.....	71
Snap Z.....	53
SpeedLap LLC.....	70
Stan Group dba: Liberty Seamless.....	71
SteelGrip SAMM, Inc.....	69
Storage Xpress Corp.....	69
SWI Machinery.....	CVR, 30, 31
Tennsmith.....	28, 29
Triangle Fastener Corporation.....	CVR, 54
Underlayment Specialties Plus.....	IFC
United Steel Supply.....	CVR, 32, 33, 68

### ROOFING ELEMENTS SPRING

CertainTeed.....	Flip 5
FRSA.....	Flip 2
Levi's Building Components.....	Flip 9

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**Gary Reichert,**  
Publisher, Shield Wall Media

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# WINNERS

**Congratulations to all of the 2025 Metal of Honor winners!**  
**The Metal of Honor awards were created to allow metal roofing installers an opportunity to honor those who help them most by providing quality products and excellent service.**

- ABC Supply Co., Inc.
- AceClamp
- Acu-Form
- American Building Components
- AppliCad Software
- ASC Machine Tools
- ASCO USA, Inc.\*
- Atlas Building Products
- Best Buy Metals\*
- Bradbury Group
- Direct Metals Inc.
- Drexel Metals
- Driptest™
- Dynamic Fastener
- Englert, Inc.
- EPDM Coatings
- Everlast Metals
- Fabral
- Formwright
- Fortify Building Solutions\*
- Frontier Metal\*
- Golden Rule Fasteners
- Graber Post Buildings
- Hixwood
- Kirsch Building Products
- Leland Industries
- Levi's Building Components
- Malco Tools, Inc.
- Maze Nails
- MBCI
- McElroy Metal
- Metal Rollforming Systems
- MFM Building Products
- Mid South Aluminum\*
- Midwest Enterprises\*
- Mill Steel Co.\*
- MWI Components
- New Tech Machinery
- PAC-CLAD | Petersen
- ProVia
- Roper Whitney / Roll Former LLC / Tennsmith
- Roof Hugger
- S-5!
- Sherwin-Williams Coil Coatings
- Snap-Z
- SteelGrip SAMM\*
- SWI Machinery
- Titanium / Owens Corning
- Triangle Fastener Corporation
- True Metal Supply\*
- United Steel Supply

*\* First-time award recipients*

These companies have been selected by the readers of *Metal Roofing Magazine* as a top supplier in the industry. You, the readers, nominated who you believe has the most:

• **Quality Products** • **Excellent Service** • **Dependable Delivery**

***More votes were cast than ever before. The top percent of vote recipients—51 in all—make up the 21st class of honorees.***  
***Congratulations to all of the 2025 winners!***

2025 METAL OF HONOR WINNER

# ASCO USA, Inc.

METAL OF HONOR AWARDS: 1 ■ WEBSITE: [www.asco-machines.com](http://www.asco-machines.com) ■ PHONE: 217-955-ASCO

ASCO USA is excited to step into a year that's full of new opportunities and promise! With everything that's happening, it's clear that we're entering a period of significant growth. ASCO USA is committed to developing new machines for your business to achieve new heights of production and quality.

Our company is built on a foundation of integrity and a strong commitment to service. We strive to create a positive impact on those we interact with, hoping that our efforts will influence their communities and, ultimately, the world. Our leadership promotes a culture of innovation and a level of service that exceeds expectations. We are committed to delivering innovative and efficient solutions tailored to your business needs.

ASCO USA is the premier provider of ASCO machinery and dedicated long-term service across North America. We understand your need for innovative and efficient solutions in metal fabrication.

Quality trim is essential to your operation, and as the market picks up, now is the perfect time to ensure your equipment is the best it can be. If you're planning to expand and take on more business, investing now is the key. This is a great opportunity to maximize production and minimize downtime. ASCO USA will make offers on any existing machines you may have currently to make this investment into your company more feasible.

## ASCO USA Mission

We aim to conduct business in a way that positively influences our people, our partners, our communities, and the broader world.

We would love to discuss what you need to keep up with the upcoming growth and industry demands. We're here to serve you. **MOH**





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# Dripstop™

METAL OF HONOR AWARDS: 5 ■ WEBSITE: [www.dripstop.com](http://www.dripstop.com) ■ PHONE: 937-660-6646

As a builder or building owner, you may have received a call that began with: **“It’s raining inside my building!”**

It’s probably condensation. Once the building is up, the remedies are fewer, less effective, and more expensive. *The key is to install panels with a condensation control membrane like Dripstop™ during construction.*

The reason you might not think about condensation until it is too late is... *You can’t see, touch, or feel it, until it’s already a problem.* Understanding what causes condensation and the solu-

tions can be confusing. However, builders who educate their customers about condensation before starting the job can avoid angry phone calls and problems after the build.

It is a simple scientific fact that just as a glass of ice water sweats on a hot day, bare metal roofing sweats under similar conditions. When warm, wet air meets a cold surface, con-

densation forms water droplets. In most parts of the country, dripping is almost unavoidable due to seasonal climate changes. There are two different ways builders have typically combatted moisture inside metal buildings. Historically, a layer of insulation has been used to minimize the change in temperature—this helps stop humidity from forming water droplets. More recently, builders have found a new, more efficient way to “control” condensation using a felt membrane to “catch” the moisture as it forms overnight, then “release it” as the sun and air move across the metal roofing panels during the day. Dripstop™ is the world’s most trusted and used condensation control membrane.



When insulation is installed to specifications, it can be an effective solution. A condensation control membrane like Dripstop™ offers numerous advantages for both the builders and building owners. As the building is erected, Dripstop™ arrives already installed on the metal panels. Therefore, there is no time spent installing insulation. This increases job site safety for the builder by eliminating blind steps to purlins covered with insulation. It also saves labor typically spent tacking that insulation down and taping the seams. Since no insulation is being used, windy days become much less of a challenge.

Our membrane will not require cleaning or maintenance. Birds will not peck holes in it and it will not sag or fall off. Dripstop™ is virtually worry-free.

Most condensation control membranes like Dripstop™ offer noise reduction to cut down on both impact noise and echoes from inside the building.

Dripstop™’s specially designed adhesive barrier also helps protect the steel from corrosion. Dripstop™ on a properly installed and vented metal roof will perform exceptionally 20-plus years down the road!

## Ventilation

There are many potential sources of moisture in a metal building:

- Fill dirt/gravel
- Concrete
- Livestock
- Poor drainage
- High ground water table
- Use of heaters, propane, kerosene, etc.
- Snow melt from vehicles, or moisture from washing vehicles
- Washing down floor areas
- Storage of firewood, green lumber, or fresh-cut timber
- Hay storage or other farm commodities

Whatever condensation control option you choose, ensure proper ventilation.

We want to thank our partners and customers for their continued trust and service. Dripstop™ has served our customers for over 25 years and we look forward to serving for another 25.

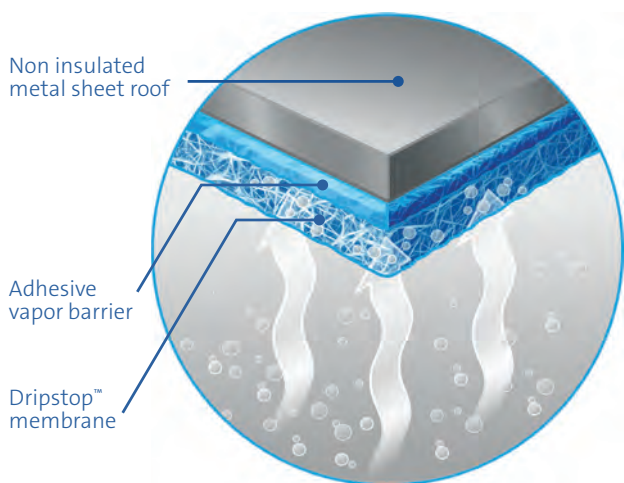
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# DRIPSTOP™

## STOP THE DRIPPING FROM CONDENSATION

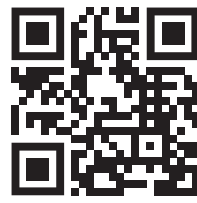
Tired of Customers complaining about a dripping roof?  
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Scan the code for more  
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# Dynamic Fastener

METAL OF HONOR AWARDS: 16 ■ WEBSITE: [www.dynamicfastener.com](http://www.dynamicfastener.com) ■ PHONE: 800-821-5448

**What is the definition of long life?** The answer would vary greatly depending upon the subject. For instance, the life expectancy of an African elephant on the Serengeti would be substantially different than that of a mosquito on your forearm.

Unfortunately for the metal roofer, the same nebulous and misleading signals are sent when some of Dynamic Fastener's competitors claim their fasteners have a long life coating. Once again, "long life" is just a relative phrase.

To eliminate unnecessary concerns on behalf of its valued customers, Dynamic Fastener quantifies the meaning of "long life." Since Dyna-Coat premium coating passes the 1,000-hour salt spray test, the company proudly proclaims "1,000 Hour" right next to the word Dyna-Coat. Rarely, if ever, does Dynamic Fastener see its competitors touting the tests that their screws pass. That is a suspicious omission.

To paraphrase the famous commercial, "What's on your fastener?" Removing the uncertainty on this very important topic is easy. Specify Dyna-Coat 1,000-hour salt spray premium coating on all screw requirements.

Dyna-Coat is a premium organic polymer coating designed to provide corrosion resistance for metal fasteners. Fasteners coated with Dyna-Coat exhibit excellent resistance to marring, chipping, and abrasion. The color of the coated fastener is metallic silver. Dyna-Coat employs several forms of corrosion resistance, such as replacement, inhibition, envelopment, and electrochemistry. These coated fasteners also have a strong resistance against acid and alkaline chemicals.

## Service

Dynamic Fastener is proud to have been chosen to receive the 2025 Metal of Honor Award by the readers of *Metal Roofing Magazine*. That devotion from readers is not an accident.

The company's success rests on its dedication to service, evident in the following areas:

- Standard orders received by 4 p.m. CST will ship that day more than 99% of the time.
- Dynamic Fastener's buying power enables it to competitively and successfully sell nationwide. The company has more than 45,000 customers representing all 50 states and 15 foreign countries.
- Our E-commerce site has full online ordering capabilities allowing for 24-hour access.

## Catalog

Dynamic Fastener's free 140-page full-color Tool and Fastener Hand Guide (shown at right) covers fastener

applications, engineering data, availability of types, size ranges, and fastener materials.

The Hand Guide also features Dynamic Fastener's flagship products: D•F® screws, Dyna-Guard® snow retention system for metal roofs, Dyna-Clamps® to accommodate many different profiles of standing seam roofs, and 100 million D•F® rivets in stock, of which over 70 million are prepainted and stocked in bags of 250 pieces.

In addition to discussing screws and anchors, the Guide provides prices and other information relating to flashings, sealants, insulation tapes, safety equipment, hand tools, power tools, and more.

"There are eight Dynamic Fastener locations: Kansas City, Missouri (Main wrhs); Kansas City, Missouri (Annex wrhs); Chicago, Illinois; Houston, Texas; Las Vegas, Nevada; Memphis, Tennessee; St. Louis, Missouri; and St. Paul, Minnesota. **MOH**

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PG. 88-89



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PG. 92-93



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PG. 94-95



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PG. 96-97



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PG. 98



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PG. 99-100



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PG. 101-102

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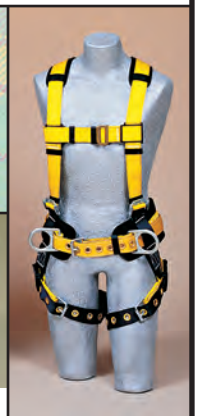
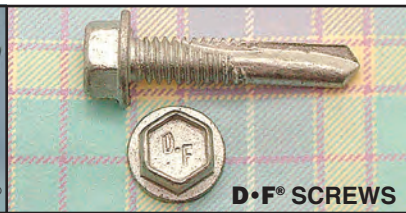
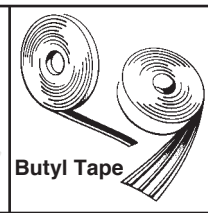
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# Englert, Inc.

**METAL OF HONOR AWARDS: 18** ■ **WEBSITE:** [www.englertinc.com](http://www.englertinc.com) ■ **PHONE:** 800-364-5378

Englert was founded in 1966 by Herb Englert when he saw the opportunity to open his own gutter business. He lacked the capital to start, but a successful investor believed in the business and gave him the money. Englert pioneered the concept of a “total system,” selling not just gutter materials, equipment, and accessories but also support materials, including color cards, literature, and machine maintenance. Herb’s success enabled him to repay his investor, but he was refused. “Pay it forward,” he was told. “Help others become successful businessmen; we’ll all be better for that.” Herb built his business on the foundation of helping other businesses grow, and Englert continues that tradition today.

Englert is poised for even more significant growth and expansion as part of Great Day Improvements. The recent acquisition provides a strong platform for us to build on Herb’s legacy while leveraging Great Day Improvements’ resources and expertise. This partnership strengthens our ability to innovate, expand our offerings, and provide better customer support. With their backing, we are well-positioned to enhance our product lines, improve service capabilities, and ensure that our customers continue to receive the best in the industry.

Our roofing and gutter machines and the technicians and support included with every purchase are a big part of that. We offer a wide array of gutter machines, seamers, and fixed- and multi-panel roofing machines to meet the needs of every roofer. We recently introduced the RainPro gutter system. It’s a large-capacity gutter that looks like a 5” gutter but performs like a 6”. Response from customers has been good, and they’re looking forward to purchasing the machine and growing their business.

From the time a new machine is received at our warehouse in New Jersey, our technicians go over every inch of it



to make sure it’s in perfect condition for our customers. First, the machine is fitted with the dies for the requested profile. Then, it’s calibrated, lubricated, and tested before it’s shipped to the customer. We also ensure our customers are properly trained in machine operation, maintenance, and safety so the machines can perform at their best.

Our machines are designed for experts, so we offer a total support package, including a mobile service force, machine training, marketing support, and warranties. And our techs aren’t just there at the beginning of a machine’s life. We’re there to help our customers service their machines if necessary. Usually, customers

bring their machines to us, but our technicians can also travel to them if necessary. We always stock Englert parts, so it can be fixed immediately if you bought a machine from us. But if you’re a customer, we’ll even fix machines you didn’t buy from us. It’s all part of our mission to give our customers the tools they need to succeed.

With Great Day Improvements supporting Englert’s continued growth, we are more committed than ever to providing high-quality products, exceptional service, and innovative solutions to help our customers succeed. The future is bright, and we’re excited to continue building on our legacy of excellence. **MOH**



# Let Englert help you build your business.

Englert was built on the core principle of giving our customers the tools they need to succeed.

Contact us to find out how we can help you.



Englert is recognized as a global leader in metal roofing and gutter systems. We pride ourselves on our commitment to product quality and customer service. Our team stands behind you every step of the way to make sure you can build your business into the best it can be. When you succeed, we succeed.

1-800-ENGLERT  
[info@englertinc.com](mailto:info@englertinc.com)

 **ENGLERT®**  
[www.englertinc.com](http://www.englertinc.com)



Englert is part of the Great Day Improvements family of brands.



# Formwright

METAL OF HONOR AWARDS: 2 ■ PHONE: 260-463-4010 ■ FAX: 260-463-4011

If you're in the metal roofing industry—or considering starting your own business—looking for high-quality rollforming machinery can feel overwhelming. Finding equipment that's guaranteed to last, plus providing industry-leading results is the goal, right? But where do you look for that ideal?

Founded out of 10+ years of experience in metal roofing, Formwright began in 2019 with a singular idea – to provide a solution that combines high-quality rollforming machines and enclosed trailers tailored to each customer's needs.

## Industry-Leading Machinery

Not all rollforming machinery is created equal. That's why Formwright only supplies industry-leading rollforming machinery built by New Tech Machinery (NTM). Versatility, durability, and easy maintenance are just a few qualities of NTM. Whether you're a beginner or a pro, NTM rollforming machines are straightforward to use with the "easiest tooling to change out," according to Formwright salesman Levi Stoltzfus.

With countless configurations for



roofing panels and long-lasting results, you can't go wrong when you choose New Tech Machinery enclosed in a custom Formwright trailer.

## Customized Enclosed Trailers

When Formwright began, there was a demand for high-quality rollforming machinery but a lack of proper trailers to transport this high-dollar equipment. Instead of settling for transporting machinery through the rain, snow, and dust that the Midwest climate brings, Formwright co-owner Larry Schlabach used his existing trailer designs that he was using in his metal roofing install business, which was originally designed by Matt Burkholder in Nappanee, Indiana, to bring an enclosed trailer designed specifically for NTM machines to the market.

The best part about these enclosed trailers? Constant protection for the machinery inside plus limitless customization. In Levi's words, "We have a standard trailer model—18' box trailer with machine and control panel that's easy to use...[but] very rarely are there two trailers the same." Custom options include a pegboard and bin system for organization and a 3-coil rack that mounts above the rollforming machine. Formwright trailers are also designed to reduce the hassle of moving equipment in and out—with or without a forklift.

Whether you're looking for a basic trailer model, or something suited specifically for your line of metal roofing, Formwright has the equipment, trailer,

and accessories for you.

## The Roll Forming Solution

Six years later, the solution remains the same – fully outfitted custom trailers for metal roofing customers across the country. With demand for metal roofing at an all-time high, Formwright takes the pressure off finding the best equipment by supplying an all-in-one solution.

Founded by metal roofing experts, Formwright understands what makes the difference in rollforming machinery.



Instead of wasting hours searching for solutions, let Formwright answer those stressful metal roofing questions for you—plus get you fully outfitted with rollforming equipment and a custom trailer.

Additionally, talking to Formwright means you're working with experts who understand the highs and lows of the metal roofing industry. Don't settle for low-quality machinery and poor communication. They understand that you want your business to leave a legacy and can help you every step of the way. From general questions to maintenance, Formwright offers follow-up service as long as you're a customer.

## Start the Conversation with Formwright

Still questioning if Formwright is the best option for you? Instead of guessing which step to take next, give them a call at (260) 463-4010 to talk to one of their metal roofing experts—and take the stress out of finding industry-leading options. **MOH**



# Expand your business with rollforming machine ownership.

## INCREASE YOUR CAPABILITIES

- The standing seam roofing market has grown 50% since 2020.
- Capitalize on a growing market.
- Recoup your investment in 2-5 years.
- Lean on our real-world installer experience as you grow.



Outfit for Growth

**CALL 260.463.4010**

SIGN-UP FOR OUR NEWSLETTER



**Formwright**

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260.463.4010

FAX

260.463.4011

ADDRESS

1195 S 250 W • LaGrange, IN 46761

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**MACHINE SERVICING**



**RESERVE YOUR ROLLFORMING MACHINE TODAY**

Beat the Manufacturer's Lead Time • Limited Spring & Summer Deliveries Available

# Kirsch BP/Sharkskin Roof Underlayments

METAL OF HONOR AWARDS: 4 ■ WEBSITE: [www.sharkskinroof.com](http://www.sharkskinroof.com) ■ PHONE: 877-742-7507

## Project: St. Peters Cathedral, Erie, PA

**Scope of works:** Slate Re-Roof, Standing Seam Copper Roof, and Gutters Replacement

**Contractor:** A.W. Farrell & Son, Inc. Erie, Pennsylvania

**Copper Roof and Gutters:** Armor Fab, LLC, Erie, Pennsylvania. 30-SQ of Copper Roofing. 750' feet of gutter

**Project Manager:** Randy Pace

**Assistant Project Manager:** Tony Lazarony

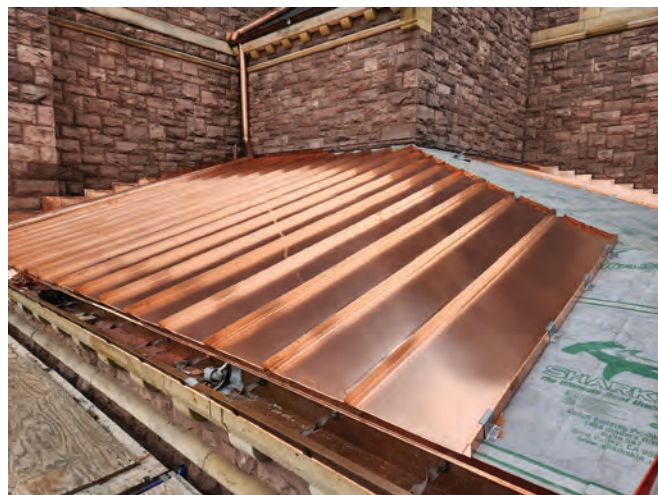
**Slate Foremen:** Sean Irwin and Gary Fish, and Journeyman Paul Gibbs from Roofer's Local 210. 230-SQ of Slate

**Copper Work Foremen:** Kody Pace and Chris Hogue from Sheetmetal Local 12

In 1873 ground was broken to begin the building of the St. Peters Cathedral in Erie, Pennsylvania. A slate roof was installed on the steep pitches, along with a standing seam copper roof at lower pitches, and copper gutters set-into the stone perimeter of the roof.

Prior to the re-roof \$2 million in "gold leaf" was applied to the walls and ceilings inside the church. This meant the winter prior to the new roof installation the existing roof had to be protected. The re-roof began in the Spring of 2023, with the 150-year-old slate being removed first, as Sharkskin Ultra SA® was installed to protect the Cathedral.

Sharkskin Ultra SA® was chosen for the re-roof of the St.



Peters Cathedral, in Erie, Pennsylvania, for its long term 50-year warranty and High-Temp rating under the new Greenstone Slate roof and Standing Seam Copper Roof. In addition, the Cathedral is approximately a little more than a mile from Lake Erie. Lake Erie is known for its strong "lake breeze" winds. The men from A.W. Farrell & Son, Inc., have experience with Sharkskin Ultra SA® and know once installed properly, it's not going to blow off.

In addition, the walking surface of the Sharkskin Ultra SA® provided the men setting the roof scaffolding, and roof jacks with a safe walking surface. The scaffolding set directly on top of the Sharkskin Ultra SA® was leak-free during the roof installation. Sharkskin Ultra SA provided leak-free protection on the entire project from start to finish, as well as providing 12-Month UV Protection.

With the top of the Cathedral steeple at 300' and the distance to the top of the gutters at 80'-100', it was important that the project ran smoothly. Every pallet of slate had to be "ring tested," which means a hammer is used to test the slate, to make



## 2025 METAL OF HONOR WINNER



sure there are no cracks. The slate will ping in just the right way to confirm, soundness. In addition, slate was pulled from three separate pallets onto one, to maintain even color dispersion across the roof plane, to eliminate blotches of lighter and darker slates.

The standing seam copper roof panels and copper gutters were fabricated locally by Armor Fab, LLC, owned by Robert Pace. The copper gutters were made in 20' lengths and craned up to the roof. The on-site crane was invaluable for the installation of both the Copper Sheetmetal work and slate roof installation.

Another beautiful roof installation from the men at A.W. Farrell & Son, Inc. **MOH**





# MFM Building Products

METAL OF HONOR AWARDS: 11 ■ WEBSITE: [www.mfmbp.com](http://www.mfmbp.com) ■ PHONE: 800-882-7663



*Peel & Seal® is the original, self-adhering low-slope roofing membrane designed that can be left exposed to the elements indefinitely. Ideal for repairing or sealing seams on metal roofing systems for a watertight seal.*

## Committed to the Roofing Industry

MFM remains committed to the roofing industry as we head into 2025. After our major expansion project in 2022, we have since added additional production equipment to keep our customers stocked with high quality, cost-effective waterproofing products.

At MFM, we specialize in only self-adhered waterproofing membranes. We do not do synthetics, torch down or built-up roofing systems. By specializing in one area, we've honed our craft to give our customers peace of mind, reduce call backs, and the ability to sell at a competitive price.

## Look to MFM for:

- Granulated ice & water underlayments
- High-temperature underlayments
- Tile and metal underlayments
- Shingle starter membranes
- Low-slope roofing membranes
- Specialty roofing and construction tapes
- And so much more!

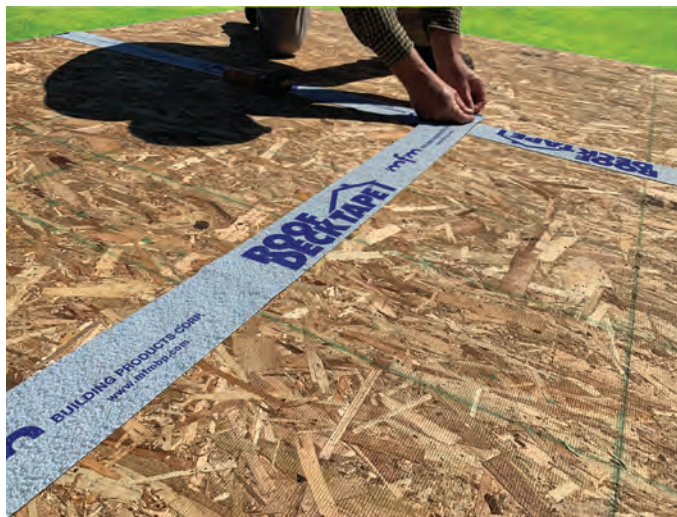


*MFM offers a number of high-temperature rated steep-slope roofing underlayments that are rated to 250°F to take the heat of metal roofing systems.*

## Fortified™ Performance

MFM is proud that most of our underlayments conform with the Fortified™ Building Program which is growing across the United States. Being Fortified

means that the products we manufacture have to be third-party tested to help against storm damage to potentially give homeowners reduced insurance rates and other incentives.



*MFM Roof Deck Tape™ is designed to effectively seal the seams on plywood and OSB roofing panels. Cover with any of MFM's underlayment products for complete waterproofing protection! Watch the video on our website.*

## Employee-Owned

MFM is an Employee-Owned ESOP company and takes great pride in the quality of our work. Our products are manufactured in the United States and come with a rock-solid warranty to back it up. It's the way we've been doing business since 1961.

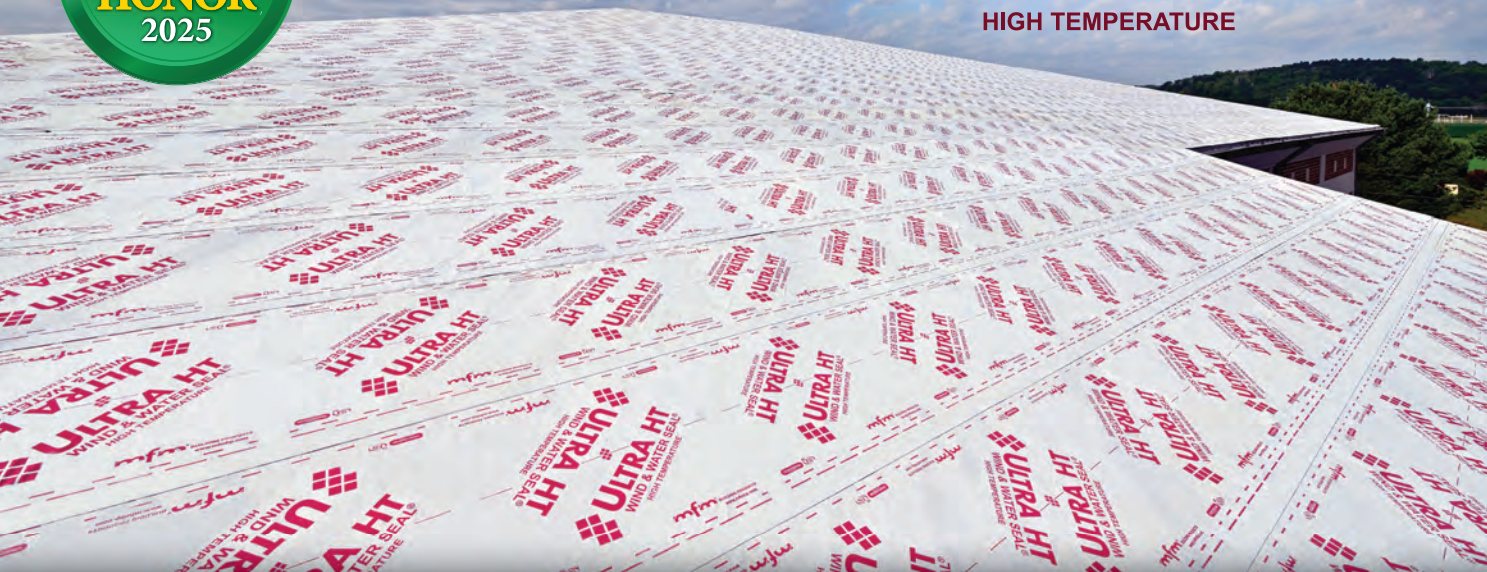
## Need a Sample?

Check us out at [www.mfmbp.com](http://www.mfmbp.com) or email [info@mfmbp.com](mailto:info@mfmbp.com) to learn more about our products or to request a FREE sample to see the quality for yourself. **MOH**



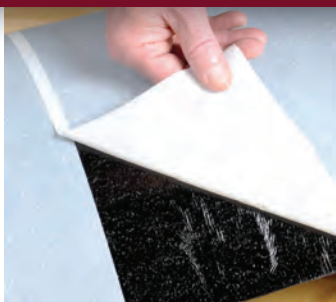


 **ULTRA HT**  
WIND & WATER SEAL®  
HIGH TEMPERATURE



# Self-adhering. High-temp. Go ahead and turn up the heat.

Ultra HT delivers premium performance you can count on job after job.



## Maximum protection against extreme heat, wind-driven rain and ice dams.

Ultra HT Wind & Water Seal® is engineered to roll out smooth, lay flat and protect your project from the harshest environments. Suitable for both commercial and residential projects, count on Ultra HT for complete piece of mind on your next project!



### Ultra HT Wind & Water Seal® Features:

- Durable cross-laminated, cool white, non-slip surface
- Self-adhering and self-sealing around fasteners
- High temperature rated to 250°F
- Suitable for vertical applications under metal wall panels

 **BUILDING PRODUCTS CORP.**

Request a free sample at [mfmbp.com](http://mfmbp.com) or call 800.882.7663.





# Midwest Enterprises, Inc.

METAL OF HONOR AWARDS: 1 ■ WEBSITE: [www.e-zgutter.com](http://www.e-zgutter.com) ■ PHONE: 800-748-7736



With a combined 250 years forming and hanging gutters throughout the Midwestern United States, the Ealer family of St. Clair, Missouri, and its business, Midwest Enterprises, set out over 42 years ago to design a gutter protection solution that actually works.

With over 25 profiles and dozens of patents, EZ Gutter Guard has steadfastly become a leader throughout North America with a very direct mission: create high quality, easy-to-install, no call-back products that help protect homes from damaging water infiltration and fire risk. And, we back all of that up with the best customer service and strongest warranty in the industry.

“We have spent hundreds, if not thousands of hours painstakingly perfecting the designs of our gutter protection solutions,” says Perry Ealer, President of Midwest Enterprises. “We know gutters and we know installers, and we know what works and what doesn’t. That’s what sets E-Z Gutter Guard apart from the rest.”

One key to E-Z’s product development success has been a clear understanding that not all gutter protection products are one-size-fits-all. For instance, areas where pine needles are prevalent necessitate gutter protection that prevents that fine debris from getting into the gutter. For example, E-Z Leaf Eliminator features a tightly woven corrosion-resistant mesh, and a patent-pending water separator and debris lifter, that forces rainwater from the roof through the screen, into the gutter.

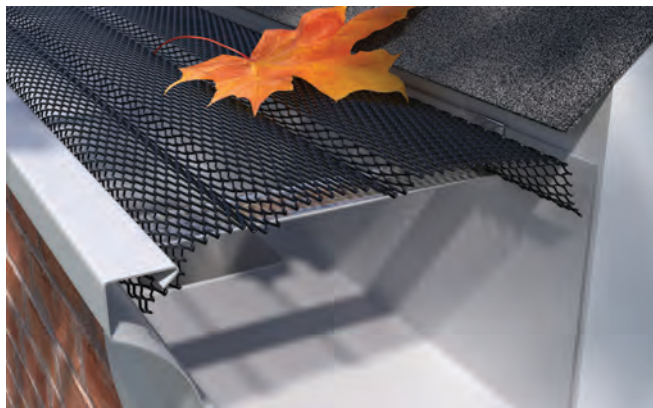
E-Z Smooth Flow is one of our more popular gutter protection products, specifically designed for heavy debris and water loads. Smooth Flow features thousands of holes from the front lock to the rear vertical wall, which allow large amounts of water to pass through quickly, while the canals make it easy for airflow to dry the leaves and blow them away.

For coastal areas, E-Z-Micro Mesh is a powder-coated aluminum screen that is great for extreme environments where corrosion can be a problem and heavy water and debris loads are common.

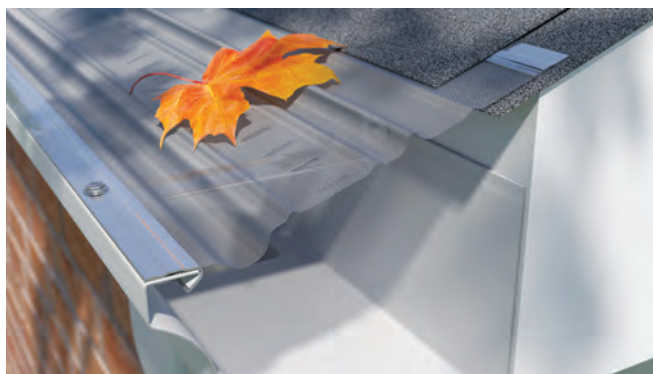
It doesn’t stop there. Through advanced design, Midwest Enterprises remains at the cutting edge of innovation and performance, committed to looking for new and better ways to protect homes and families for generations to come. Learn more at [www.e-zgutter.com](http://www.e-zgutter.com). **MOH**



*E-Z Smooth Flow is specifically designed for heavy debris and water loads.*



*E-Z Micro-Mesh is great for extreme environments.*



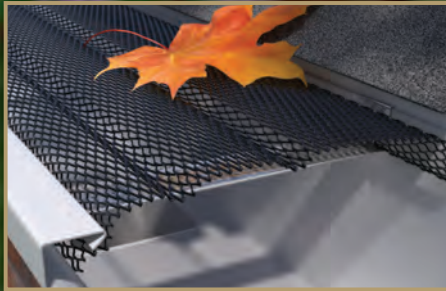
*E-Z Leaf Eliminator features a patent-pending water separator and debris lifter.*



# No Matter Your Debris Load. We Have a Gutter Guard for That.



**E-Z SMOOTH FLOW®**



**E-Z MICRO MESH®**



**E-Z LEAF ELIMINATOR®**

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**Powerfully built in North America by Midwest Enterprises**



# PAC-CLAD | Petersen

METAL OF HONOR AWARDS: 20 ■ WEBSITE: PAC-CLAD.com ■ PHONE: 800-PAC-CLAD

## Modern Farmhouse Style Offers Indiana Visitors Warm Welcome

Interstate highway rest stops can be godsend during long-distance road trips, and they also offer states a chance to burnish their reputations with out-of-state travelers. This is why Indiana has begun a 10-year, \$600 million effort to bring 21 of its interstate rest areas and welcome centers up to date.

The Pigeon Creek Welcome Center on I-69 in Steuben County was the first to be completed, and its design pays homage to the area's agricultural roots. Contributing to the barnlike structure's rural stylings is a standing-seam metal roof that's also sure to provide decades of service for the roadway's drivers.

The new facilities are being planned to reflect the culture and activities of their surrounding regions. Steuben County, located in northeast Indiana, is largely rural and known for its outdoor recreation opportunities — one of its nicknames is, “the land of 101 lakes” — which include the 1,260-acre Pokagon State

Park.

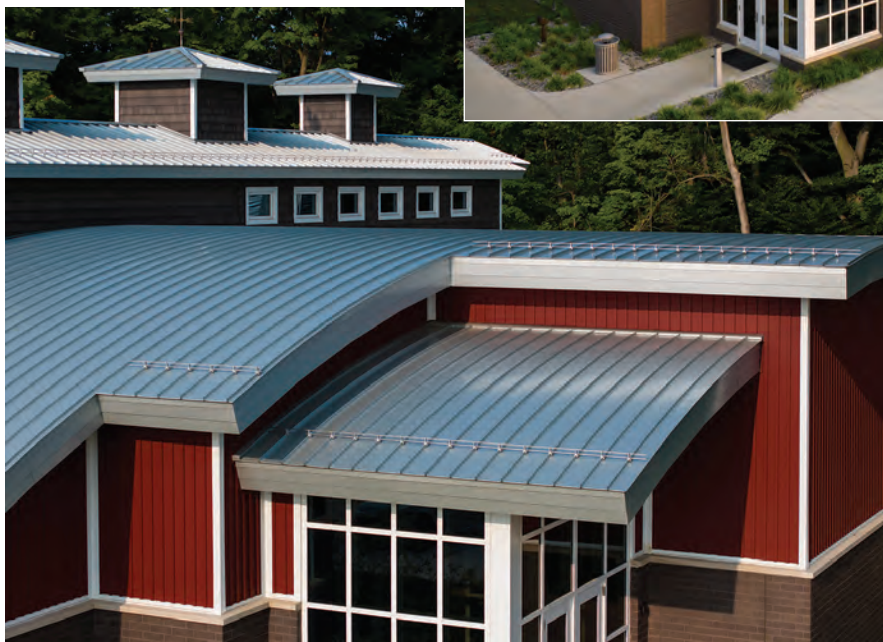
The design team, which included Evansville, Ind.-based Fosse & Associates Architects and the Indianapolis office of DLZ drew on agricultural and outdoor themes in developing their plans. The exterior grounds even include a small silo, boldly emblazoned with an “Indiana Welcomes You” sign.

The main body of the standing seam metal roof features a curve, with a toping clerestory structure that incorporates a more traditional gable-style roof. The combination creates a contemporary “modern farmhouse” appearance. The

design team, along with installers from Milford, Ind.-based Millwood Roofing & Construction, turned to Petersen to supply the PAC-CLAD roofing panels.

Approximately 12,000 sq. ft. of the company's Tite-Loc panels, fabricated from 22-gauge steel and finished in Classic Silver, were used in the project. An additional 2,500 sq. ft. of Petersen's Flush panels in Bone White were used for the building's fascia.

For more information on Petersen and PAC-CLAD products, please visit [www.PAC-CLAD.com](http://www.PAC-CLAD.com). **MOH**





# Whimsical Roofline



**Vibrant Dynamic Blue Snap-Clad metal panels** brighten the playful roof shapes and walls of two interior courtyards, invigorating this mixed-use building that houses a Chicago Public Library, childcare center and community meeting space.

Altgeld Family Resource Center, Chicago    Installing contractor: Progressive Dynamics    Architect: KOO LLC  
Owner: Chicago Housing Authority    Photo: hortonphotoinc.com

**Snap-Clad**  
Metal Roof and Wall System  
Custom Dynamic Blue



View the  
case study  
and video





# ProVia®

METAL OF HONOR AWARDS: 4 ■ WEBSITE: [www.provia.com](http://www.provia.com) ■ PHONE: 800-669-4711 ■ FAX: 877-735-2057

ProVia® metal roofing is a smart choice for dealers, builders, roofing contractors, and installers, and for their customers as well. Homeowners love its beauty, durability, and long-term value, and building pros appreciate its strength, installation integrity, and return on investment.

## Eight Advantages of the ProVia Metal Roofing System:

- It's a premium metal roofing product, manufactured with 26-gauge G-90 galvanized steel—up to 30% more than the industry average, but 67% lighter than asphalt shingles

- The 4-way locking system and built-in screw flange on the Shake and Slate profiles provide superior edge-to-edge protection against wind uplift, wind-driven rain and snow; the Barrel Tile profile uses two anchor points for a secure and fixed installation

- The Shake and Slate profiles are certified to withstand wind speeds up to 180 mph and are approved for High Velocity Hurricane Zones (HVHZ) within Florida, including Broward and Miami-Dade counties; Barrel Tile is HVHZ certified when installed with additional fasteners

- The system is third-party tested and certified for tensile strength and resistance to wind, rain, impacts, and corrosion

- The system was developed with the installer in mind and reduces jobsite labor—the preformed starter panels are ready to install right out of the box, and the trim/accessory package is custom engineered for ease of use

- The embossed panels provide the authentic look of cedar shake, quarried slate, and Spanish barrel tile, offering great curb appeal that homeowners love

- The GalvaTec™ finish reflects UV rays, resists extreme temperatures, and protects against fading and corrosion

- The system has a limited lifetime non-prorated transferable warranty and a 50+ year lifespan

Roofing makes up about 60% of the exterior appearance of a home—a substantial portion of the curb appeal. ProVia's distinctive residential metal roofing styles preserve the classic characteristics of traditional shake, slate, and tile roofing materials. The embossed and variegated

panels are available in a variety of handsome colors and styles, and the systems pair well with any architectural style.

## Partner with ProVia

ProVia is a nationally known manufacturer of professional-class entry door systems, vinyl replacement windows, vinyl siding, manufactured stone, and metal roofing. ProVia stands for “The Professional Way,” and that means we hold ourselves to a higher standard of integrity, accountability, and quality. Customers count on ProVia for premium quality products, manufactured using progressive technologies combined with old world craftsmanship. Professionals and homeowners trust in the durability, energy efficiency, security, and long-lasting beauty of our products.

ProVia customers also benefit from resources like our Installer Certification Programs, online design and visualizer tools, how-to video library, and prompt, industry-leading customer service and sales support.

Learn more about ProVia metal roofing by visiting [www.provia.com/6reasons](http://www.provia.com/6reasons) or email [metalroofing@provia.com](mailto:metalroofing@provia.com).

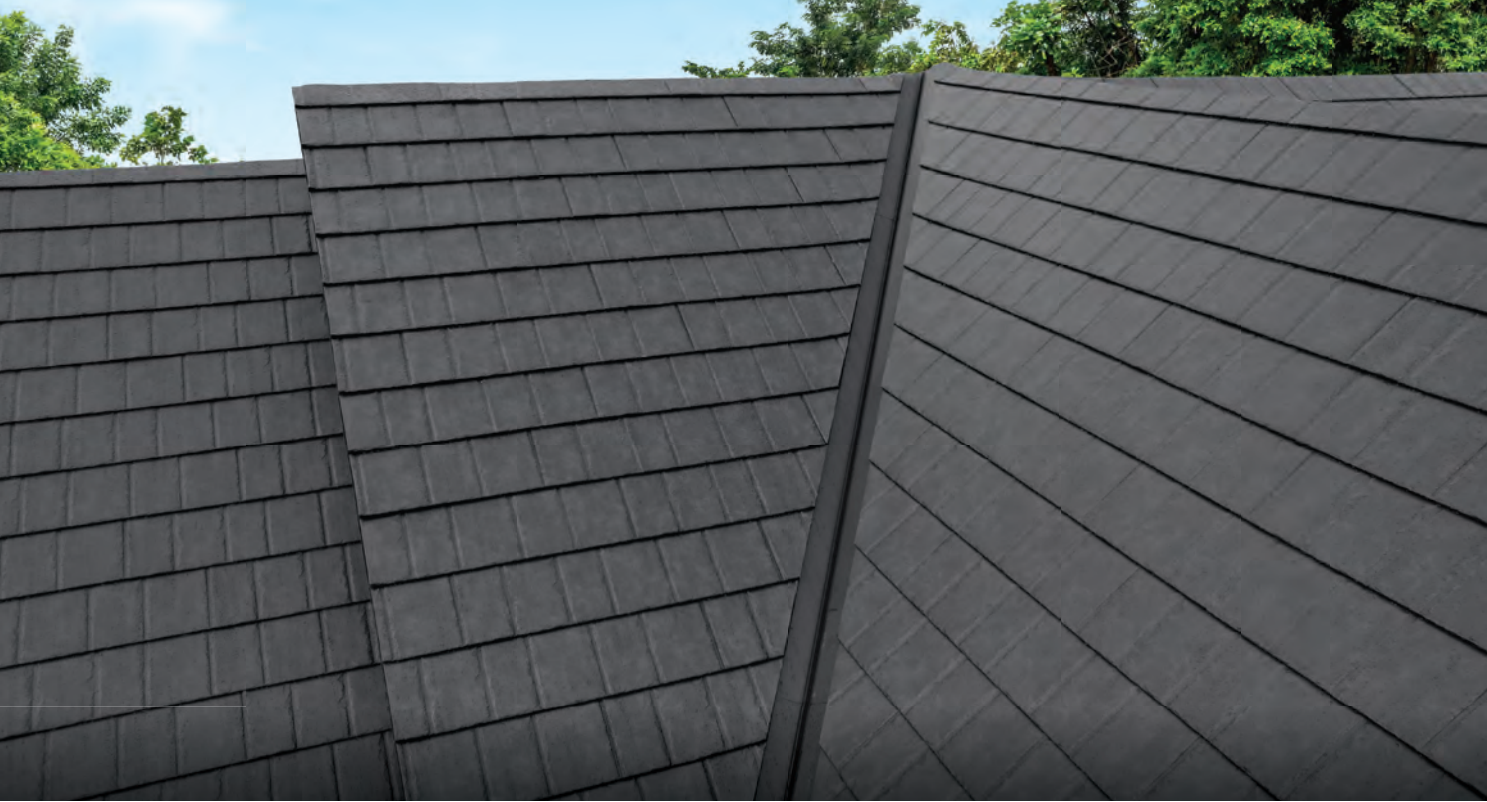
THANK YOU TO METAL ROOFING MAGAZINE FOR OUR 2025 METAL OF HONOR. **MOH**



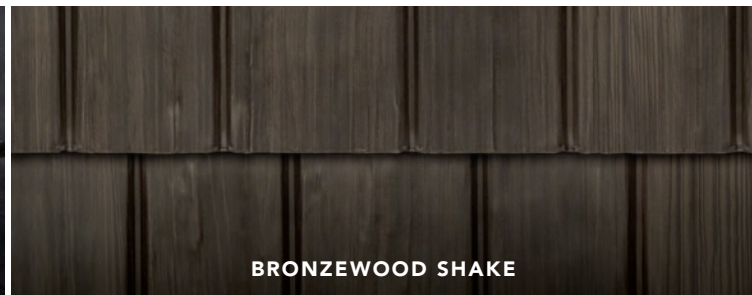


# SUBSTANTIALLY STRONG ROOFING

Striking, Sophisticated Shades.



COALSTONE SLATE



BRONZEWOOD SHAKE

**Introducing Coalstone Slate and Bronzewood Shake**, bold new metal roofing colors from ProVia. Coalstone is an intense charcoal gray, and Bronzewood is a deep, brindled brown – both shades offering dramatic ambience to any exterior color scheme, and the crowning touch to a stylish aesthetic. ProVia combines the strength and durability of 26-gauge steel with the contemporary curb appeal of deep, dark shades to deliver the long-lasting metal roofing your customers want.

***It's the right thing to do.***



DOORS | WINDOWS  
SIDING | STONE | ROOFING

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about our metal  
roof systems



# Roper Whitney, Tennsmith & Roll Former

## Your One-Stop Shop for American-Made Sheet Metal Machinery

Roper Whitney, Tennsmith, and Roll Former are on a mission to be your ultimate one-stop shop for all things sheet metal fabrication—from CNC folders and hand brakes to roll formers and beyond!

### Tennsmith

Founded in 1928 as Smith Machine Tool Company, **Tennsmith** has grown into a global leader in sheet metal fabrication tools. Our extensive lineup includes Automatic Folders, Hand Brakes, Shears, Slip Rolls, Cleat Benders, Notchers, Rotary Machines, and more. Known for precision, durability, and innovation, Tennsmith continues to set the standard in the industry.

### Roper Whitney

Celebrating 115 years of American manufacturing, Roper Whitney has been shaping metal—and the future—since 1910! It all started with Whitney Metal Tool's trusted hand tools for fabricators, like the iconic PEXTO No. 5 Jr. Today, we've expanded our offerings to include Up/Down Folders, Long Folders, Shears, Coil Processing Equipment, and much more. We're proud of our legacy and even more excited about what's ahead!

### Roll Former

Since 1978, Roll Former has been a pioneering force in the construction metal forming industry. Our high-quality roll forming equipment is **built for greater efficiency, higher profits, and more productivity**. From Roof Panel Machines and Power Seamers to Coil Processing Machines and Coil Cradles, we provide the best solutions for the industry. Plus, we're one of the only companies offering **affordable custom-built equipment** to meet your unique needs.

### Three Trusted Brands, One Unmatched Lineup

Together, **Tennsmith, Roper Whitney, and Roll Former** offer the most **complete line of American-made sheet metal machinery available today**. Whether you need precision tools, advanced fabrication equipment, or custom solutions, we've got you covered.

Let's build the future of metal fabrication—together! **MOH**



**TENNSMITH** 

METAL OF HONOR AWARDS: 2

[www.tennsmith.com](http://www.tennsmith.com) ■ 931-934-2211

**ROPER**  **WHITNEY**

METAL OF HONOR AWARDS: 2

[www.roperwhitney.com](http://www.roperwhitney.com) ■ 815-962-3011

**ROLL**  **FORMER**

METAL OF HONOR AWARDS: 3

[www.rollformerllc.com](http://www.rollformerllc.com) ■ 215-997-2511



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BENDING MACHINE

FOLDING MACHINE  
OF THE FUTURE

AVAILABLE AT  
**ROPER WHITNEY**



## Models -

All 14 gauge steel max

**D300** » Folding Length: 10.5'

**D400** » Folding Length: 15.5'

**D600** » Folding Length: 21'

**D800** » Folding Length: 26.4'



### Unmatched bending freedom

300° bending freedom standing seam parts up to 180° without manual intervention



### 5X less energy consumption

Save on your electricity bill! Significantly reduced electricity costs due to being



### Safe bending

No swiveling out of the bending beam and innovative security fences



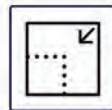
### Minimal maintenance

Low maintenance costs with less service requirements, Hydraulics free — no need to swap hoses and oil



### Uncompromising innovation

Patented bending technology with unique special functions, reduced noise exposure ensures more comfort and less stress in the production shop




### Efficient space planning

Smaller overall size with the same insertion depth


The Evobend's patented double bending system and unique tooling have been refined in a revolutionary way, offering unmatched bending freedom. Thanks to its innovative design, the Evobend can achieve angles that were previously impossible.


Schedule an in-person demo at Roper Whitney in Rockford, IL, and experience the power of the Evobend Up-Down Folder firsthand.

See how it increases efficiency, and delivers unmatched precision for complex bending applications.

 Book your demo today! Contact us to reserve your spot.

[www.roperswhitney.com](http://www.roperswhitney.com)

 **Roper Whitney**  
2833 Huffman Blvd, Rockford, IL 61103

 Phone: (815) 962-3011

 Email: [sales@roperswhitney.com](mailto:sales@roperswhitney.com)





2025 METAL OF HONOR WINNER

# SWI Machinery

METAL OF HONOR AWARDS: 3 ■ WEBSITE: [www.swimachinery.com](http://www.swimachinery.com) ■ PHONE: 770-766-0880

## An International Innovator in Sheet Metal Machinery

SWI is an international leader in sheet metal machinery, contributing to advancements in the industry year after year with its line of innovative machines. The company's state-of-the-art sheet metal fabrication technology drives its durable Duplex folders, Marxman Manual and Automatic Slitters, Uncoilers, and Recoilers.

SWI firmly believes the industry's future success and growth is based upon five major pillars of production: 1) fast, dependable service, 2) increased efficiency, 3) reduced waste, 4) decreased unnecessary manpower, and 5) improved safety.

Throughout its years of operation, SWI has focused on developing machines that provide decades of dependability and efficiency with minimal maintenance...all while addressing these core production values.

Among these machines is the CX5 Auto Decoiling & Storage System, which features coil loading times of less than 3 minutes and can accommodate a wide variety of sizes. Yet another innovative machine is SWI's Marxman Pro, an advanced sheet metal blanking system that features the added benefit of auto knife setup, auto nesting, and optional part cut and label application capability. SWI recently unveiled its Duplex Side Loader, which exceeds traditional side loader performance by simultaneously loading workpieces while others are already being folded. This effectively streamlines the capability for mass production while curtailing time losses and material waste.


These are just a handful of the machines SWI has to offer to help support the utmost efficiency for sheet metal fabricators. All SWI equipment is designed to be utilized in high-volume applications, but they're just as well-suited for smaller-volume operations. Whether it's a sheet metal business that's large, small, or any size in between, SWI aims to fulfill the needs of every customer regardless of size.

With thousands of machines currently in operation worldwide and growing, SWI continues to solidify its reputation with machines built to uphold the highest industry standards. In the event one of SWI's machines needs maintenance, the company maintains factory-authorized technicians at all four quadrants of the U.S. for prompt service if the need arises.

SWI continues to evolve to meet the needs of an industry that is always evolving itself. Learn more about SWI's machines and how they uphold those aforementioned five pillars of production every manufacturer strives for. Visit [www.swimachinery.com](http://www.swimachinery.com) today for more information. **MOH**







## EVERY ONCE IN A WHILE, A PLAYER COMES ALONG AND CHANGES THE GAME FOREVER.

CX5 – Auto Decoiling  
& Storage System



When was the last time your team effortlessly selected and lifted a 12,000lb coil of steel, transported it, and seamlessly added it to your slitter or rollforming machine, all remotely? In the sheet metal manufacturing game, only the best team can help you achieve true champion status in the industry. So if that's a little above your crew's capabilities, then we suggest an automated solution with the kind of player the likes of which you've never experienced before – our CX5 Auto Decoiling and Storage System.

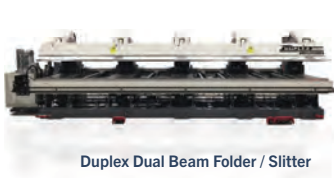
The CX5 is fast: featuring typical coil change times of less than 3 minutes. And it can easily be coupled with SWI Automatic

Slitters and most rollformers to produce automatic coil changes with a customizable range of stations.

Having a machine like the CX5 to minimize the potential for any damage by eliminating the need for moving coils manually is crucial. Not only does the CX5 system take efficiency to the next level, its safety features parallel with what the industry has come to expect from all SWI machines.

Experience what this unprecedented, automated coil-handling system can do for your business. Request a quote by calling (770) 766-0880 or visit [swimachinery.com](http://swimachinery.com) today.

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Marxman Plus & Marxman Pro



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[SWImachinery.com](http://SWImachinery.com)



# United Steel Supply

METAL OF HONOR AWARDS: 2 ■ WEBSITE: [www.unitedsteelsupply.com](http://www.unitedsteelsupply.com) ■ PHONE: 512-263-0954

United Steel Supply wins its second consecutive Metal Roofing Metal of Honor award, following its first win in 2024.

As America's largest distributor of painted steel and Galvalume®, United Steel Supply builds its reputation on a guiding principle of service.

"What an amazing recognition," says United Steel Supply National Sales Manager Conrad Farley. "This award means a great deal to us and we are truly humbled by this honor and proud to receive an award and recognition that comes directly from the metal roofing marketplace. We listen to our customers and work hard to make sure our commitment to service and quality is always the priority."

United Steel Supply's dedication to its customers drives the company and underpins its core objective: delivering the highest level of service among all steel providers in the industry. "Our relationships with our customers give us the opportunity to listen to what they care about then work hard to provide the best service and quality. Everyone at United Steel Supply takes personal pride and responsibility in valuing every order we receive by a customer and we never take it for granted," said Farley. "It's never about where we are today; it's about 1 year from today, 5 years from today, and how we help our customers' growth and success long term."

United Steel Supply holds its customers in high esteem and delivers value-added solutions at every opportunity. The company focuses on metal construction and roofing materials and serves customers coast-to-coast.

"We truly lead by service," said Farley. "We focus on providing service that is second to none and feel everything else will fall in line. We hope that commitment

to service and responsiveness gives our customers the edge they need to stay competitive in their own markets."

Farley expresses his gratitude for the company receiving its second consecutive Metal of Honor. "Our customers are

our friends and it's always so good to hear from a good friend. That's what this award is! We are truly blessed and beyond grateful. Thank you, again, to all the customers who voted for United Steel Supply." **MOH**







**UNITED**  
**STEEL SUPPLY**

# **BUILDING FOR TOMORROW.**

At United Steel Supply, our commitment to the metal roofing industry is second to none because it's the only segment we serve. We're dedicated to championing our industry's future — offering nationwide distribution, full slitting capabilities, just-in-time delivery and the highest quality Galvalume®, galvanized and prepainted steel coils in the nation.

The future is bright in our industry and we will be here to grow with you!

To learn more, contact your USS sales representative.

**UnitedSteelSupply.com | 512-263-0954**



# AceClamp® by PMC Industries, Inc.

METAL OF HONOR AWARDS: 11 ■ WEBSITE: [www.aceclamp.com](http://www.aceclamp.com) ■ PHONE: 860-351-0686, opt. 1

AceClamp® leads the market in rooftop snow retention and solar mounting systems, blending cutting-edge innovation with practical solutions that save contractors time and money. Our fully assembled clamps streamline installation, reducing labor costs without sacrificing performance.

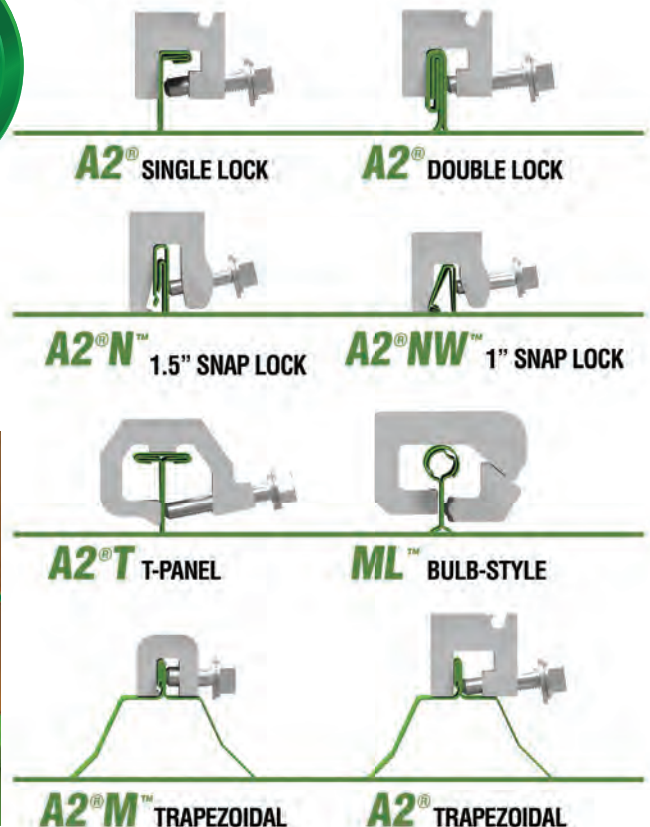
The cornerstone of “The AceClamp Advantage” is a patented sliding-pin design that is a non-penetrating, self-locking clamp that uses a single fastener to evenly distribute force across two push-pins, eliminating set screws and the need for retorquing. Proven through rigorous 3rd-party testing, this inventive approach ensures lasting strength and reliability. Primarily engineered for standing seam metal roofs (SSMR), AceClamp’s versatile, innovative systems also support asphalt, membrane, and slate applications.

With unmatched speed, durability, and innovative design, “The AceClamp Advantage” delivers a forward-thinking edge to every project. **MOH**



## Features & Benefits:

- **NO SET SCREWS**
- **Clamps Arrive Assembled**
- **Patented Push-Pin Design**
- **Self-Locking, NO RETORQUING Required**
- **Rigorous 3rd Party Testing**
- **Non-Penetrating**
- **Fast Installation**





2025 METAL OF HONOR WINNER

# Acu-Form

METAL OF HONOR AWARDS: 3 ■ WEBSITE: [www.acuformequipment.com](http://www.acuformequipment.com) ■ PHONE: 330-674-4003 ■ FAX: 330-674-4035

For the last decade, Acu-Form has provided nothing less than the highest quality roll formers, implementing a tried-and-true manufacturing production process that prioritizes quality control checks, systems, and customer support.

The Acu-Form Promise includes:

**On-Time Delivery:** Your timeline matters. The timeline we promise is the timeline we deliver.

**Pre-Tested Machines:** Your machine will be pre-tested with your materials so when your machine arrives on-site it will be ready to put into production.

**Versatile Growth Opportunities:** Beyond your initial investment in the roll former, you have the ability to add and create new equipment to match your profile to expand your product offerings.

**Exclusive Through-Hardened D2 Tool Steel:** Our machines are manufactured with higher quality materials to ensure durability and performance at costs our competitors can't match.



**Power Options:** We offer hydraulic, mechanical, or electrical power sources according to your needs. With options to do full automation.

**Shipping, Delivery, and Installation Available:** Once your product is ready, we can provide full-service shipping, delivery, and installation for you, including arranging for an electrician to match the specs of your project.

**Customer Service:** We are here to support you beyond delivery and installation. If you have a breakdown, we have parts in stock, in house, and can ship the same day. **MOH**



*Acu-Form*  
ROLL FORMING EQUIPMENT

**ACU-FORM**

Manufacturer Of Roll Forming Equipment  
Millersburg, OH

## OUR PRODUCTS

Panel Lines  
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Uncoilers

Shears  
Slitters  
Corners

Wrappers  
J-Channel  
Ridge Caps

Custom  
Machines



Order Machine Based  
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Customer  
Support



Versatile Growth  
Options



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WEBSITE:  
[WWW.ACUFORMEQUIPMENT.COM](http://WWW.ACUFORMEQUIPMENT.COM)



EMAIL:  
[WAYNE@ACU-FORM.COM](mailto:WAYNE@ACU-FORM.COM)



# AppliCad Software

METAL OF HONOR AWARDS: 4 ■ WEBSITE: [www.applcad.com](http://www.applcad.com) ■ PHONE: 561-748-0545

## AppliCad Wins Metal of Honor for the Fourth Year in a Row: Protecting Margins Amid Rising Costs

AppliCad has once again earned the prestigious *Metal of Honor* award, reinforcing its role as the go-to provider for accurate metal roofing takeoff and material estimation. With material costs soaring, protecting job margins has never been more critical.

### Rising Costs: The Industry's Biggest Concern

Shield Wall Media's *Construction Survey Insights Annual & Market Report 2024* confirms what many in the industry fear: **51.14% of respondents cite material costs as a top challenge in 2025.** In this environment, efficiency is essential—every miscalculation cuts directly into profits.

### How AppliCad Roof Wizard Optimizes Materials

*AppliCad Roof Wizard* helps roofing professionals:

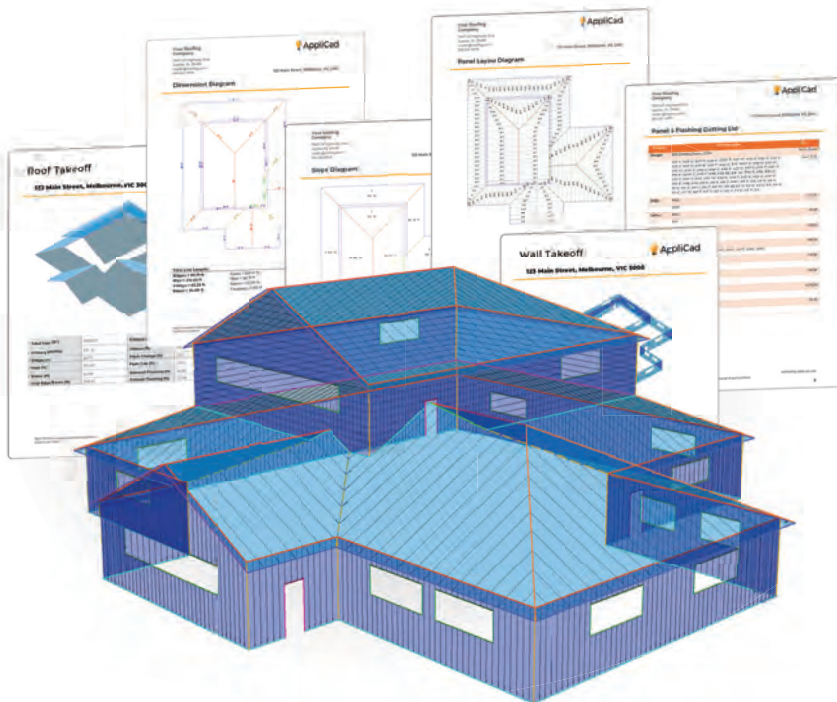
- **Minimize Waste** – Precision calculations eliminate overages and reduce costly errors.
- **Ensure Accurate Estimates** – Avoid unexpected material costs that erode margins.
- **Enhance Competitiveness** – Confidently bid with precise takeoffs, reducing financial risks.
- **Streamline Workflows** – Save time with automated, accurate calculations.

### More Than an Award—A Commitment to Efficiency

Winning the Metal of Honor again in 2025 underscores the AppliCad team's dedication to empowering roofing professionals. As material costs rise, *Roof Wizard* remains an essential tool for staying competitive and profitable. We'd like to thank our valued client partners for their continued trust, business, and vote in these People's Choice Awards.

For roofing professionals looking to optimize every job, *AppliCad Roof Wizard* is a must-have.

Learn more at [AppliCad.com](http://AppliCad.com). **MOH**



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[applcad.com](http://applcad.com)



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Your Trusted Partner in Roof and Wall Takeoffs.



2025 METAL OF HONOR WINNER

# ASC Machine Tools

METAL OF HONOR AWARDS: 4 ■ WEBSITE: [www.ascmt.com](http://www.ascmt.com) ■ PHONE: 509-534-6600

## ROLLFORMING ROLL UP DOOR COMPONENTS

A Roll-Up Door System consists of three main components that can be roll-formed: The panel curtain, the bottom bar, and the guide track.

**1. Panel Curtain:** The panel for the door curtain is formed using a post-cut rollforming line, ensuring that flare is eliminated, which is crucial for the seaming process. The rollformer features a Cee-Frame punching station that adds holes for the door lock just prior to the Post-Cut Shear. These lines can produce roll-up doors for mini storage facilities and larger doors for garages, warehouses, and commercial buildings.

**2. Bottom Bar:** The bottom bar



line includes a Decoiler and a Feeder/Straightener tower, which feeds material into a 3- to 4-station punching unit. All holes in the bottom bar are pre-punched while the material is flat. From the punching unit the material is fed into the rollformer. During the rollforming process, the astragal is introduced into the bottom bar profile. A flying cut-off shear cuts it to the correct length.

**3. Track Rollforming Line:** The track rollforming line setup is similar to the bottom bar line. The modular punching unit punches all required holes and a notch at the top of the track. The bottom bar line also features a flying shear at the end that cuts the track to the correct length. These Lines can produce either Mini Storage Door Track or Commercial Door Track.

Roll formed panels and bottom bars are seamed together and rolled up on an offline Seaming Station and Roll Up Station

ASC Machine Tools, Inc. is a recognized leader in the design and manufacturing of Roll-Up Door Equipment. Since 1949, all of our equipment has been proudly made in Spokane, WA, USA. **MOH**

PREMIUM QUALITY

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MADE IN THE USA SINCE 1949

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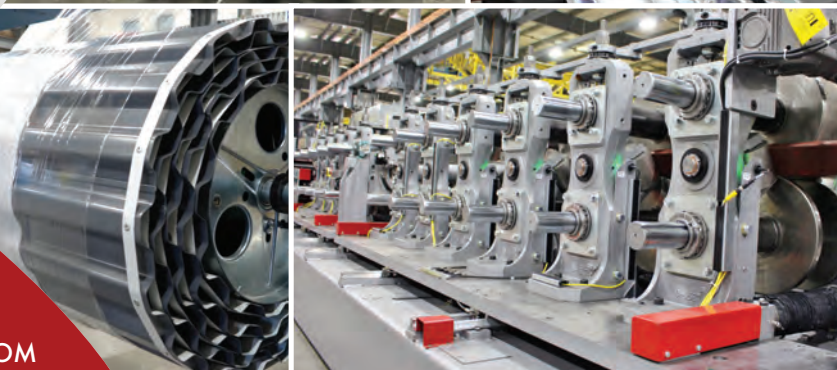


[WWW.ASCMT.COM](http://WWW.ASCMT.COM)



**ASC MACHINE TOOLS, INC.**

SPOKANE, WA USA



# Atlas Building Products

METAL OF HONOR AWARDS: 4 ■ WEBSITE: [www.atlasfasteners.com](http://www.atlasfasteners.com)

We are incredibly proud to announce that Atlas Fasteners has once again been presented with the Metal of Honor Award by Metal Roofing Magazine. Being recognized for another year from the industry's leading publication underscores our unwavering dedication to excellence and innovation in the realm of metal roofing fasteners and accessories.

For years rollformers and metal builders across the country have relied on our products to provide reliability, durability, and strength. We strive to give you not just best in class fasteners for metal-to-

metal and metal-to-wood construction, but also the highest quality closures, venting, boots, and sealants. Our line of Ultimate Screws, Ultibond Sealant and our new Ultivent ridge venting system show our drive to being the number one provider for all your metal construction needs.

We extend our deepest gratitude to the readers of Metal Roofing Magazine for bestowing this honor upon us. Your trust and confidence in Atlas Fasteners drive us to continually raise the bar and set new standards of excellence in the

industry.

To our valued customers and partners, thank you for your unwavering support and loyalty. It is your trust in our products and services that fuels our relentless pursuit of excellence. We are deeply honored to be your preferred choice for all your metal roofing fastening needs.

As we celebrate this achievement, we renew our commitment to delivering unmatched quality, innovation, and service. Join us on this journey to even greater success in the future. **MOH**

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BUILDING PRODUCTS  
Building Products Simplified

**Strong Fasteners.  
Better Builds.**

Reliable metal-to-metal and metal-to-wood fastening—available nationwide

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**METAL ROOFING MAGAZINE  
METAL OF HONOR  
2025**

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Metal Ultimate®	Wood Ultimate®	[Low-Pro] <sup>2</sup> Metal®	Woodtite®	304 Stainless®	Endurafast®



2025 METAL OF HONOR WINNER

# The Bradbury Group

METAL OF HONOR AWARDS: 3 ■ WEBSITE: [www.bradburygroup.com](http://www.bradburygroup.com) ■ PHONE: 620-345-6394

## Innovative Manufacturing Solutions You Can Trust

The Bradbury Group is your go-to partner for roll forming and coil processing equipment. With over 60 years in the industry, we focus on trust and integrity.

We provide complete roll forming lines, coil processing lines, individual components, and controls to make your production smoother and more efficient. Our solutions are designed to meet your specific needs.

Count on us for expert advice and dedicated support. Join our clients who trust us for quality equipment and great customer service.

Reach out today to learn more about our manufacturing solutions. **MOH**



## THE BRADBURY GROUP



Metal Panel & Standing Seam Roll Formers

Purlin Roll Formers

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Trim Roll Formers

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2025 METAL OF HONOR WINNER

# Direct Metals, Inc.

METAL OF HONOR AWARDS: 4 ■ WEBSITE: [www.directmetalsinc.com](http://www.directmetalsinc.com) ■ PHONE: 855-800-8878

Direct Metals Inc. (DMI) supplies fasteners & roof accessories to the commercial, agricultural and residential building markets. There is a commitment to high quality products and excellent customer service, with the objective to bring value to all partnerships. Products are shipped from three convenient distribution centers in Fort Myers, Florida, Plymouth, Indiana and its new center in Houston, Texas, opened in 2024.

The core of the DMI product line consists of long-life SCAMP Hex Washer Head fasteners and Low-Profile PANCLIP screws and panel clips for standing seam metal roof applications.

The 304 Stainless Steel Cap SCAMP provides metal roof warranty protection equal to that of the panel itself. A high-quality powder coat paint system is used to match all panel colors, which helps color retention and adhesion. The PANCLIP Pancake & Wafer head fasteners are designed to be used with panel clips on standing seam roofing on wood or steel substrates. Available in 304 Stainless Steel or G-90 Galvanized, both are coated with DMG85, providing additional corrosion resistance. Both SCAMP and PANCLIP have passed rigid Dade County, Florida, protocols to meet requirements for sale in high corrosion

areas.

Additional products include 304 Stainless Steel painted rivets, solid and vented foam closure strips, butyl mastic, pipe flashings for metal roofs, polycarbonate panels for skylights and a full line of hand tools for metal applications.

New in 2025 will be the WOODZIP and STEELZIP painted HWH fasteners for all-steel and post-frame buildings.

DMI would like to thank the readers of METAL ROOFING for this Metal of Honor recognition. It will work hard to earn customer trust and pursue the mission to bring value to all business partnerships. **MOH**

## SINGLE SOURCE

### PANCLIP SCAMP



**Whether a metal roof is standing seam or exposed fastener, DMI has the high quality products for a successful roof project.**

- PANCLIP low-profile Pancake & Wafer Head standing seam roof screws & panel clips for SNAP-LOCK & MECHANICAL LOCK profiles.
- SCAMP 304 SS Cap Type 17 & SD Points for Post-Frame & Steel-Frame metal building applications have a 40 year warranty.
- PANCLIP & SCAMP Fasteners meet Dade County, FL specifications for coastal, high-corrosion applications.
- Accessories such as Pipe Flashings, Butyl Mastic & tube sealants, 304 SS Rivets, solid & vented foam closure strips round out the product line.



**Let DMI be the SINGLE SOURCE  
you can rely on for your next metal roof project.**

**CALL 855-800-8878 • [www.directmetalsinc.com](http://www.directmetalsinc.com)**



2025 METAL OF HONOR WINNER

# EPDM Coatings

METAL OF HONOR AWARDS: 5

WEBSITE: [www.epdmcoatings.com](http://www.epdmcoatings.com) ■ PHONE: 855-281-0940

To all our customers a big thank you. This makes it 5 years in a row you put your trust in our company. Your vote tells us we are doing our job and providing the level of customer service and technical advice you expect. We continue to strive to exceed your expectations. We have been busy in 2024 getting our new affiliate program developed as well as our roofer lead referral program. Looking for leads, give Greg Kazmierczak our VP of commercial sales a call on 610-298-1989 ext. 9 for more information. We also recently hired Blanca Sanchez as our new VP of customer service for our company. Blanca comes to us with over 25 years of customer service experience and system management experience as well as developing training programs for staff; so please welcome Blanca!

## Caribbean Distributor Expansion

Innovative Building Systems represents the Bahamas and Turks Caicos Aruba and now as of 2025 Bonaire and St. Martin. If you are looking for products in either country, please contact them directly: Guilden Gilbert. Phone: 242-424-6103. EPDM Coatings manufactures the only Liquid BUTYL Rubber in the world. With over 30-year history of success. Get another 18-20 years out of our one-coat system. Re-coat vs. re-roofing and save thousands!

## Key Benefits

- No primer needed; one coat.
- 5-year shelf life.
- ASTM Certified.
- Liquid Butyl Rubber works for virtually any surface.
- Our proprietary solvent allows for a unique chemical cross-link to occur; whereby the Liquid Butyl Rubber and the surface chemically fuse together to become one.
- It is a rust inhibitor-adhesion promoter-UV stabilizer and has built-in mildewcides.
- Over time it will not lose reflectivity, meaning it will continue to reduce thermal heat from entering the building. **MOH**

For additional information, or a sales packet, call 610-298-1989 ext. 9 or e-mail [greg@epdmcoatings.com](mailto:greg@epdmcoatings.com)

### EPDM Coatings

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## MADE IN USA

2025 METAL OF HONOR WINNER

# Everlast Metals

METAL OF HONOR AWARDS: 19 ■ WEBSITE: [www.everlastmetals.com](http://www.everlastmetals.com) ■ PHONE: 800-418-5057

At Everlast Metals, we understand the rigorous demands of modern construction and the expectations of customers. That's why we offer an extensive range of limited weathertight warranties, adding an extra layer of confidence to every project. As a trusted provider of architectural roof and wall systems, we are committed to delivering uncompromising quality, making Everlast Metals the clear choice for professionals seeking reliability and performance.

Our extensive inventory—one of the largest in the industry—ensures customers have immediate access to the materials they need. Strategically located warehouses across the Mid-Atlantic,

Midwest, and New England enable fast, efficient delivery, minimizing downtime and keeping projects on track.

Everlast Metals supplies premium 24-gauge steel and .032 and .040 aluminum, all coated with Fluoropon® 70% PVDF, a high-performance paint system known for its durability. For specialized needs, we offer up to 18-gauge steel and .063 aluminum through custom orders. Additionally, our 26-gauge steel inventory features the industry's strongest SMP coating for superior weather resistance.

With coil and flat sheet widths available up to 48 inches, we provide tailored solutions through precision slitting and custom sizing. Our substrates include

G-90 Galvanized Steel, Galvalume® steel, and Aluminum, ensuring versatility across applications. Everlast Metals also manufactures concealed fastener roof panels, as well as custom wall and soffit panels, offering complete solutions for today's most demanding architectural projects.

When quality, efficiency, and reliability matter most, Everlast Metals is the name to trust.

#### At A Glance

**Phone:** 800.418.5057 toll-free

**Web:** [www.everlastmetals.com](http://www.everlastmetals.com)

**MOH**

PLANT LOCATIONS: LEBANON, PA · ORWELL, OH · BRIDGTON, ME · HOWE, IN

## SLIT COIL AND FLAT SHEETS



**CONTACT EVERLAST METALS FOR QUICK SERVICE  
ON SLIT COIL, FLAT SHEETS AND ALL OF YOUR  
EXTERIOR METAL BUILDING COMPONENT NEEDS.**



Everlast Metals maintains one of the largest inventories of coil and flat sheet stock in the industry. Our slitting capabilities enable us to provide quick and accurate order completion. Our goal is to deliver the quality service you expect, with fast professional delivery and no damage to your order.

#### OFFERING:

- 35-Year Fluoropon® paint warranty
- 40-Year Synergy™ paint warranty
- .032 Aluminum & .040 Aluminum painted Fluoropon® 70% PVDF and Mill Finish
- 24 gauge Fluoropon® 70% PVDF, 26 gauge painted Synergy™ and Bare Galvalume® and G90
- Standard slit coils in stock 16", 20", 24"
- Custom coil widths available to slit from 48", 43", 40.875" master coils
- Cut to length availability
- Strippable film option available

FOR MORE INFORMATION: 800-418-5057

VISIT US AT: [EVERLASTMETALS.COM](http://EVERLASTMETALS.COM)

**Everlast Metals**



2025 METAL OF HONOR WINNER

# Golden Rule Fasteners

METAL OF HONOR AWARDS: 2 ■ WEBSITE: [www.goldenrulefastenersinc.com](http://www.goldenrulefastenersinc.com) ■ PHONE: 334-283-4030

Golden Rule Fasteners has been serving the metal construction industry for more than 30 years. We understand our customers' needs. We have more than 20,000 square feet of warehouse space with top quality products filling our racks all the way to the ceiling. With our huge inventory on hand and an amazing staff who are determined to provide the best service in our industry, we continue year after year to ship almost every order the same day that it is placed. We stock metal roofing screws, steel building screws, deck screws, pipe flashings, butyl tape, closure strips, ridge ventilation, and more. We ship all across the USA and into Canada. When you need it fast call Golden Rule Fasteners! **MOH**



- ◆Roofing Screws
- ◆Deck Screws
- ◆Metal Building Screws
- ◆Rivets
- ◆Butyl Tape
- ◆Caulk
- ◆Pipe Flashings
- ◆Solid Foam Closure Strips
- ◆Vented Closure
- ◆Ridge Vent Material
- ◆Nutsetters & Bits
- ◆Peel & Seal



Butyl Tape



**Golden Rule**  
FASTENERS



Ph: (334) 283-4030

Fax: (334) 283-4032

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Email: [info@goldenrulefastenersinc.com](mailto:info@goldenrulefastenersinc.com)

2025 METAL OF HONOR WINNER

# Graber Post Buildings, Inc.

METAL OF HONOR AWARDS: 4 ■ WEBSITE: [www.graberpost.com](http://www.graberpost.com) ■ PHONE: 800-264-5013

Graber Post Buildings remains a leading material supplier for contractors and wholesalers across the Midwest, Southeast, Mid-Atlantic, and Northeast regions of the United States. With a legacy of success spanning nearly a century, GPB continues to evolve and expand to meet growing demands.

In the past two years, we have constructed a state-of-the-art facility dedicated to truss and laminated column production. Equipped with the latest industry technology, this facility has significantly increased our production efficiency while maintaining short lead times. Additionally, we expanded our operations by constructing six buildings

for dry lumber storage.

To further enhance our offerings, we introduced a new roll-former in 2019 for our Board and Batten metal panels. This addition has been particularly popular in the residential market, providing customers with more design options beyond the traditional agricultural style.

In 2003, Glen Graber, GPB's founder, acquired Martin Metal, a company with a similar business model based in Versailles, Missouri. Martin Metal primarily serves the Midwest and Southwest, and together, our companies bring over 85 years of expertise in metal manufacturing and post-frame supply. Both GPB and Martin Metal oper-

ate their own fleets of delivery trucks, ensuring timely and convenient deliveries to our customers.

At Graber Post, we continue to uphold the core values established by Glen—offering top-quality products at fair prices while providing exceptional customer service. This commitment remains the foundation of our business, and we believe it will drive our success for years to come.

GPB is always looking to expand our dealer network and welcomes new contractors and wholesalers. If you're interested in partnering with us, give us a call today—we'd love to work with you!

**MOH**

Phone  
800-264-5013

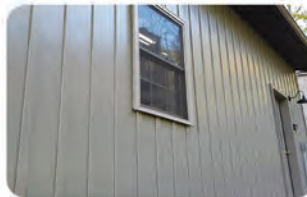
Web  
[www.graberpost.com](http://www.graberpost.com)

7716 N 900 E  
Montgomery, IN 47558

## Metal Board & Batten

Graber Post Buildings has been manufacturing our Board and Batten metal profile since 2019. It has gained popularity each year and catches the eyes of many homeowners. It is a quick and cost effective way to add value and curb appeal to your home remodel or new build. We offer this panel in our 26 Gauge steel with 22 smooth color options, 8 texture options, and now 4 woodgrain options.

If you own a roll-former, we are also a great source for job packs on coil and trim packages. We can slit coil job packs and add our custom bent trim components to make your next job a breeze. Give us a call today for a free quote on your next project.



## About Panel

It gives your building the look of classic board and batten siding, but it requires no painting or sealing. Not to mention, the yearly maintenance for our board and batten metal siding is minimal at best. Unlike wood, this metal siding panel is backed by a 40-year paint warranty and is easy to install! With our systems, the seams and fasteners are concealed, which means you don't have to worry about leaks. Looking for even more reasons to go with our board and batten metal siding, check out our favorite features of this product below:



- ✓ 26 Gauge
- ✓ Cut To Length
- ✓ Protective Film Applied
- ✓ 10" Coverage
- ✓ Concealed Fasteners
- ✓ 40-Year Warranty



**"Quality You Can Count On  
From A Company You Can Trust"**





2025 METAL OF HONOR WINNER

# Hixwood

METAL OF HONOR AWARDS: 4 ■ WEBSITE: [www.hixwood.com](http://www.hixwood.com) ■ PHONE: 715-644-0765

## Get it Fast. Quality Products On Time

Your business deserves timely deliveries with Quality materials. At Hixwood, our commitment is to get your projects built on time. We ensure that your order is completed correctly the first time and delivered on our next scheduled delivery truck.

## Find the Metal You Need — Every Time

Hixwood stocks a wider range of gauges and sizes. Available in over 40 colors, including Textured, we have your metal needs covered.

Every project is unique, so we offer all metal gauge options in full-width coil, slit coil, and full width blank sheets. Roofing and Siding available in 4 popular profiles.

## High Quality Metal Trim Fabrication

At Hixwood, we carry a large inventory of stock trims. However, if your job requires custom-made trim, our modern



cutting-edge equipment enables us to deliver solutions faster than competitors, allowing you to move on to your next job.

## We Work For You

We know the products, we know the business. Metal is our specialty!

We process your orders efficiently and get your products to you quickly. **Our focus is helping you grow your business. MOH**

## ELEVATE YOUR EXTERIOR

### SNAP-LOCK METAL ROOFING



### BOARD N' BATTEN STEEL SIDING

Give us a call, visit us online

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2025 METAL OF HONOR WINNER

# Leland Industries, Inc.

METAL OF HONOR AWARDS: 7 ■ WEBSITE: [www.lelandindustries.com](http://www.lelandindustries.com) ■ PHONE: 800-263-3393

Leland Industries domestically manufactures a complete line of fasteners for the metal roofing and cladding industry. We produce self-tapping and self-drilling sealing fasteners up to 12" in #10, #12, and #14 diameters.

Leland Industries' fasteners are 100% North American made in carbon or stainless steel. Our exclusive JS1000 plating is an industry leader in corrosion protection, and our Powder Coating is available in 100s of colors to match any panel (plus, we offer a warranty to match the life of the panel).

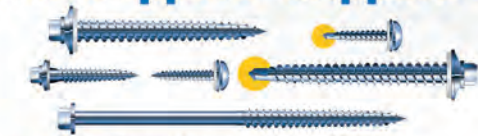
Leland has the ability to manufacture fasteners to meet the demands and needs of our customers, from standards to specials. We understand that product availability is paramount for our partners and we have been bringing the nut and bolt fastener business back home since 1984. Please visit our website for more information. **MOH**

OVER 4,500 PALLET LOCATIONS IN STOCK



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For the post frame building industry  
MDP metal panel to wood or light steel girt or purlin.

### Master Drillers®



Attach metal panel to metal girt or purlin,  
stitching & structural applications. Lengths to 8" available.

### Master Tappers®



Roof panel to panel - roof sheet to structural A - AB - B points available, type F,  
type 23, type 1, BP & more. Lengths to 8" available.



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A325 Heavy Hex Structural Bolts assembled and unassembled in our convenient  
1/4 Keg Pails. Manufactured in 1/2", 5/8" & 3/4" diameters in lengths from 1-1/4" to 6".

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No FADING • No CHIPPING



Our Powder Coated paint system allows us to match  
your painted steel supplier's warranty.



1.800.263.3393  
[www.lelandindustries.com](http://www.lelandindustries.com)



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2025 METAL OF HONOR WINNER

# Levi's Building Components

METAL OF HONOR AWARDS: 5 ■ WEBSITE: [www.levisbuildingcomponents.com](http://www.levisbuildingcomponents.com) ■ PHONE: 877-897-7020

Levi's Building Components® originated as a small operation in Bird-in-Hand, Pennsylvania. Its founder, Levi Fisher, pioneered inventive solutions for prevalent challenges in the metal roofing industry. Among his innovations were the Snow Defender® snow guards and the ReGrip™ screw, engineered to supplant unreliable nails.

Levi's ingenuity extended to time-saving and cost-effective techniques for custom painting and color matching roofing fasteners. As the business flourished, Levi's son, Steve Fisher, assumed ownership and CEO responsibilities, steering the company into an era of expansion.

Now guided by Steve's direction, Levi's Building Components® underwent swift



expansion, broadening its product portfolio and establishing a state-of-the-art facility in 2021. Presently, Levi's Building Components® products adorn residences and structures across the nation.

Suppliers nationwide rely on the company's unwavering commitment to product

excellence, exceptional customer service, and prompt delivery. With an extensive and ever-expanding product lineup, Levi's Building Components® stands as the go-to destination for dependable metal roofing and post frame accessories.

**MOH**



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**INDUSTRY LEADING**  
**QUICK SHIPPING**  
GREAT CUSTOMER SERVICE

Visit our website or call our customer service team to learn more about joining the Levi's family!

(877) 897-7020

[www.levisbuildingcomponents.com](http://www.levisbuildingcomponents.com)





2025 METAL OF HONOR WINNER

# Malco Tools, Inc.

METAL OF HONOR AWARDS: 10 ■ WEBSITE: [www.malcotools.com](http://www.malcotools.com) ■ PHONE: 320-274-7387

Malco Tools is proud to be a 10-time recipient of the Metal of Honor Award during its 75 years in business. Malco prides itself on product innovation and continually develops new solutions based on feedback from roofing pros using its tools in the field every day.

Malco's leading metal roofing solutions include 1-Station and 2-Station Benders for forming 0-100 bends in straight or curved panels of any length on the jobsite, as well as 1-Station and 2-Station Disc Benders for finishing custom straight or curved details like open hems.

Round out your toolbox with ergonomic and efficient cutting and fastening solutions including Offset Left Andy™ Snips, TurboShears™, Long Cut AVs® Snips and the Go Blue Hex Driver line for ergonomic and efficient cutting and fastening. **MOH**



## Metal Benders

by *Malco*®



## The latest in a long line of #DamnGoodTools™



2025 METAL OF HONOR WINNER

# Metal Rollforming Systems

METAL OF HONOR AWARDS: 4 ■ WEBSITE: [www.mrsrollform.com](http://www.mrsrollform.com) ■ PHONE: 888-284-6794

Metal Rollforming Systems (MRS) is proud and honored to receive our fourth Metal of Honor award. MRS has been designing, manufacturing, and selling roll formers and accessories since 1993. We constantly strive to create the best quality roll forming equipment possible. Metal Rollforming Systems aims to be your one-stop shop for all your roll forming needs, allowing you to save time and money when purchasing a roll former. Along with our complete selection of panel roll formers, we also specialize in custom trim profiles along with all the needed accessories to complete your metal panel needs.

As a leader in the light gauge panel roll forming market we continue to press

the boundaries of what is possible with cutting edge panel design and industry leading innovations. Some of our newer-to-market profiles include the Quad Rib, Board and Batten, and F&J trims. These have all generated great interest in the marketplace and have helped our customers continue to raise the bar and differentiate themselves.

We pride ourselves on helping our customers both before and after the sale. We believe this is a major reason why our customers and the industry continue to praise and commend us with awards like the Metal of Honor. Our customers' success is our success and our business is based largely on repeat customers and referrals. We are honored that our

customers speak so highly of us. We strive to make the best experience for our customers and to make them confident they've purchased the right roll former from the right company.

Metal Rollforming Systems has grown from a single man building roll formers to a 100-person crew. Our complete in-house design and production allows our team to keep precision control over each aspect of the manufacturing process. This assures that each roll former is done right and will be reliable for our customers for many years to come. From our family to yours, thank you for the honor of this award and for the privilege of serving the industry for over three decades! **MOH**



## Panel Rollformers

*Titan, Signature & Patriot*

## Trim Rollformers

*Single & Multi Profiles*

## Slitting Lines

*Stand Alone, Cut to Length, & Slit to Recoil*

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**MRS**  
METAL ROLLFORMING SYSTEMS



2025 METAL OF HONOR WINNER

# MWI Components

METAL OF HONOR AWARDS: 18 ■ WEBSITE: [www.mwicomponents.com](http://www.mwicomponents.com) ■ PHONE: 800-360-6467

MWI Components is honored to receive the prestigious Metal of Honor award this year. We would like to thank our loyal customers for their continued trust and support.

Since our founding in 1985, MWI Components has made significant strides in the metal roofing industry, driven by our commitment to providing high-quality, dependable, American-made products. We have built strong relationships with our returning customers, and our exceptional staff has played a key role in our success.

As we continue to grow, we are focused on expanding our product lines to better serve the roofing industry. Our goal is to be your one-stop shop for all roofing needs. We specialize



in roofing accessories and ventilation products, including decorative Cupolas, Ridg-Vents®, Uni-Vent®, Vented and Unvented Closures, Sealants, Retrofit Products, Reflective Insulation, and Building Accessories.

Thanks to the unwavering support of our customers, we've proudly been a part of the industry for 40 years, becoming a leading manufacturer and supplier of cupolas, Ridg-Vents®, steel & aluminum soffits, trim, horse stalls,

Dutch doors, sliding doors & accessories, polycarbonate panels, foil insulation, and more.

Once again, we are deeply grateful for receiving the 2025 Metal of Honor. We look forward to continuing to serve you with reliable, high-quality products for many years to come. **MOH**

## MWI COMPONENTS X-CELL® CLOSURES

NEW!

X-Cell Closures are thick strips made of polyethylene foam, specifically designed to seal and close the gap between the roof deck and the panel. A variety of profiles are available to suit your roofing panels! While they may be easy to overlook during the planning stages of your building's structure and components, incorporating them can save both time and money while safeguarding your building against common threats. Additionally, the adhesive used to attach the closures to your roof line is effective even in subfreezing temperatures.



800-360-6467  
MWICOMPONENTS.COM  
SPENCER, IOWA





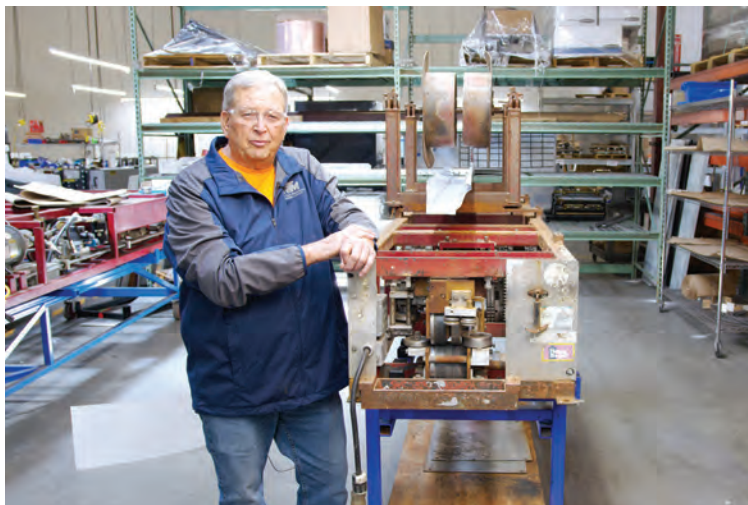
# New Tech Machinery

METAL OF HONOR AWARDS: 15 ■ WEBSITE: [www.newtechmachinery.com](http://www.newtechmachinery.com) ■ PHONE: 303-294-0538

In 1992, Ron Schell joined the startup company New Tech Machinery (NTM) to aid in designing and building portable gutter and panel machines. Schell had previously designed a Mach II gutter machine prototype that featured a polyurethane drive roller, now standard in most portable rollformers. The first NTM 5" Mach II gutter machine was delivered to Washington State in 1994.

Over the next 30 years, Ron played a crucial role in the development of rollforming equipment. His innovative work resulted in nine patents.

The revolutionary design of the Mach II, conversion of the SSP portable panel machine to the current SSQ Quick Change, and their impacts on the industry stand as the highlights of Ron's career. He has a deep passion for innovation and product design. **MOH**



Ron with the first Mach II after 30 years in the field. PHOTO BY NEW TECH MACHINERY.



**The project's roofing is 200,000 square feet. In one year, I'm 75% complete, and I couldn't have done that without the SSQ II on site."**

— Ross McDermott

Higher Ground Roofing in Durango, Colorado

Ross McDermott, owner of Higher Ground Roofing in Durango, Colorado, reached new heights with his NTM SSQ™ II MultiPro Roof and Wall Panel machine. By producing standing seam roof panels on-site for the Tamarron Resort project, Ross cut the project timeline down by over 50% and delivered top-quality metal roofing. With his SSQ II MultiPro in tow, Ross is ready to take on more roofing and siding projects. Are you ready to take your business to the next level like Ross? Contact us to learn how an NTM machine can help you expand your operations!



**HEAR MORE OF ROSS' STORY**

Scan the QR code to learn how Ross McDermott built a thriving business with his SSQ II!



[newtechmachinery.com](http://newtechmachinery.com)



1.800.574.1717

2025 METAL OF HONOR WINNER

# S-5!

METAL OF HONOR AWARDS: 15 ■ WEBSITE: [www.s-5.com](http://www.s-5.com) ■ PHONE: 888-825-3432

**The Right Way™** is not just our slogan — it is our credo and rule of conduct. Having served the industry since 1992 as the original inventor of an all-new and distinctive product category, we have the knowledge, research, engineering, testing, production capability, ingenuity and expertise to develop and manufacture our products like no other.

**Simple Solutions:** With 200 issued patents and a track record of 30+ years as the industry's leading provider of metal roof attachment technologies, S-5! is dedicated to offering permanent solutions for the life of the metal roof. It's our only business.

**Continuous Innovation:** S-5! continues

to innovate new and better solutions and is in a constant improvement, invention/reinvention mode within the space we originally created.

**100% Made in the U.S.A.:** Made in our own automated facility, S-5! products are sold in 70+ countries and installed on 2.5 million metal roofs worldwide with never a single documented product or system failure.

**Certified Material; Certified Manufacturing:** Our manufacturing plant represents state-of-the-art equipment and automation, certified to ISO 9001-15 quality assurance standards. We use only certified raw material and are regularly audited.

**Certified Testing:** We use only ISO 17025 accredited testing labs following strict ASTM standards. Accepted by the International Code Council, S-5! established the industry's testing protocols and has conducted 5,000 individual load tests on every conceivable metal roof profile in numerous gauges and materials.

S-5! is the only manufacturer to have achieved the industry standard for testing and certifying snow retention devices, IAPMO EC 029-2018.

**Warranties:** S-5! confidently stands behind its quality assurances with the industry's only lifetime product and performance warranties on all goods sold. **MOH**

## REDUCE THE RISK OF ROOF AVALANCHES!



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\* Visit [s-5.com/warranty](http://s-5.com/warranty) for more information





2025 METAL OF HONOR WINNER

# Snap-Z

METAL OF HONOR AWARDS: 10 ■ WEBSITE: [www.snapzvent.com](http://www.snapzvent.com) ■ PHONE: 717-572-0910

The journey began in 2014 when a customer requested an alternative ridge vent. Since what they were looking for did not yet exist, this sparked our desire to engineer and manufacture a revolutionized ridge vent. The new product needed to satisfy the demands of the market and speed up the installation process on a standing seam roof.

Our goal has always been to simplify the installation process for standing seam ridge vents. We make it our highest priority to deliver a quality product that not only meets, but exceeds, the standard expectations in the standing seam roofing industry. We strive to provide innovative, time-efficient products to ease the difficulty of installing standing seam ridge ventilation

systems.

Our simple commitment: We follow the commands of Christ and commit to treating you like we want to be treated. We will do our best to deliver fast, quality service, every time you need it.

The Snap-Z product allows installers to vent the peak of a standing seam metal roof in a way that air is allowed to flow, yet water and snow infiltration are restricted. The design of the Snap-Z is unique in the marketplace, a new product designed in-house by Snap-Z to work with 1" open-hem metal ridge caps. It fits between the ribs of standing seam roof panels.

A simple, unique, two-step process makes installation of the Snap-Z a breeze, and saves both time and money with its

speed and efficiency: 1. Using screws, install one Snap-Z on each side of the ridge of the roof. 2. Take the ridge cap and slide it onto the Snap-Z. Then fasten the ridge cap to the Snap-Z with a minimum of three pairs of pop rivets per 10' of ridge cap.

Snap-Z is cut to the length desired by each customer. Product specifications include:

- Net Free Area: Up to 15 square inches per 1 linear foot of ridge
- Snow Infiltration: 0
- Withstands 120mph wind-driven rain
- Withstands winds up to 110mph
- Air Flow: 730 cubic feet per min (per 10' ridge)
- Rib Height: 1", 1-1/2", 1-3/4", 2"

For more information, call us at 717.572.0910 **MOH**



**SNAP-Z**

**Do It Right  
Do It Quick  
Reduce Call Backs**

## GET A RIDGE VENT THAT LASTS THE LIFETIME OF YOUR ROOF

**DURABLE STANDING SEAM ROOF VENTS**



***"When using SnapZ I don't have to worry about the foam closures blowing out 2 years down the road."***

-David Troyer, Elite Contracting LLC



- ✓ Pre-applied butyl tape
- ✓ Pre-cut and Pre-punched
- ✓ Critter-proof
- ✓ Preserves beautiful hidden fastener look
- ✓ Designed to work with 1", 1.5", 1.75", 2" standing seam profiles.

**GET A QUOTE TODAY! CALL (717) 572-0910**

Email: [office@snapzvent.com](mailto:office@snapzvent.com) [www.snapzvent.com](http://www.snapzvent.com)

2025 METAL OF HONOR WINNER

# Triangle Fastener Corporation

METAL OF HONOR AWARDS: 21 ■ WEBSITE: [www.trianglefastener.com](http://www.trianglefastener.com) ■ PHONE: 800-486-1832

Since 1977, Triangle Fastener Corporation has been providing a comprehensive range of fasteners, sealants, tools, and accessories for the commercial construction industry. With 30 locations and 8 paint shops, we specialize in high-performance standard and specialty products for various roofing applications. We also offer job site and technical support, inventory management, and reliable delivery services. Choose from a wide selection of popular commercial-grade products, including our premium TFC SPECIFIC™ brands.

Call us toll-free for more information:  
800.486.1832. **MOH**

#### Corporate Office:

Triangle Fastener Corporation  
1925 Preble Avenue  
Pittsburgh, PA 15233

#### Phone:

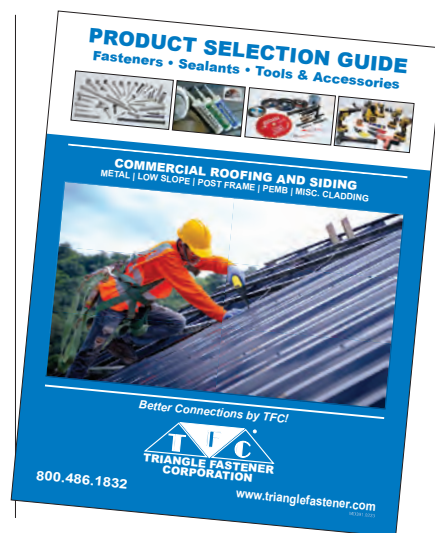
800.486.1832

#### Fax:

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2025 METAL OF HONOR WINNER

# Roof Hugger

METAL OF HONOR AWARDS: 10 ■ WEBSITE: [www.roofhugger.com](http://www.roofhugger.com) ■ PHONE: 800-771-1711

We're honored to be recognized once again for our contributions to the metal roofing industry. As a recipient of the Metal Roofing Magazine Metal of Honor Award, Roof Hugger continues to lead the way in metal-over-metal retrofit framing systems.

The past few years have brought many challenges, but thanks to our dedicated team and understanding customers, we've continued to deliver high-quality solutions—often meeting or exceeding promised delivery dates. We appreciate your patience and partnership as we navigate industry demands.

2024 has been another record-breaking year for retrofitting aging metal buildings. If re-roofing is not already

part of your services, now is the time to explore the retrofit market. Retrofit projects are often negotiated work with fewer competitors, offering steady business opportunities.

Roof Hugger's engineered framing system makes quoting easy. We offer preliminary design estimates at no charge, helping our contractors quote projects accurately within days, not weeks. Our system works with any existing metal roof and any new panel of your choice.

For those doing public or military work, Roof Hugger has unmatched experience—over 4.5 million square feet of military projects and more than 110 million square feet of retrofits completed nationwide.

Building owners love Roof Hugger for its non-disruptive installation, eco-friendliness (keeping old roofing materials out of landfills), and added energy efficiency. Our system creates space for new insulation, improving comfort and lowering energy costs year-round.

If you're a contractor, architect, or building owner looking to upgrade an existing metal roof, we're here to help. Roof Hugger delivers solutions that meet today's stringent wind and snow codes, with systems that offer up to 60 years of useful life. Compared to coatings, single-ply, or temporary fixes, Roof Hugger offers the lowest lifetime cost, minimal maintenance, and the best platform for future solar PV systems. **MOH**

## THANK YOU!

*For voting Roof Hugger into the 2025  
Metal of Honor for retrofit roof products*

## ROOF HUGGER®

Providing Retrofit Metal Roof Subframing Systems For 30+ Years

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# Sealant Guidance

## Choose Sealants Wisely To Support Metal Roof Performance and Longevity

By Karen Knapstein

The purpose of using sealants when installing a metal roof is to prevent moisture and air infiltration, along with creating a barrier against dirt, dust, and other debris. Any time metal roof panels or accessories overlap or connect, frame an opening, or meet features like fascia, flashing, roof ridges, or walls, the detail needs sealant. The same goes for any spot where the roof surface is penetrated—such as standing seam panels at end laps and seams, roof jacks, smoke vents, or roof curbs for HVAC or skylight installations. Sealant is also needed at roof ridges and around any mechanical fasteners. Properly sealing these areas helps ensure a leak-free, long-lasting roof. The type of sealant and its application are determined by the roof system and the situation.

### Hidden Fastener Systems and Sealant Use

Metal panels with hidden fastener systems generally don't require sealants directly underneath. However, sealants are essential in areas such as hips, rakes, ridges, skylights, boots over vents, or other protrusions with exposed fasteners. These sealants help form a moisture barrier and ensure a proper seal between surfaces. Additionally, a sealant helps lock the fastener in place over long periods of time and works like an adhesive.

For this purpose, durable and versatile butyl tape is usually used, along with high-quality caulks. However, different types of sealants used in different applications present unique challenges.

### Challenges of Sealants in the Elements

Caulk-based sealants have a tendency to start drying out or cracking over time. These inexpensive options, which are often water-based and contain a lot of cheaper fillers, degrade when exposed to high roof temperatures and UV rays. This leads to shrinkage, brittleness, and eventual cracking.

To ensure longevity, manufacturers typically recommend using moisture curing elastomeric sealants. These superior

caulks solidify into a flexible, rubber-like material by absorbing moisture from the air or by mixing with a curing agent. Their flexibility allows them to withstand roof movement and temperature changes over the years.

Another recommended option is solvent-based sealants, which cure when the solvent evaporates over a short amount of time. These products are particularly effective in varying weather conditions and can typically be applied in temperatures below freezing. Hybrid sealants—combining polyurethane and silicone—are also an effective choice, as they provide excellent durability and adhesion.

One key factor in sealant failure is improper application. Even high-quality caulks can fail if applied too thinly or onto a surface that is not properly cleaned. Also, if the sealant is pulling away from the substrate, it may indicate that its adhesive properties are weaker than its cohesive strength.

### Choosing the Right Sealant for Metal Roofs

**Avoid latex sealants** – While inexpensive, they tend to crack over time and are not effective for metal roofing.

**Use high-grade modified silicone caulks** – These provide superior flexibility and adhesion, and they are available in many colors, along with clear formulas.

**Consider season-specific products** – Some caulks become hard and difficult to apply in cold temperatures, while others may run in extreme heat. Look for formulations that stay soft and workable year-round.

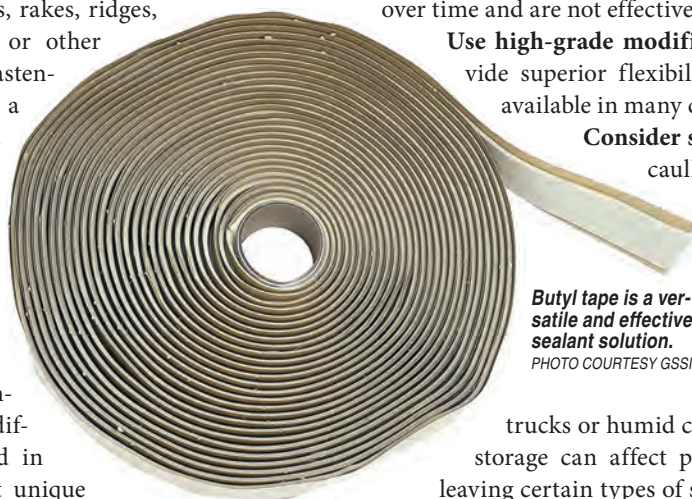
**Store sealants properly** – Avoid leaving them in hot

trucks or humid conditions overnight, as improper storage can affect performance. Additionally, avoid leaving certain types of sealants in freezing conditions, if they are not freeze-thaw stable.

### Application and Storage Best Practices

A smooth and clean application is key to ensuring a sealant performs well. Use a caulk gun with a retractable plunger, which allows for better control and a more balanced flow of sealant.

When working in hot conditions, some sealants may run or create a mess. Choose a product designed to maintain its consistency at higher temperatures. Sealants developed using rheology testing (which studies the flow of materials) are designed



Butyl tape is a versatile and effective sealant solution.  
PHOTO COURTESY GSSI



## PRODUCT FEATURE

for optimal performance in various conditions.

In colder months, some sealants may become too hard to extrude and apply properly. In these situations, choose a product that remains pliable even in frigid conditions, and opt for sealants packaged in plastic tubes rather than paper ones, as they hold up better in extreme weather.

### Adhesion, Discoloration, and Dirt Resistance

One major challenge with sealants is their long-term adhesion to metal surfaces. Over time, some caulks lose their grip, leading to leaks. To combat this, use sealants with advanced polymer formulas, which provide a stable, long-lasting bond to metal. Hybrid silicone-urethane products offer both the elasticity of silicone and the strong adhesion of urethane, making them ideal for roofing applications.

### Other Considerations for Sealant Selection

**Sealant movement capability** – Many caulks are rated as Class 35, meaning they can handle 35% movement of the joint width in either direction. For metal applications, Class 50 sealants are preferable for better flexibility.

### Sealant Resources:

Direct Metals, Inc.	• <a href="http://www.directmetalsinc.com">www.directmetalsinc.com</a>
Dynamic Fastener	• <a href="http://www.dynamicfastener.com">www.dynamicfastener.com</a>
GSSI Sealants	• <a href="http://www.gssisealants.com">www.gssisealants.com</a>
Levi's Building Components	• <a href="http://www.levisbuildingcomponents.com">www.levisbuildingcomponents.com</a>
Marco Industries	• <a href="http://www.marcoindustries.com">www.marcoindustries.com</a>
Novagard	• <a href="http://www.novagard.com">www.novagard.com</a>
Sealers, Inc.	• <a href="http://www.sealersinc.com">www.sealersinc.com</a>
ST Fastening Systems	• <a href="http://www.stfasteningsystems.com">www.stfasteningsystems.com</a>
Triangle Fastener Corporation	• <a href="http://www.trianglefastener.com">www.trianglefastener.com</a>

**Discoloration issues** – White-colored caulks may yellow over time if they contain impure raw materials. Look for products with UV inhibitors to prevent discoloration.

**Tackiness and dirt accumulation** – Some sealants remain tacky long after drying, which causes them to hold on to dirt and dust. Opt for products that lose their tackiness within 24-48 hours and have a faster curing time to prevent debris accumulation.

## Master Flash® Roofing • Plumbing • Electrical • HV/AC • Solar SEAL IT RIGHT, SEAL IT TIGHT®



### ROOF VENT SEALING ADAPTER



**Standard Applications**



**Retrofit Applications**

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## Sealants for Copper and Other Metals

Copper presents unique challenges when it comes to sealant adhesion. When copper is milled, it produces an oil residue that prevents bonding. Additionally, patina formation under the sealant can cause the bond to weaken over time.

To address this, neutral-cure silicone sealants are recommended over acetoxy silicones; they maintain adhesion to copper longer than other types.

For galvanized metal, some roofers use an abrasion technique to improve adhesion. However, this practice removes the protective coating and galvanization, potentially compromising the metal's durability. Instead, use sealants specifically formulated for pre-coated panels. Many manufacturers produce caulks designed for Kynar-coated panels, which have superior UV resistance and long-term performance.

## The Role of Butyl Tape in Metal Roofing

Butyl tape is a popular sealing option due to its strong adhesion, easy application, and long-lasting durability. It is particularly effective for:

- Lapping two pieces of metal together (overlaps)

- Sealing non-exposed joints
- Protecting seams and vents

Butyl tape is widely used because it remains rubberized, tacky, and flexible for years. It also doesn't dry out or crack over time and can be applied in extremely hot or cold temperatures.

However, butyl tape is typically not ideal for sealing roof penetrations, such as when installing metal boots over plumbing vents. In these cases, caulk is the better option. In addition to the obvious aesthetic reasons, caulk ensures a tighter fit and retains its adhesion. (One exception is EPDM boots, since most caulks don't adhere well to this material.)

## Conclusion

Selecting the right sealant for metal roofing is crucial for long-term performance and leak prevention. Each sealant type has its strengths and weaknesses, and knowing when and where to use them can make all the difference.

By understanding the properties of elastomeric caulks, hybrid formulations, advanced polymer sealants, and butyl tape, you can ensure a well-sealed, durable metal roof that withstands the elements for years to come. **MR**



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# Restoration & Preservation with Metal Roofs

Metal roofers will find opportunity in re-roofing older structures

By Karen Knapstein

**D**uring METALCON 2024, industry veteran Todd Miller of Isaiah Industries delivered an insightful presentation on architectural restoration and preservation using metal roofing systems. Todd explored the unique needs of older buildings, explained how metal can meet those needs, and demonstrated why metal is an excellent choice for preserving historic structures. Here's a recap of some of the key points Todd shared.

## Benefits of Metal

According to Todd, metal roofing

offers a flexible solution that preserves the past while preparing a building for the future. Metal not only brings older structures up to current building code standards and weather resilience, but it also adapts to changing conditions—especially as worsening weather patterns increase the need for robust roofing solutions.

**Reducing Landfill Burden:** In many cases, metal can be installed over existing roofing materials, such as old asphalt shingle roofs, thereby reducing waste.

**Reducing Carbon Footprint:** By reusing and repurposing existing

buildings, fewer resources are required for new construction, helping to minimize the environmental impact.

**Enhancing Energy Efficiency:** Metal roofs perform exceptionally well in the summertime. Their longevity, combined with compatibility for solar panel installations, ensures a worry-free mounting process that lasts longer than the solar array itself.

## Goals for Older Structures

Todd identified five key goals for addressing the challenges of older structures with metal roofing:

**Renovation:** Modernizing an older structure to make it suitable for contemporary use through the incorporation of new materials, technologies, and practices.

**Restoration:** Returning a building as close as possible to its original state while maintaining historical accuracy. Todd cited Fort Piqua Plaza as an example, where a blend of exterior restoration and interior renovation revived its role as “a vibrant part of community life.”

**Preservation:** Protecting a structure without permanently altering its original materials, thereby preventing ongoing aging and deterioration.

**Conservation:** Maintaining as much of the original building as possible in its unaltered state.

**Reproduction:** Designing new buildings that capture the aesthetic of older structures.

Todd emphasized that while some projects may involve a combination of these practices, metal roofing products can positively contribute to all five



*Metal roofing systems can match the aesthetic of any historical building. PHOTOS COURTESY OF ISAIAH INDUSTRIES*

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***Metal's relatively low weight makes it a great choice for steep-slope installations.***

PHOTOS COURTESY OF ISAIAH INDUSTRIES



approaches. He also noted that the opportunity for metal roofers is growing, as the average age of buildings in the United States continues to increase—from a median of 31 years in 2006 to 40 years in 2021.

Other factors, as Todd pointed out, indicate a rising demand for metal roofing and structural support:

- Older buildings outnumber new ones.
- Many older buildings are energy inefficient.
- Older structures often have vulnerable, weakened frameworks, making weight loads a significant factor.
- They were not designed for resiliency against increasingly severe weather patterns.

Todd also highlighted that addressing the housing shortage presents an opportunity for repurposing older buildings into lofts, multifamily units, or mixed-use spaces. Metal roofing, with its compatibility for panelized construction and offsite building techniques, can significantly speed up these conversions.

### **Building Longevity**

Metal roofs extend the life expectancy of buildings, whether new constructions or retrofits. He shared that metal has one of the longest expected service lives in construction. While one study showed wood with an expected service life of 51 years and steel and masonry at 77 years, the Metal Construction Association's research on metal roofs often indicates life expectancies of 80 years or more. Furthermore, many metal building products can be repainted after the original finish has eroded, allowing them to serve as a building's final exterior envelope when properly maintained.

Todd also recounted how historical metal roofs featured raised seams, flat seams, soldered flat seams, and metal shingles. "Back around the turn of the last century, countless manufacturers produced stamped metal or tin shingles—often called Victorian shingles because of the era. Then, due to the demands of World War I and the Great Depression, these products fell out of favor," Todd



explained. Today, companies like WF Norman and Heather & Little still manufacture these products using traditional equipment, while modern versions are produced by companies such as Berridge, Metal Shingles, LLC, and Isaiah Industries. These historical panels, which interlocked on the sides but not on the top and bottom, helped inspire the extensive range of modular metal shingles available today.

### Why Metal Is a Good Choice for Older Buildings

Todd Miller noted several reasons why metal is especially suited for older structures. Metal roofing materials typically add less weight per square foot compared to alternatives like slate or even asphalt shingles. For example, steel roofing weighs approximately 1 pound per square foot, whereas slate weighs

between 7 and 12 pounds per square foot, and asphalt shingles weigh between 2.25 and 3.75 pounds per square foot. In older buildings, lighter roofing materials can prevent structural damage, particularly during seismic activity.

Additionally, retaining the old roof while installing metal can eliminate the need for landfill disposal and enhance energy efficiency. Retrofit systems can even be used to adjust roof pitch where necessary. Metal systems, often featuring interlocking panels, offer superior wind resistance and adaptability for installation over various surfaces. Moreover, metal's versatility in mimicking other materials means it can deliver an aged, authentic appearance while providing the benefits of modern performance.

### Conclusion

Todd Miller of Isaiah Industries

demonstrated that metal roofing is not just about durability—it's about honoring the past while building for the future. From improving energy efficiency and reducing environmental impact to preserving the historical character of older structures, metal roofs offer a versatile, long-lasting solution. By addressing the unique challenges of older buildings with tailored approaches like renovation, restoration, preservation, conservation, and reproduction, metal roofing is proving to be an invaluable asset.

As our nation continues to repurpose aging buildings and address housing shortages, the role of metal roofing will only grow more significant. If Todd's expert insights are any indication, it's clear that the future of architectural restoration and preservation is both resilient and innovative. **MR**

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**S-5! Vice President of Operations Shawn Haddock, left, and CEO/founder Rob Haddock accept the MBMA's Industry Advocate Award.**  
PHOTO COURTESY OF S-5!

## S-5! Receives 2024 Industry Advocate Award

S-5!, the original inventor of engineered metal roof attachments, was honored with the 2024 Gold-Level Industry Advocate Award by the Metal Building Manufacturers Association (MBMA) at its annual meeting and awards presentation held Dec. 9-11 in Savannah, Georgia.

The award recognizes S-5! for its exceptional service, unwavering participation and significant contributions to the growth and success of the metal building systems industry.

S-5!'s CEO and Founder, Rob Haddock, and Vice President of Operations, Shawn Haddock, proudly accepted the award on behalf of the company.

This prestigious gold-level recognition was granted to S-5! for its outstanding commitment to advancing MBMA's initiatives, including active involvement in MBMA committees, advocacy efforts to elevate the metal building systems industry, and participation in various educational and promotional events in addition to participation in its safety program.

This is the 6th consecutive year S-5! has been recognized by the MBMA in its annual award program.

"MBMA provides essential resources to those working within the metal building systems industry," said Rob Haddock, S-5! CEO and founder. "Its programming, networking, scholarship and mentorship opportunities are invaluable for those seeking to advance their skills and knowledge. We are deeply honored to receive this award and to be a part of this incredible community of industry pioneers."



## True Metal Supply Opens New Facility in Asheville, NC

True Metal Supply has announced the expansion of its manufacturing operations with the opening of a new facility in Asheville, North Carolina. This expansion will allow the company to better serve its growing customer base throughout the region while maintaining its commitment to superior product quality and service.

The Asheville facility will boost production capacity, ensuring quicker lead times and more efficient logistics for customers in North Carolina, South Carolina, and surrounding areas. In addition to offering a full range of metal roofing and siding products — along with a beautiful showroom — the new location will also introduce an expanded product line, which will subsequently be available at other True Metal Supply locations.

"As demand for our products continues to grow, expanding into Asheville allows us to strengthen our service and support for customers across the Southeast," said Mason Burchette, Owner of True Metal Supply. "This new facility represents our ongoing commitment to excellence, efficiency, and customer satisfaction." The Asheville facility marks a significant step forward in the company's growth, and the additional location will provide enhanced support for the business as a

whole, allowing for greater efficiency and expanded service capabilities.

True Metal Supply's Asheville facility is now open for business. The company will host a grand opening event in the coming weeks to celebrate this expansion and welcome local customers, contractors, and industry partners.



## IMETCO Marks 30 Years

IMETCO (Innovative Metals Company, Inc.) celebrated its 30th anniversary in the final quarter of 2024. In 1994, Garland Industries, Inc. partnered with two metal roofing manufacturers to form IMETCO, with the goal of fabricating a full range of metal product solutions for the building envelope. Today, the company has grown to encompass manufacturing operations in Norcross, Georgia, Sacramento, California, and Burlington, New Jersey; operational offices in Norcross and Buffalo, New York; and an extensive range of metal solutions, from roofing, wall cladding, and rainscreen solutions to insulation, deck systems, and accessories.

IMETCO's Joe Mellott, who has been with the company since 2016 and became its president in 2022, reports: "We are really proud of the diversification of today's product offering. IMETCO has become a leading brand in metal facades and their design. We have a strong sales force of architectural representatives. The manufacturing team includes talented design and engineering professionals from around the world who are committed to developing and fabricating leading-edge designs and details to support the architectural community."

According to former president and current CEO, Joe Orlando, the company's transition from being a metal roofing



company to a premier manufacturer of exterior cladding and roof decks is only the beginning. “We are looking forward to producing innovative custom trim components, new wall and roof panel designs with a focus on energy savings, and establishing an even deeper product line in the years ahead.” He concludes, “We extend a sincere thanks to every IMETCO employee that has helped contribute to our success, and to every customer that has ever placed an order with us.”

## MRA Honors Original Founding Member, Executive Director Tom Black

The Metal Roofing Alliance (MRA) honors the memory and many accomplishments of Tom Black, MRA's original executive director and a founding member of the organization, who passed away recently.

Black served as MRA's first executive director—a position he held for 12 years—after helping found the organization in the 1990s. In his role, he helped champion the use of residential metal roofing and was instrumental in not only growing the MRA into the leading nonprofit representing the residential metal roofing in the U.S. and Canada, but also increasing demand and acceptance for residential metal roofing as a more durable, reliable and sustainable choice.

Black got his start in the industry after earning an undergraduate degree from Oregon State University in Corvallis, Oregon, and an MBA from the University of Southern California in Los Angeles. With experience working at manufacturing plants on the West Coast and in Texas, he identified an emerging pattern: consumers consistently having to replace their asphalt roofs on their homes. Working with a founding group of like-minded individuals, Black rallied industry leaders around the idea of metal roofing as a much better solution that also offered tremendous growth potential, and the Metal Roofing Alliance was born.

“Tom inspired the original coalition

of suppliers and fabricators that created the MRA,” says Todd Miller, president of Isaiah Industries Inc., who also serves as MRA's current board president and was part of the organization's original founding group. “He was able to get industry competitors to work together successfully for common good and growth. He was instrumental in developing the vision and strategic direction that created the MRA and helped metal roofing become the second most used residential roofing material.”

Tom will be remembered for his positive impact, passion, and leadership in driving the growth of residential metal roofing and the industry as a whole.

“Tom was very passionate about residential metal roofing,” said Renee Ramey, MRA's current executive director. “He understood the residential market at the time and how best to reach it. His creative ideas helped pave the way for MRA in its outreach efforts while driving success for our mission: to grow market share for metal roofing in the residential arena.”

## RIMA-I Meetings April 16-17

The Reflective Insulation Manufacturers Association International (RIMA-I) will hold its Spring meetings at the Omni Hotel in downtown Nashville, Tennessee, April 16-17, 2025. These are the association's working meetings where each of its committees meet to discuss assigned projects, address current industry issues and work on ongoing and upcoming projects. Topic categories include building codes, technical/ research, LEED/ sustainability, verification, international conference, strategic alliances and PR/ Marketing/ Membership. The full membership will also meet to report on association accomplishments and activities, address association business and enjoy guest a guest speaker.

This is an opportunity for all to learn about what is happening within the industry while networking with the top professionals in this field. Anyone involved in the reflective insulation,

radiant barrier and radiation control coatings (IRCC) industries, are invited to attend. Guests are welcome to participate in all meetings and are invited to join the members for a group cocktail hour sponsored by Balcan Innovations ([www.rfoil.com](http://www.rfoil.com)) followed by dinner on Wednesday evening at The Diner restaurant. There will also be a group brunch following the Membership Meeting Thursday morning, which will be followed by a guest speaker — all of which are compliments of RIMA International.

## The Coffee Shops™ Announce 2025 Influencers

The Coffee Shops™, the award-winning websites where the industries meet for technology, information and everyday business, has announced the 2025 Influencers for RoofersCoffeeShop (RCS), MetalCoffeeShop® (MCS), CoatingsCoffeeShop® (CCS) and RCS en Español.

Each month, Influencers respond to a topic that is relevant and timely in their respective industry, such as the ethical usage of AI, remaining competitive, using social media to grow your brand, regulatory challenges, emerging technologies, and more. RCS, MCS, CCS and en Español feature Influencer responses through interviews, videos and articles. These Influencers represent every corner of the roofing, metal and coatings industries, including contractors, associations, manufacturers and service providers. Their contributions are showcased in dedicated sections on each website, shared on social media and featured in weekly eNewsletters.

“Our goal is to amplify the insights and expertise our influencers offer, tackling the key challenges faced by professionals in the roofing, metal and coatings industries,” said RCS President Heidi J. Ellsworth. “We are proud to highlight our Influencers' wisdom and expertise across all Coffee Shops. We are committed to supporting and encouraging industry growth and are honored to promote

these amazing Influencers.”

“This year, as part of the RCS en Español initiative, we are excited to shine a light on authentic voices that reflect the diversity of our industry. Their stories and expertise inspire the next generation of skilled workers and ensure that every community sees a future for themselves in the trades,” Ellsworth emphasized.

## 2025 Influencers include:

### RoofersCoffeeShop:

Matt Copeland – Copeland Building Envelope

Ron Harriman – retired roof consultant

Erica Reed, Elite Roofing Solutions

Rachel Garcia, Malarkey Roofing

Products

Patrick Cochran, Red Dog’s Roofing

Melissa Chapman, Glo Group

Jake Magalsky, Ace Roofing

Allison Woslager, Integrity PNW

Steve Little, KPost Roofing &

Waterproofing

Lee Lipniskis, Levello Construction

John Kenney, Cotney Consulting

Group

Tammy Hall, CFS Roofing Services

Ashley and Seth Pietsch, Integrity

Insurance & Bonding Inc

Trent Cotney, Adams & Reese

Rich Carroll, Carroll Consulting

Jay Wade, Service First Solutions

Joshua Adams, Roof Scout

Lucas Severance, Slate Valley Supply

Greg Hayes, Pauls Sheet Metal

### MetalCoffeeShop:

Hayley Bohmer, New Tech Machinery

Jena Jackson, Indiana Metal

Erik Trefzger, Orca Roofing

Bob Mesmer, RMG Erectors

Randy Chaffee, Source One Marketing

Holly Gotfredson, American

Metalcraft, Inc.

Haley Iselin, Metal Roof Specialties

John Kenney, Cotney Consulting

Group

Jerry Iselin, Metal Roof Specialties

John Sheridan, Sheridan Tools

Stacey Lynn, The Barndominum

Company

Thea Dudley, Pocket Protectors LLC

Robert Tiffin, Metal Building Contractors and Erectors Association (MBCEA)

Greg Hayes, Pauls Sheet Metal

John Chan, The Durable Slate

Company

Renee Ramey, Metal Roofing Alliance

(MRA)

Laurie Moore, Kreiling Roofing

Travis Sliger, 4Ever Metal Roofing

### CoatingsCoffeeShop:

John Kenney, Cotney Consulting

Group

Johnny Walker, ICP

Greg Hlavaty, Western Colloid

Lisa Irby, Thomas Roofing

Shawn Morgan, KPost Roofing & Waterproofing

Joe Sorrentino, Sherwin-Williams

Roofing Solutions

Tracey Donels, Service First Solutions

Greg Hayes, Pauls Sheet Metal

Ryan Blad, 838 Coatings

Will Lorenz, General Coatings

Greg Serevetas, USA General

Contractors Corp.

### RCS en Español Influencers:

Teresa Ramirez, Southeast

Contracting Services

Julissa Chavez, SRS Distribution

Jacqueline Garcia, Latinos in Roofing

Amparo Sancen, Sancen Contracting

and Latinos En Roofing

Lorna Roja, Tremco

Monica Vornbrock, The Glo Group

Duliar Valladres, SRS Distribution

Octavio Vasquez, Owens Corning

Francisco Serrano, Roofers Going

Digital

Sandra Damaris, Southeast

Contracting Services.

## MRA Announces New Contractor Program Options

The Metal Roofing Alliance (MRA) has announced changes to its member contractor program, helping further bolster the industry by providing benefits ranging from consumer leads and industry representation, to sales tools and marketing support.

With the goal of growing the metal roofing residential market in the U.S. and Canada while meeting the increased demand from consumers for a long lasting, resilient, sustainable and stylish roofing solution, the MRA now offers member contractors two ways to participate.

Beginning in 2025, qualified metal roofing contractors can opt to become a MRA Gold or Silver level participant. For \$1,500 per year, MRA Gold level contractor members will receive extra promotion and business building benefits, including homeowner leads delivered daily, top listing on MRA’s Find A Professional web page and the ability to highlight images with an enhanced online profile. Silver level members can participate at no cost and will receive leads delivered weekly. They also will be listed on MRA’s Find A Professional web page, below Gold members and with a company name-only profile listing.

MRA contractor members receive value from participating in MRA’s consumer-focused education and marketing efforts designed to grow awareness of quality metal roofing and showcase the many benefits of metal roofing. MRA’s efforts have led to a strong increase in demand for metal roofing among homeowners, and quality metal roofing has become the second most popular choice of roofing material in the U.S.

“There’s no doubt the popularity of residential metal roofing is increasing and now more than ever before, homeowners are looking for professional resources for new construction and re-roofing needs,” said Renee Ramey, MRA executive director. “Our goal is to connect the dots and make sure that homeowners can find not only the information they need to make an informed decision, but also the skilled professionals that will help them install a quality metal roof.” **MR**



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*Metal Roofing Magazine June/July 2005*

*Metal Roofing Magazine* was born as a supplement to *Rural Builder* magazine in 1999. A few more supplements were published in 2000.

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Contact Karen Knapstein, [karen@shieldwallmedia.com](mailto:karen@shieldwallmedia.com), forwarding all the information you have about the materials used, challenges faced, and a few high-resolution photos. In the meantime, enjoy a bit of metal roofing history!

## 5-V Crimp Panels

A look back at this versatile through-fastened panel

It may be the most versatile through-fastened metal roofing panel. It's on everything from tobacco barns and chicken coops to condominiums and million dollar homes. Yes, 5-v crimp panels can do it all, and have been for possibly more than 100 years.

Jim Horton, vice president of research and development at Southeastern Metals (SEMCO) says 5-v is an old classic. "The first two metal roofing profiles that were patented were 5-v and what most people call ridge roll," he says. "Obviously, it's called 5-v because of the five v-shaped ribs, which were added for rigidity. The biggest innovation for 5-v was the anti-siphon groove (between the two outer v-shaped ribs). Whenever you have sidelaps, you get the capillary action that allows water between the panels. With the anti-siphon groove, that water drains off the roof without getting under a panel.

"When we install 5-v, we put the fasteners in the top of the (overlapping

panel's) inside rib to keep the penetration away from the water."

Horton says one of the biggest mistakes made when installing 5-v crimp is putting the fastener in the outside rib. The groove between the double Vs on each side of the panel is to siphon water captured by capillary action off the roof. Putting a fastener in the outer panel places the penetration between the siphon groove and the outer edge of the panel — where water can get at it.

"With the 5-v panels, with the wind upload requirements, you have to run fasteners 16 inches on center all the way up the panel in high wind areas," says Horton. "Inland, you can run fasteners 3 or 4 feet on center, so they're not so noticeable."

Several manufacturers have altered the original profile to create a larger anti-siphoning channel. McElroy Metal and Wheeling Corrugating panels feature a smaller outer v-rib on the sidelap that ends up under the adjacent panel. When



*Metal roofing manufacturers and installers contend that bare galvanized or Galvalume is the most popular look among homeowners who choose 5-v crimp roofing. It's a look popular along the coast, especially in Florida. DAN'S CUSTOM SHEET METAL PHOTO*

installing 5-v panels with nails, both McElroy and Wheeling recommend going through the ribs; screws with neoprene washers should go through the pans, near the ribs.

Union Corrugating features a “U” over “V” anti-siphoning channel system to provide leak resistance. The outer ribs of the overlapping panel form a shallow u, leaving a v-channel between the ribs of the bottom panel. Union also recommends using 3/8-inch butyl caulk tape on all sidelaps, especially for shallow roofs. The important thing to remember is to not block the siphon channel with the tape.

Thom Wheeler, intern architect and president of archDesign in New Smyrna Beach, Fla., works with a 5-v system from Englert. He says there is a segment of homeowners and architects that require concealed fasteners, although he prefers the 5-v roofing panels. “I like the look of it,” he says. “It’s basically the most economic metal roof.”

Economics plays a big part in the love affair with 5-v, according to Danny Osborne of Dan’s Custom Sheet Metal in Naples, Fla. “It’s an exposed fastener, so it’s less expensive,” he says. “You get all the benefits of metal and the same look as standing seam.”

Osborne says labor costs are considerably less because it installs faster than standing seam. Osborne manufactures his 5-v with machines from Roll Former.

Horton believes 5-v reached its peak in popularity a few years ago, and now some of the snap-lock panels are edging it out because they have concealed fasteners.

## Who loves 5-v?

Most 5-v panels and 5-v roll formers are sold in Florida. It is most popular on the Cracker style houses with large porches.

“In a nutshell, the 5-v crimp roof was found on the old farmhouse and chicken coop,” says John Dumke of Roll Former. “Today, it’s still used on the old farmhouse and chicken coop, but



*Some homeowners have discovered that 5-v crimp roofing is an economical alternative to mechanically seamed standing seam roofing. They get many of the same benefits and aesthetics, only with an exposed fastener. FABRAL PHOTO*

it’s also on the \$300,000 and \$400,000 condominiums as well as million-dollar homes. And it’s the externally fastened, screw-down overlap panel, and they’re putting it on whatever. They call it the old Florida look.”

The Cracker house was originally a wooden shelter built by the early Florida and Georgia settlers. The most noticeable feature of a Cracker style house is its wide porches, sometimes wrapping around three sides of the home. Those porches provided shade for windows and walls, and were almost necessary for survival before air conditioning. The name Cracker is said to come from the early settlers who were ranchers and used the “crack” of the whip to round up their cattle. Native Floridians came to be called Crackers.

Through the years, Roll Former’s 5-v machines have been good sellers, but lately have become even more popular. “Ninety-nine percent of them are going into Florida, and unfortunately, it’s because four hurricanes visited Florida last fall,” Dumke says. The Roll Former machines can run coil anywhere from

14 to 28 inches wide. The most popular is 27-1/2-inch coil that makes a 26-inch panel. With a 1-inch overlap on both sides, you get 24 inches of coverage.

“It’s popular in the south, particularly in the southeast; and, to some extent in the northeast,” says Bill Croucher of Fabral. “It’s because of the old residential look. It’s not used much in architecturally specified jobs. It’s got a very clean look, a wide flat pan and just a couple of inverted Vs. It’s not real busy. It works well over a solid deck most commonly used in residential applications.”

Croucher says 5-v roofing is most popular in unpainted, galvanized or Galvalume. “They just prefer that look,” he says. “We offer it in a variety of colors, but it’s most popular in unpainted.”

The bare metal provides the more traditional look homeowners are after. Hot-dipped galvanized steel roofing provides the sacrificial protection of zinc, a beneficial quality in coastal areas where metal is subjected to corrosive saltwater air. Galvalume, an aluminum-zinc alloy-coated carbon steel, combines the barrier corrosion of aluminum and



the sacrificial protection of zinc.

“We have one branch in Wilmington (N.C.) where people are just in love with the 24-gauge Acrylume,” says Keith Coombs of Coastal Metal Service in Goldsboro, N.C. “They’re selling a whole pile of that stuff. People see it on one house and they want it on theirs. The painted 5-v is popular, too, but in Wilmington, it’s the Acrylume.”

Osborne concurs: Bare Galvalume is the most popular for his customers. The four most popular colors are white, Sierra tan, forest green, and light blue.

### The old and new

In a pre-World War II catalog from Wheeling Corrugating, one of the roofing panels offered is a v-crimped beaded panel. The 24-inch panel, available in 24-gauge and lighter, features one “v” on each sidelap with two beads to a sheet, 8 inches apart. “The beads stiffen the sheets and present a nice appearance,” according to the catalog. The panel is designed so one “v” overlaps the “v” on the adjacent panel.

Coombs says 5-v panels in North Carolina date back to the 1800s, when it was used on tobacco barns, so most of the attraction has to do with tradition — 75 percent of the 5-v panels Coastal Metal manufactures are for residential applications. “Even on some of the more expensive houses, that’s what they want on it now,” Coombs says.

To someone who has never lived along the southeast coast, the unpainted look may give the impression of an inexpensive tin roof, more suited for tobacco barns, chicken coops, or whatever out building they can name. Some of those people are coming around.

“It’s a very, very old product, and we never thought we’d have 5-v in our line, until we saw how popular it was in southeast coastal areas, and it’s almost all residential,” says Ken Gieseke of McElroy Metal. “It’s just a look people like.”

He says the revelation hit McElroy about eight years ago. Green may be the most popular color for 5-v panels, but



*This residence in New Smyrna Beach, Fla., was recently re-roofed in 5-v Galvalume. It is a 750-square foot wood-frame Cracker shotgun, with two bedrooms and one bath, built in 1918. The roof, installed as part of a complete renovation, is sloped at 4:12 with 5-v installed over 1x4 sleepers over 2-inch rigid insulation over the existing 1x4 heartpine decking. ARCHDESIGN PHOTOS*

like most manufacturers, the highest demand for McElroy is for unpainted, acrylic-coated Galvalume. “It’s a through-fastened panel, easy to install, 24 inches wide, so it comes together real quick. It has an aesthetic appeal that’s very popular in coastal areas,” he says.

Another manufacturer to jump on the 5-v bandwagon is Englert. “Our approach was always that we weren’t interested in the ag or utility panel market,” says Kevin Corcoran, Englert’s vice president of corporate development.

But Corcoran toured the four hurricane zones in Florida and Alabama last fall and was surprised to see 5-v crimp panels on multi-million dollar homes. “Those people can afford to put any kind of roof on their house they want to and they were installing 5-v crimp,” he says. “So we took another look at that market.”

Englert put together a 5-v crimp program for a good customer in Florida with machines from Roll Former. “What we did differently was offered a premium product,” Corcoran says. “We use

architectural details on the eaves, rakes, valleys, the whole thing. It’s a 24-gauge Galvalume or Kynar-painted Galvalume, no SMPs or modified SMPs, strictly Kynar.”

The customer was using a 24-inch coil to produce a 21-inch pan from eave to ridge. Englert handles machines and coil for 5-v crimp in 26- and 24-gauge steel, as well as .032 aluminum.

What is the Florida fascination with 5-v crimp? Corcoran is first to admit it’s not based on performance. “When you’re dealing with exposed fasteners, over the course of time you’re going to have holes elongating,” he says. “It’s just the look, that Florida Cracker or Key West look. You drive south of Tampa, along the coast, you see it on most of the outrageously expensive houses. There are certain parts of Florida they like it as a bare metal. It’s driven by history and driven by architects.”

History, tradition, architects, or just keeping the chickens dry — 5-v roofing can get the job done. **MR**



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# project of the month



## Faith In Metal

Leola, Pennsylvania, church topped with 240 squares of new Snap LOC

**T**he church roof was needing replacement due to a premature failure of the existing asphalt shingles due to high winds and poor original installation. Metal was selected as the most sustainable, economical and viable option to eliminate as many maintenance issues as possible, and it was aesthetically pleasing to the majority of the church. A Textured Charcoal was utilized as it mimicked the coloring of the slate that would have been on the old portion of the church. In addition, the congregation liked the functionality and beauty of the snow guards. [MR](#)





---

**Project Overview**

**Location:** Leola, Pennsylvania

**Contractor/Installer:** Glenwood Metals

**Roof Size:** 240 squares

**Roof Panels:** True Legacy Metals 1 1/2" Snap LOC, 16" wide, New Tech

**Coating:** Sherwin-Williams Coil Coatings Textured Charcoal

**Ventilation:** Snap-Z

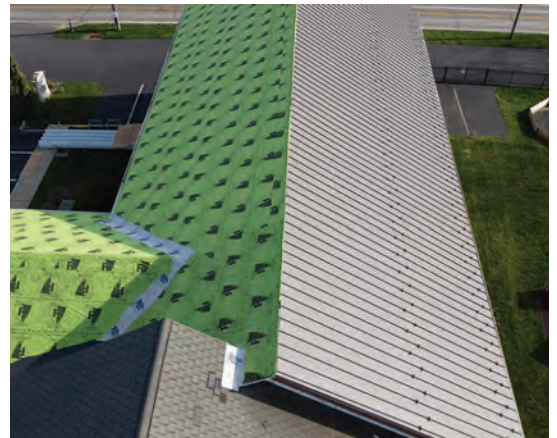
**Fasteners:** Levi's Building Components Pancake Head Screws

**Snow Mitigation:** Levi's Snow Defender 7500, Textured Charcoal

**Underlayment:** Levi's Roloshield Extreme and Prime SA

**Sealants:** Titebond; GSSI Butyl

---



# 2025 CSI Survey Results Are In

**T**he survey for the 2025 CSI-Annual & Market Report is closed and we are combing through the results.

The first statement is that we are making progress. This year, we have over 500 respondents, which is approximately a 40% increase over last year. More respondents equals better and more usable data, so PLEASE SHARE OUR SURVEYS! The data is all available free to subscribers, so help us help you be successful.

## General Business Sentiment Is Up Compared to 2024

32% of respondents thought 2024 would be better than 2023. For 2025, that number increased to 38.8%. Fewer people predict a decline for 2025, and fewer people also stated they are “Unsure.” So sentiment is positive, and there is less uncertainty about 2025.

## There Were Marked Differences Based On the Primary Area of Construction

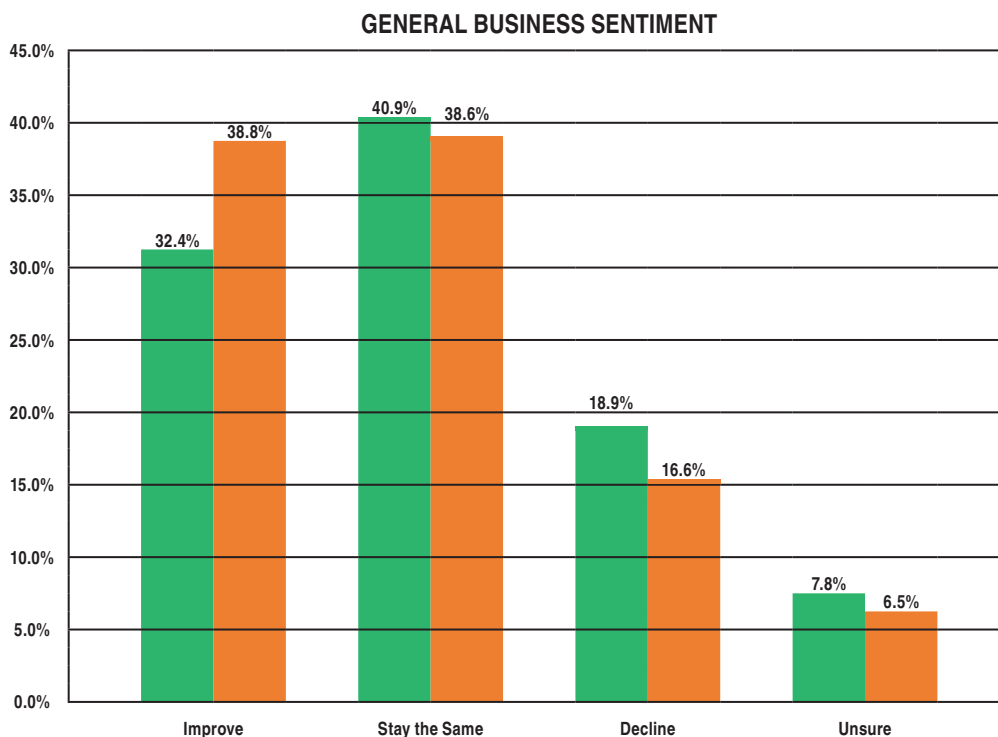
Roll formers had the most positive outlook. 50% of roll formers believed business in 2025 would improve. This was followed closely by metal roofing (43.2%), sheds and portable buildings (42.9%), and general roofing (41%).

Interestingly, roll formers were the only category with 0 respondents saying they were uncertain or there would be a decline.

Cold-formed metal buildings are anticipating a generally good year. 58.1% said 2025 would be like 2024. Combining this with 35.5% looking for an increase, that makes 93.6% who say 2025 will be the same or better than 2024.

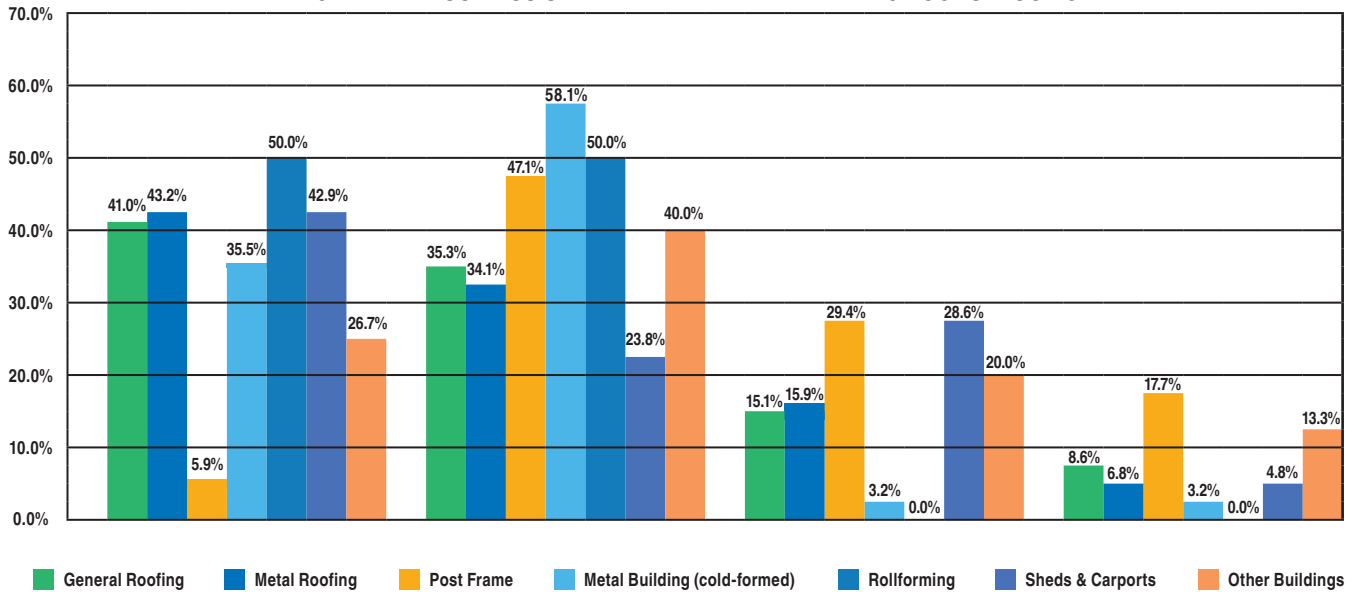
## Geographic Location Had Minimal Impact on Outlook.

All regions had similar opinions about 2025. 35-42% are predicting an increase. 33-42% are predicting the same. 12-20% are predicting a decrease. In all cases, the spread is less than 10%.

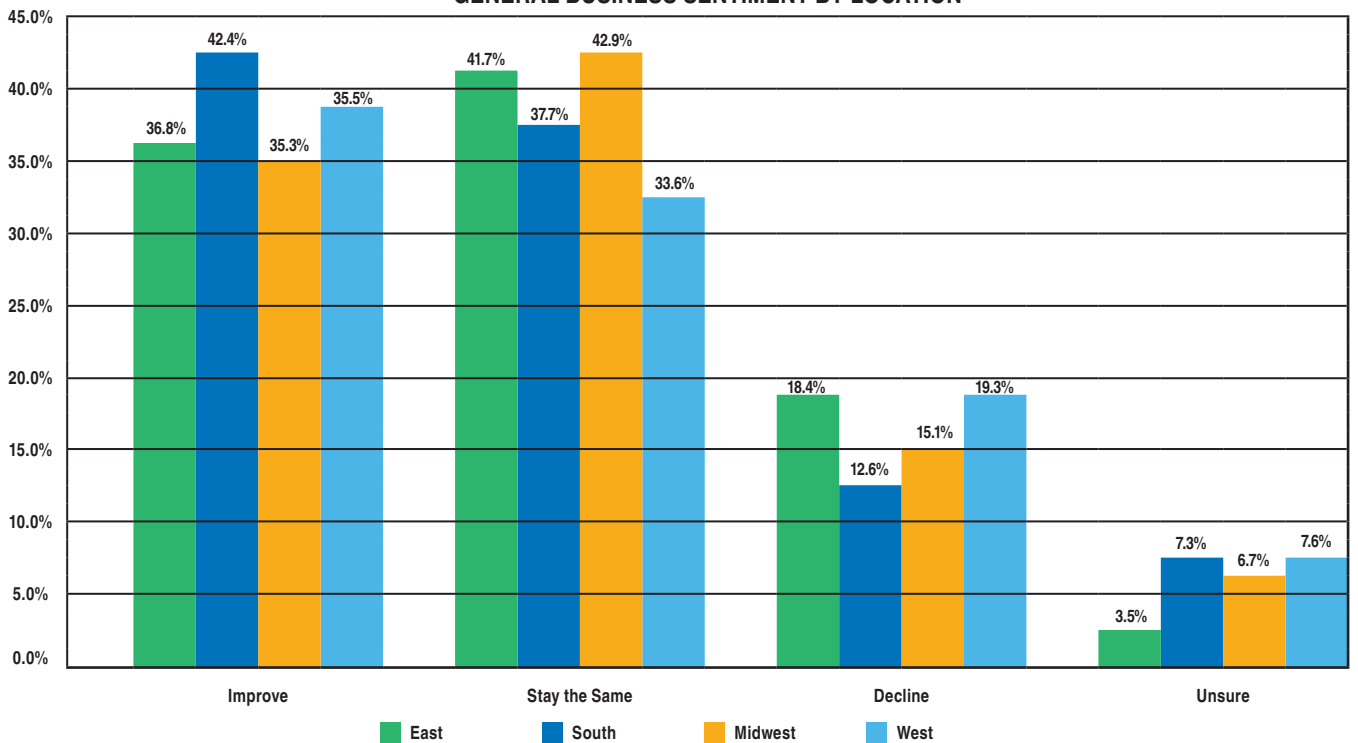




GENERAL BUSINESS SENTIMENT BY PRIMARY AREA OF CONSTRUCTION



GENERAL BUSINESS SENTIMENT BY LOCATION



## The Positive Outlook for 2025 Is Coming Off a Reasonably Good Year

45% reported increased gross sales and number of units sold for 2024 vs. 2023. 40% reported an increase in profitability vs. 2023.

## The Biggest Challenge Of 2025

The number one concern by a fair margin was cost of materials

(51.4%), followed by inflation (33.9%), and taxes (27.0%).

2025 is looking like it might be a good year. More detailed information is available in the *2025 CSI – Annual & Market Report*, which is polybagged with this issue. Please share the information, share the surveys, consider sponsoring a section in the future, and help us get you the information you need to make good business decisions. If you are interested in sponsoring a section in the 2026 CSI report, email [gary@shieldwallmedia.com](mailto:gary@shieldwallmedia.com). **MR**

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**NAIL APPLICATION  
OF ASPHALT SHINGLES**

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# CONTENTS

## FEATURES

- |  |   |
|--|---|
| <b>4</b> Joe Knows:<br>Membrane end lap placement            | <b>12</b> Battling Biologics<br>Fighting moss & algae                   |
| <b>4</b> New Products  | <b>13</b> Supplier News   |
| <b>6</b> Tech Report<br>Nail application of asphalt shingles | <b>14</b> Safety Update<br>Extreme weather workwear                     |
| <b>8</b> Underlayment 101<br>A guide to some of the basics   | <b>16</b> Project of the Month<br>Courtesy of Roof Champion of Columbus |
| <b>11</b> PVC Fire Resistance                                |   |

## EDITOR'S NOTE

BY KAREN KNAPSTEIN

## WANTED: Beautiful Roofs

I'm pleased to bring you another edition of Roofing Elements. I'm especially excited about this edition's Project of the Month, which you'll find on pages 16-17. As you'll see, the project has a great story behind it. Upon receiving notification of how much his insurance company was going to pay for his roof's hail damage, something didn't seem right to the owner ... the proposal was "alarmingly low." Read the story to learn about where he turned for help and see his new roof.

The reason I mention the above project, it's everything we look for in a Project of the Month. It ticks all the boxes:

- ☑ Interesting story
- ☑ Great photos
- ☑ List of materials used.

This edition is only the first of four in 2025. That means there are three more opportunities for YOU to contribute a recently completed (within the last couple years) roofing project to be published as a Project of the Month.\* And best of all, this is a free

editorial opportunity. Your company and the work you do can be published in a nationally distributed magazine and it won't cost you a dime.

Contributing a project is easy. To recap the requirements: We need 3-5 high resolution photos, a list of materials used in the roof (the more comprehensive the better), and a brief description of the project. We've even launched a convenient online portal at <https://bit.ly/roofstar> so all you need to do is fill in the blanks!

Don't wait! There are only three more opportunities to get a (non-metal) Project of the Month published in 2025. (To contribute a metal roofing project to be published in Metal Roofing Magazine, visit <https://bit.ly/MRstar>.)

I hope to see your roofs soon! Until next time — be well.

— Karen Knapstein, Editor

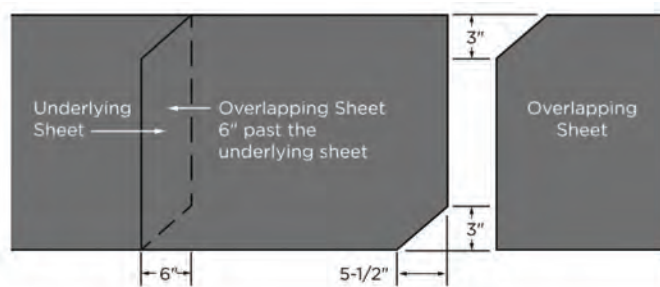
*\*Submission is not a guarantee of publication. Things that help you get selected: Complete information, clear photos, and a good story!*



# JOE KNOWS: THE IMPORTANCE OF MEMBRANE END LAP PLACEMENT

The correct placement of end laps is essential to creating watertight self-adhered roofing systems. Here are some quick tips to keep in mind:

- Make sure all side and end laps are installed with the slope of the roof to ensure that no laps are installed against the flow of water.
- During installation, be aware of end lap placement of the base or interply and cut sheets to length as needed to ensure a 3' offset.
- The end lap should be 4" for base sheet and interply and 6" for cap sheets.
- Cut the corners of the end lap at an angle, alternating sides between the underlying sheet and the overlapping sheet as shown in the diagram. ●



Joe Thompson is a key member of the CertainTeed Commercial Roofing Technical Services team and leads installer training courses, which are held throughout the U.S.

## NEW PRODUCTS



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# TECH BULLETIN

## NAIL APPLICATION OF ASPHALT SHINGLES

By The Asphalt Roofing Manufacturers Association (ARMA)

**Editor's Note:** The Asphalt Roofing Manufacturers Association (ARMA) has prepared many technical reports to aid roofers in the proper installation of various asphalt roofing systems. ARMA [<https://www.asphaltroofing.org/>] has granted Roofing Elements Magazine permission to publish this report for the benefit of roofers.

The International Building Code (IBC) and the International Residential Code (IRC) require that roofing nails be utilized to fasten asphalt shingles. Proper nailing is essential to good performance. To ensure proper nailing during shingle application, it is required that you follow the shingle manufacturer's instructions and also consider the IBC, IRC, National Building Code of Canada (NBCC), and other applicable codes. The Asphalt Roofing Manufacturers Association (ARMA) supports these requirements (several referenced below) and additional installation recommendations as outlined below.

- Nails are required to have a minimum nominal shank diameter of 12 gauge (0.105") (2.7 mm) and a minimum head diameter of 3/8" (0.375") (9.5 mm). See Figure 1 for an example.
- Nails are required to be corrosion-resistant galvanized steel, stainless steel, aluminum, or copper roofing nails. Galvanizing by various processes is the typical means of achieving corrosion resistance. Aluminum roofing nails do not require additional coatings for corrosion resistance.
- Select nails long enough to penetrate at least 3/4" (19 mm) into the roof deck. If the deck sheathing is less than 3/4" (19 mm) thick, use nails long enough to penetrate through the roof sheathing at least 1/8" (3 mm). In determining nail length, consider the number of layers of shingles,



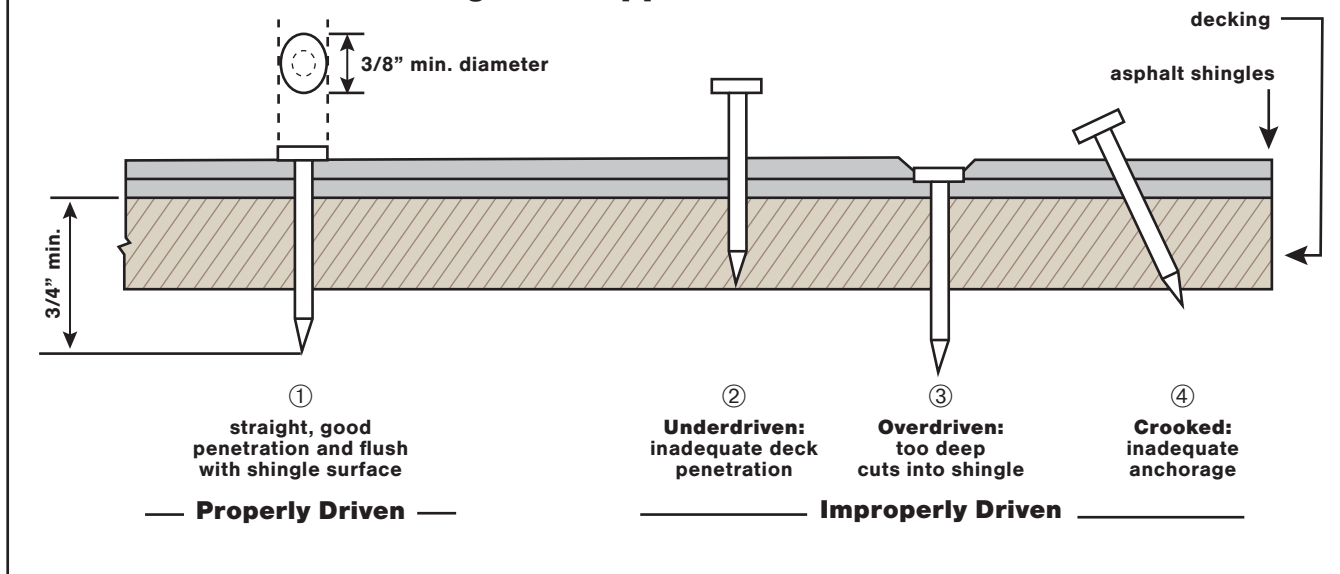
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- shingle thickness(es), underlayment, hip and ridge caps, and flashing (eaves, rakes, sidewall, valley, etc.).
- If the underside of the deck is exposed to view, using nails of the recommended length will result in the nail points penetrating through the deck and being exposed to view. Consult the roofing material manufacturer and building code requirements for approved alternatives if visible nail points are considered aesthetically objectionable.
- All nails are to be driven by hand or with a pneumatic nailing tool that has been properly adjusted to drive the nails correctly. Failure to use a properly adjusted pneumatic air

**\*DISCLAIMER OF LIABILITY:** This document was prepared by the Asphalt Roofing Manufacturers Association and is disseminated for informational purposes only. Nothing contained herein is intended to revoke or change the requirements or specifications of the individual roofing material manufacturers or local, state and federal building officials that have jurisdiction in your area. Any question, or inquiry, as to the requirements or specifications of a manufacturer, should be directed to the roofing manufacturer concerned. THE USER IS RESPONSIBLE FOR ASSURING COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS.

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**Figure 1: Application of Nails**



COURTESY OF THE ASPHALT ROOFING MANUFACTURERS ASSOCIATION

system can lead to problems, including, but not limited to, sealing failures, raised tabs, distortions, and blow-offs of shingles.

- For most asphalt shingles, a minimum of four nails is required per full-size strip shingle. For some shingles and application circumstances, the required number of nails may be different. Follow the specific installation instructions of the shingle manufacturer to ensure the intended performance and compliance with building codes.

## PLACING AND DRIVING NAILS

Nails that are improperly located and/or driven can lead to sealing failures, blow-offs, raised tabs, and buckling. The following practices reflect the general recommendations of most shingle manufacturers. Follow the specific installation instructions of the shingle manufacturer.

Align each shingle carefully. Whenever possible, make sure that no cutout or end joint is less than 2" from a nail in an underlying course. Start nailing from the end nearest the previously installed shingle and proceed across. This will help prevent buckling. To help prevent distortion, do not attempt to realign a shingle by shifting the free end after more than one nail is in place.

## CRITICAL ASPECTS OF NAIL PLACEMENT INCLUDE:

- Never place nails where they will be fully or partially visible after the roof is complete.
- For most shingles with sealant on the top surface, place nails below the sealant strip but above the area that will be

visible after the roof is complete.

- Shingles with sealant on the back surface often have a line or lines to indicate the location where the nails are to be placed on the shingle surface.
- For multi-layered laminated shingles, manufacturers may require the nails to be positioned so they penetrate both/all shingle layers. Consult manufacturer's instructions for specific nailing placement/pattern.
- No nail head should be less than 1" (25 mm) from either end of the shingle. The manufacturer's installation instructions typically include specific recommendations for positioning the nails across the shingle.
- Do not drive nails into knot holes, cracks, or spaces in the roof deck.
- Nails are to be applied so the entire head bears tightly against the shingle.

Nails are not to be underdriven, overdriven (to break or cut into the shingle), or driven crookedly. See Figure 1 for examples of properly and improperly driven nails.

Repair incorrectly applied nails immediately. Underdriven nails can be tapped down. Remove overdriven or crooked nails, repair the hole with asphalt roof cement complying with ASTM D4586, and place another nail nearby. If this is not practical, replace the entire shingle.

Consult the ARMA Residential Asphalt Roofing Manual for additional information regarding application of asphalt shingles. ●



# UNDERLAYMENT 101

## UNDERLAYMENT TYPES AND THEIR COMMON USES

**A**s roofing professionals, you know that the roof system is only as strong as its weakest link. While most of the focus is often placed on shingles, tiles, or metal panels, there's another critical layer that's just as important in ensuring the longevity and performance of the roof: the underlayment. It's the unsung hero of the roofing system—providing an extra layer of protection against the elements, moisture infiltration, and even contributing to energy efficiency.

With the variety of roofing materials on the market today, it's important to understand which underlayment works best for different roofing systems and conditions. Choosing the right type of underlayment, always following local building codes, not only improves the performance of the roof but also helps meet building codes and delivers long-lasting protection for homeowners. In this article, we'll break down the most common types of underlayment used in various roofing systems and why certain options are better suited for specific roofing materials and climates.

### THE BASICS OF ROOF UNDERLAYMENT

Before we dive into the different types of underlayment, it's important to understand what an underlayment does. Roof underlayment is a layer of material installed directly onto the roof deck before the roofing material (like shingles or metal panels) is



**MFM Building Products Wind & Water Seal.** PHOTO COURTESY OF MFM BUILDING PRODUCTS



**Titanium X30 underlayment.** PHOTO COURTESY OF OWENS CORNING/TITANIUM

installed. Its primary purpose is to provide a secondary barrier against water infiltration, prevent leaks, and protect the roof deck from damage.

Underlayments also enhance air flow which keeps the roof cooler and extends the life of the finished roofing system.

Additionally, when addressing fire resistance in steep-slope roof installations, there are just a few products. One is a nail-down coated fiberglass product that has been in the market for some time. Plus, there are two relatively new asphalt-based self-adhered roof underlayments. This is an important niche that has become a focus after the recent, devastating fires in Hawaii, California, etc.

Choosing the right underlayment is critical, and it's a decision that varies depending on the roofing system, the climate, and the unique needs of the building. Now, let's take a closer look at the various underlayment options available and their best applications.

#### 1. Asphalt-Saturated Felt

**Composition:** Asphalt-saturated felt, often called "organic felt," is made from paper or fiberglass saturated with asphalt. It's available in two primary weights: #15 and #30 felt, with the heavier #30 variety offering more durability.

**Best For:** Traditional asphalt shingle roofs, in moderate climates.

**Why It Works:** Asphalt-saturated felt has been the industry standard for years and is commonly used beneath asphalt shingles. It provides a reliable moisture barrier, especially in moderate climates where rain isn't excessive and temperatures don't fluctuate dramatically. The #30 felt offers increased resistance to tearing. While #30 felt is better than #15 felt, neither does well in windstorms.

**Limitations:** In climates with high humidity or heavy rain-



## ADDITIONAL RESOURCES

CertainTeed • [www.certainteed.com](http://www.certainteed.com)  
 Kirsch Building Products • [www.sharkskin.com](http://www.sharkskin.com)  
 Levi's Building Components • [www.levisbuildingcomponents.com](http://www.levisbuildingcomponents.com)  
 MFM Building Products • [www.mfmbp.com](http://www.mfmbp.com)  
 MWI Components • [www.mwicomponents.com](http://www.mwicomponents.com)  
 Owens Corning/Titanium • [www.owenscorning.com](http://www.owenscorning.com)  
 Underlayment Specialties Plus • [www.uspunderlayment.com](http://www.uspunderlayment.com)

fall, asphalt-saturated felt may not be the best option. Over time, it can degrade due to moisture absorption, and it tends to tear easily when compared to synthetic alternatives. Its limited water resistance means it may not provide adequate protection in extreme conditions.

Saturated felts also are susceptible to wind damage, often ripping off sections of the felt leaving the roof deck unprotected. Also, felts do not offer much resistance to UV rays, so they need

to be covered as soon as possible.

### 2. Synthetic Underlayment

**Composition:** Synthetic underlayment is made from materials like polypropylene or polyethylene. It is lightweight, tear-resistant, and often comes with a slip-resistant surface, making it easier to handle during installation. Some versions are breathable, allowing moisture to escape from beneath the roofing material. As asphalt shingles and standing seam metal roofs are considered "vapor bar-

## Fasteners

Levi's Hi-Lo screws are some of the best in the industry. They are sharper, drill better, and the cut point is true. The paint stays on when installing and builders prefer Levi's "true" sizing and Hi-Lo threading for better holding power and easy installation. Choose from 40 plus in-stock colors that can ship immediately or specifically color match and still receive timely shipping.

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riers,” creating an air gap above breathable roof underlayments should be considered.

**Best For:** Asphalt shingles, metal roofs, and tile roofs in various climates.

**Why It Works:** Synthetic underlayment is a significant upgrade over asphalt-saturated felt due to its superior durability and resistance to both UV rays and moisture. It is ideal for regions with variable weather conditions, as it provides better protection against water infiltration. Furthermore, synthetic underlayment is much lighter and easier to install, saving time during the roofing process.

**Limitations:** Synthetic underlayment offers great performance, but it may come at a higher cost than asphalt-saturated felt. Number 30 felt has become more expensive than many synthetic roof underlayments. The best practice is to install a premium synthetic roof underlayment — not commodity-based synthetic roof underlayments installed beneath most asphalt shingle roofs. Its long-term benefits—such as superior durability and better protection—often justify the extra investment. Additionally, while it is more water-resistant, it isn’t entirely waterproof. All nailed in place roof underlayments should be installed at 2:12 or greater pitch per building codes.

### 3. Self-Adhesive Underlayment

**Composition:** Self-adhesive (self-adhering) underlayment can be made from rubberized asphalt or other synthetic material and features an adhesive backing that sticks directly to the roof deck. All self-adhering/peel-and-stick roof underlayments have a poly and/or paper-based release liner. Some have a split release to offer additional ease in installation.

It is often used in high-risk areas that require extra waterproofing or beneath metal roofing systems that require an underlayment that can withstand high temperatures. Synthetic butyl/ butyl adhesives work better in elevated temperatures, like under standing-seam metal roofs in hotter climates. Some synthetic butyl self-adhered roof underlayments can be installed at colder temperatures than asphalt-based peel and sticks, without the need of priming the substrate.

**Best For:** High-rainfall regions, areas prone to ice dams, and

any part of the roof that requires extra protection from water infiltration.

**Why It Works:** Peel-and-stick underlayment is an excellent option for areas with frequent rain, snow, or ice, as it provides superior waterproofing and reduces the risk of leaks in vulnerable areas like valleys, eaves, and around roof penetrations. The self-adhering feature also makes it easier to install and ensures that it stays in place without the need for fasteners.

**Limitations:** This type of underlayment is more expensive than synthetic options and is typically used only in specific situations or areas of the roof that require additional protection. Since it comes at a higher cost, it’s essential to assess the project to determine where it’s most beneficial.

## CONCLUSION

For roofing professionals, using the proper underlayment is essential to ensure the roof system delivers long-term protection and performance. In moderate climates, traditional asphalt-saturated felt remains a reliable option beneath asphalt shingles. However, when weather conditions become more variable, synthetic underlayment offers enhanced durability and water resistance. For regions prone to ice dams and heavy rainfall, self-adhesive underlayment provides a robust, waterproof barrier that effectively shields the roof deck.

Understanding the structure’s specific needs, the local climate, and the demands of the roofing system is key. By using the right underlayment, you not only protect the roof from moisture and damage but also enhance its overall resilience and longevity. Ultimately, the correct underlayment is a vital component of a successful roofing system, ensuring that every layer works together to deliver lasting performance.

A key point for self-adhered underlayments is knowing that they are vapor barriers and require proper ventilation to prevent moisture build-up inside the structure leading to mold formation.

The final word: Always understand the specific installation instructions from the manufacturer. Manufacturers provide minimum installation temperature, service temperature, allowable UV exposure, and sealant directives. ●



MWI Components offers several synthetic and self-adhering underlayment products. Photo courtesy of MWI Components.

# PVC FIRE RESISTANCE

## SLOW TO CATCH AND SPREAD; SELF EXTINGUISHING

**A** principle of building material sustainability that isn't talked about enough is durability. After all, a material that is long-lasting requires replacement less often than other materials that perform the same function. Because PVC roofs last longer and are replaced less frequently than many roofing materials, that means less virgin materials being used to produce new roofs and less materials going to the landfill.

PVC roofs have passed applicable FM and UL tests for Class A and B roof assemblies for high and low slope roof applications. UL and FM ratings are specific to individual roofing membrane manufacturers. Check with each company's technical department for company-specific ratings.

PVC (vinyl) roofing has the distinct advantage of being made from recycled material and being recyclable at the end of its useful life. It is also durable. Case in point: its fire resistance.

According to the Vinyl Roofing Division of the Chemical Fabrics and Film Association (CFFA-VRD; <https://vinylroofs.org/>), PVC roofing does not support combustion. It is a naturally fire-resistant polymer, making this cool roofing material slow to catch or spread fire — and self-extinguishing when the source of heat or flame is removed. PVC roofs have passed both FM and UL fire testing.

PVC's dramatic fire-resistant properties were tested by Southwest Research Institute's Fire Technology Department. The test compared the behavior of three common commercial single-ply

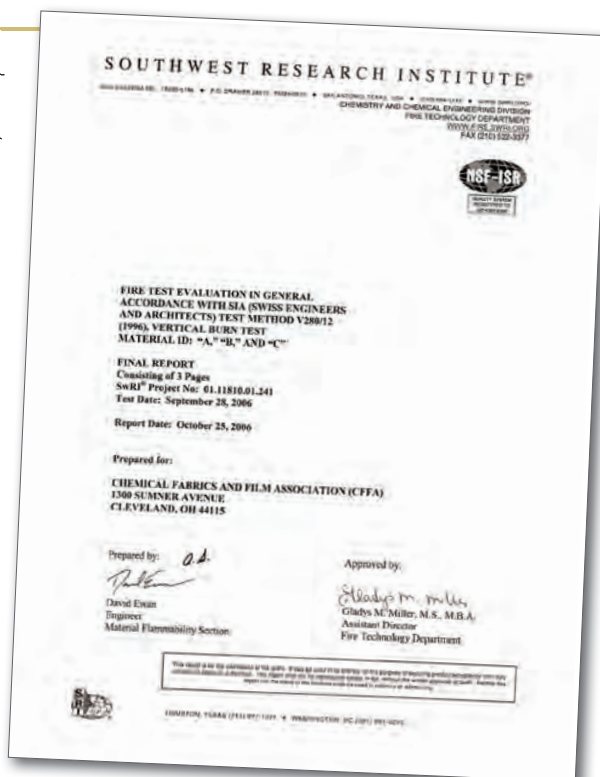


roofing materials — vinyl/PVC, TPO, and EPDM — after being ignited by a Bunsen burner flame.

In the test, the PVC roofing sample self-extinguished in seconds (13 seconds in one, 12 seconds in the other) after the flame

source was removed, while the other two samples continued to burn for between three and six minutes before they were completely consumed. [More information: <https://vinylroofs.org/durability/pvc-fire-performance/>.]

This fire resistance is just one aspect of PVC roofing's durability and sustainability. Its heat-welded seams form a permanent, watertight bond that is a major advantage over commercial roofing systems that rely on adhesives, tapes, and caulks to seal the seams. It meets or exceeds wind uplift requirements, with many PVC membranes surviving the onslaught of hurricanes. After a long service life, PVC roofing can be recycled, and new PVC roofing and other high-value, non-roofing products can be made with these recycled components. ●



Fire test evaluation report cover.



# MOSS MADNESS

## GUARDIAN ROOFING'S EXPERT APPROACH TO COMBATING MOSS & ALGAE IN THE PACIFIC NORTHWEST

**R**oofing professionals in the Pacific Northwest understand the persistent challenge that moss and algae present due to the region's unique climate. With high moisture levels and frequent rainfall, roof maintenance is essential to preventing the damp conditions that foster moss and algae growth. Guardian Roofing, Gutters & Insulation, a trusted name in roofing and home services, has developed specialized strategies to help property owners maintain the integrity of their roofs.

"Roofs retain moisture, particularly in shaded areas, allowing moss to take root," explains Matt Swanson from Guardian Roofing. "Unlike hotter regions where sunlight can dry and kill moss, the Pacific Northwest's cooler temperatures keep surfaces damp longer. Tall evergreen trees and overcast skies mean many roofs receive limited direct sunlight, preventing them from drying out. North-facing and heavily shaded areas are especially vulnerable to moss and algae accumulation."

When conducting roof inspections, Guardian's experts assess critical design factors that contribute to moisture retention. Low-pitch roofs tend to hold water longer, accelerating moss growth. Additionally, poor drainage and clogged gutters exacerbate the problem by trapping excess moisture on the roof's surface.

"The structural and aesthetic damage caused by moss and algae can significantly shorten a roof's lifespan," continues Swanson. "Moss roots can lift shingles, leading to leaks and water damage, while algae create dark streaks that not only reduce curb appeal but may also impact home value. DIY removal can be hazardous due to slippery conditions and roof height, which is why we always recommend a professional inspection in the spring to mitigate potential problems before they worsen."

Guardian Roofing's comprehensive assessment process includes evaluating moss and algae growth, checking for roof damage such as lifted shingles, leaks, degranulation, and clogged gutters. Based on the roof's material and condition, a customized treatment plan is then implemented to restore and protect the roofing system.

"The best way to prevent moss is through consistent maintenance, keeping roofs free of dirt and debris," advises Swanson.



"We recommend an annual full roof inspection and moss treatment. However, homes in heavily wooded or shaded areas may require cleaning every six months. The team at Guardian is committed to helping homeowners in the Pacific Northwest preserve their roofs, ensuring durability and peace of mind year-round."

By staying proactive with regular inspections and treatments, roofing professionals can help homeowners combat moss and algae, extending the longevity of their roofing systems in this moisture-rich environment.

### About Guardian Roofing, LLC

Founded in 2005, Guardian Roofing, LLC is an award-winning professional roofing contractor in the Portland and Seattle markets including the Washington State counties of King, Pierce, Snohomish, Kitsap, Clark, and Thurston; and now Oregon counties of Marion, Washington, Multnomah, Clackamas and Yamhill, serving the entire Pacific Northwest.

Founders Lori and Matt Swanson have more than 60 years of combined roofing experience and employ a team of more than 100 skilled and professionally certified craftsmen who assist customers with their roof, gutter, attic, masonry, and skylight needs. ●



**S-5! Facet Mount™ for single-ply roofs.** Photo courtesy of S-5!

### **S-5! FORMS STRATEGIC JOINT VENTURE TO OFFER FACET MOUNT™ SOLUTIONS**

S-5! announces an exciting new strategic joint venture with Sustainable Technologies, LLC, aimed at driving innovation while expanding its rooftop attachment portfolio.

This collaboration will focus on the research, development and commercialization of the patented Facet Mount™, a universal mounting solution designed for single-ply roofs, including TPO, PVC and KEE. The base component paired with the Facet Cover™ (of material matched to the roof) streamlines the installation of solar panels, fall protection systems, HVAC units and other rooftop accessories, providing an efficient and reliable attachment method for single-ply roof installations.

By supporting the commercialization of Facet Mount, S-5! strengthens its position as a one-stop shop for rooftop attachment solutions, meeting the growing demand in the market when metal roofing is not an option. This partnership will enhance S-5!'s product lineup, providing "best in class" solutions for a variety of roofing applications.

Made from high-pressure cast aluminum, Facet Mount features 12 vertical and 4 slanted mounting points for a total of 16 potential attachment

points to meet highly engineered specifications. It utilizes a 3/8"-16 bolt attachment to allow max equipment attachment flexibility, Facet Mount boasts shear strengths up to 6,750 lbs., and an uplift resistance up to 12,750 lbs.—making it a stand-out product in the membrane roof mount market.

"This joint venture represents a significant step forward in our ongoing commitment to delivering world-class engineered products for architects, contractors, installers, EPCs and other trade professionals," said Rob Haddock, CEO of S-5! "Our shared vision for a greener world is fundamental to this collaboration. By combining our expertise in solar technology, green building, and roofing systems, we are poised to deliver innovative products that set the bar for performance, reliability and sustainability."

Haddock continued, "Our customers often ask if we have a mounting solution for their commercial single-ply roof projects. With 35 years as the global leader in metal roofing solutions, S-5! is now positioned to deliver top-tier attachment solutions for roofing systems beyond metal. This partnership will help shape the future of energy-efficient, sustainable construction, with high-performance products that exceed both industry standards and customer expectations."

"After nearly 20 years of utilizing Facet Mount in internal construction projects and over 10 years of successfully selling it within the renewable energy sector, the management team at Sustainable Technologies sought a strategic partnership to further expand our footprint in the roofing industry," said Todd Lindstrom of Sustainable Technologies. "Having worked alongside the S-5! team for many years and admiring their unwavering commitment to excellence, we are excited to join forces and be part of this promising collaboration."

### **BRAVA MEETS WILDLAND-URBAN INTERFACE (WUI) CODE FOR FIRE-SAFE HOMES**

Brava Roof Tile, a manufacturer of high-performance synthetic roofing in the United States, has announced its three product lines, Slate, Cedar Shake, and Spanish Barrel, comply for use as Class A or Class C roof assemblies, meeting the requirements of the Wildland-Urban Interface (WUI) code. This certification is crucial for homes in wildfire-prone areas, enabling homeowners to meet local building codes while ensuring their properties are protected with fire-resistant materials.

Established in response to the growing threat of wildfires in areas where homes and businesses are built near forests, grasslands, or other flammable vegetation, the Wildland-Urban Interface (WUI) program sets critical building codes and standards designed to enhance the fire resilience of structures in these high-risk areas. As fire seasons have lengthened and become more severe, WUI compliance has become essential for property owners to minimize the risk of fire damage.

With Class A and Class C fire ratings, Brava's synthetic roofing materials provide the highest levels of fire resistance, ensuring homes are protected from embers and extreme heat. Class A provides the highest level of fire resistance, making it ideal for homes facing extreme fire risk (Class 1 zones). Class C ratings, while still effective, offer a lower level of fire resistance and may be suitable for moderate-risk areas. Beyond fire protection, these durable tiles resist impact, mold, and harsh weather, delivering long-lasting performance even in extreme conditions. ●



# WEATHER EXTREMES

## CHOOSING THE RIGHT GEAR FOR ROOFING IN EXTREME WEATHER CONDITIONS

**R**oofing work is risky, especially during extreme weather conditions. In fact, the US Bureau of Labor and Statistics classifies roofing as one of the deadliest professions after hunting and fishing. [<https://www.bls.gov/news.release/pdf/cfoi.pdf>] Falls from heights and related injuries from working equipment can lead to loss of life, project delays, and unexpected losses.

Proper roofing gear enhances the safety, efficiency, and confidence of workers. Therefore, it's critical for roofing contractors and professionals to equip themselves with the right gear to keep them safe and protected, especially when working under adverse weather conditions.

Read on and learn more about choosing the right roofing gear to ensure safety and compliance in extreme weather.

### UNDERSTANDING THE CHALLENGES OF ROOFING IN EXTREME WEATHER

Extreme weather brings a lot of challenges for roofing contractors and professionals. Adverse conditions like rain, heat, snow, and wind impact the safety of workers. Investing in high-quality gear is essential, and many roofing professionals rely on American-made workwear brands known for their durability and ability to withstand harsh conditions.

Here is a breakdown of specific weather conditions and the challenges they bring.

#### Extreme Heat

Prolonged exposure to excessive



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heat can lead to exhaustion of workers and increase the risk of heatstroke. Additionally, long hours under the scorching sun lead to dehydration, reducing the productivity and concentration.

#### Extreme Cold

Too much cold exposes workers to the risk of hypothermia, especially if their bodies are exposed. Workers may also find it difficult to work with brittle and stiff roofing materials. This reduces their efficiency, making the project more costly.

#### Heavy Rain and Snow

Besides water damage to the roof structure, heavy rain and snow make the working surface slippery. Consequently, movement on the roof becomes difficult, and workers are prone to fatal falls and injuries. Rain also causes poor visibility, making it hard for workers to identify hazards.

#### High Winds

Strong winds can blow roofing

material or knock a worker over. Winds may even cause damage to existing roofing components, making it difficult for workers to handle and secure materials. This leads to prolonged project completion schedules, work injuries, and increased costs.

### KEY FEATURES TO LOOK FOR IN ROOFING GEAR

Choosing the right gear is a major step in ensuring worker safety and legal compliance. [[www.osha.gov/aboutosha](http://www.osha.gov/aboutosha)] Therefore, it's crucial to understand the key features to look for while picking the right gear that will protect your workers against all types of adverse weather.

Here are the key features to look for in roofing gear.

#### Adaptability to weather conditions:

Choose gear according to the weather conditions in your area of operation. If you are working in an area that is cold and snowy, consider gear that has

moisture-wicking material, an insulating layer, and a wool lining to provide warmth.

**Safety features:** Choose gear that aligns with the industry's safety standards. For roofers, you need to look for a gear that has non-slip materials, harness and attachment points, and high adjustability.

**Ease of maintenance and durability:** Choosing high-quality gear ensures that you require no replacements throughout the duration of the project. Also choose crease-resistant and stain-resistant gear for ease of maintenance.

## WEATHER-SPECIFIC GEAR CONSIDERATIONS

Since equipping workers with the right roofing gear is the first line of defense against workplace hazards, it's crucial to choose apparel in accordance with specific weather conditions.

Here are some weather-specific gear considerations to make when choosing roofing apparel.

### Protection Against Hot Sun and Extreme Heat

When working in summer, consider long sleeves and pants that cover large areas of your body. Gear that covers most of your body helps shield you against the scorching sun. Better, look for attire with ultraviolet protection factor (UPF) to protect you from UV radiation.

You should also consider breathable fabrics like cotton to keep you dry in sweaty and humid conditions. Moisture-wicking fabrics like bamboo and polyester are also an excellent choice in hot environments.

### Warm Clothes for Cold Environments

If you are working in snowy, windy, and cold environments, choose gear that has layering of high-performance fabric to improve adaptability. Fabrics that have woolen lining provide warmth without bulkiness.

### Protection Against Strong Wind

Strong winds can send debris, sand, and loose materials flying. Thus, you need gear that can protect you against abrasion from small, flying debris. Wind can also knock workers over. Choose gear that is flexible but not too loose to mitigate the risk of being knocked around by the wind. Ensure the gear has good layering and air gaps to insulate you from the cold that comes along with the wind.

## SAFETY AND COMPLIANCE IN EXTREME WEATHER ROOFING

According to Occupational Health Safety Media, more than 50 roofing workers lose their lives due to work-related injuries every year. [<https://ohsonline.com/Articles/2024/02/26/Improving-Roofer-Safety-in-2024.aspx>] The statistics underscore the need for roofing professionals to adhere to OSHA's safety guidelines for roofing work as well as local building code.

So, how can you ensure you adhere to safety and compliance guidelines in all your projects, especially during extreme weather?

**Monitor the weather:** Keep yourself updated on potential hazards like heavy rain, snow, and high winds. Armed with the necessary information, you can plan ahead and come up with robust measures to ensure the safety of your workers.

**Invest in proper protective gear:** Equip yourself or your workers with the right safety gear according to weather conditions.

**Train your staff:** Regularly train your workers on the best safety practices at work. The training should involve emergency response and procedures.

**Implement fall protection systems:** Ensure you install a comprehensive fall protection system, including warning lines system, harnesses, fall arresters, and safety monitoring systems.

**Establish work stoppage procedures:** Develop clear emergency procedures

when weather conditions become extremely unfavorable. [<https://www.osha.gov/emergency-preparedness/getting-started>] Keep an open line of communication and designate safe retreat areas.

## MAINTAINING AND REPLACING ROOFING GEAR FOR MAXIMUM PROTECTION

Roofing gear must be well maintained and replaced when necessary. A compromised gear poses a serious safety hazard. Here are tips to keep your safety apparel in good condition and safe as you work.

- Check your gear daily after work to ensure it's safe and free from any tears or excessive wear.
- Fix small holes and tears immediately after you notice them or before they grow big.
- Clean your gear regularly following the manufacturer's instructions
- Store your apparel in a safe, dry place away from chemicals and direct sunlight

### Prioritize replacing your roofing gear when:

- It can no longer function as intended. For instance, a damaged waterproof layer on a jacket can no longer give you the needed protection.
- There are severe tears, holes, and frayed seams
- The gear no longer fits you properly
- They are more than one year old.

## FINAL THOUGHT

Roofing is a hazardous job, especially during extreme weather. Heavy rain, extreme heat, snow, and strong winds expose workers to the risk of getting serious injuries or falling sick. Therefore, contractors and roofing professionals must ensure the safety of workers during extreme weather by investing in the proper protective gear. ●



## ROOF CHAMPION TO THE RESCUE

TURNING A SETBACK INTO SUCCESS



**W**hen a severe hailstorm swept through Columbus, Ohio, John's home took a direct hit. Referred by none other than his own insurance agent—who was worried about industry policy changes—Travis Haessly, principal of Roof Champion of Columbus, and his team arrived to find significant damage covering John's large and complex roof. Initially, John's insurance carrier insisted on using a "roofing marketplace" program that relied on captive contractors to generate repair estimates. The proposal John received was alarmingly low at just over \$36,000. Given his background—his father owned an insurance agency, and he himself had served in the CIA and as COO of a major tech corporation—John immediately sensed that something wasn't adding up.

"Armed with Xactimate, a third-party software that calculates local market rates down to each material and labor component, we provided an estimate for the same job that was nearly \$20,000 higher," recalls Travis. "Despite multiple attempts to appeal the claim with real-world data and two additional contractor bids, the insurance company refused to adjust. They insisted on using a contractor located over two hours away, which was hardly ideal for prompt service or emergency repairs." Frustrated but undeterred, John hired an independent appraiser. That decision changed everything: the settlement suddenly jumped to over \$51,000, a clear indication that the initial offer had been grossly undervalued.

Shortly afterward, the insurance adjuster admitted they were disbanding the flawed roofing marketplace program altogether, even apologizing for the inconvenience. Travis

## PROJECT OVERVIEW

### INSTALLER:

The Roof Champion Columbus,  
Columbus, Ohio

### SHINGLES:

Owens Corning TruDefinition  
Duration, Williamsburg, Gray

### STARTER STRIPS:

Owens Corning ProEdge,  
Williamsburg Gray

### VENTILATION:

OmniRidge Ridge Vent w/Screen

### SEALANT:

MasterSeal NP1

### UNDERLAYMENT:

Owens Corning RhinoRoof  
synthetic underlayment

Carlisle WIP 100 granulated  
Ice & Water Shield

### DRIP EDGE:

ACM Aluminum Drip Edge

### OTHER:

Berger Painted Aluminum Trim Coil

Quarrix Smart Plug Roof Patch

Galvanized Steel Base Pipe Flashing



explains, “With the proper settlement finally secured, we installed a stunning Owens Corning Duration Roof in Williamsburg Gray, restoring John’s home to its former glory. Beyond the immediate victory, John’s experience exposed a troubling industry gap—one that has inspired us to consider developing our own transparent and fair marketplace solution for roofing and restoration jobs.” In the end, John’s project was about more than just a replacement roof: it was a testament to how perseverance, expertise, and integrity can overcome even the most stubborn insurance obstacles. ●