



BEHLEN
Building Systems



Good Iron. GREAT Experience!

*The Behlen name is renowned for providing **quality** building systems made by craftsmen with a heritage dating back nearly 80 years. We are “**The GOOD IRON People**” and it shows in every building – every time.*



Behlen has maintained ISO 9001 Certification since 1999 and is the first metal building manufacturer in the United States to achieve International Accreditation Service (IAS) AC472 Accreditation. IAS AC472 accreditation provides assurance a metal building manufacturer has been thoroughly scrutinized by independent non-biased third party auditors and fulfill the special inspection requirements of the IBC.

World Class Quality

Specifically developed for metal building systems, **IAS AC472 Accreditation** provides assurance a metal building manufacturer and its staff have a world class quality system in place for:

- Primary framing fabrication
- Light-gauge welded fabrication
- Cold-formed fabrication
- Engineering

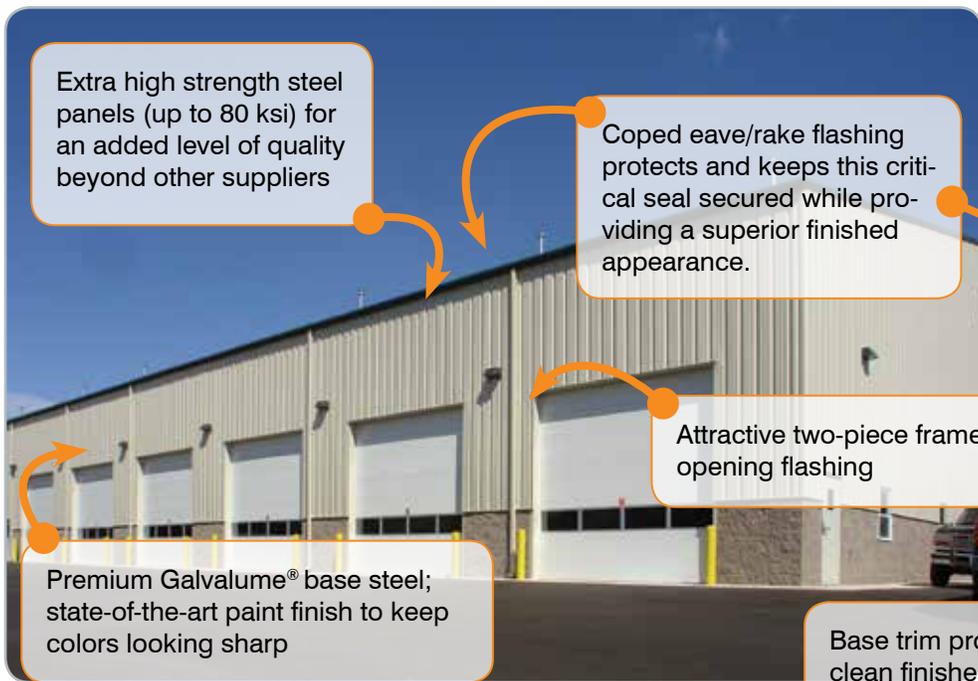
Key Advantages

Behlen Building Systems’ IAS AC472 Accreditation offers

contractors, architects, code officials, and building owners many key advantages that expedite the building process including:

- Compliance with the special inspection requirements in Chapter 17 of the International Building Code®
- Eliminates the need for additional inspections
- Cost savings related to code compliance of metal building fabrication; quicker acceptance of plans by building officials
- Added assurance the metal building manufacturer and its staff have been thoroughly scrutinized by independent non-biased and objective third party auditors

Good Iron. GREAT Experience!™



Extra high strength steel panels (up to 80 ksi) for an added level of quality beyond other suppliers

Coped eave/rake flashing protects and keeps this critical seal secured while providing a superior finished appearance.

Attractive two-piece framed opening flashing

Premium Galvalume® base steel; state-of-the-art paint finish to keep colors looking sharp

Base trim provides a clean finished look

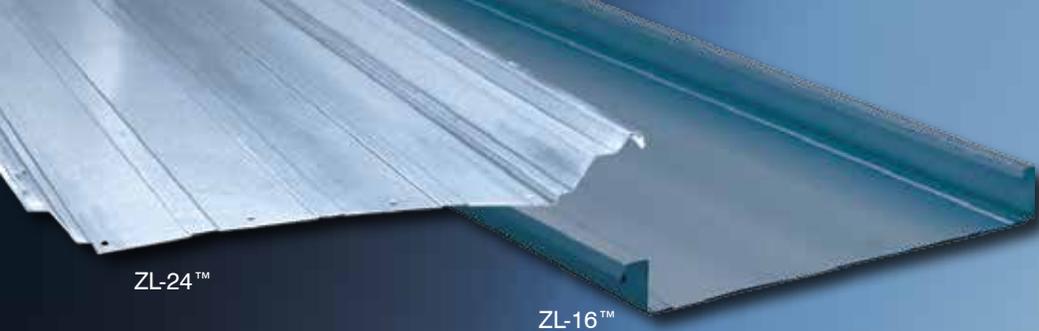


Flexibility in design allows for customized structural features

Industrial-grade, aesthetically pleasing gray primer in accordance with SSPC specifications

Optional liner panel provides added protection and a clean, finished look





ZL-24™

ZL-16™



Corrugation Closure

Three Distinct Advantages:

- Made from high density polyethylene, this closure helps the mastic form a tighter seal than the typical metal closure other roof systems offer.
- The closures also have a subtle black finish to help create the clean, uniform look of the ZL-24 Standing Seam Roof System
- Helps maintain modularity

Behlen Premium Standing Seam Roof Systems

- ZL-24™ Standing Seam Roof System
- ZL-16™ Architectural Standing Seam

Reliable

The technology of the patented ZL-24™ and ZL-16™ roof systems offers considerable benefits to the roof designer, roof installer, contractor, and building owner.

Weather Resistant

The ZL-24™ and ZL-16™ technology provides assurance the sealant is protected from severe stress during high wind because of its location within the seam.

Cost-Efficient Installation

Unlike other roof systems on the market, the ZL-24™ and ZL-16™ do not require seaming as each individual panel is installed. The result – a roof is installed quickly, efficiently, and without costly wear and tear caused by excess traffic on the unfinished roof.

Quality Seam

When mechanical seaming is required, state-of-the-art seamers provide a high quality seam, locking components together in a consistent seamed profile.

Consistency in Design

In almost every case, the ZL-24™ or ZL-16™ roof system is accomplished with consistent purlin spacings, panel sizes, and clips throughout the entire roof.



Behlen Traditional Exterior Wall/Roof Systems

Choose clean, economical Behlen panels or incorporate a combination of alternate building materials:

- ADP-1 (Wall/Roof)
- ADP-2
- Factory insulated panels
- Wood
- Glass
- Brick

The choice is yours – you have complete design freedom.

ADP 1

ADP 2

Precision manufacturing resulting in steel that fits up right!



Behlen clips are pre-welded resulting in a better fit and reduced erection cost and time

Galvanized secondary steel provides quality which lasts a lifetime.

- Purlins
- Girts
- Framed Openings
- Eave Struts



Flexible, Attractive Designs

From a simple warehouse to a complex, multi-story facility, flexibility is a key benefit of Behlen Building Systems.

- Retail Facilities
- Offices
- Dealerships
- Churches and Schools
- Sports Facilities
- Self-Storage
- Hangars
- Factories and Warehouses
- Agriculture and Livestock Arenas
- Retrofit Roofing

Imagination

Incorporate metal, glass, wood, stucco, brick and other architectural building materials.

Future Growth

Behlen buildings can be easily designed for fast, economical additions or other enhancements.

Savings

Behlen buildings can easily incorporate energy efficient insulation systems for long-term heating and cooling savings. Plus, our durable components and quality construction minimize maintenance requirements.



Structural Systems

Your Behlen building can be configured in nearly limitless combinations of widths, lengths, and heights. This flexibility and the addition of other materials such as block, brick, glass, and pre-cast empowers Behlen with the ability to provide virtually any architectural presentation our customers desire. We can turn the “look” you envision into a reality.

Design Build

Authorized Behlen Builders must be experienced and held in high regard by the construction industry to meet our qualifications. A Behlen Builder will partner with you to develop a sound, well-defined budget and get the greatest return for your investment. You can continue to handle the day-to-day needs of your business rather than deal with construction details. You can rest assured knowing your Behlen Builder is your single source responsibility for your project.



“We’re in our 54th year with Behlen. Their service is equal to their workmanship which is first rate. They take care of their customers like they take care of their business - the way we all would like to be taken care of. Good People, Good Iron.”
Dave Clausen
Clausen & Sons, Inc. - Havre, MT

EagleSpan® Building Systems



Too often, metal building designs are constrained by a process that limits our imaginations. The “standard” for roof design revolves around various flat plane concepts, such as single slope, gable, and hip roofs. Behlen Building Systems is proud to announce we’re “throwing a curve” at traditional thinking.

Benefits of the distinctive EagleSpan® curved roof system include:

- A true radius frame (not segmented) that can clear span more than 200 feet.
- Beams fabricated in our manufacturing facility (not outsourced) thus minimizing costs while maximizing quality.
- Traditional metal building design and steel erection procedures.
- Standing seam roof system is standard.

Rural Buildings



The Behlen name is renowned in Rural America for providing quality building systems, made by craftsmen, with a heritage dating back nearly 80 years. Behlen Buildings have met the needs of farmers and ranchers by standing up to the elements and serving as an essential part of their operations from one generation to the next.

Quality & Advantages:

- All-Steel construction provides increased strength and stability over a wood frame structure.
- Extra high strength steel (up to 80ksi) for an added level of quality beyond many other suppliers.

- Coped eave/rake flashing for a superior finish
- Premium base steel and paint finish to reduce fading and keep colors looking sharp.
- Attractive two-piece door trim.
- Industrial-grade, aesthetically pleasing gray primer in accordance with SSPC specifications.
- Premium base steel and state-of-the-art paint finish keep colors looking sharp.



Long Bay Building Systems



Behlen Long Bay Building Systems offer large, open floor spaces free from interior obstructions, such as columns. These clean, uncluttered interiors are ideal for warehouse, industrial, distribution or retail applications. Per your specifications, you can count on a custom designed and fabricated building that maximizes your use of space while increasing operating efficiency.

- Economical – provides bay lengths over 60 feet maintaining the efficiency of building with steel.
- Versatile – can be combined with hard wall systems

(masonry, pre-cast, and tilt-up construction) as well as metal wall panels. Can also be utilized with a variety of roof systems including B-deck and built up roof systems, providing a competitive option with conventional construction methods.

- Durable – joist purlins are manufactured in accordance with the Steel Joist Institute (SJI).
- Efficient – a perfect match for Behlen Building Systems ZL-24™ Standing Seam Roof System.
- Ideal for warehouse, industrial or distribution facilities.

S-Span Building Systems



The Behlen S-Span design has proven itself perfectly suited for hangars, arenas, exposition center and other building applications requiring large, clear spans. Support strength is formed into the corrugated steel wall panels, so there are no interior frames to work around making the interiors uncluttered and attractive. The energy-efficient design of the roof also allows a high R-value to be achieved.

There is almost no limitation in facing materials to be used on an S-Span building. Choose from standard corrugated steel panels, color coated ADP panels and facades to masonry, wood or even glass. The S-Span is very versatile.

- Large, clear spans.
- 100% nut and bolt construction using heavy gauge panels (no screws).
- A tough, proven stressed skin design.
- Energy-efficient building with an economical concrete footing design.
- High R-Values.
- Made with quality in the U.S.A.



“Ease in the field makes a big difference. I’ve been a full time steel erector for nearly 20 years, putting up several metal building brands, and I can say with confidence that of all the structures I’ve put together – Behlen is by far the easiest. Behlen buildings require the least amount of work in the field and I don’t have to use the torch or welder.”

Mike Emanuel
North Central Builders - Hartington, Nebraska



“I’ve been a Behlen Builder for almost 20 years and one constant is their quality, they have a quality building that is easy to sell, easy to erect and easy on the pocket. With a Behlen building you can order a simple building or a complex building and rest easy knowing that from the design phase right through the final fabrication you will have a complete, quality building when it hits the field.”

Kevin Kurth
Bladholm Construction - Marshall Minnesota



Building Green and Sustainability

More building owners are taking sustainability into consideration when constructing new facilities. These are important factors when seeking to achieve credits with **LEED certification (Leadership in Energy and Environmental Design)** and in achieving an **EPA Energy Star® Cool Roof** rating.



Metal is Green

Metal is considered a green building material for the following reasons:

- Saves time on installation and requires minimal disruption to job site
- Improves energy efficiency and comfort
- Reuses and recycles waste material – reducing landfills
- Does not produce off-gassing as no on-site painting is needed
- Offers a better life cycle return on investment
- Cool metal roofs reduce heat island effects (Energy Star®/cool paint finishes)

Green Advantage

A Behlen building offers these advantages when applying for **LEED Certification**:

- All colored panels qualify as having “Cool Colors” which means they reflect more of the sun’s rays, lower the roof’s surface temperature, and help reduce the amount of air conditioning needed to cool the building
- Limitless design flexibility (e.g. day lighting options and highly efficient insulation systems)
- Lower maintenance and insurance costs
- Behlen steel contains high recycled content and is 100% recyclable

Leading edge tools such as the Behlen Recycled Content Calculator will provide you with essential documentation needed to apply for LEED Certification.



What does it mean to do business with the Good Iron People?

- You're part of a culture where your business truly matters, and our Partners in Progress (employees) have a vested interest in helping you win in the marketplace
- We believe in Mutual Trust and Respect and it shows in every building – every time
- A drive for Value Added Customer Satisfaction. After all, it's the cornerstone of our quality system
- Dedicated District Managers and Customer Service Representative who oversee the entire process of your order through delivery
- A determined “will to win” work ethic when it comes to helping our builders succeed
- The lines of communication are always open and every team member is ready to take your call
- Every Behlen Builder matters. We strive to fulfill the “Great Experience” through our builder networks.
- Our experienced design team is willing to take on the challenges of complex building projects
- We're in it together and realize our success is dependent upon the success of our builders



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