




# EMPOWERING YOU TO ADVANCE YOUR BUSINESS

BUILDING SOLUTIONS









**AT STAR BUILDING SYSTEMS,** we provide a comprehensive portfolio of tools, training and technology to help you become a leader in your local market. We invest in your success by providing exceptional service and pre-sale support as well as extensive ongoing training and coaching—all backed by a full range of the highest-quality building products available anywhere.



# GROW YOUR BUSINESS ONE BRILLIANT IDEA AT A TIME

## Join Our Authorized Builder Network

When you choose Star, you gain a powerful advantage over the competition—our Authorized Builder Network. We are proud to partner with leading builders, contractors, architects and manufacturers across North America and the Caribbean to offer a nexus for the exchange of ideas and information among industry experts.

Our Authorized Builders have been instrumental in improving our offerings by actively participating in open forums. We work diligently to utilize this feedback for process improvements and to ensure an exceptional customer experience.

In addition to our National Accounts Program and other lead-generating opportunities, Star offers Authorized Builders a number of exclusive resources, including:

- Proprietary pricing and project tracking tools to increase your design and estimating efficiency
- Marketing programs designed to strengthen your brand and expand your reach
- Training and education opportunities to help you grow your business

# BUILDER TOOLS & SYSTEMS

## SBS

Our proprietary estimating software, SBS, is one of the most robust systems in the industry for designing and pricing metal building projects of all complexities. It is a step-by-step, easy-to-use tool that incorporates a broad array of design parameters and accessories to help you achieve the most efficient layout for your project.

## FASTAR®

For low-complexity buildings that require quick turnaround, look no further than Fastar®. Our advanced web-based system greatly simplifies the pricing process, allowing you to generate a metal building quote based on your specifications in a matter of minutes. Fastar significantly reduces the amount of time it takes to detail and design low-complexity projects by automating core functions. Best of all, it offers an impressive variety of options and accessories when it comes to the design of your building.

## BUILDER'S GATEWAY

The Builder's Gateway is an online portal providing a consolidated view of your account. The Gateway enables Star builders to manage projects and access order documentation in real time. The customizable interface provides easy access to critical information, including key resources, upcoming events, builder news, shared leads and more.



# MANUFACTURING

## Superior Systems and Facilities to Support Your Business Needs

We engineer every product to achieve superior strength, durability and design flexibility. No matter what your project entails, Star will partner with you to provide unparalleled expertise and the industry's broadest spectrum of products and solutions—including coil coating, metal doors, metal roofing & wall systems and insulated metal panels—all at the best total value to your business through a single, responsive point of contact.



# EXCEPTIONAL BUILDING SOLUTIONS ACROSS A COMPREHENSIVE RANGE OF INDUSTRIES

From aviation to education and from retail to healthcare, Star supports a wide variety of industries. Our buildings can be found across North America and the Caribbean—in rural communities and metropolitan areas alike. Our metal building solutions provide an ideal alternative to conventional construction, with more benefits and greater flexibility to meet your project needs and achieve your business goals.



## **AGRICULTURAL**

STRONG & ECONOMICAL STRUCTURES

Star serves the agricultural industry by offering a wide range of products built to sustain the intensive, day-to-day demands of even the harshest environments. Whether your needs include equipment storage, dairy barns, animal feedlots or equestrian arenas, our metal building products and solutions provide superior strength and durability to protect your investments in any weather or climate.



## **AUTOMOTIVE**

TAILORED AUTOMOTIVE APPLICATIONS

From parking garages and tire shops to dealerships, showrooms and beyond, Star delivers a wide array of metal building products and solutions to the automotive industry. Regardless of your individual project requirements, we offer superior durability and design flexibility, plus fast construction to help get your structure open for business as quickly as possible.





## AVIATION

### CUSTOM HANGAR DESIGN & SUPPLY

Star offers a wide range of customized aviation products to ensure your structure will stand up to even the harshest environments. Whether your needs include aircraft hangars or maintenance facilities, our metal building products and solutions provide superior strength and durability to protect your investments in any weather or climate.



## COMMUNITY

### BEAUTIFUL BUILDINGS BRINGING PEOPLE TOGETHER

Star delivers a wide array of metal building products and solutions to communities across the country. Whether your needs include churches, synagogues, meeting rooms, theaters or multipurpose spaces, our products can be combined with a variety of finishing materials to meet local zoning requirements, accent your building's beauty and enhance the immediate surroundings.



## **DISTRIBUTION & WAREHOUSE**

LARGE-SCALE STRUCTURES FOR A VARIETY OF APPLICATIONS

Whether you are erecting a distribution facility or a warehouse, Star delivers a comprehensive array of metal building products and solutions to accommodate the large, unobstructed interior floor spaces your operations demand. Regardless of your individual business requirements, we offer superior durability and easy maintenance to protect and support your investment in even the harshest environments.



## **EDUCATIONAL**

SAFE, SOUND STRUCTURES THAT LAST FOR GENERATIONS

Whether your project is a grade school, government building or municipal facility, Star provides a wide range of metal building products and solutions to meet your unique needs. Large, clear spans and customizable layouts provide incredible design flexibility, while metal delivers long-term cost efficiency and superior durability to ensure your structure will remain an asset to the community for years to come.



## **HEALTHCARE**

FLEXIBLE STRUCTURAL DESIGNS

Star delivers a wide range of metal building products and solutions to the healthcare and pharmaceutical industries. Whether your needs include office complexes, clinics or hospitals, our materials are engineered to the exacting specifications and tolerances that your facility demands. Plus, metal components facilitate fast construction to help get your business erected, open and saving lives as quickly as possible.



## **MANUFACTURING & INDUSTRIAL**

POWERFUL PRODUCTION FACILITIES

From simple structures to large, complex facilities, Star offers a wide range of products built to sustain the punishing day-to-day demands of manufacturing. Our experts can develop a custom design to accommodate various piping loads, air handling systems, racking loads, mezzanine systems, heavy crane systems and more—all while supporting maximum functionality and energy efficiency.





## OFFICE

### DISTINCTIVE BUSINESS SPACES

From commercial office buildings to government facilities, Star delivers a wide range of metal building products and solutions to meet your unique needs. By offering an array of exterior panel types, finishes and colors, we accommodate incredible design flexibility. Materials such as glass, stone and masonry can also be integrated to create an attractive, efficient structure that will last for years to come.



## RECREATIONAL

### VERSATILE STEEL SOLUTIONS TO FIT YOUR NEEDS

Whether your project is an ice-skating rink, recreational center, swimming pool or sports arena, Star delivers a wide range of metal building products and solutions to meet your unique needs. Large, clear spans provide unobstructed interior floor space, while metal delivers long-term cost efficiency and superior durability to ensure your structure will remain an asset to the community for years to come.



## RETAIL & DINING

### ATTRACTIVE COMMERCIAL SOLUTIONS

From shopping centers and strip malls to restaurants, showrooms and beyond, Star delivers a wide range of metal building products and solutions to the retail and restaurant industries. Regardless of your individual business requirements, we offer superior durability and design flexibility, plus fast construction to help get your structure erected and open as quickly as possible.



# CUSTOM-ENGINEERED METAL BUILDINGS

Metal building systems provide an ideal alternative to conventional construction solutions, with more benefits and greater flexibility to meet your project needs and cut time off your construction schedule. Star engineers and fabricates a wide range of metal building systems, which vary in shape, size and function yet offer singularly exceptional performance to withstand the long-term effects of the elements. Our custom-designed framing systems provide diverse options for purlins, rafters, bridging and end frame connections and are compatible with multiple wall and roof systems.

## FRAMING SYSTEMS

Primary frames span the width of a building and are designed for full bay loading. Our primary steel frame system includes interior building frames, building end frames (rafters, corner posts and end posts), building bracing and crane systems.

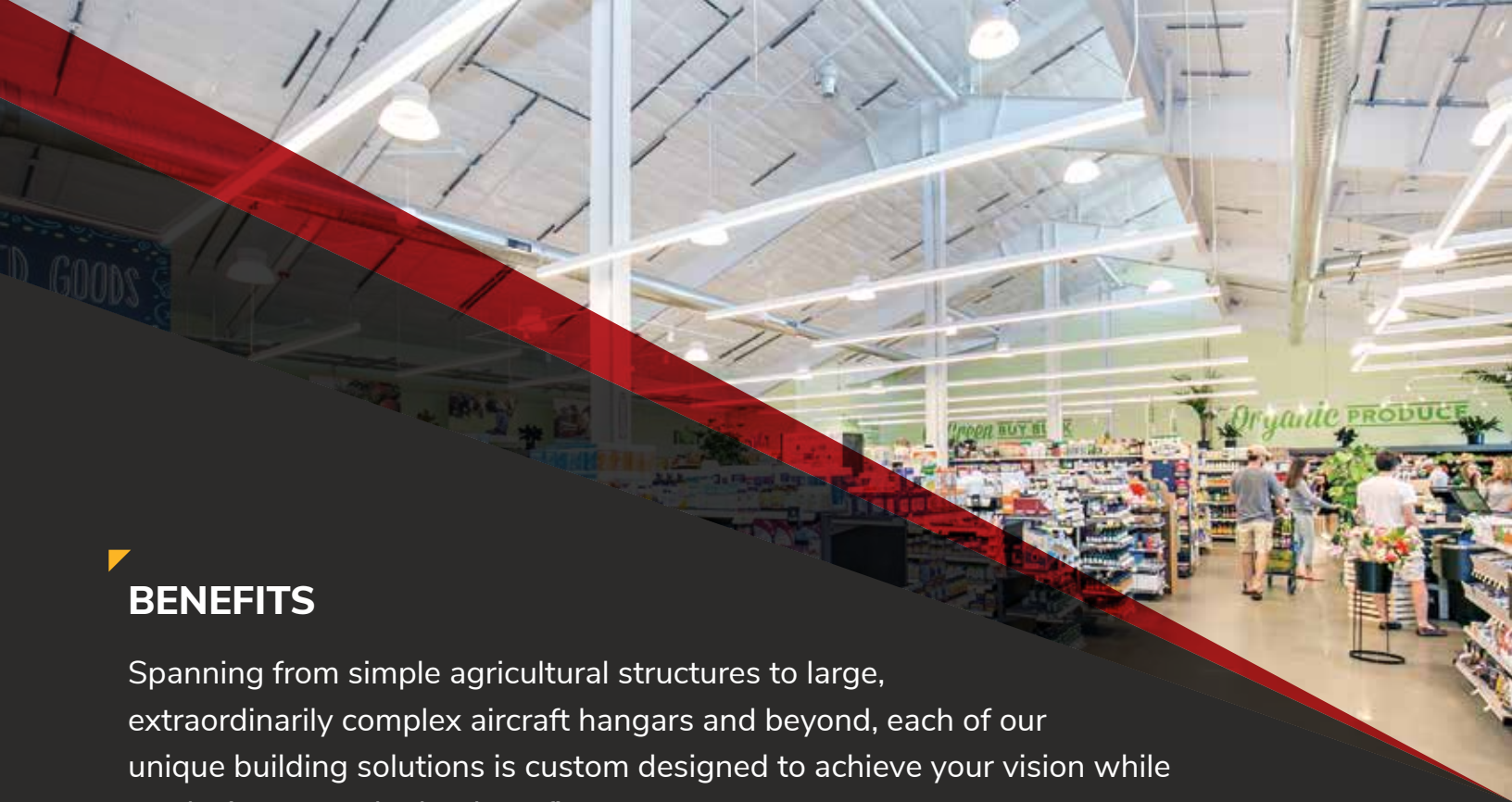
## SECONDARY SYSTEMS

Star's secondary structural framing systems include purlins, girts, eave struts, base members, flange bracing, gable angles, clips and more. These essential components support roof and wall coverings, carry exterior loads and can be formed to fit specific project requirements.

## BUILDING BRACING

Each project is engineered to withstand specific wind or seismic load requirements using components from our extensive bracing system, allowing for diaphragm bracing, cable bracing, rod bracing or portal frames.





## BENEFITS

Spanning from simple agricultural structures to large, extraordinarily complex aircraft hangars and beyond, each of our unique building solutions is custom designed to achieve your vision while producing several other benefits:

### FASTER CONSTRUCTION

Cut weeks off your building construction time, saving time and money.

### INTERIOR DESIGN FLEXIBILITY

Designs can be expanded to fit your needs as your business grows, easily and affordably providing you with a clear, column-free interior space.

### STRENGTH AND DURABILITY

Metal buildings are more likely to survive harsh weather conditions than other types of construction materials. They are designed to withstand the long-term effects of the elements and pests such as termites.

### LOW MAINTENANCE

Today's long-life finishes provide years of care-free beauty. An engineered metal building will require less maintenance than similar structures made from other types of materials.

### ENERGY EFFICIENCY

All structures are easily insulated with fiberglass, rigid board or insulated metal panels. Insulated panel systems, low-profile roof options and roof color can also significantly reduce energy costs.

### LONGEVITY

Produced using only high-grade steel and premium components. You can be sure that your investment will be built to last and will serve you well for years to come.

### SUSTAINABILITY

Steel is recyclable, enabling you to reduce overall environmental impact. Green products such as metal roofs and walls are cited in building codes and standards throughout the country.





# LONG BAY<sup>®</sup>

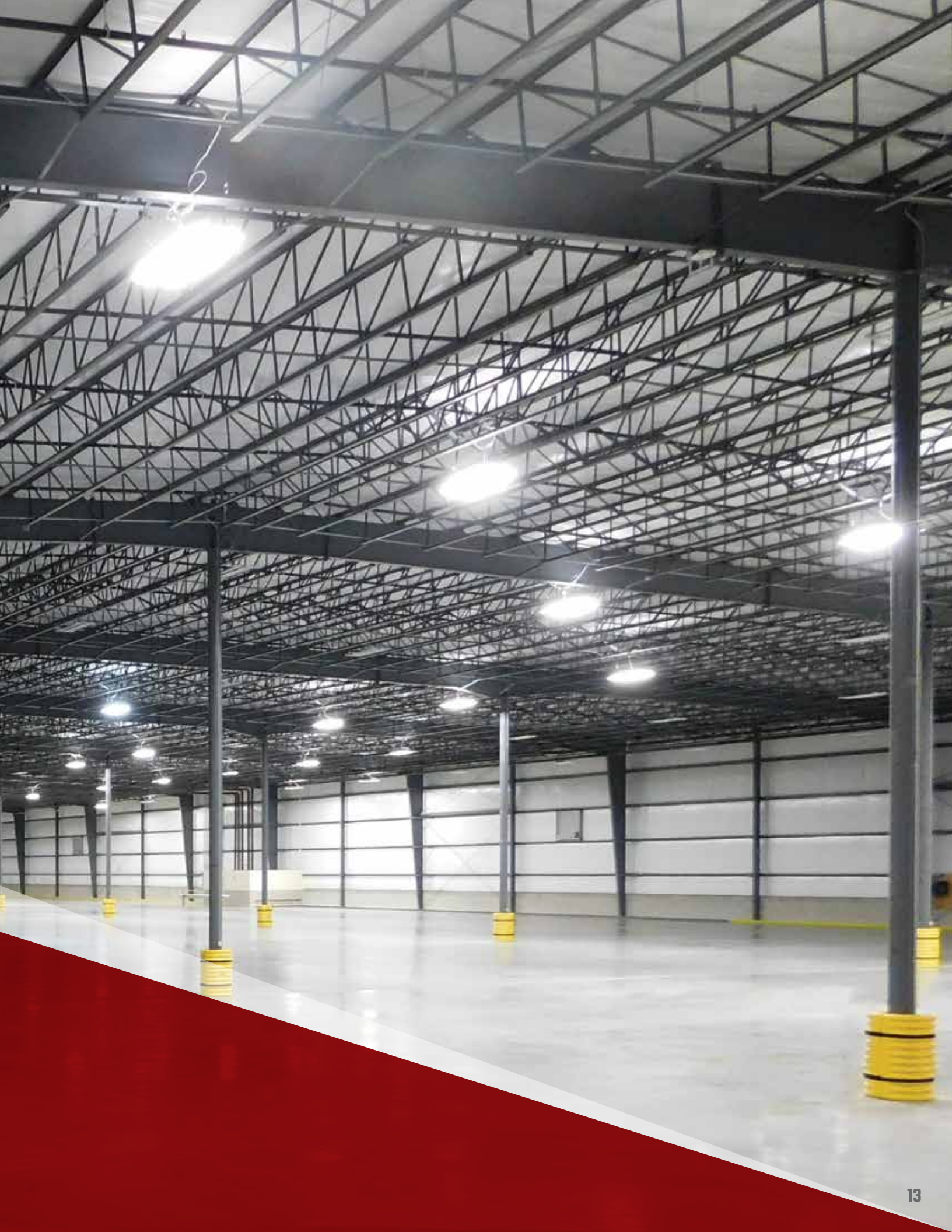
## Your Clear-Span Building Solution

Star's Long Bay<sup>®</sup> System utilizes open web truss secondary framing, providing roof support while allowing greater access to mechanical and electrical systems. Compatible with multiple wall and roofing systems, it provides you with amplified flexibility in construction design. Long Bay is also the perfect solution for manufacturing, distribution and large retail applications.

The single-source design, fabrication and schedule control eliminates inconsistencies and interruptions during the entire building design and erection process. Long Bay purlins are bolted to the rafter, not welded, requiring 50% less horizontal bridging than a bar joist. Horizontal bridging is attached with self-drilling screws versus welding with typical bar joist. Bolting also allows the erector to connect materials on the ground and lift in sections during installation. This produces substantial labor cost savings, improves on-site safety and increases speed to market.

Long Bay is offered in bays from 40' and up to 70', allowing increased flexibility in design for fewer interior columns. Stiffer and lighter than traditional bar joist, it can interface with load-bearing masonry or tilt-wall construction and offers a faster, more precise installation. Long Bay is easy to handle, maneuver and erect with no warp or sweep.





# SINGLE-SOURCE PORTFOLIO

## Extended Reach Through a Single Partnership

As part of the Cornerstone Building Brands family, Star provides its customers with single-source access to the broadest spectrum of products and service offerings anywhere in the industry, from single skin and insulated metal panels to custom-engineered building systems. Our fully integrated supply chain allows us to maintain the absolute highest standards in quality, backed by unparalleled design and engineering expertise.

### OUR PARTNERS INCLUDE:



As the leading manufacturer of metal roof and wall systems in the nation, MBCI delivers a comprehensive portfolio of products and solutions across a variety of industries.



Operating across the United States and Canada, Metl-Span Insulated Metal Panels has served the architectural, commercial, industrial and cold storage industries since 1968.



DBCI is a leading manufacturer of commercial-grade steel curtain roll-up doors, self-storage doors and hallway systems serving a variety of industries across the United States.



With CENTRIA's wide range of products and services, our customers can create visually inspiring, high-performance facades. From industry-leading insulated metal panels to a wide palette of rainscreen panels and coating systems, our products have delivered aesthetics, performance, innovation, sustainability and value for over 100 years.



Environmental StoneWorks offers a turnkey solution for architectural stone veneer, including both materials and installation services—as well as warranties for both.

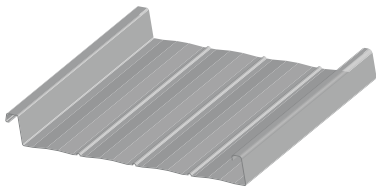




# ROOF & WALL SYSTEMS

Star delivers unmatched performance and superior flexibility across the industry's most robust selection of metal roof and wall products and panel systems. We supply more than 90 variations of metal roof and wall panels to meet your design requirements, as well as secondary structural components, trim and related accessories.

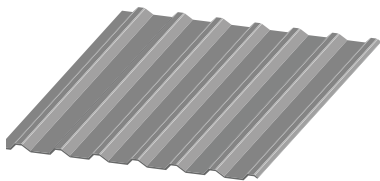
From single skin and insulated metal panels to exposed fastener, concealed fastener and interior wall liner panel systems, each solution is tailored to fit your unique needs. The following is a selection of our most popular roof and wall panels. For detailed information about our other products, please contact your sales or builder services representative.



## **STANDING SEAM ROOF PANELS**

DURABLE AND WEATHERTIGHT AGAINST THE ELEMENTS

Recognized for their extreme durability and resistance to inclement weather, Star's standing seam metal roofing solutions are independently tested for water penetration, uplift ratings and structural performance to meet or exceed code requirements for your building.



## **EXPOSED FASTENING PANELS**

PROVEN PERFORMANCE MEETS DESIGN VERSATILITY

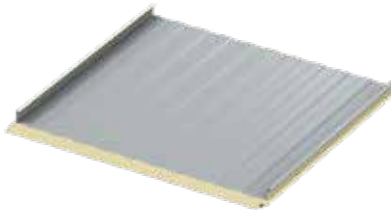
Exposed fastening panels have stood the test of time and are the industry's go-to category for metal buildings. With a long history of reliability and performance, these panels still offer the design flexibility expected in modern designs and most can be installed horizontally or vertically on wall applications.



### **CONCEALED FASTENING PANELS**

SHADOWS AND EYELINES CREATE AMAZING AESTHETICS

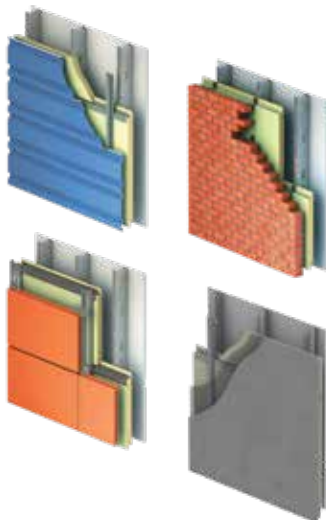
Metal roof and walls that use concealed fastening panels combine elegant design with the toughness of metal. Primarily used in architectural applications, these siding panels are also an appealing choice for residential and commercial applications.



### **INSULATED METAL PANELS**

ENERGY EFFICIENT AND BUILT TO LAST

Insulated metal panels, or IMPs, address the four critical performance barriers (water, air, vapor, thermal) in a single component consisting of metal skins and a foam insulating core. IMPs act simultaneously as the exterior facade, insulation and finished interior wall, offering the most advanced protection possible over the lifespan of a building. Whether your project requires unique aesthetic or performance considerations, or even fire-resistant capabilities, these panels offer the ultimate in design freedom and flexibility.



### **INSULATED COMPOSITE BACKUP SYSTEMS**

THE ULTIMATE BARRIER SYSTEM

Designed with CENTRIA's innovative advanced thermal and moisture protection (ATMP) technology, MetalWrap™ Integrated and MetalWrap™ Long Span Series feature integral attachment systems for multiple materials, making these systems the perfect choice for mixed-medium exteriors. MetalWrap™ insulated composite backup panels serve as the ultimate backup wall for nearly any type of exterior rainscreen system, from single-skin metal to brick, terra cotta and others.







# COLORS & COATINGS

## SIGNATURE® COLORS










Whether you are looking for subtle earth tones or striking primaries, Star has color offerings to finish your building. All roof and wall panel paint options are SR and SRI rated so solar reflectivity and LEED compliance are easily achieved.

### COMMERCIAL/INDUSTRIAL COLOR OPTIONS

#### SIGNATURE® 200 SILICONIZED POLYESTER

 Hawaiian Blue	 Koko Brown
 Crimson Red	 Charcoal Gray
 Fern Green	 Polar White
 Burnished Slate	 Rustic Red
 Ash Gray	 Light Stone
 Saddle Tan	 Cobalt Blue
 Desert Sand	 Solar White
 Galvalume Plus®	

#### SIGNATURE® 300 PDVF; LOW GLOSS












 Medium Bronze	 Brownstone
 Snow White	 Brite Red
 Slate Gray	 Harbor Blue
 Almond	 Bone White
 Classic Green	

Additional colors are available for insulated metal panels. Contact your district sales manager for details.

Final color selection should be made from metal color chips.

### ARCHITECTURAL COLOR OPTIONS

#### SIGNATURE® 200 SILICONIZED POLYESTER

 Burnished Slate	 Koko Brown
 Polar White	 Fern Green
 Charcoal Gray	 Coal Black
 Light Stone	 Hawaiian Blue
 Rustic Red	 Solar White
 Galvalume Plus®	

#### SIGNATURE® 300 PDVF; LOW GLOSS

 Harbor Blue	 Classic Green
 Colonial Red	 Everglade
 Medium Bronze	 Brownstone
 Pacific Blue	 Tundra
 Natural Patina	 Spruce
 Snow White	 Hunter Green
 Slate Gray	 Brite Red
 Almond	 Bone White
 Midnight Bronze	

#### SIGNATURE® 300 METALLIC PREMIUM COLORS

 Copper Metallic	 Silver Metallic
---	---

Metallic coatings are directional. Panels and trim must be installed oriented in the same direction to prevent perceived shade variances.



#### TUFF-CAST™ TEXTURED FINISH

Look of finished precast concrete with the efficiency of an insulated metal panel. Available on select Metl-Span panels.



#### TUFF WALL® TEXTURED FINISH

Tuff Wall is an attractive stucco-like insulated metal wall panel that exhibits the natural beauty sought out by many designers and owners. Available on select Metl-Span panels.

# CORNERSTONE ADVANTAGE

As the largest manufacturer of exterior building products in North America, Cornerstone Building Brands is uniquely positioned to meet the changing needs of our customers. Our family of industry-leading brands spans the breadth of the market to provide the expert support your projects demand.

## **RELENTLESS CUSTOMER FOCUS**

Our dedicated team of hundreds of sales and service professionals are available to help you and work side-by-side on every challenging project or product inquiry.

## **COMMITMENT TO INNOVATION AND R&D**

Our culture of innovation drives us to continually develop fresh solutions that improve product performance, energy efficiency and ease of use.

## **EXPANSIVE NATIONAL FOOTPRINT**

We are where you need us, with 80+ manufacturing facilities strategically located to deliver on the unique demands of your project.

## **#1 MANUFACTURER OF EXTERIOR BUILDING PRODUCTS**

We are the trusted leader in windows, vinyl siding, insulated metal panels, metal roof and wall systems and metal accessories.

## **COMPREHENSIVE PRODUCT PORTFOLIO**

We are a one-stop-shop for commercial and residential exteriors. Limitless color and design options allow you the flexibility to truly customize each project.









# BUILDING YOUR SUCCESS, ONE PROJECT AT A TIME

Our building solutions are the cornerstone of the communities we serve. We believe every building we create, and every part of that building, positively contributes to communities where people live, work and play. That is why every action we take centers around our four core values:

**SAFETY ■ INNOVATION ■ INTEGRITY ■ TEAMWORK**





At Star, we are relentlessly committed to our customers and to creating great building solutions that enable communities to grow and thrive.

**Let us help you become a leader in the metal building industry. Contact us today:**

**1-800-879-7827 ■ [HELLO@STARBUILDINGS.COM](mailto:HELLO@STARBUILDINGS.COM) ■ [STARBUILDINGS.COM](https://STARBUILDINGS.COM)**





**1-800-879-7827 ■ HELLO@STARBUILDINGS.COM ■ STARBUILDINGS.COM**

Descriptions and specifications contained herein were in effect at the time this publication was approved for printing. In a continuing effort to refine and improve products, Star Building Systems reserves the right to discontinue products at any time or change specifications and/or designs without incurring obligation. To ensure you have the latest information available, please inquire or visit our website at [www.starbuildings.com](http://www.starbuildings.com).