Butler Manufacturing is transforming the face of the construction industry. Building on a rich history of successes, we’re committed to solving today’s construction challenges through the design and manufacture of superior-quality steel building systems.

For more than 100 years, the name Butler has been synonymous with building innovation.
It all started with the idea to factory-produce building systems, and it continues with new products and services that still set industry standards.

Butler offers virtually unlimited options with regard to a building’s appearance and functionality. And every component of our building systems is designed, engineered, and manufactured to exact specifications, assuring fast assembly and long-term performance.

We’ve remained the systems construction industry leader by meeting the needs of building owners more effectively than any other manufacturer. Unmatched building versatility. Extensive design freedom. Lower lifecycle costs. These are just a few of the ways that Butler is Building in a New Light®.

Our parent company, BlueScope Steel, an international flat steel solutions company, allows us to offer more efficiencies and capabilities than ever before. Learn more about BlueScope Steel at www.bluescopesteel.com.

From more innovation to more resources, discover the difference Butler can make with your next building project.
You’ll often hear us refer to our unique product advantages as “The Butler Difference.” We invite you to discover what this difference can mean for you.

**BUTLER BUILDERS®**
With superior knowledge of construction, these independent building professionals offer single-source responsibility and complete construction services. Today there are more than 1,400 Butler Builders® worldwide—the largest network of construction professionals in the world.

**MR-24™ ROOF SYSTEM**
It’s the most specified standing-seam roof system on the market, with more than 2 billion square feet installed worldwide. The MR-24™ roof system has unique design features that accommodate roof movement under temperature swings and virtually eliminate roof leaks.

**FACTORY-PUNCHING**
Only Butler offers factory-punched secondary structural members to assure a precision fit on the jobsite. This helps to speed installation, lower construction costs, and create low-maintenance structures for greater lifecycle cost savings.

**HIGH-PERFORMANCE PRODUCTS**
With products such as acrylic-coated galvanized C/Z purlins and girts, as well as systems that integrate easily with conventional building materials, Butler provides innovative solutions that enhance performance and add value.

**BUTLER-COTE™ COATING**
Butler is the only manufacturer to offer a superior Kynar 500® or Hylar 5000® finish system as the standard exterior finish on all painted panels and trim. This incredibly durable coating is the finest coating in the industry.

**INDUSTRY-LEADING WARRANTIES**
Our multi-year warranties protect your investment. Available 25-year weathertightness warranties are a testament to the performance that a Butler® building system offers.
WIDESPAN™ STRUCTURAL SYSTEM

A structural system should enhance a building’s functionality, not stand in its way. That’s the principle upon which the Widespan™ structural system is designed. This versatile rigid frame system assures maximum use of interior space, while also providing virtually unlimited flexibility with regard to building width, height, roof slope, and exterior finish. And Butler’s precision engineered system adds speed for cost savings in construction.

The Widespan system offers extensive framing options with these benefits:

- Large areas of uninterrupted space
- Straight or tapered columns
- Minimal or no interior columns to optimize building costs and enhance functionality
- Extensions and expansions for future building requirements are easily accommodated
- Acrylic-coated galvanized C/Z purlins and girts for better appearance and durability
If large interior modules and extra-long bay sizes are important to your building’s functionality, then the Landmark™ 2000 structural system is the right choice. The Landmark 2000 system is designed to accommodate large modules and bay sizes up to 60 feet, while also assuring the design flexibility uniquely suited to your building’s function as well as appearance.

- Factory-punched open-web secondary structural members (truss purlins) allow for 60-foot bays
- Rod bracing in the roof and walls reinforces the system’s strength
- Design flexibility assures maximum building functionality
- Accommodates hardwall construction easily integrating with masonry, precast concrete or site-cast tilt wall, or other conventional wall products
HARDWALL STRUCTURAL SYSTEM

The Butler Hardwall system combines conventional building materials with the performance advantages of Butler® products, including the world’s finest standing-seam roof system. The system is designed for non-metal load-bearing masonry or concrete wall projects.

- Can be specified with the industry’s finest standing-seam roof system—the MR-24™ roof system
- Provides the opportunity to create traditional flat appearance roof lines by easily integrating with any type of conventionally built walls
- Offers unlimited design flexibility, as well as fast assembly

MULTI-STORY STRUCTURAL SYSTEM

The Multi-Story structural system offers the same benefits of our low-rise building expertise in buildings from two to eight stories. The system utilizes the combined technologies of conventional and systems construction to create a cost-effective, high-performance building.

- Available with a variety of roof and wall options, including any Butler standing-seam roof system
- Exterior finishes including brick, block, curtain wall, and metal wall panels
- A single-source solution that provides value, convenience, and architectural enhancement
- Surprising building applications with all the traditional performance benefits of Butler

SKYLINE™ STRUCTURAL SYSTEM

Our Skyline™ structural system is a simple solution to complex hip, valley, and dormer framing. Butler-engineered and factory-assembled light-gauge steel trusses allow for design flexibility to create a dramatic roofline.

- The first one-hour, one-layer, UL fire-rated ceiling assembly in the industry
- Eliminates field assembly of the trusses to speed installation and assure accuracy
- Excellent structural alternative in certain reroofing and fascia applications
- Available with the VSR™ roof system
Whether you’re tired of dealing with costly roof repairs or you simply want to avoid them from the outset, you’ll find the ideal solution in the MR-24™ roof system by Butler—the industry’s most specified standing-seam metal roof system.

Proprietary technologies have established the MR-24 roof system as the recognized standard in the industry. It acts like a monolithic steel surface covering your entire building, providing superior protection for the inventories, assets, and lives inside.

More than 2 billion square feet of the MR-24 roof system have been installed since 1969, and life cycles of 35+ years have been achieved. It’s a testament to the unmatched protection it provides.
The MR-24 clip (below) allows the roof to expand and contract with changing temperatures. This mobility prevents stress at the clips, fasteners, and panel splice that could otherwise make the building vulnerable to leaks and wind damage.

**THE PITTSBURGH DOUBLE-LOCK SEAM**

Only the MR-24 roof system seams are mechanically field-rolled 180 degrees to complete a 360-degree Pittsburgh double-lock seam. Other manufacturers simply crimp or snap the seams into place, forming a loose, vulnerable seal.

** PERFECT ALIGNMENT **

All roof panels and structural members of the MR-24 roof system are factory-punched to assure proper alignment and weathertightness, as well as the accurate installation of closures, roof accessories, and trim.

** STAGGERED PANEL SPLICES **

Locating panel splices at the same position across the roof makes it almost impossible to seal and protect against leaks. The MR-24 roof system eliminates this problem with staggered panel splices. All splices are also located over supporting steel to reinforce vulnerable areas, as opposed to midair splices common with other manufacturers.

** ENERGY SAVINGS **

Because the MR-24 roof system is metal and moves freely with the forces of expansion and contraction, additional insulation thicknesses will not cause roof deterioration as commonly happens with conventional built-up roofs.

** WIND UPLIFT RESISTANCE **

The MR-24 roof system carries the highest UL wind uplift rating (Class 90). It has also been approved by FM Global as a Class 1 Panel roof, which may help lower your insurance costs. In addition, the MR-24 roof system is approved for use under the strictest codes, including Miami-Dade County, Florida.

** 25-YEAR WARRANTY **

It stands to reason that the industry’s best roof also offers the industry’s best warranty. The MR-24 roof system is available with a 25-year warranty, not just against perforation but weathertightness as well. Ask your Butler Builder® for details.
CMR-24® ROOF SYSTEM

The CMR-24® roof system offers all the benefits of the MR-24™ roof system with a layer of Thermax™ rigid insulation board and an interior steel liner. This liner gives the interior a finished look while protecting the roof’s insulation and providing excellent energy savings.

- Excellent energy efficiency with R-values up to R-30
- Uses the MR-24 panel clip to allow movement during roof expansion and contraction
- Incorporates the MR-24 Pittsburgh double-lock seam to ensure weathertight performance
- Available 25-year warranty for perforation protection and weathertightness
- Thermax metal building board insulation is tested and listed in the UL fire-rated roof deck assemblies
- Painted or unpainted metal liner is available

The acoustic characteristics of rigid foam board insulation may not be suitable for certain buildings. See your Butler Builder® for more information.
THERMALINER™ INSULATION SYSTEM

The state-of-the-art ThermaLiner™ insulation system incorporates all the benefits of the MR-24™, VSR™, or Butlerib® II roof systems, with the additional advantages of superior thermal efficiency, condensation control, and noise reduction. The system is available as unpainted Galvalume® or painted galvanized steel.

- Helps reduce heating and cooling costs and controls condensation
- Superior thermal efficiency to R-40
- Easy installation with self-drilling screws
- Abuse-resistant liner adds an attractive, finished interior to the underside of the roof
- Can be installed on Landmark™ 2000 or Widespan™ structural systems

VSR™ ROOF SYSTEM

The VSR™ roof system is a versatile standing-seam roof developed specifically for architectural applications. Designed to easily accommodate complex roof geometries and simplify flashing designs, the VSR roof system handles architectural applications on roof slopes of 1/2:12 and greater.

- Available both in fluted and non-fluted designs
- Made with the low-gloss, high-quality Butler-Cote™ finish system
- A variety of visually appealing colors is available
- Approved by FM Global
- Has UL Class 90 wind uplift rating

Both the clips and panels of the VSR roof system have a factory-installed sealant to prevent leaks from driving rains.
A building’s roof system is no place to compromise quality and protection—particularly on projects with heightened budgetary constraints. The Butlerib® II roof system is engineered to provide the ideal option in such instances, offering low installation and maintenance costs with the assurance of an available 10-year weathertightness warranty.

- The best through-fastened roof system available in the industry
- Exclusive Lock-Rivet™ fastener doesn’t work loose over time
- Special groove assures proper application of the sealant
- Factory-slotted holes allow for thermal expansion and contraction of panels
- Deep 1-1/2-inch corrugation and “return leg” add strength and support
SKY-WEB® FALL PROTECTION AND INSULATION SUPPORT SYSTEM

The Sky-Web® system protects workers from falls and certain objects that may be dropped during roof construction. The innovative mesh system remains in place to act as an insulation support after the building is complete.

- A passive restraint system similar to an automobile airbag
- No worker initiative required—and no need to tie off with lanyards
- Allows free movement without tangling in safety lines or installing safety nets

Sky-Web® does not eliminate fall hazard from the non-leading-edge perimeter of the roof during installation.

REROOF SOLUTIONS

Butler offers several reroofing options that enable you to address potentially devastating roof problems with an affordable, long-term solution. In most cases, these systems can be installed over an existing roof, avoiding interruptions to your daily business activity.

- Retrofit Metal-Over-Metal Systems allow an MR-24™ roof system to be installed over existing metal roof systems
- The Slope Build-up Reroof System is designed for application over flat built-up or membrane roofs
- With either option the VSR™ architectural roof system may be used in higher-slope applications
The Flat StylWall® II with Texture-Cote™ wall panel creates a nonmetallic stucco appearance with a hard aggregate-fiber-reinforced polymer finish. Combining good looks with durability, the system resists the effects of impact, abrasion, and weather.

- Finish is applied at the factory to assure better quality control and permit year-round installation
- Rigid insulation board provides the solid panel desired for this type of architectural application
- Features a full 10-year warranty on material and application

Note: Colors as shown may vary from panel colors due to variations in the printing process. Colors and color availability subject to change without notice.
**BUTLER® II WALL SYSTEM**

With an attractive combination of quality and affordability, the Butlerib® II wall system remains an extremely popular choice for virtually any type of building application.

- Deep 1-1/2-inch panel corrugations reinforce the building’s panel strength
- Available factory-punched panels assure fast and accurate installation
- Predesigned transition materials coordinate with other building materials

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**Shadowall™ WALL SYSTEM**

The Shadowall™ wall system is ideal for creating architecturally pleasing exteriors, particularly in instances where energy efficiency is a key concern.

- Fasteners are recessed deep in panel corrugation to enhance appearance
- Accommodates added insulation for enhanced energy efficiency
- Available factory-punched panels and structurals add speed and accuracy in installation
- Transition pieces assure precision with window and door installation

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**StylWall® II Wall or Fascia System**

StylWall® II Flat or Fluted wall panels feature an outside surface embossed with a stucco pattern. Each panel is fastened to the wall structural system and then "locked" into the adjacent panel, concealing the fasteners and enhancing the building’s appearance.

- Rigid insulation board improves the insulating properties of the wall and the flatness of the metal face with the Flat system
- Conventional finishing materials can be easily fastened to the interior

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**FLAT 26 GA. 16" FLUTED 24 GA. 16" Rigid Insulation Board 4"7/16" 2" 36" 12" 12" 12" 1-7/16"**
TextureWall™ panels have an exterior flat embossed surface that creates a stunning stucco appearance. The surface is created by the Texture-Cote™ finish system—a hard aggregated-fiber-reinforced polymer finish that resists the effects of impact, abrasion, and weather.

- Satisfies many local building codes requiring masonry or stucco exteriors
- Features a full 10-year warranty on material and application
- Factory-installed foam core insulation delivers excellent energy efficiency with a tested R-value of R-16 to R-32 (2- to 4-inch panel thickness)
- Factory-applied finish of TextureWall panels allows system to be erected in virtually any weather condition
- Features concealed fasteners and requires only a clip at each girt, allowing simple installation from outside the building envelope

Note: Colors as shown may vary from panel colors due to variations in the printing process. Colors and color availability subject to change without notice.
The Butler ThermaWall™ wall system is a factory-insulated wall system with concealed fasteners for a clean, attractive appearance. Panel thicknesses of 2, 2-1/2, 3, and 4 inches are available to match your thermal performance needs, with R-values ranging from R-16 to R-32. The system is UL certified for 1- or 2-hour fire resistance assembly and also FM Global approved—which can help lower insurance costs.

**FLUTED PANELS**
Butler ThermaWall™ Fluted panels create an exterior surface with fluted (deep) corrugations.

**FINELINE PANELS**
Butler ThermaWall™ Fineline panels create an exterior surface with fineline (shallow) corrugations.

**FLAT PANELS**
Butler ThermaWall™ Flat panels create a smooth, embossed exterior surface.
BUiLDiNg SYSTeMS

LARGE OR COMPLEX BUILDING DESIGNS

For unusually large or complex buildings, Butler Manufacturing can save you time and money. Our Butler Heavy Structures division designs conventional structural steel with the cost-efficiency of Butler-engineered building systems. From initial design to finished construction, experienced engineers and project managers can provide a single-source solution to your building needs—working in tandem with your local Butler Builder.®

WE PROVIDE—

• Reduced turnkey construction times with the design-build method
• Trusted Butler systems to fit most any building need
• Worldwide network of experienced Butler Builders®
• Large clearspan structures—such as sports facilities and aircraft hangars
• Heavy industrial complexes—such as steel mills and paper processing plants
• Highly architectural structures—such as multi-story offices, retail centers, and churches
**PANL-LINE™ BUILDING SYSTEM**

The Panl-Line™ building system from Butler is designed for small building requirements. Two distinctive appearances are available—the single-slope roof design of Panl-Line™ I buildings and the gable roof design of Panl-Line™ II buildings.

- Provides maximum usable space and volume in a small building, with a high degree of functional flexibility
- Relocatable endwalls make expansion simple
- Can be used for a multitude of purposes, from simple storage space to complex computerized control stations

**PANL-LINE™ I BUILDING SYSTEM**

**PANL-LINE™ II BUILDING SYSTEM**

**SELF-STORAGE SYSTEM**

The same high-quality engineering and manufacturing expertise that has made Butler the steel building systems leader goes into each of our self-storage products. These building systems can be designed to fit any width or length in 5-foot increments. Interiors are also designed to be high on flexibility—yet low on maintenance costs.

- A single source for design and construction saves you time and money
- Faster construction gets you open for business and renting units sooner
- Climate-controlled or non-climate-controlled options can be specified
- Available with the industry’s #1 standing-seam metal roof—the MR-24™ roof system
- Multi-story buildings can be built to meet your specific needs
- Exterior finish options include embossed metal, concrete block, tilt-up, or brick
A COMMITMENT TO BUILDING GREEN

From material use to transportation costs, construction has an impact on the environment. At Butler, we strive to meet all construction needs with attention to sustainability, providing a more efficient way to complete your construction project. Butler is a member of the U.S. Green Building Council—a testament to our focus on developing responsible building practices.

- Steel is the proven standard in the effort to create sustainable architecture—and it’s the primary material used to make Butler® building systems
- Butler’s factory-produced made-to-order building systems minimize jobsite waste
- Efficient thermal building envelopes are available to reduce energy consumption
- Regional Butler fabrication plants bring production closer to building sites, reducing transportation energy costs
- The green attributes of Butler can help you earn points toward LEED® certification
Butler offers several sustainable 25-year fluoropolymer color finishes that meet reflectance and emittance standards for “cool roofs” and continue to perform well beyond the required 3-year period. Butler roof products featuring the Energy Star® label keep buildings cooler by increasing reflectivity, thereby reducing energy use, utility costs, and air pollution. Butler “cool roofs” won’t contribute to the Heat Island Effect, which produces high relative temperatures in urban areas. In this way, Butler building systems help ensure a safer habitat and climate.

**“COOL ROOF” FINISHES**

**Butler-Cote™ Finish System**

Butler’s sustainable Butler-Cote™ premium finish is the standard exterior finish on all painted panels and trim. It features high reflectivity to help lower energy consumption. This incredibly durable Kynar 500® or Hylar 5000® system is the finest factory-applied finish in the industry, resisting fading and chalking to remain vibrant for years. Many attractive standard color options are available.

While many manufacturers’ warranties are prorated after a certain period of time, we offer our Butler-Cote roof and wall panel warranty for a full 25 years—with no prorating. The 25-year warranty also protects against blistering, peeling, cracking, or chipping of the paint coating. It’s a testament to our high performance standards.
Demonstrating Butler’s commitment to excellence, the Butler Research Center has led the industry in product development and innovation since 1958. The Butler Research Center is the most comprehensive facility of its kind, conducting ongoing tests of Butler’s current materials and products to ensure continual, evolutionary improvements of Butler® building systems.

- All structural steel, panel materials, bolts, fasteners, and sealants are subjected to rigorous quality control
- The strength of components and systems is studied with a variety of full-scale tests
- Panel coatings are tested for such qualities as abrasion resistance, adhesion, color match, gloss, hardness, and a variety of performance characteristics
DESIGN INTEGRITY

Butler is certified by the American Institute of Steel Construction (AISC) as a category MB fabricator. This assures you that our design and fabrication processes are in complete compliance with strict AISC standards.

Butler also maintains the high-quality design standards required as a member of the Metal Building Manufacturers Association.