





KIRBY BUILDING SYSTEMS IS IN CONSTANT PURSUIT OF EXCELLENCE IN THE DESIGN, TECHNOLOGY, MANUFACTURE, AND SERVICE OF ITS METAL BUILDING SYSTEMS.

With a tradition of excellence and industry experience dating back over 60 years, Kirby's quality products include complete framing systems, wall and roof panel systems, and extended bay options — engineered and manufactured by Kirby teammates in Portland, Tennessee.



# KIRBY BUILDING SYSTEMS BETTER SOLUTIONS. BETTER BUILDINGS.

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## BACKGROUND



*Kirby's Portland, Tennessee plant is located just north of Nashville, near the Kentucky border.*

Kirby Building Systems began in 1955 as a general contracting firm in Houston, TX. In 1959, the company began to sell and fabricate its own line of steel buildings under the name of Mes-Tex Steel Buildings, with all components produced out of the Houston, TX plant. Within two years the company began to sell metal buildings on a regional basis, and by 1964, a growing network of Authorized Builders had enabled the company to expand nationally. In 1966, the company was purchased by Kirby Industries, was renamed Kirby Building Systems, Inc., and eventually moved production to Portland, TN. In August 2007, Kirby Building Systems was acquired by Nucor Corporation, a Fortune 500 Company and was renamed Kirby Building Systems, LLC.



## SAFETY

Our attitude toward safety couldn't be clearer – nothing is more important than safety. Nothing!

Through hard work and dedication to continuous improvement of our safety culture, the Kirby teams have been recognized as having world class safety and health programs. Both the Safety and Health Achievement Recognition Program (SHARP) and Voluntary Protection Program (VPP) recognize and partner with businesses and worksites that show excellence in occupational safety and health.

Kirby teammates take health and safety personally. It is pride, commitment, and satisfaction in a job well done each and every day – safely. These achievements shine as models for workplace safety and health among our peers.



## QUALITY & ENGINEERING LEADERSHIP

Kirby Building Systems is a pioneer in adapting technology to the design of metal building systems.

Kirby's engineering staff provides accurate design and quick turnaround of complex projects, enabled by its decades of experience and made even better through the use of state-of-the-art technology.

The fabrication facility uses sophisticated machine tools to translate drawings into precise, quality-controlled building systems.

Kirby's commitment to quality is not just an empty promise. Kirby Building Systems is IAS accredited to make sure that we deliver on it.

By choosing an International Accreditation Service (IAS) AC472 accredited building systems manufacturer, you'll be working with a company that knows quality building systems and has the expertise, resources, and infrastructure to provide quality work. You'll also know your manufacturer complies with the special inspection requirements in Chapter 17 of the International Building Code.

You'll get all this and more when you choose Kirby and any one of its Authorized Builders. As an IAS accredited manufacturer, Kirby is committed to quality, skilled workmanship and customer satisfaction.

## KEY STRENGTHS

Kirby Building Systems has pioneered the design, manufacture and delivery of metal buildings and roofing systems that have set the industry standard. With one of the widest arrays of product offerings, from simple to complex multi-story buildings, Kirby's Builder network throughout North America has the expertise to deliver top quality metal building systems and services. Here are a few of the reasons why.

### PRODUCT DESIGN FLEXIBILITY

Total design flexibility — use Kirby's system either alone or in combination with traditional building materials.

Non-load bearing walls permit clear span interiors unobstructed by interior columns, while special load requirements for cranes or heavy equipment can be incorporated into our design.

Interior layout possibilities of Kirby Building Systems are practically unlimited, enabling the utmost flexibility for workflow or storage requirements.

Kirby Building Systems was one of the first metal building manufacturers in North America to switch to 100% cool coating paint systems as standard, with no up-charge. We offer two panel finish options. Our SP cool coated panels come in several long lasting color choices and a 25 year finish warranty. Coated with special resins that reflect the sun's rays, lower your energy costs and extend the life of your structure. SP colors are a sensible, practical choice for warehouses, agricultural structures and commercial buildings.

For high visibility projects requiring even greater fade resistance and durability, Kirby PVDF cool coated panels offer another "cool" alternative. These panels are available in a variety of beautiful color choices with an optional 35 year finish warranty. PVDF resin chemistry is the most durable, long lasting system on the market. And these coatings help generate lower environmental temperatures, reducing smog and the heat island effect. What's more, they help reduce cooling costs in hot summer months.

Above all, Kirby buildings incorporate fewer parts on the jobsite, which means quicker erection with less labor time.





## WARRANTIES THAT SEAL THE DEAL

One Year Building Manufacturer's Workmanship Warranty.

Our panels are backed by some of the best warranties in the business, with a wide variety of coverage and tougher inspections, all tailored to fit your needs. Our highly flexible multi-level warranty packages can provide you with as little or as much coverage as your project requires.

Kirby cool coating roof and wall panel paint systems protect against chipping, peeling, blistering, or excessive fading and chalking. Panel finish warranties include the following based on the finish type selected: 35 year Limited Warranty for Kynar (PVDF), 25 year Limited Warranty for Silicone-Polyester (SP), and a 25 year Limited Warranty for Zinc-Aluminum Coated (Z/A).

Kirby's standing seam roof panel systems offer unsurpassed performance, appearance and value with a variety of weather-tightness warranty levels available.



## KIRBY COMPONENTS NUCOR STEEL STORE - YOUR ONLINE RESOURCE

Purchasing components through Kirby is easy, fast, and convenient through our online purchasing site, the Nucor Steel Store. As the single largest online source of custom steel construction products, the Steel Store is a convenient online purchasing site complete with part images, details, and a secure account to view your order and shipping information. This mobile friendly online catalog is the easiest, most convenient source for nearly all metal building components.



Kirby offers a full range of secondary structural, purlins, roof and wall systems, doors, windows, skylights, flashing, trim, accessories, and hardware, all with fast delivery direct to your jobsite. Visit the Steel Store at [www.NucorSteelStore.com](http://www.NucorSteelStore.com).

# KIRBY'S WEB-BASED ESTIMATING PROGRAM

EXPERIENCE A  
**BETTER**  
WAY TO QUOTE.

As an Authorized Kirby Builder, you can count on Kirby to give you the professional support and specialized tools you need to succeed in the competitive commercial building industry. At the core of the cutting-edge technology and solutions we offer is eQuote, a proprietary industry leading pricing system designed to provide the most accurate, detailed scope documents to successfully and efficiently quote projects, keeping you ahead of the competition.



## FEATURES AND BENEFITS

### Accessibility

- Accessible any time, anywhere with internet connection
- Runs on multiple devices and platforms
- Web-based — no installs or updates

### Collaboration

- Ability to access shared list of projects
- Streamlined document control
- Simple submission process for quoting and ordering

### Efficiency

- Templates for streamlined input
- Ability to define multiple buildings in a single project
- Streamlined input of supplemental information

### Accuracy

- Clear definition of insulated metal panels
- Existing/future building definition
- Insulation system definition

### Value

- Extensive drawings package
- Clear, concise order documents
- Quickly run multiple alternates to determine the most cost-effective layout

### Renderings

- Upon entering your building specifications into eQuote, your project will be rendered right before your eyes allowing you to easily view a 3D rendering of your building.
- eQuote Renderings can be exported to SketchUp for further visual enhancement.



# KIRBY CAN DO IT ALL

Kirby offers a variety of techniques and solutions that will meet your requirements for exterior aesthetic appearances. Keeping pace with the latest in exterior looks and internal space requirements, Kirby Building Systems has the building solutions for today's major construction challenges.

## HARD WALL BUILDINGS

Kirby fabricates systems for use on hard wall buildings with load bearing concrete or masonry walls. These special systems are designed to be field-erected with site-cast or tilt-up concrete walls, in-plant pre-cast concrete walls, or other hard wall exterior solutions, depending on the specification requirements. The primary framing designs by Kirby Building Systems give the structure a conventional look.

All hard wall systems are designed to accommodate the full range of Kirby Standing Seam Roof systems for optimum, long lasting warranted weathertightness with minimal or no maintenance and are manufactured in our IAS accredited facility. They are designed to provide a competitive construction alternative for many types of building projects.

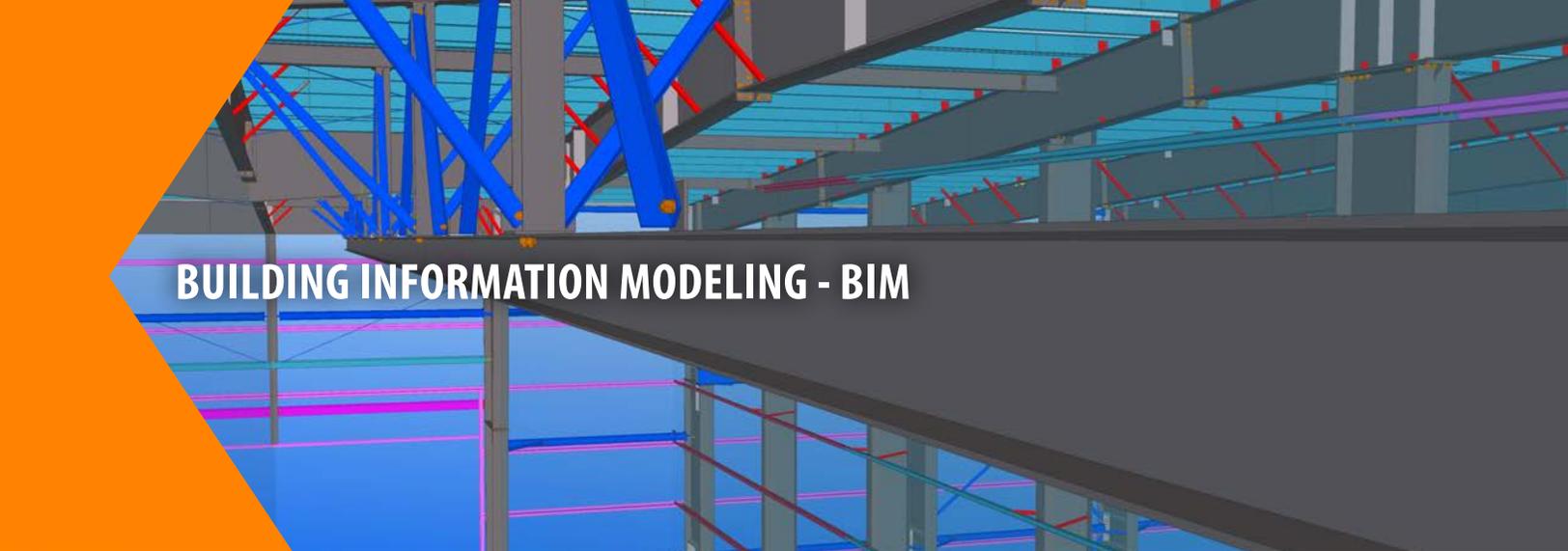


## HEAVY FABRICATION

Kirby's heavy fabrication capabilities blend the efficiency of metal building systems with the strength of conventional steel. This means heavy duty requirements can be met at the most reasonable cost possible with single-source responsibility.

With its complete in-house engineering and computer design groups, Kirby Building Systems can design, engineer and manufacture your heavy fabrication needs in our facility. Our roll forming, welding and plasma equipment and continuous run processing provide uniform quality and measurement accuracy — virtually everything required for heavy structures no matter how large or complex.





# BUILDING INFORMATION MODELING - BIM

## USING BIM 3D TECHNOLOGY

Building Information Modeling is the process of generating and managing building data and its various components throughout the building's lifecycle. Using three dimensional, real-time dynamic building modeling software to increase productivity in building design and construction, the process produces the Building Information Model.

Unlike past 3D innovations in the building industry, BIM is more than a conceptual modeling tool. BIM encompasses building geometry, spatial relationships, geographical information, quantities and properties of building components. When the modeling software is used by manufacturers and principals involved in a building project, the resulting BIM is usable for fabrication. It involves ground-up reality rather than top-down theory.

## WHY USE BIM

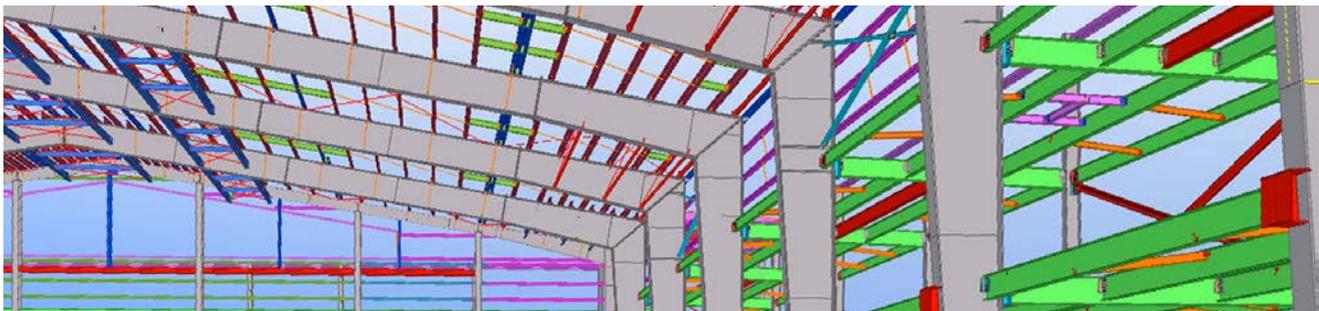
Kirby Building Systems is pairing its proven track record of quality and service with the future of 3D modeling to give builders, general contractors, engineers and architects an edge over competitors in the market.

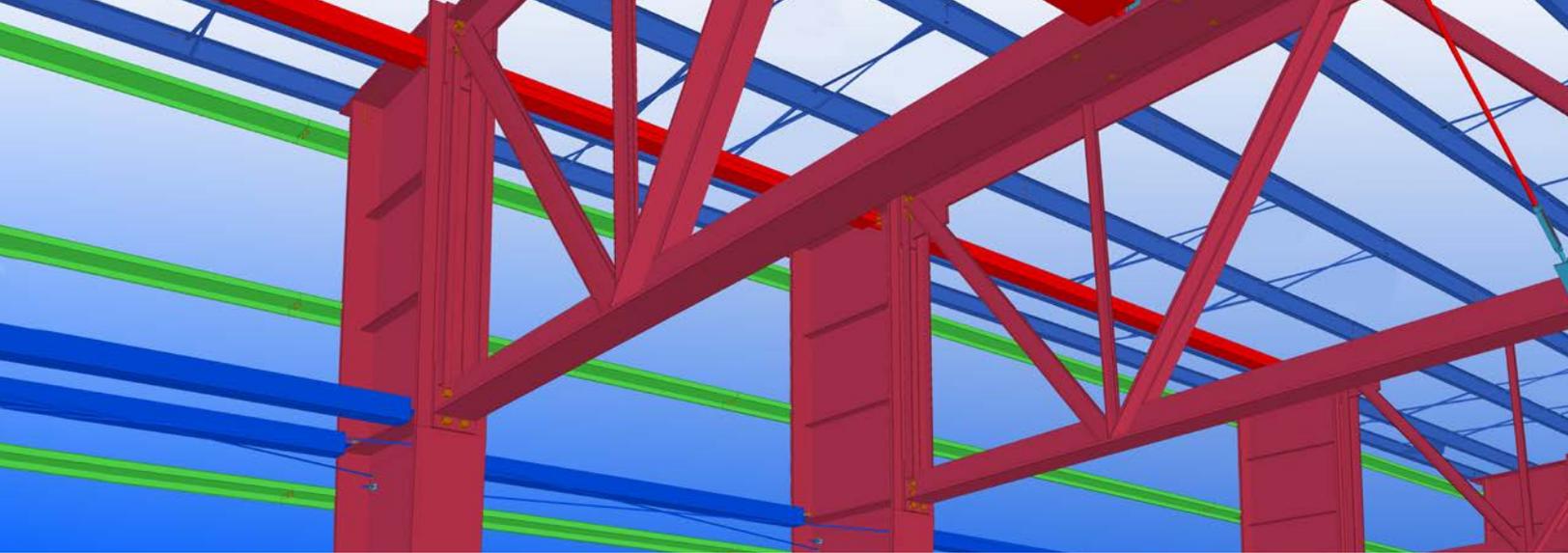
Providing customers with a modeling system that can display an exact replica of their building leads to confidence and peace of mind for the lifecycle of the project.

## DIGITAL PROTOTYPE

The BIM process produces a digital prototype of your project, allowing you to build it virtually before building it in reality. A BIM project isn't drawn in the traditional sense; rather it's built digitally as a database in BIM software. Instead of having to look at hundreds or thousands of separate drawings, schedules, specs and cut sheets for all the information on a particular element, all the pertinent information is built in BIM.

In addition, the building owner gets a digital copy of the completed project model. That model can be used for decades of operation. The major cost of a building over 30 years is in maintenance and operation. Having a digital copy of the completed project that includes all information related to the building eases the task of ongoing maintenance. This is why virtually all governments require building contractors to use BIM for construction of public buildings.

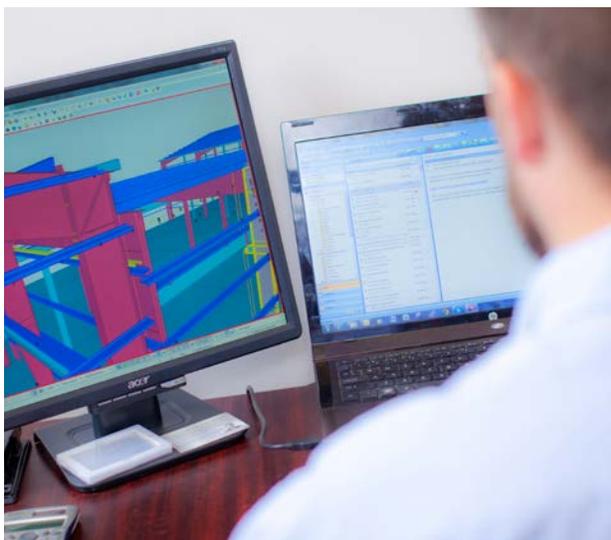
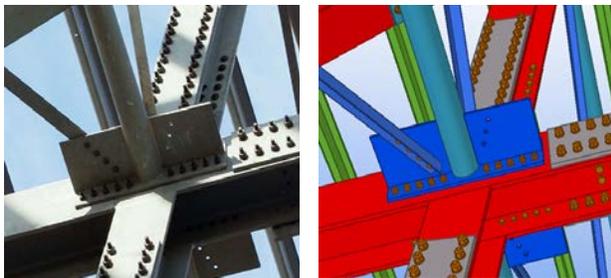




## BIM BENEFITS

### IPD = GREATER COMMUNICATION

BIM seamlessly bridges gaps in communications between builders, owners, architects, engineers and contractors. Utilizing BIM with an Integrated Project Delivery system, or IPD, leverages the power of modeling to facilitate collaborative decision-making. When loaded into our one-of-a-kind steel staging app, ShakeoutPro, your model can significantly speed up construction — saving you time, and money.



### OFFER ADDED VALUE

By offering this added value to their projects, Kirby Builders gain a huge advantage over competitors still building the traditional way.

### SOLVE PROBLEMS BEFORE BREAKING GROUND

Design issues can be addressed and modified early in the process, saving time and money. Visual representations of potential issues enable you to identify clashes and conflicts between architectural, structural and MEP systems.

This means you can resolve potential problems before a building is actually built.

### BIM IS THE CHOICE OF LEADING BUILDERS, ARCHITECTS, FABRICATORS, ERECTORS, ENGINEERS, DESIGNERS, MANUFACTURERS AND OWNERS BECAUSE IT:

- Allows for easier coordination of various software and project personnel through Integrated Project Delivery (IPD) systems
- Serves as a significant resource for erectors
- Produces a working model usable for fabrication
- Leads to increased productivity
- Enables improved communication across project team members, which can significantly reduce change order costs
- Enhances quality control, including clash detection
- Provides comprehensive lifecycle management

# ISO 14001

## IF YOUR BUILDING MANUFACTURER ISN'T ISO 14001-CERTIFIED KIRBY IS YOUR SOLUTION

### WHAT IS ISO 14001?

The International Organization for Standardization (ISO) 14001 is a standard for Environmental Management Systems (EMS) that applies to all businesses, regardless of size, location or income. The standard aims to continually reduce the environmental footprint of a business and to decrease the pollution and waste a business produces. The most recent version of ISO 14001 was released in 2015 and has representation from committees all over the world. As an ISO 14001-certified manufacturer, Kirby is dedicated to protecting our environment and reducing waste, while helping you improve your environmental performance. Green saves money. And that's something we can all bank on.

### A RIGOROUS PROCESS

A company saying it is committed to environmental and sustainable concepts is one thing. Achieving ISO 14001 certification is quite another. In order for an organization to be awarded an ISO 14001 certificate, it must be externally audited by an accredited audit firm. For Kirby, this rigorous, demanding process took a full year and included education and training for every team member.

Much planning and research was invested in order to reach this goal. The process was challenging, but it was an extremely worthwhile investment, as it taught us how to better use resources and protect our environment.

### WHY IS KIRBY COMMITTED TO EMS?

Implementing Environmental Management Systems (EMS) yields both business & environmental benefits, including:

- Improved environmental performance
- Enhanced, sustainable compliance
- Prevention of pollution and conservation of resources
- Reduced risks
- Satisfies customer demand for EMS requirements
- Increased efficiency
- Reduced costs
- Enhanced teammate morale
- Greater teammate awareness of environmental issues and responsibilities

### KEEPING IT GREEN

To continually improve the effectiveness of our Environmental Management System, Kirby is:

- Pursuing pollution prevention and waste minimization opportunities
- Investigating and developing technologies and operations that improve environmental performance
- Regularly evaluating the Environmental Management System and making ongoing improvements.

Kirby Building Systems is making a difference in the world around us.

# GOING GREEN IS EASIER WITH METAL BUILDING SYSTEMS

As an ISO 14001-certified manufacturer, Kirby is dedicated to protecting our environment and reducing waste. Every Kirby teammate is responsible for environmental protection, and we also require contractors, vendors and suppliers to comply with applicable environmental laws.

Metal building systems are the essence of sustainability and “green”, as steel is the most recycled material on the planet. Nucor typically recycles 22 million tons of scrap annually, including 9 million cars. Recycled steel reduces mining waste by 97%, air pollution by 86% and water pollution by 76%. Producing steel through recycling also uses significantly less energy than conventional steelmaking. In fact, the energy Nucor saves annually through recycling compared to conventional steel production is enough to power Los Angeles for 8 years.

The typical Kirby building is manufactured from at least 70% recycled steel. To top that, at the end of its useful life, 100% of a Kirby building can be recycled into a variety of steel products, including new cars, appliances, buildings and bridges.

Kirby Building Systems was one of the first metal building manufacturers in North America to switch to 100% cool coating paint systems as standard, with no up-charge, for all roof and wall panels. This environmentally friendly cool technology was originally developed for stealth aircraft in the U.S. military. These coatings help generate lower environmental temperatures, reducing smog and the heat island effect. What’s more, they help reduce cooling costs in hot summer months.



## VARIETY OF APPLICATIONS



As the metal buildings industry commenced its post-World War II boom, the Quonset™ hut design was prevalent. However, the industry soon gave way to a new form of sheet metal-clad buildings that could be designed and constructed rapidly. The look and design were basic, but the speed with which the buildings could be erected and the jobsite handed over were unsurpassed. However, over the years the demand for aesthetics helped guide the industry to more sophisticated looks and use of materials, while still demanding quick turnaround of product and fast delivery. Kirby helped to lead this change with its use of advanced technology and design techniques.

Kirby Building Systems can be readily combined with traditional materials such as brick, stone, glass or wood to meet any appearance requirement, while Kirby's technology dramatically shortens design, fabrication and on-site erection time for major cost savings and faster occupancy.





## COMMERCIAL

Kirby Building Systems is a leading manufacturer of custom engineered, high-quality building systems for commercial or retail buildings. We bring flexibility and efficiency to the design and construction of your building. Whether it is a modest retail outlet, a large shopping center, a restaurant, or a large automotive dealership, Kirby can provide what you are looking for in the areas of service, design, safety, and versatility.



## COMMUNITY

Kirby Building Systems brings flexibility, as well as efficiency, to the design and construction of your institutional or recreational facility. We can provide wide clearspan interior space so you can utilize your building in a variety of ways and make the most of your construction dollar. Kirby's experience in schools, medical facilities, churches, and indoor recreational facilities is unmatched in the industry.



## INDUSTRIAL

Kirby Building Systems has a system to meet your industrial need. Offering complete flexibility of layout and workflow as required for manufacturing and industrial applications. Whether it is heavy manufacturing buildings for material handling or wide, clearspan staging or storage areas, we can design your building so that when you are ready to grow, you can expand easily without interrupting your business.



## AGRICULTURE

Kirby Building Systems brings flexibility and efficiency to the design of your agriculture needs. We are able to provide lighter loadbearing structures for a variety of storage needs from machinery storage to more complex bulk storage needs. We are also able to offer value engineering when it comes to multiple building dairy barns, as well as any other animal related building. As the agriculture market becomes more and more high tech, we are able to bring common sense solutions to your building needs.



## WAREHOUSE

Kirby Building Systems can meet any functional requirement your warehouse or distribution needs. We bring flexibility and efficiency to the design and construction of your building. Whether it is clear span spaces, long bays, mezzanines, or high eave heights we can meet any functional requirement. Clear heights and widths are always a concern when you need to maximize your building's usable storage capacity and operating efficiency. Kirby brings the expertise you need to help you with these issues.

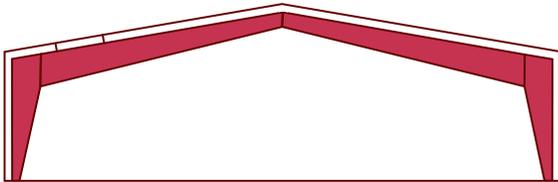


## BUILDING SYSTEMS

Kirby Buildings are constructed in many different shapes and sizes for many applications, from manufacturing and distribution centers, retail and commercial facilities, offices and schools, recreation centers and self-storage facilities, to healthcare and correctional institutions.

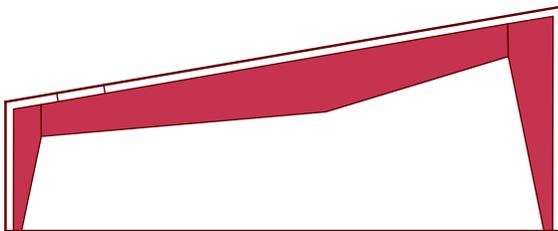
### BUILDING STYLES

Kirby Buildings will custom design your building to comply with your needs and to meet local building code requirements. Each project is reviewed by Kirby's experienced team of building professionals. Most buildings fall into three common designs:



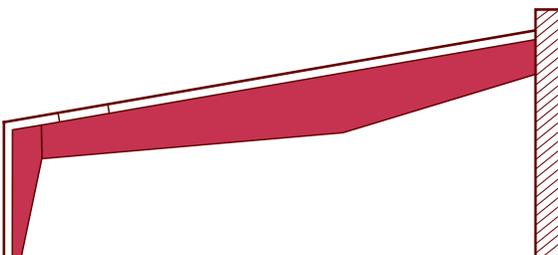
#### GABLE ROOF

A Gable Roof System provides a roof with two sloping sides and a ridge. With tapered columns, this building style is a cost-effective solution for office, warehouse, industrial and commercial applications. The available straight column option provides an optimal system for palletized storage or display racks and is also ideal for shopping centers and other commercial buildings. The roof slope can be as low as 1/4:12 or as steep as 6:12. The Gable Roof System is available with clearspan frames or with interior columns, providing economical solutions for wide buildings.



#### SINGLE SLOPE

A Single Slope System provides a building with one roof surface. With single-side drainage, these systems are suitable for manufacturing facilities, warehouses and retail shopping centers. Tapered columns provide an inexpensive solution for wider buildings, while the available straight columns allow for maximum usage of interior space. The roof slope can be as low as 1/4:12 or as steep as 6:12.



#### LEAN-TO

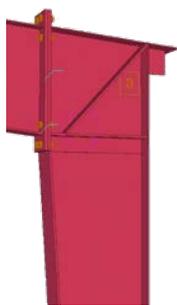
A Lean-To System provides a cost efficient means of making a building wider by utilizing a single slope system to extend the roofline of a building or by attaching to a lower level on the building. This is ideal when additional space for offices or storage is needed.

Kirby Building Systems has the advanced design, engineering and manufacturing capabilities to be a single-source supplier for a wide range of metal building systems. Kirby accomplishes this by offering a variety of building styles, framing styles, column shapes and girt conditions that can collectively satisfy virtually all building requirements.

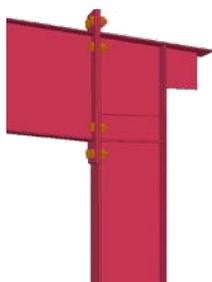
## COLUMN SHAPES

Column shapes are determined by several factors, including a building's required roof slope and interior clear spans. Kirby provides two styles of column shapes. The Tapered Column is normally found in buildings where interior finishing is limited, such as warehouses, distribution centers and storage facilities. The Straight Column allows for interior walls & maximum use of interior space.

### Tapered Column



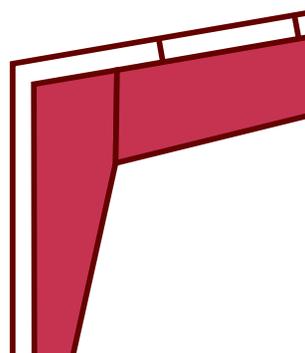
### Straight Column



## FRAMING STYLES

The Rigid Frame is the most economical and most popular style primary frame for clearspan and modular widths. It is normally used in buildings to provide an economical solution while maintaining greater clearances. Kirby also has the ability to produce many special shape frames, such as gambrel, multi-gable, western, etc. to meet your individual project requirements.

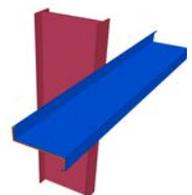
### Rigid Frame



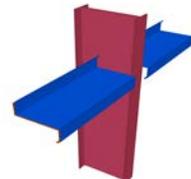
## GIRT CONDITIONS

Girt conditions refer to the method in which horizontal girts are attached to the exterior columns in a building. The most common condition, the Bypass Girt, makes a continuous run around the outside of a building's columns, providing an air space the width of the girt between the column and the exterior panels. An Inset Girt minimizes the air space between the columns & exterior panels. Flush Girts provide no air space between the columns and exterior panels, yet offer the maximum amount of floor space.

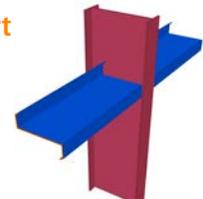
### Bypass Girt



### Inset Girt



### Flush Girt





## CLEARBAY® ROOF JOIST SYSTEM

In the growing market for larger, more open buildings and faster installation, Kirby's ClearBay Roof Joist System offers the solution. Spacious bays up to 60' provide the ultimate in versatility and open spaces owners need for any number of applications.

### CLEARBAY® ROOF JOIST SYSTEM

Kirby's roof joist system, ClearBay, provides the ultimate in versatility and open spaces for any number of applications, including hangars, large indoor recreational buildings, warehouses and more. Using BIM 3D modeling technology, we are able to accurately depict the bridging as well as all structural elements during the design process, helping to ensure accuracy and saving you time and money.

#### SINGLE SOURCE PROVIDER

By partnering with our sister division, Vulcraft, Kirby is able to engineer the most economical roof joist system for your metal building. Kirby's wide bay roof systems provide design flexibility, building size flexibility, bay size flexibility and delivery flexibility - all from a single source insuring components that fit.

#### LOWER FREIGHT COST

Kirby's roof joists are manufactured in multiple strategic locations throughout the United States. Joists are delivered quickly and freight costs are significantly reduced.

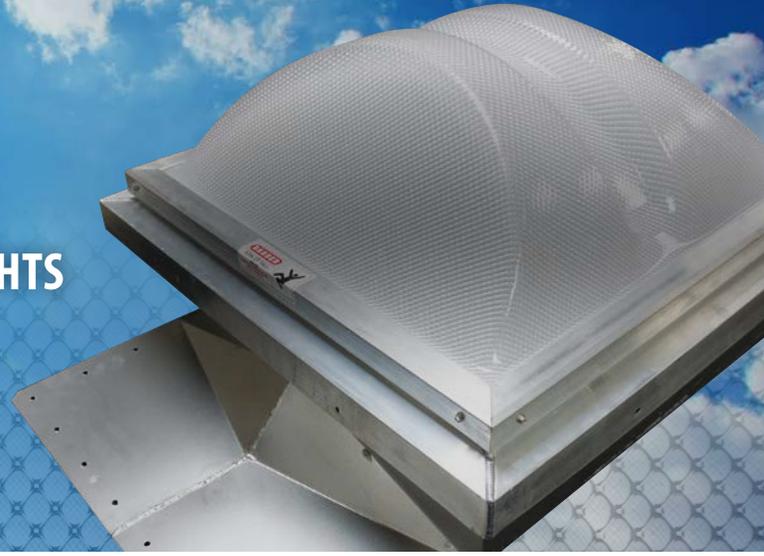
#### MADE IN AMERICA

Kirby's joist systems are designed, detailed and manufactured in American plants using American-made steel.

#### FLEXIBLE BRIDGING CONNECTIONS

Kirby's joist systems are available with fully-bolted connections reducing the need for on-site welding. Fully welded connections are available, however the bolted option often leads to faster and more economical construction costs.

# DAYLIGHTING WITH PRISMATIC SKYLIGHTS



## HIGH PERFORMANCE PRISMATIC DAYLIGHTING

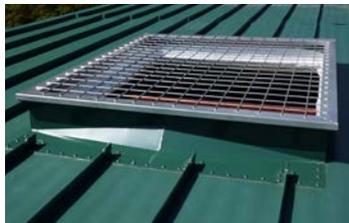
### MAXIMIZE LIGHT TRANSMISSION INTO YOUR BUILDING

Daylighting with prismatic skylights is the controlled admission of natural sunlight into your building using diffused skylights in conjunction with energy-efficient lighting and a day-light-responsive lighting control system, maximizing your energy savings. Kirby's prismatic skylights allow 100% diffusion and transmit 35% more light than conventional skylights - virtually eliminating hotspots and glare within your building.



### CURB MOUNTED PRISMATIC SKYLIGHT

Perfect for new construction or retrofit applications with any Kirby roof, this patented skylight is designed with a double-glazed acrylic over acrylic lens. Using the highest UV resistant materials ensures the highest visible light transmission. This high-performance design has no moving parts and is stronger than required by current building codes.



### ROOF CURB SYSTEM FOR PRISMATIC SKYLIGHTS

Specifically designed to fit the various Kirby roof profiles, our roof curb system comes as a complete kit. Steel lined with an insulated curb wall, it requires no secondary framing. Every roof curb component has been selected to withstand severe weather conditions over a long period of time, and enables lightweight roof accessories such as skylights and smokevents to be installed with ease.



### LED LIGHTING AND CONTROLS

Combining your prismatic skylights with energy efficient LED lighting and controls can potentially reduce your annual electric lighting energy consumption by 40-60%.

## PANEL SYSTEMS

All of Kirby's roof panels are made of zinc coated (galvanized) or aluminum-zinc alloy-coated steel. All panels are available with Kirby's proprietary SP cool coated or zinc-coated finishes, available in a broad range of colors that can be warranted for an optional 35 years against blistering, chalking or fading. Embossing of panels and trims is also available to enhance panel appearance.

### PANEL FINISHES

#### VIVID COLOR. ECO-EFFICIENCY. LOW MAINTENANCE RELIABILITY.

Nothing works better or longer than our "cool" paints that feature our 35 year warranty. This revolutionary coating system consists of PVDF resin, acrylic resin, and ceramic pigments, which give the product its incredible color, durability (fade resistance) and energy efficient "coolness." PVDF resin chemistry is the most durable, long-lasting system on the market. It is transparent to the ultra violet light that breaks down other coating systems. Whereas non-cool materials absorb a majority of the sun's rays and generate heat, cool resins reflect them, keeping the paint coating itself cooler. This technology not only maximizes the life of your panels, it can ultimately lead to lower cooling costs.

The carbon-fluorine chemical bond in PVDF is photo-chemically stable (resistant to sunlight's ultraviolet rays) and inert against acids, bases and chemical attack.

In addition to our selection of beautiful PVDF cool coated panels, Kirby Building Systems offers SP cool coated panels in a variety of color choices. SP panels feature a 25 year finish warranty. Coated with special resins that reflect the sun's rays, our SP panels lower your customers' energy costs while extending the life of the structure. This makes SP panels a sensible, practical choice for large warehouses, agricultural structures and commercial buildings. However, for high-visibility projects requiring even greater fade resistance and durability, PVDF cool coated panels offer the best option. Having choices gives you more flexibility and more options to make your building a success. SP and PVDF are the "cool" choices for all your building needs.

#### PAINT FINISH WARRANTIES

We're proud of the fact that we offer the best warranties in the industry, such as our standard 25 year SP paint and 35 year PVDF paint finish warranties.



## INSULATED METAL PANEL SYSTEMS

Kirby offers a selection of insulated wall and roof systems to accommodate the needs of any project. The wide panels install quickly and easily. Fasteners are concealed within the panel side joint, and the attractive profiles are an ideal solution where energy-efficient panels are required.

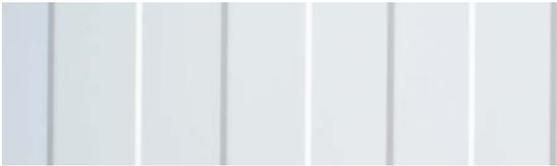
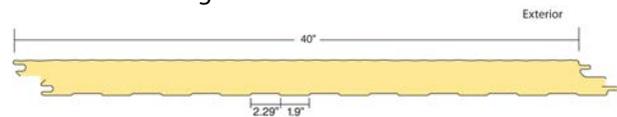
### THE ULTIMATE IN ENERGY EFFICIENCY

You get 100% reliable thermal performance and insulation continuity with no cavities, no gaps, no crushed insulation and no cold bridges. No changes of R-value occur when purlin and girt center dimensions are varied. The insulated core is one of the most thermally effective materials commonly available today. Insulation values can be easily increased by simply increasing thickness of the panels. Significant improvements are achieved in airtightness over many other types of construction.



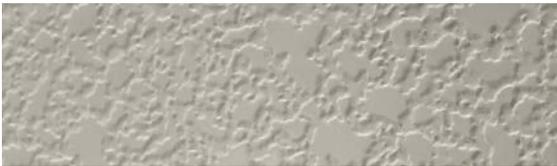
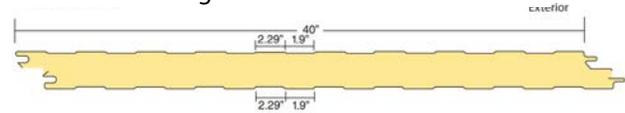
#### Striated Profile Wall Panel - ST40

Exterior Finish: Light Embossed



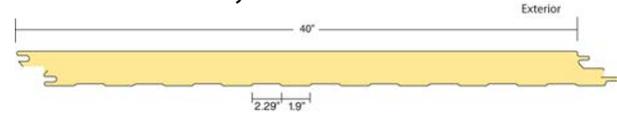
#### Double Mesa Wall Panel - DM40

Exterior Finish: Light Embossed



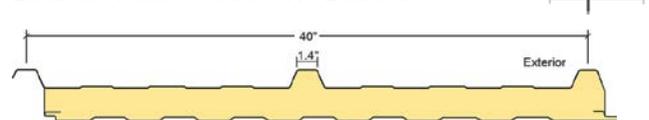
#### Heavy Embossed Wall Panel - HE40

Exterior Finish: Heavy Embossed Flat



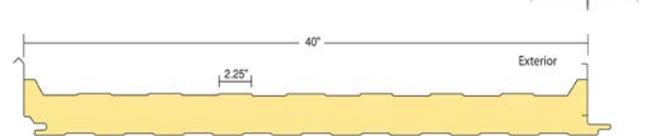
#### Hi Rib Roof Panel - HR3

Exterior Finish: Smooth - No Emboss



#### Standing Seam Roof Panel - SR2

Exterior Finish: Smooth - No Emboss



#### ADOBETEXTURE™ FINISH OPTION

AdobeTexture™ factory finish coated wall panels offer a multi-textured profile with a matte finish that simulates a troweled stucco appearance. This unique patented process eliminates the need for additional or factory applied stucco coatings. This factory-rolled texture combines an attractive appearance with durability, resisting the effects of impact, abrasion and weather.



## KIRBY BUILDINGS WALL PANELS



### **KW - KirbyWall**

These wall panels provide 36" width coverage and reveal a sculpted appearance. With semi-concealed fasteners, the panels have a 1-5/16" high rib and are made of 26 gauge steel.



### **KRII – KirbyRib**

These wall panels have 1-1/4" ribs on 12" centers for an even-shaded appearance. They offer 36" width coverage and are reinforced between the ribs for added strength. Panel is available in 26 gauge steel as standard, 22 and 24 gauge are available as a custom order.



### **KRP - Kirby Reversed Roll Panel**

These wall panels provide 36" width coverage with a decorative shadow line and semi-concealed fasteners. Rib height is 1-1/4" on 12" centers; and this panel is available in 26 gauge steel as standard 22 and 24 gauge are available as a custom order.



## KIRBY BUILDINGS ROOF PANELS



### KRII - KirbyRib

These roof panels have 1-1/4" ribs on 12" centers for an even-shadowed appearance. They offer 36" width coverage and are reinforced between the ribs for added strength. Panel is available in 26 gauge steel. 22 and 24 gauge are available as a custom order.



### SS360 Standing Seam

Our SS360 standing seam roof floats on a system of sliding clips that prevent damage from thermal expansion and contraction. SS360 panels provide 24" width coverage with 3" high trapezoidal ribs. Standing Seam 360 panels are joined by an electric seaming machine, developing a full 360° rolled seam to ensure weathertightness — a seam type preferred by many architects and specifiers.



### RL - RoofLok with 90° Seam

### RLP - RoofLok-Plus with 360° Seam

RoofLok and RoofLok-Plus offer a flatter profile standing seam roof system. The attractive appearance makes it a good option for architectural and high slope applications. Both systems are mechanically field-seamed with an electrical seaming tool. The panels have a 2" tall vertical seam and provide a 16" coverage width.

## ACCESSORIES

In addition to providing a comprehensive metal building system, Kirby offers a variety of optional products sourced from reliable outside partners to accessorize and enhance virtually any building system, thus making Kirby a single-source supplier for custom engineered metal building systems. Some of the many accessories available with a Kirby system include:

### WALK DOORS

Our pre-assembled walk doors include all hardware and are self-framing for ease of installation. Knock-down doors are shipped with all components for field assembly. Both door types are ADA compliant, foam insulated, include 14 gage heavy duty sub-jambs and an aluminum threshold.



### DOOR OPTIONS AND ACCESSORIES

Supplement a pre-assembled door system with factory-installed options and accessories to suit any need, such as standard duty or heavy duty closers, panic devices, standard mortise locks, ball-bearing hinges, latch guards, glass “lites” or glass panes, available in narrow vision or half glass.



### WINDOWS

Improve the view with a window system designed specifically for metal building systems, available in standard or custom styles and sizes in Standard, Narrow Light, or Thermal Barrier options.



### TRANSLUCENT PANELS

For additional indirect lighting needs, translucent wall and roof systems – made of woven fiberglass cloth and glass fibers and created in the same configuration as metal wall or roof panels.



### FLAT SOFFIT PANELS

Designed for commercial soffit applications where a flush modular appearance is desired, painted steel flush soffit liner panels are made of 24 gauge zinc-coated or aluminum-zinc alloy-coated steel with standard profiles available in 12" widths.



### ROOF CURBS AND SUPPORT SYSTEMS

Roof curbs are available in a full line of options and accessories designed to support HVAC units, roof hatches and other openings and have a 20-year material warranty.



### DOWNSPOUTS AND ELBOWS

Essential for proper drainage, downspouts and elbows are available in 26 gauge corrugated zinc-coated or aluminum-zinc alloy-coated steel with a color coordinated pre-painted finish.



### PIPE FLASHING

To eliminate the possibility of water back-up which can cause leaks, single-piece pipe flashing is made from an EPDM membrane and is flexible for mounting on any roof slope.



### RIDGE VENTS (STANDARD AND LOW PROFILE)

To control the movement of fresh air through a building while removing hot, stale and contaminated interior air, stationary, gravity-flow single or continuous ridge vent systems can properly and effectively control air movement.



### WALL LOUVERS

Wall louvers provide excellent ventilation in vertical positions and are self-mulling and self-flashing, requiring no additional flashing to complete installation.



### DOOR CANOPIES

Canopy kits are available in different lengths and projections that are perfect for installation over a walk door or window. The canopies are constructed of 26 gauge material around an 18 gauge galvanized frame. The design incorporates a flat soffit and an integral gutter drain.



## WHY CHOOSE AN IAS ACCREDITED MANUFACTURER?

### YOU KNOW QUALITY IS IMPORTANT. BUT HOW CAN YOU BE CERTAIN YOUR BUILDING SYSTEMS MANUFACTURER IS DELIVERING ON ITS QUALITY PROMISE?

By choosing an International Accreditation Service (IAS) AC472 accredited building systems manufacturer, you'll be working with a company that knows quality building systems and has the expertise, resources and infrastructure to provide quality work. You'll also know your supplier complies with the special instruction requirements in Chapter 17 of the International Building Code.

Kirby Building Systems has achieved accreditation under the International Accreditation Service (IAS) AC472 Inspection Program for Manufacturers of Metal Building Systems. IAS AC472 covers structural welding (modeled after AC172), cold form steel fabrication, and engineering. To achieve accreditation, a manufacturer must have in place a comprehensive quality-assurance program unequalled in the marketplace.

When you do business with an IAS accredited manufacturer, it shows. It means that you're serious about the quality of the materials that go into your building and the capabilities of the company who supplies them. You get all this and more when you choose Kirby Building Systems and one of its Authorized Builders.

As an IAS-accredited supplier, Kirby Building Systems is committed to quality, skilled workmanship and customer satisfaction.







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