

ENGINEERED BUILDING SYSTEMS



www.RigidBuilding.com

AGRICULTURAL BUILDINGS

AVIATION - HANGARS

COMMERCIAL BUILDINGS

INDUSTRIAL FACILITIES

INSTITUTIONAL BUILDINGS

RELIGIOUS FACILITIES

SELF STORAGE SYSTEMS



INNOVATION - NEW TECHNOLOGY - BETTER PRODUCTS - GLOBAL REACH

Introduction

On a hot summer Houston day in 1990, two engineers decided to pursue the American Dream. Having risen to the top of their professions in their chosen industry, Fred Campana and Alex Ghodsi decided to take the plunge and invest the five dollars necessary to start an Engineering Consulting firm - Rigid Structures. This five dollars was the only money privately invested in the company. To this day, Fred Campana and Alex Ghodsi - are still actively involved in the company.



In 1993 with the investment capital beginning to accumulate from the consulting business, the owners decided to expand the business with the formation of Rigid Building Systems. Rigid Building Systems was formed to develop the front end of a metal building company. Personnel were hired for building sales, estimating, contracts and detailing.



It was at this time that the owners realized the significance of employing highly skilled and qualified professionals to guide each project through every department in the company. With time, dedication and hard work, Rigid had become known as a company who could consistently out-perform their competition in terms of economics and speedy delivery.

On June 12, 1995 - five years after starting the consulting business - Rigid opened the doors to its brand new manufacturing plant in Houston, Texas. Rigid incorporates the best in methods of production, purchasing and service. The result of which gives Rigid's customers much more value that they could receive anywhere else in the industry.



Throughout the years Rigid continued to see growth and expansion in the metal building industry. In 2008 the steel industry faced a significant impact with the price of steel rising at a volatile rate along with the downturn in the economy - Rigid was no exception to these occurrences. In order to secure the stability of the company Fred and Alex realized the company needed to broaden their horizons and expand into the international market. In 2011, Rigid Building Systems officially became Rigid Global Buildings. The transition into the global market brought financial stability as well as a means to reach a larger international audience.

Rigid Global Buildings is still the same manufacturing company it was back in 1995. Leading the way back then, Rigid Global is leading the way into the future.

Thank you for your interest in our products and services. We strive on building long lasting relationships with our customers and we would like to earn your trust and establish a business relationship with you. If you have any questions about any of our products or to get started please give us a call today at 888-GO-RIGID!

Mission Statement

Working united as a team, we still routinely examine our internal business operations with the intent to encourage innovation and strive towards the ultimate achievement - **EXCELLENCE**. Excellence is not an occurrence, it is the product of conscientious efforts of our employees.



Manufacturing

Rigid Global Buildings has developed a state-of-the-art manufacturing facility and material work flow system that is the best in the industry. Our innovative use of technology and CNC machinery provides the highest quality building systems available at competitive pricing that gives you the customer substantial savings.

As a single source manufacturer, your Rigid building is engineered and manufactured as a system with all components necessary to insure fast - on site erection! Service is delivering a quality product on time, engineered and fabricated to exact standards using automated CNC controlled machinery and robotics throughout the manufacturing process. Rigid provides a revolutionary estimating program to allow our clients to competitively price buildings with canopies, fascias, partitions, liners and more in a matter of minutes. Rigid's professional staff of engineers and architects can estimate and design the most complex buildings. Upon initiation of a contract, our innovative programs provide computerized design, erection drawings and bill of materials for expedited delivery.



Rigid Global Buildings is recognized as the leader in the metal building industry with our innovation and use of new technology to manufacture better products. When choosing a manufacturer for your next building project choose wisely - Choose Rigid!

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Capabilities

Our steel systems construction offers value on any low-rise commercial building need. From retail space - to a light industrial center - to a busy community center - Rigid Global Buildings provides aesthetically pleasing, cost-efficient space. At Rigid Global Buildings you have the ability to customize your building as you want. You can choose the architectural exterior that suits your project and design the interior space to customize your individual or business needs.

Many design build projects require structural engineers to work directly with the architect during the conceptual design stages to determine the structural framing requirements for these types of special projects. Rigid's engineering expertise becomes evident for these types of structures. With over 100 years of professional engineering experience on staff, including both Fred Campana and Alex Ghodsi, Rigid can offer innovative and economical structural solutions to these complex structures.

As a privately owned and operated business, we regard each project as a reflection of our company. Our name and reputation characterize the buildings we manufacture and deliver; therefore, we design and fabricate our products accordingly.



AGRICULTURAL BUILDINGS

Riding Arenas - Horse Barns - Dairy Barns - Ag Confinement Buildings

AVIATION - HANGARS

Single Hangars - Hangar Homes - Commercial Hangars

COMMERCIAL BUILDINGS

Commercial Strip-Centers - Stand Alone Buildings - Dealerships - Marinas - Banks

INDUSTRIAL FACILITIES

Warehouse Buildings - Manufacturing Facilities - Industrial Plants

INSTITUTIONAL BUILDINGS

Fire Stations - Libraries - Court Houses - Health Care Facilities - Educational Facilities

RELIGIOUS FACILITIES

Churches - Sanctuaries - Recreation Centers - Community Centers

SELF STORAGE SYSTEMS

Single Story - Multi-Story - Climate Controlled - RV/Boat Storage

Agricultural Buildings

At Rigid Global Buildings, we know how important your farm or ranch is to you. That is why we design buildings to meet the unique needs of the agricultural market. From clear span designs to bay spacing that meet the demands of your project, we can provide you with the correct building for your project needs.



Riding Arenas

Choose a clear span design that meets the needs of your riding style. From 60' wide to over 200' clear span, Rigid Global Buildings can provide a building that will be clear of any interior obstacles for your riding enjoyment. Options such as wall light panels and ridge vents add to your comfort while riding indoors in all kinds of weather. Whether your riding arena will be for indoor or outdoor use, we have the building for you.



Horse Barns

Whether you need space for one horse or twenty, Rigid Global Buildings can provide a building that meets you and your horse's needs. Simple gable designs to monitor roofs can all be done economically using a Rigid building. Design considerations such as wash racks, hay storage or tack rooms can all be incorporated into your design.



Livestock / Storage

Freestall barns, transfer alleys, milking parlors, hay storage and livestock shelters are all economical building types when you build with Rigid. With the ability to galvanize the primary and secondary members, Rigid can provide products to maximize the longevity of your building. Protect your valuable investment with a building system from Rigid Global Buildings.



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Aviation - Hangars

Rigid Global Buildings provides building systems for every segment of the aviation industry. Whether it is a small private hangar for your hobby plane or an executive hangar for a corporate jet, Rigid is ready to assist you in designing a hangar to meet your needs and your budget. Each hangar can be individually engineered to meet specific requirements. Depending on what your requirements are, there are a variety of doors available for your hangar including: bifold, tilt-up and large double sliding. Hangars may be designed using a gable symmetrical, gable unsymmetrical or single slope structural systems.

Fixed Based Operations (FBO's)

Your business is dependent on accommodating whatever aircraft may be coming your way. Clear span designs provide column free interiors for wide open floor space and eave heights that can accommodate larger aircrafts.

Maintenance Hangars

Clean protected environments are key to a comfortable work area. A Rigid building system can be designed to have an overhead crane for engine overhauls or a ventilation system for a paint booth. Any specific need can be accommodated utilizing a building system from Rigid Global Buildings.

Storage

Storage hangars can be simple box buildings to single or double nested tees. Choosing sliding doors or bifold doors to access your hangar space. Interior partitions provide privacy and protection for your investment.



Commercial Buildings

When building a commercial project you should choose the most cost effective solution on the market today - a pre-engineered steel building from Rigid Global Buildings. Our building lengths and widths are virtually limitless to accommodate any commercial need at an affordable price. Steel Buildings do not have to look like box buildings anymore, we also offer a variety of siding to enhance any project with a stone or rock facade to a clean stucco look. Rigid Global Buildings is here to make your building look the best it can - and stay in the budget you want.

Office / Warehouse

Why waste time and money with traditional construction methods? Rigid will save you time and money because our buildings erect in a fraction of the time it takes to build a wood frame or block building. Up to three stories can be handled using a building system from Rigid Global Buildings. If your look needs a clean distinguished stucco finish take a look at our StuccoLite siding panels - or if you need a rock face check out our RigidRock siding panels. We have what you need to make your building look perfect!

Flexibility is key when constructing space for office or warehouse use. Choose from a variety of exterior material from standard through fastener sheeting or insulated panel systems to tilt up wall panels. A wide variety of interior columns can be laid out to maximize the economy of your project.



Retail

Rigid Global Buildings understand the flexibility needed when constructing retail store space. That is why we offer steel frame buildings that are fully customized to handle the needs of flexible retail space. Whether your office suite needs load/bay doors for shipping/receiving or a clean rock/face finish, Rigid can design your next building to meet your needs!

Industrial Facilities

Our customers appreciate our vast knowledge in the design and fabrication of industrial related buildings worldwide. Rigid Global Buildings has supplied a large variety of industrial buildings including warehouses, manufacturing facilities and industrial plants, and generator and compressor buildings. Industry leading experience allows us to deliver a quality product at a competitive price to exact standards and specifications.

Warehouse Buildings

Rigid's Beam and Column type buildings provide the most economical solution when large, open areas of floor space are required. This type of building is ideally suited for warehouses or other industrial applications. Our twelve inch purlins (12") provide an economical solution for bay spacings up to 40 feet, thus eliminating the need for bar joists.



Manufacturing Facilities

Industrial structures often utilize top running cranes, underhung cranes, monorails, jib cranes and gantry cranes. Rigid can design buildings to support any combination of these cranes to meet any project requirement.



Industrial Plants

Rigid Global Buildings can supply a wide variety of buildings ranging from natural gas field compressor buildings to cogeneration facilities for power companies. Give us a call on your next industrial project!



Give us a call to discuss your next project today!
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Institutional Buildings

Institutional buildings can be extremely complex when it comes to detail, which is why Rigid excels in the manufacturing of Institutional buildings. Whether you need a school, hospital, gymnasium, fire station or court house - give Rigid Global Buildings a call and let us show you the importance of detail.

Fire Stations

Rigid Global Buildings engineers and manufacturers buildings for every fire department's needs and budget. Neighborhood fire stations benefit from Rigid's attractive standing seam roof systems that compliment your architect's design. Whether you need an ambulance garage, airport fire station or a rural fire department, we can assist you with the economical designs for equipment, attached offices or living quarters. Rigid can also accommodate your building for any door system that you choose.



Schools

Rigid's expertise in combining pre-engineered and structural steel provides a single source manufacturer for your school. The gymnasium, classrooms and administrative offices benefit from Rigid's low cost steel structure and fast construction time. The exterior may be finished in masonry, stucco or other wall treatments to provide a durable, beautiful appearance. The low lifetime maintenance costs of a Rigid Standing Seam Roof enables the school to reduce ongoing expenses.



Government Facilities

Federal, state, municipal government, corps of engineers and military bases have all been awarding building contracts utilizing Rigid Global Buildings for many years. The Metal Building industry dictates a strict guideline for quality and assurance when it comes to the manufacturing of metal buildings. Rigid follows these industry standards to ensure you are getting a quality metal building. Because Rigid has an in-house staff of engineers and designers, we can offer quick turnaround on submittal drawings and delivery accommodating critical scheduling.

Religious Facilities

Rigid Global Buildings realizes that no two churches or congregations are alike. That is why we offer building systems that are fully customizable to accommodate your worship needs at a price your congregation can afford. By combining the metal building system with conventional exterior materials such as brick, stone, wood, stucco or even RigidRock, the structure can be aesthetically appealing while providing the perfect solution to your worship needs.



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Sanctuaries

Religious facilities ranging in size from 50 members to 10,000 members or more can benefit from the economies of a Rigid building system. Working with your building committee or architect, Rigid Global Buildings can be a partner in developing a worship center that keeps your budget and congregation in mind.

Recreation Centers

Giving our youth a place to congregate has a distinct appeal using a building from Rigid. Designing a building sensitive to the needs of your members is important. Buildings can be designed for half or full court basketball or many other activities that are important to your church. All can be affordable using a metal building system from Rigid Global Buildings.

Community Centers

It is equally important for the adults in your congregation to have a place they can gather to meet as well. Whether they are hosting a special gathering for the holidays or the choir needs a place to practice, a community center is perfect for any use.



Self Storage - Mini Warehouse

Rigid brings experience and expertise to the field of self storage. Our design knowledge and purchasing power allow us to provide the lowest priced product in the least possible time. Our design flexibility allows for mixing unit sizes as required to maximize profits for the storage facility complex.



Single Story

Traditional peak roof designs and single slope designs are available from Rigid Global Buildings. Roll up doors for each storage unit may be located on one or both sides of the building and on the endwalls for smaller units. Each unit is fully partitioned in steel for a secure, easily maintained storage space. Exterior walls can be one of Rigid's durable steel wall panels available in a variety of attractive colors or masonry or stucco facades to enhance the aesthetic appearance of your storage complex.



Multi-Story

Rigid's multi-story self storage warehouses provide the maximum number of storage units within a limited property size. Your Rigid building may be designed for stairs and elevators for easy tenant access to their storage unit. An on site manager apartment can also be incorporated into the design or provided as a separate building.



Climate Control

Rigid's climate controlled warehouses can be engineered and manufactured with up to an R40 insulation system. A more energy efficient structure from Rigid can reduce your energy costs year after year. Rigid's "Cool Roof" is available as part of your overall energy code compliant building system reducing air conditioning costs.



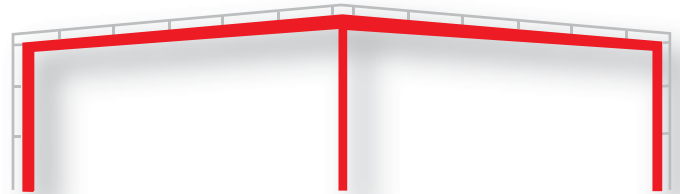
Framing Systems

Beam & Column (BC)

The Beam & Column system is ideal in situations where a vast area of floor space is necessary. The flexibility of the Beam & Column design allows it to be utilized for any industrial or warehouse purpose.

Available Dimensions:

Bay Spacings:	20 ft - 30 ft
Eave Heights:	10 ft - 25 ft
Spans:	80 ft - 300 ft
Modules:	40, 50, 60 and 75 ft
Gable or Single Sloped	

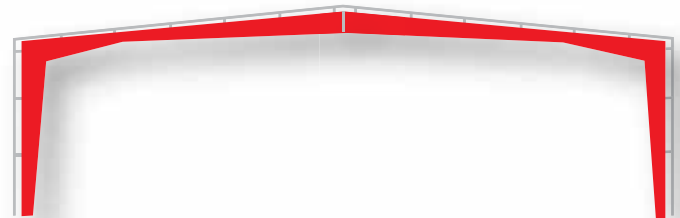


Rigid Frame

The Rigid Frame is the ideal system when economical, column-free interior space is desired. Clear spans up to 200' are available.

Available Dimensions:

Bay Spacings:	20 ft - 30 ft
Eave Heights:	10 ft - 25 ft
Spans:	20 ft - 200 ft
Gable or Single Sloped	

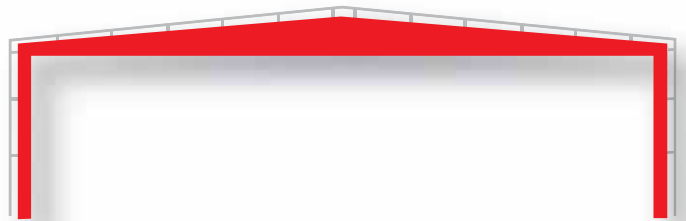


Straight Column (SC)

Straight Column systems are utilized when a clear interior space up to 70' wide is necessary. The column-free interior allows the total amount of floor space to be put to use. This design is often found in small offices and other Commercial applications

Available Dimensions:

Bay Spacings:	20 ft - 30 ft
Eave Heights:	10 ft - 20 ft
Spans:	20 ft - 70 ft
Gable or Single Sloped	

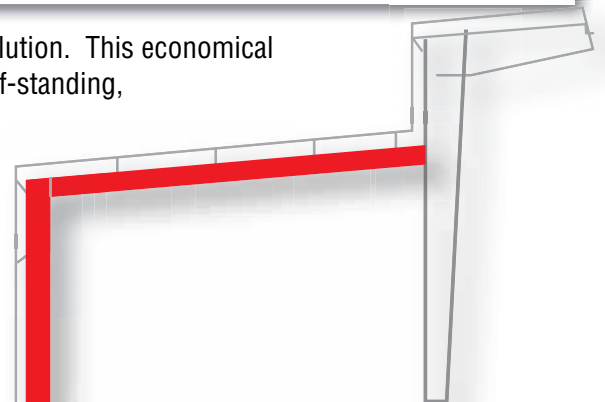


Lean-To

When extra space is needed, the Lean-To can provide the most practical solution. This economical system may be attached to any type of structure, or it may be used as a self-standing, shed-type facility.

Available Dimensions:

Bay Spacings:	20 ft - 30 ft
Eave Heights:	10 ft - 25 ft
Spans:	20 ft - 50 ft
Gable or Single Sloped	



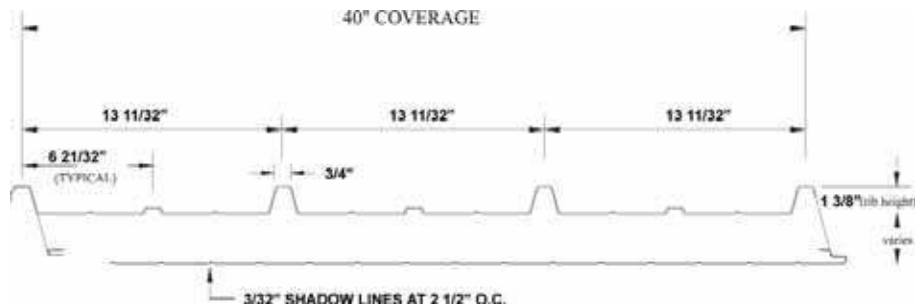
Roof Systems

RHR-9000 High Rib Roof Panel

This versatile insulated panel is equally impressive for exterior wall or roof applications. Available with R-values up to 42, the RHR-9000 gets especially high marks as a roof panel for commercial buildings, recreational facilities, cold storage buildings and other low temperature applications. It is designed for use in both new and retrofit applications where speed of erection, light weight and thermal efficiency add value to the roofing system.



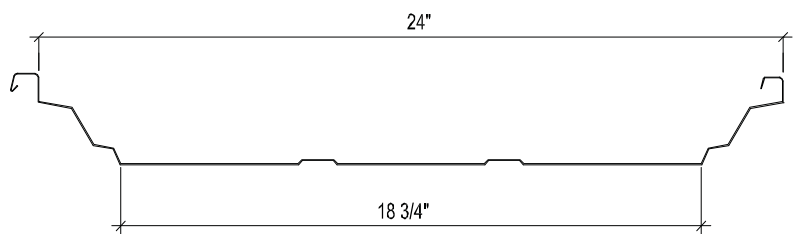
Panel Thickness: 1.5, 2, 2.5, 3, 4, and 5"
R-value by ASTM C-236: 14.2, 18.2, 22.2, 26.2, 34.2, 42.2
Panel Width: 40"
Panel Length 48' 0" standard maximum



HI-TECH Series Standing Seam Roof Panel

Rigid has used the latest technology available to develop an outstanding Standing Seam metal roof system with components and techniques that outperform others by specifically addressing current and anticipated building codes and roofing requirements.

Our proven, patented seam utilizing the TS-364 panel system's technology provides superior wind and weather protection under all loading conditions, the seam geometry and seaming methods to virtually assure that your installed roof will perform as it was designed at a minimal cost.



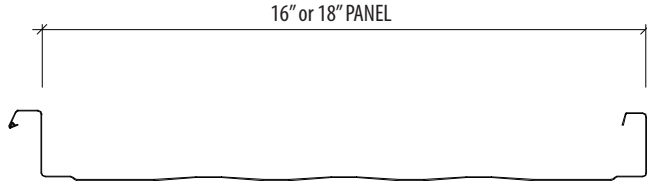
Roof Systems

PLATINUM Series Standing Seam Roof System

Rigid's Platinum Series is a revolutionary patented standing seam roof system that incorporates two unique seams. The Triple-Lok seam for normal wind speeds and the Quad-Lok for coastal areas and other high wind speed zones.

The Platinum Series incorporates a double seam, double hook side lap design to resist seam failure between supports and side lap unfurling and unzipping. It is a roof system with tremendous strength designed to withstand the most strenuous uplift testing and highest velocity wind speeds. Combine that with its aesthetic appeal which is a favorite of architects and building owners alike, and you have an unsurpassed panel in look and quality.

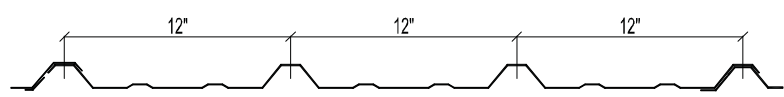
Available in all of Rigid's Spectralite 3000 Fluoropon 70% Kynar 55/Hylar 5000 colors. The Platinum Series offers you a wide range of colors to enhance the beauty of your project and give you unsurpassed coating performance for continued beauty year after year.



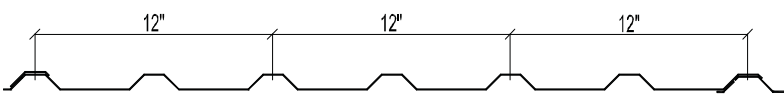
Standard Roof Panel Profiles



PBR Panel



PBM Panel



Give us a call to discuss your next project today!
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Wall Systems

RW-2000 Ribbed Wall Panel

High efficiency exterior wall panel that blends structural strength with the traditional ribbed look of an architectural wall system.



Panel Thickness: 2, 2.5, 3, 4, 5, and 6"
R-value by ASTM C-236: 17.1, 20.8, 24.5, 32, 39.4 and 46.9
Panel Width: 42"
Panel Length 48' 0" standard maximum

RW-3000 Shadowline Wall Panel

The non-ribbed version of the RW-2000. It features a relatively smooth exterior profile with only slight grooved striations to enhance the strength of the panel.



Panel Thickness: 2, 2.5, 3, 4, 5, and 6"
R-value by ASTM C-236: 17.1, 20.8, 24.5, 32, 39.4 and 46.9
Panel Width: 42"
Panel Length 48' 0" standard maximum

RW-3000 Shadowline Wall Panel

This panel features Azteco embossing. This process creates an exterior metal wall system that simulates the smooth continuous look of masonry stucco.



42" Panel Thickness: 2, 2.5, 3, 4, 5, and 6"
36" Panel Thickness: 2, 2.5 and 3"
R-value by ASTM C-236: 17.1, 20.8, 24.5, 32, 39.4 and 46.9
Panel Width: 36" and 42"
Panel Length 48' 0" standard maximum

Wall Systems

StuccoLite™ Wall Panel

StuccoLite™ wall panels are ideally suited for all types of commercial construction projects. The panels are manufactured to fit the size of a particular building, virtually eliminating waste and time needed to field cut panels.

With 24 standard colors available and backed by an industry leading 25 year warranty, StuccoLite™ will enhance the beauty of any project. Adding an additional layer of insulation before our panel installation has resulted in significant savings in heating and cooling costs.



StuccoPlus Wall Panel

StuccoPlus combines the many advantages of light weight insulated panels with the architectural appearance of sprayed stucco to create a high strength, factory finished panel that is energy efficient and fast to install.

They may be used in either vertical or horizontal configurations and in full height or stacked modules to provide a distinctive, modern architectural appearance at a surprisingly low cost.

Panel Thickness: 2, 2.5, 3, 4, 5, and 6"
R-value by ASTM C-236: 17.1, 21, 25, 33, 41 and 49
Panel Width: 42"
Panel Length 48' 0" standard maximum



RigidRock™

RigidRock™ is a decorative stone product that can be installed directly to wood, block, or concrete and can be applied over plywood or metal panels. RigidRock™ can easily be applied by any metal building erector. RigidRock™ is extremely durable. This structural polyurethane material has been time tested with over 30 years of weathered performance. It is water proof and resistant to harsh weather, solvents, pests and fungus. RigidRock™ is available in RockFace or StackStone.



Sustainable Green Building

Sustainable Green Building has become an increasingly important factor in construction over the last few years with Green Building, Energy Star, Cool Roofing, LEED®, the environment, the Urban Heat Island Effect - all being taken into account from conception to completion and beyond of a project.

Metal Buildings are an excellent source for Sustainable Green Building from their recycle content and recyclability to their energy efficiency utilizing Energy Star approved paint colors or Cool Roof Rating Council (CRRC) criteria. Rigid Global Buildings falls right into line for Sustainable Metal Building. According to the American Iron and Steel Institute (AISI), in North America Steel is the most recycled material averaging a recycle rate of 70 percent. Below is the complete breakdown for Rigid's recycle content:



- Primary Framing: 87% Post-Consumer Recycled Content
13% Pre-Consumer Recycled Content
- Secondary Framing: 23% Post-Consumer Recycled Content
7.3% Pre-Consumer Recycled Content
- Panel & Trim Material: 23% Post-Consumer Recycled Content
7.3% Pre-Consumer Recycled Content

Solar is becoming increasingly popular on metal roofs and walls for two reasons - photovoltaic laminates can easily be applied to metal roof and walls and crystalline solar panels can be installed on a metal building and maintain the integrity of the building even with the increasing weight loads. If you are interested in Solar please let us know.



This building was awarded **Platinum Certification**.

- Sustainable Sites 13 pts
- Water Efficiency 5 pts
- Energy & Atmosphere 9 pts
- Materials & Resources 6 pts

The entire roof is a vegetative roof utilizing rainwater as a form of irrigation.

LEED® is becoming extremely prominent in Sustainable Building. LEED® is part of the US Green Building Council's (USGBC) green building certification system. LEED® is a third-party certification program that is the nationally accepted benchmark for the design, construction and operation of high-performance green buildings. The program encourages and accelerates global adoption of sustainable green building and development practices through a suite of rating systems that recognize projects that implement strategies for better environmental and health performance.

Metal Buildings are an excellent source when building or designing a LEED® building. The following information is a breakdown of the points available for Rigid metal buildings through the LEED® program.

Name	Description	Number of Points	Explanation
SS Credit 7.1	Heat Island Effect - Nonroof	1	To reduce heat islands to minimize impacts on micro climates and human and wildlife habitats. Rigid can assist with - 1) providing shade from structures covered by solar panels that product energy and 2) providing shade from architectural devices or structures that have a solar reflectance index (SRI) of at least 29.
SS Credit 7.2	Heat Island Effect - Roof	1	To reduce heat islands to minimize impacts on micro climates and human and wildlife habitats. Use roofing materials with a SRI equal to or greater than the values below for a minimum of 75% of the roof surface. Low Sloped \leq 2:12 SRI 78 Steep Sloped $>$ 2:12 SRI 29
WE Credit 1*	Water Efficient Landscaping	2-4	To limit or eliminate the use of potable water for landscape irrigation. This can be achieved by utilizing a gutter/rainwater retention system to be used for irrigation.
MR Credit 4	Recycled Content	1-2	To increase demand for building products that incorporate recycled content materials. Use materials with recycled content that the sum of post consumer recycled content plus 1/2 of the pre consumer content constitutes at least 10% or 20% of the total value of the materials in the project. 10% = 1pt 20% = 2pts See recycle chart to the left for Rigid's details.
MR Credit 5	Regional Materials	1-2	To increase demand for building materials and products that are extracted and manufactured within the region. Material must be manufactured within 500 miles of the project site for a minimum 10% or 20% of the total materials value. 10% = 1 pt 20% = 2pts
EA Credit 2	On-site Renewable Energy	1-7	To encourage and recognize increasing levels of on-site renewable energy self-supply to reduce environmental and economic impacts associated with fossil fuel energy use. Points are based on the percentage of Renewable Energy: 1% = 1pt - 3% = 2 pts - 5% = 3 pts - 7% = 4 pts - 9% = 5 pts - 11% = 6 pts - 13% = 7 pts.

The above information is from LEED® Version 3.

* Water efficient fixtures must already be in place to achieve these points.

< Photo provided by Jacob White Development. This Platinum Certified Building is a three-story medical office building of 46,125 square feet situated on approximately 2.5 acres in Webster, TX. Rigid provided the structural steel and contributed to the Materials & Resources credits.

For more information on LEED please visit the US Green Building Council's website at www.usgbc.org



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