

CUSTOM TENSION FABRIC BUILDINGS

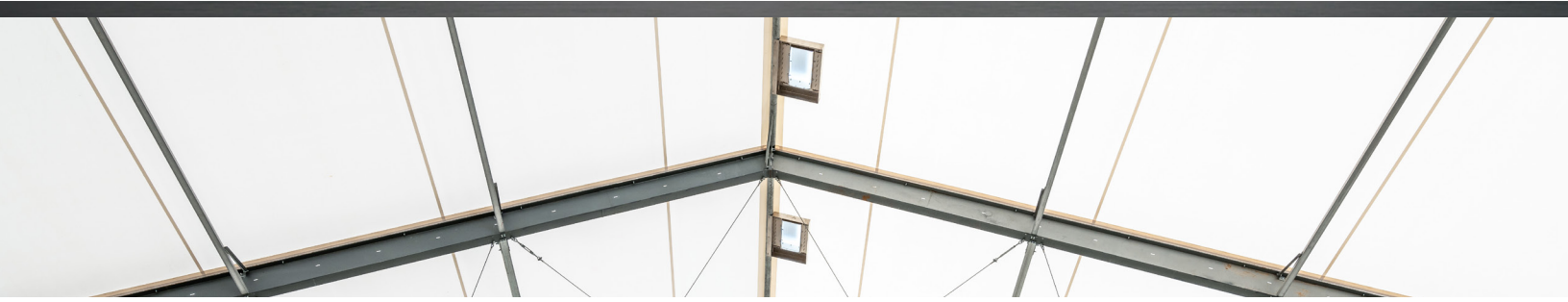
THE BENEFITS OF LEGACY'S RIGID FRAME BUILDING SYSTEM

Legacy has combined the proven engineering and durability of rigid frame building technology with the immediate and long-term cost benefits of engineered tensioned fabric. Covered with the highest quality engineered fabrics in the industry, this building technology provides a high-performing structure, even in the toughest of conditions. Wind, snow, corrosion; we design to withstand it all!

While many questions surround the engineering and service life of the open web tubular trusses, Legacy has gone back to the basics of building design principles with the rigid frame building design. Legacy buildings combine industry-leading fabric technology with the proven method of building engineering that has been refined over decades by the Metal Building Manufacturers Association. We proudly offer you a fabric structure that has proven strength, durability, and low maintenance.

Here are some of the benefits our Legacy building offers over the typical tubular-trussed fabric buildings:

- 1 Legacy uses EpoxxiShield™ coated solid structural plate-steel with thicknesses that range from ¼" to 1 ½" thick vs. the competitors 10-14 gauge thin-walled tubular steel.** While also being lighter-duty, these tubular systems in many cases do not have an interior protective coating to prevent interior degradation from occurring. When thin-walled, high gauge tube steel begins to corrode, it loses structural value very quickly. By using EpoxxiShield™ coatings that provide up to 13 mils of a protective barrier (more than three times the ASTM A123 average coating provided by hot dip galvanizing), the ¼" - 1 ½" solid steel frames are much better protected. This results in a longer span of time before the potential of needing maintenance and extended overall life expectancy. Additionally, unlike galvanized steel, EpoxxiShield™ coated steel can be visually inspected and touched-up as needed. Our steel typically carries a 15-year warranty (even in a corrosive environment); whereas tubular steel systems will carry a 3-year (or no warranty) in a corrosive environment.



- 2 In Legacy's system, fabric panels (typically 20 ft wide) are fed into a keder track bolted to the frame, vs. a 1- or 2-piece cover draped atop the frames with no attachment.** A panel system will give better tensioning and finish, and the separated wall and roof panels allow for easier repair/replacement. If a panel were to ever become damaged beyond repair, you would only replace one 20-ft section, not 100-ft sections at a time. The key to fabric longevity is the ability to keep it tight and keep it away from contacting structural members to reduce wear points. When using the keder panel system, the cover is attached at every frame, which will not allow it to lift off the frame and wear.
- 3 Legacy takes a design-to-suit approach, allowing us to understand your needs and provide a design with clearances to best accommodate your operation.** For instance, in the Town of Huron OH, they needed a footprint and clearances to offload and store 500 tons of salt with an addition for covering their brine tank. The Legacy system easily accomplished this with a lean-to design. Every building can be adjusted accordingly to fit a customer's needs.
- 4 The Legacy system uses the metal building design technology that has been around and refined for decades.** This building design basis is a

much more transparent and accepted construction method in the construction industry than the open web truss model. In working on many projects, we have found that general contractors and their subcontractors are much more acquainted with this type of construction method, resulting in fewer misunderstandings, shorter install times, and lower costs associated with misinterpretations and field errors. Engineers are also much more familiar and comfortable with this system, resulting in fewer questions in the foundation design process. Legacy supplies a set of reactions and a standard set of drawings that any professional structural engineer can easily interpret and work from.

- 5 Legacy also makes what was once impossible to do with a fabric structure, now possible!**
- Eave extensions that extend any specified length beyond the sidewall.
 - A passive ventilation system that keeps the building dry, reduces maintenance and adds years to the building's life.
 - Additions of lean-tos, hanging / collateral loads, conveyors and more.
 - Water management systems, such as gutters with downspouts and snow/ice breakers for added safety.
 - Taller, straight sidewall clearances to avoid loader-caused incidents.

GET IN TOUCH!

With all of these benefits and more, you can see how and why Legacy Building Solutions is revolutionizing the building industry. **Contact us today to explore your options!**



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