



**LEGACY**  
BUILDING SOLUTIONS



**FERTILIZER &  
COMMODITY  
STORAGE**



**RIGID-FRAME TENSION FABRIC BUILDINGS**

**NON-CORROSIVE**  
**RAPID INSTALLATION**  
**FULLY CUSTOMIZABLE**

# CUSTOM ENGINEERED TENSION FABRIC STRUCTURES

Legacy Building Solutions combines the proven engineering and design flexibility of structural steel buildings with the cost savings of fabric cladding. Fabric provides abundant natural light inside the building and outlasts steel in corrosive environments. Ventilation and more moderate temperatures create a drier interior for less spoilage and easier handling.

We use proven engineering methods that have withstood the test of time. All buildings are designed to last a lifetime and meet your project specifications, environmental conditions and building codes. Because of this, we proudly offer you the strongest building on the market today. Our experienced installation crews and expedited design and construction processes allow you to maximize your return on investment faster than with traditional construction.

## ➤ **COMMODITY STORAGE ADVANTAGES**

Installation 3 times faster than traditional construction	Energy efficient: natural light & temperate interior	Non-conductive cladding means less condensation
Peak & eave ventilation for proper aeration throughout building	Drier interior for less spoilage	Corrosion protection for longer life & reduced maintenance
Relocatable: build as permanent, relocate as needed	Patented attachment system ensures longevity and safety	Fully customizable for maximum efficiency
Precast panels for storage & blending bays	In-house engineering	Factory-trained installation teams

# THE LEGACY ADVANTAGE



## Lower Life **CYCLE COSTS**

- EpoxxiShield™ steel finish for corrosion protection and professional appearance
- ExxoTec™ fabric allows natural light and installs faster
- Drier interior for less spoilage
- Complete service after the sale



## Natural **LIGHT**

- Fabric membrane provides an abundance of natural light
- Uninsulated building has up to 12% translucency
- Consistently reported energy cost savings
- Enjoyable natural environment



## Customizable **DESIGN**

- Clearspan widths of 300+ feet, peak height and slope to meet specifications
- Solid steel I-beams allow for hanging loads from conveyors, catwalks, shelving and cranes
- Weather-tight seal and a dry, usable building envelope
- Add circulation path and operations space with out sacrificing storage
- Flexible design allows utilization of effective and efficient precast wall arrangements



## Proven **ENGINEERING**

- Meets or exceeds code requirements
- Multiple foundation options available
- Fabric attached to each steel frame
- 100% custom in-house design and engineering services
- ISO 9001 accredited manufacturing facility
- CWB certified, AWS qualified welders



## Full-Service **INSTALL**

- Fast track installation for faster ROI
- Fabric installed in a fraction of the time of traditional construction options
- Bonded and insured
- Worldwide installation services
- Design for faster and safer installation
- Installers have OSHA and MSHA certifications



## Bulk Fertilizer Storage

Woodbine, IA

**19,404 SQ FT**

- Three buildings in one: 48 ft x 103 ft, 84 ft x 80 ft, and 129 x 60 ft
- Each frame designed to support 350# conveyor and catwalk load
- Ventilated with 10-in overhang with mesh soffit and ARV roof ventilators
- All steel components are hot dip galvanized
- White ExxoTec™ Elite fabric cladding
- Precast panels along walls and storage bins
- Separate areas for bulk storage, loading and driving heavy equipment
- 25 psf snow load, 105 mph wind load, wind exposure C, enclosed, full exposure
- Installed by Legacy crews



## Feed Storage & Distribution

Madison, IL

**62,800 SQ FT**

- 120 ft x 460 ft with 40 ft x 190 ft lean-to
- White and gray PVC fabric cladding
- Hot dip galvanized steel frame
- Frames designed to support 750# conveyor load
- 18-in overhangs with mesh soffit for ventilation
- Precast concrete storage bins with sliding steel bin gates and panels
- The building has a 40,000-ton capacity
- 90 mph wind, wind exposure C, 20 psf snow, enclosed, full exposure, low occupancy
- Installed by Legacy crews





## Bulk Salt Storage

St. Louis, MO

**28,080 SQ FT**

- 108 ft x 260 ft structure
- ExxoTec™ Elite PVC fabric cladding, blue with a white roof
- Frames designed for 875# conveyor and catwalk load
- 18-in overhangs with mesh ventilation intake and icebreakers
- Precast concrete panels create storage bins
- 20 psf snow load, 90 mph windspeed, wind exposure C, enclosed, full exposure
- Installed by Legacy crews



## Fertilizer Storage Facility

Hull, IA

**18,900 SQ FT**

- 105 ft x 180 ft structure
- All framing members factory finished with EpoxxiShield™ COR Elite
- ExxoTec™ Elite PVC fabric cladding, white and blue
- Passive ventilation through mesh soffit, 18 white ARV-2000 roof vents and four mesh endwall vents
- One 16 ft x 14 ft overhead coil door and three personnel doors
- Breezeway attached to additional structure
- Combination curb slab and pier foundation
- Frames designed to support a 550# conveyor load
- The whole building has a 5,938-ton capacity
- Precast panels along walls and storage bins
- Installed by Legacy crews





---

**UNITED STATES | CANADA | SOUTH AMERICA**



## **HEADQUARTERS**

19500 County Road 142 | South Haven, MN 55382 | United States

**TOLL-FREE** 877.259.1528 | **FAX** 320.259.0087

**EMAIL** [legacy@legacybuildingsolutions.com](mailto:legacy@legacybuildingsolutions.com)

---

**LEGACYBUILDINGSOLUTIONS.COM | 320.258.0500**

