



LEGACY
BUILDING SOLUTIONS



PORTS
APPLICATIONS



RIGID-FRAME TENSION FABRIC STRUCTURES

**YOUR CORROSION-RESISTANT
SOLUTION FOR PORT +
TERMINAL STORAGE**

CUSTOM ENGINEERED TENSION FABRIC STRUCTURES

Legacy Building Solutions combined the proven engineering, design flexibility and durability of structural steel buildings with the corrosion resistance and energy efficiency of fabric structures. And with custom engineering, we can provide a building solution that is fully optimized to meet each application and unique requirement – all with a shorter construction time than other pre-engineered building types.

Our 100% in-house services include design, engineering, manufacturing and worldwide installation. This allows us to focus on customer satisfaction by controlling quality and timelines from start to finish. Legacy uses proven engineering methods that withstand the test of time, environmental conditions and building codes. Because of this, our fabric structures outlast harsh weather conditions, saltwater exposure and corrosive environments in locations around the globe.

➤ FABRIC APPLICATIONS FOR PORTS + TERMINALS

WAREHOUSING	BULK STORAGE	EQUIPMENT MAINTENANCE
CONTAINER STORAGE	BOAT STORAGE + MAINTENANCE	TRANSLOADING
CORROSIVE STORAGE	BREAKBULK HOLDING	RAILCAR MAINTENANCE

THE LEGACY ADVANTAGE



Customizable **DESIGN**

- 100% in-house design and engineering services
- Clearspan widths of 300+ feet, peak height and slope to meet specifications
- Designed to make your operation more efficient
- Solid steel I-beams allow for hanging loads from conveyors, catwalks, shelving and cranes
- Weather-tight seal and a dry, usable building envelope



Maximize **ROI**

- ExxoTec™ fabric allows natural light and installs faster
- EpoxiShield™ steel finish for corrosion protection and professional appearance
- Built as permanent but portable as needed without loss of quality
- Nearly maintenance free
- Protect assets, equipment and inventory



Proven **ENGINEERING**

- Meets or exceeds building code requirements
- Adaptable to many different foundation types
- ISO 9001 accredited manufacturing facility
- Fabric attached to each steel frame
- CWB certified, AWS qualified welders



Full-Service **INSTALL**

- Fabric installed in a fraction of the time of traditional construction options
- Bonded and insured
- Worldwide installation services
- Designed for faster and safer installation
- Safety specifications: OSHA and MSHA



Natural **LIGHT**

- Fabric membrane provides an abundance of natural light
- Uninsulated fabric has up to 12% translucency
- Flame-retardant building material
- Consistently reported energy cost savings
- Ideal for off-grid use



FIVE RIVER DISTRIBUTION

VAN BUREN, ARKANSAS

94,200 SQ FT TOTAL

- Four buildings: 75 ft x 200 ft, 120 ft x 160 ft, 120 ft x 250 ft for port storage + distribution
- Rigid steel frame and components hot-dip galvanized
- ExxoTec™ Pro PVC fabric cladding, blue walls + white roof
- 18" overhangs with black mesh ventilation
- CIP concrete foundation
- 10# snow load, 90 mph wind load, wind exposure C, seismic zone C



IEI BARGE SERVICES

EAST DUBUQUE, ILLINOIS

63,010 SQ FT

- 77 ft x 580 ft with three lean-tos for fertilizer storage + transloading
- HDG rigid steel frame
- White fabric cladding with green trim
- Eight framed and wrapped doorways across three lean-tos
- 30 RV-3000 CFM roof vents
- 18 inch overhangs with ITS tie down and mesh soffit ventilation
- Six 14' x 11' bin lift gates
- Frames engineered to carry loads of 350 lbs. per running foot
- 30 psf snow load, 90 mph windspeed





DURAPORT MARINE + RAIL TERMINAL

BAYONNE, NEW JERSEY

51,360 SQ FT

- 160 ft x 321 ft drywall storage building
- Gray primed rigid steel frames
- ExxoTec™ Elite PVC fabric cladding, gray walls + white roof
- Ventilated with 18 ft mesh-covered soffit + ARV roof vents
- CIP concrete foundation
- Connected to existing brick office building
- 25 psf gsl, 115 mph windspeed, fully enclosed, normal occupancy, wind exposure C



NEW YARD LLC

PORTLAND, MAINE

4,540 SQ FT

- 120 ft x 160 ft marine storage building
- Includes load design for sprinkler system, interior circulation fans + future expansion
- Interior fabric liner with active cavity ventilation system for energy efficiencies
- Active gable peak-mounted intake + exhaust system
- Exterior light + camera mounts, plus bird deterrent system
- Structure has bi-level foundation and interior base slope of 2/12
- 60psf ground snow load, 110 mph windspeed, seismic C





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

LEGACYBUILDINGSOLUTIONS.COM | 320.258.0500

