



LEGACY
BUILDING SOLUTIONS



MINING
APPLICATIONS



RIGID-FRAME TENSION FABRIC STRUCTURES

ENGINEERED WITH EXCELLENCE
FOR DURABILITY, PORTABILITY +
WORLDWIDE INSTALLATION

CUSTOM ENGINEERED TENSION FABRIC STRUCTURES

Legacy Building Solutions combines the proven engineering and design flexibility of structural steel buildings with the portability and energy efficiency of fabric structures. Our experienced worldwide installation and expedited design and construction process allows you to maximize your return on investment, faster.

We use proven engineering methods that withstand 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 most durable building on the market today, standing up to harsh weather, corrosive environments and heavy equipment usage.

► FABRIC APPLICATIONS FOR MINING

PROCESSING	SURGE PILE COVERS	TRANSFER OPERATIONS
SORTING + PACKING	WEATHER PROTECTION	BULK STORAGE + WAREHOUSING
TRUCK SHOPS	WORKSHOPS	GARAGES
EQUIPMENT COVERS	BATCH PLANTS	TIRE SHOPS

THE LEGACY ADVANTAGE



Lower Life **CYCLE COSTS**

- EpoxiShield™ steel finish for corrosion protection and professional appearance
- Built as permanent but portable as needed without loss of quality
- Complete service after the sale
- Highly durable ExxoTec™ fabric allows natural light and installs faster



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
- Ideal for off-grid use



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
- Engineered to support heavy loads
- Add circulation paths and operations space with our sacrificing storage
- Flexible design allows effective and efficient precast wall arrangement



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**

- 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



LOS BRONCES/ANGLO AMERICAN TEMPORARY TRUCK SHOP

SANTIAGO, CHILE

5,412 sq ft (502.8 m²)

- Building size: 66 ft x 82 ft (20.1 m x 25 m)
- Designed to store and maintain a CAT 795F mining dump vehicle
- 29.53 ft (9 m) inside eave clearance
- 7/12 roof slope
- One personnel door; 36 ft x 27.9 ft (11 m x 8.5 m) overhead rubber rolling door with additional custom framing
- Two RV-3000 peak-mounted passive vents and mesh soffits
- Built 11,483 ft (3,500 m) above sea level
- 246psf (1,200kg/m²) snow, 75mph (120km/h) wind load, fully exposed, enclosed structure, seismic II ('D')



LYONS SALT COMPANY SALT MINE STORAGE

LYONS, KANSAS

48,600 sq ft (4,515 m²)

- Building size: 162 ft x 300 ft (49.4 m x 91.4 m)
- Legacy crews dismantled old building and installed on existing site in 31 days
- Hot dip galvanized steel frame
- Cable-free system – braced bays use galvanized steel rods
- 14 gauge purlins capped on ends
- Clear interior liner with additional layer at the base
- 12,500 lb. (5,670 kg) point load on two frames to support existing conveyor
- 600 lbs. per lineal foot (893 kg/m) conveyor load on all frames
- Ventilated with painted aluminum louvers, RV3000 ridge vents, filtered soffit intakes and mesh panels





MINING TRUCK SHOP

ANTOFAGASTA, CHILE

10,241 sq ft (951.4 m²)

- 49 ft x 210 ft (15 m x 64 m) custom monoslope truck shop addition
- Five 31.2 ft x 34.5 ft (9.5 m x 10.5 m) Paw doors
- Gray primed steel frame
- Powered exhaust fans and intake vents in endwalls
- 1 ft (0.3 m) eave extensions
- Single personnel doors with panic hardware on each end
- 15 oz. flame-resistant white PE fabric cladding
- 51 mph (82 km/h) windspeed



FRAC SAND STORAGE

WEMBLEY, ALBERTA

79,200 sq ft (7,358 m²)

- Building Size: 120 ft x 480 ft (36.6 m x 146.3 m) + three lean-tos
- Offset peak frac sand storage building with concrete wall system
- Lean-to extensions for operations, including areas divided for truck load-out, operations shop and storage – includes full fabric liner and cavity ventilation system
- Engineered for conveyor and catwalk loads
- Passive ventilation system includes twelve 3,000 ft³/min (85 m³/min) roof peak vents and full mesh soffits under all overhangs
- Product loading and unloading accommodated in the structure's design
- Meets Canadian codes and loads





UNITED STATES | CANADA | SOUTH AMERICA



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