

PRE-ENGINEERED STEEL FABRIC BUILDINGS VS. CONVENTIONAL STEEL BUILDINGS

Choose a Steel-framed, Engineered Fabric Building

At Long Island Building Systems, we erect buildings that work as hard as you do. Designed specifically for your climate, your location, and your building needs, a steel-framed fabric structure is your ideal building solution. Consider the following criteria when comparing our buildings to any conventional steel building:

	Steel Fabric Structures	Conventional Steel Buildings
Overall Price	Price per square foot is about 30% lower than conventional steel	More expensive than a pre-engineered steel fabric building
Maintenance Costs	The building and fabric cover is virtually maintenance free. The fabric will not attract or hold dirt contaminants and proves to be self-cleaning	Shingling or painting may be necessary to maintain the outside of the building
Interior	Clear span throughout building does not interfere with any operations	Columns or posts may need to be in place to maintain structural integrity of the building
Corrosion	Our buildings are made with hot dipped galvanized steel and are corrosion resistant	Due to the exterior of the building being exposed in all weather conditions, corrosion may become an issue
Temperature Control	Our membrane fabric cover had non-conductive qualities keeping buildings cooler in the summer and warmer in the winter	Steel buildings are conductive of heat, creating a virtual oven in hot weather conditions
Operational Costs	Lower costs for lighting, heat, and A/C due to non-conductive translucent cover	Operational costs are higher for lighting, heat, and A/C
Future Expansions	Our buildings are easily expandable and relocatable. Can be used as a temporary and permanent structure.	Steel buildings are permanent and cannot be relocated. Expansion will be timely and costly, if possible.
Foundation	Foundation can be as little as footings at truss and end column base plate locations. Foundation requirements are typically a fraction of that of similar conventional buildings.	Extensive, heavy foundation required
Installation and delivery	Depending on the size of the structure installation takes an average of 7-10 days. Delivery after order takes about 6-12 weeks.	Delivery of material averages from 20 to 26 weeks. Installation time is more than double that of a steel fabric structure.

PRE-ENGINEERED STEEL FABRIC BUILDINGS VS. CONVENTIONAL STEEL BUILDINGS

Noise	Sound absorbing covers keep building quiet even during adverse weather conditions	Buildings are loud during rain and hail storms creating unpleasant working conditions
Condensation	Our membrane fabric design allows natural light to filter through the building while keeping out moisture and condensation	Condensation is a known problem in steel buildings and can damage the building and its contents