



BUILDING SOLUTIONS WITH LEADERSHIP AND INTEGRITY



TENSION FABRIC BUILDINGS



training center



coffee shop



engineering



manufacturing

Drawn from the best talent available in the industry, and working with a tremendous combined experience, Guard-All Building Solutions was formed in cooperation with USA SHADE, a global leader in tensile membrane structures.

Our singular goal is to provide the industry's best precision-engineered tension fabric buildings and unparalleled service to our customers. To meet this goal we have made a massive investment into our engineering and customer support infrastructure. By establishing a Continuous Improvement Process from day one, our delivery processes have been constantly evaluated and improved in light of their efficiency and effectiveness.

With it's design lineage tracing back to the archetypal classical arch, one of mankind's pivotal architectural developments, our state-of-the-art steel framed tension membrane structures offer a wide range of clear span widths and near limitless structural lengths. Corrosion resistant galvanized steel truss framing, available in arch or gable profiles, create the structural support for a selection of advanced architectural membrane materials.

We've forged a team with the combined talent, experience and ingenuity to produce the best products. We've created an outstanding support network of dealers around the world.



offices



engineering



conference



vertical band saw



overhead cranes



powder coating



robotic welder

Facilities, Manufacturing and Distribution

To ensure our designs are fabricated with precision, an equal measure has been invested into vertically integrated, technologically advanced facilities, manufacturing and distribution. The primary manufacturing facilities are located in Dallas, Texas, a strategic centralized location to serve North America with easy access to international shipping. Our manufacturing process features an adept blend of advanced automation and skilled craftsmanship. Utilizing the latest computer-controlled, automated manufacturing equipment provides us with precise, consistent and efficient competitive advantages. Complementing the technology are highly proficient craftsmen with years of experience in fabricating tension fabric buildings.



plasma cutter



swaging machine



installation/construction



fabric welding

Architectural Membrane

Nova-Shield® II with Armorkote™, our primary architectural membrane, is a high-density polyethylene weave coated to resist moisture, UV exposure and fading. Nova-Shield II with Armorkote is available as fire-rated or non fire-rated material in a variety of colors.

Additional membrane materials are available to meet specific requirements: PVC, well-suited for high-end architectural applications; Sheerfill, made of fiberglass and PTFE provides a durable, non-combustible and energy efficient material; and Shadesure, a mesh fabric constructed of knitted HDPE that is well suited for sun shade applications and wind abatement.



Fabricated Steel

The components for our buildings are manufactured from cold-formed seamless carbon steel structural tubing that conforms to the ASTM A500 standard with a 50 ksi (345 MPa) minimum yield point. The recycled content of the steel can vary depending on the source of available raw materials; on average there is 57% Post-Consumer Recycled Content and 31% Pre-Consumer Recycled content.

Our complete fabricated steel truss components are hot-dip galvanized; a process of coating the steel with a thin zinc layer, by passing the metal through a molten bath of zinc at a temperature of around 860 °F (460 °C). When exposed to the air, the pure zinc reacts with oxygen to form zinc oxide, which further reacts with carbon dioxide to form zinc carbonate, a durable spangled grey finish that prevents corrosion and protects the steel from the elements. Our hot-dip galvanizing process conforms to the ASTM A123 standard.



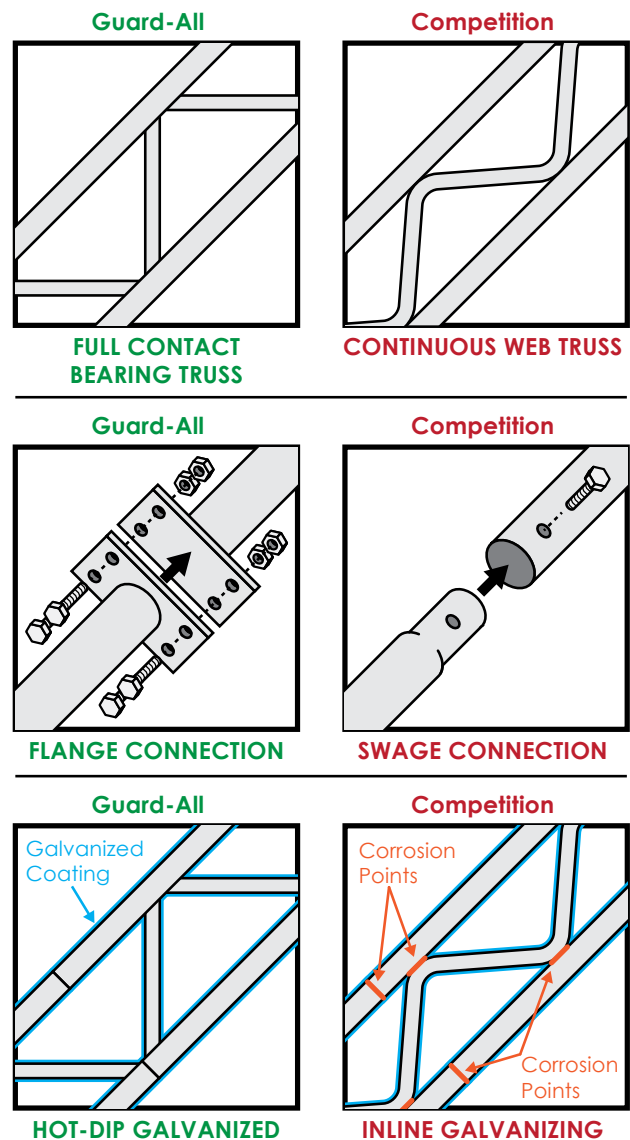
Tension Fabric Buildings

Over the last several years advancements in Tension Fabric Building design have created a cost-effective, versatile alternative to traditional pre-engineered buildings. Computer-Aided Design and continual improvements in structural research and development have contributed to the increasing interest in tension fabric building.

At Guard-All Building Solutions, the structural design process for our buildings started with thousands of hours of professionally-reviewed, precision engineered abstracts channeled into each of our core designs.

Several fundamental design improvements inherent in our buildings provide advantages not available in some competitor buildings:

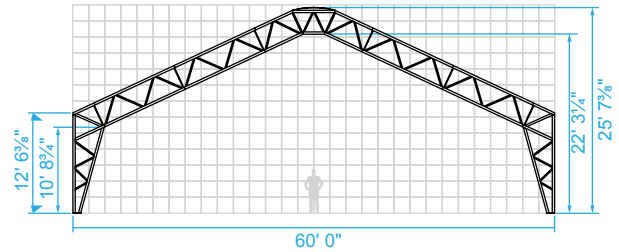
- Each project is reviewed by our engineers to ensure compliance with site specific snow, wind and seismic loads while some manufacturers sell one-size-fits-all solutions.
- Our principal steel framework provides all structural and load bearing support without reliance on lateral tension or diaphragm support from the fabric.
- Full contact bearing connections create a more rigid, dependable truss than the easier to fabricate continuous web truss.
- Direct flange connections yield a more durable frame connection than swage connections.
- Modular panels can be replaced cost effectively if the Keder system is employed to couple consecutive panels together to create a building canopy instead of fabricating a one-piece canopy.
- Hot-dip galvanizing fabricated truss assemblies prevents corrosion at weld seams, cuts and penetrations that inline galvanized steel is prone to.



The Guard-All design and manufacturing advantages require a commitment of resources to supply our customers with the safest, most enduring buildings available today.

Centurion 36 Series

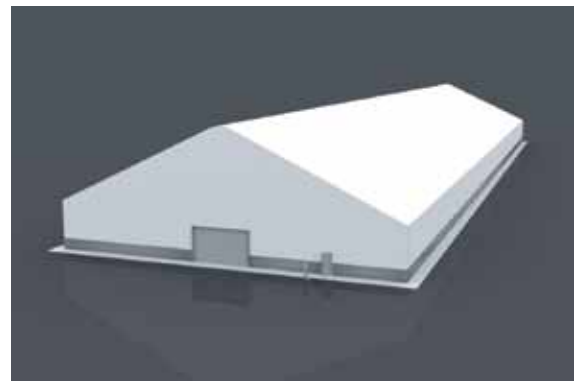
The Centurion 36 Tension Fabric Building is optimized for projects requiring massive unobstructed openings, high side wall clearances and elevated ceiling heights. A range of widths from 40' (12.1 m) to 80' (24.3 m) are available to meet a variety of project specifications. The continuous segmented truss design allows the building to achieve nearly any length required. A nominal 36" (91.4 cm) truss frame is crafted from heavy-gauge, corrosion-resistant galvanized steel, reinforced with purlins and structural cables to meet the wind, snow and dead loads required for each individual project.



Widths: 40' (12.1 m), 50' (15.2 m), 60' (18.2 m), 70' (21.3 m), 80' (24.3 m)
Leg Heights: 13' (3.9 m), 18' (5.4 m)
Truss Depth: 36" (91.4 cm)

Centurion 48 Series

The Centurion 48 Tension Fabric Building is optimized for projects requiring monumental unobstructed openings, high side wall clearances and elevated ceiling heights. A range of widths from 80' (24.3 m) to 140' (42.6 m) are available to meet a variety of project specifications. The continuous segmented truss design allows the building to achieve nearly any length required. A nominal 48" (121.9 cm) truss frame is crafted from heavy-gauge, corrosion-resistant galvanized steel, reinforced with purlins and structural cables to meet the wind, snow and dead loads required for each individual project.

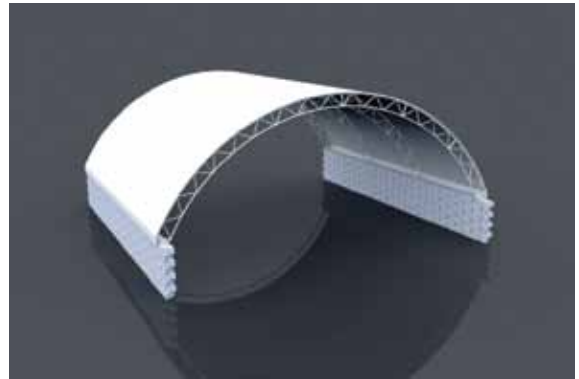


The continuous segmented truss design allows the building to achieve nearly any length required. A nominal 48" (121.9 cm) truss frame is crafted from heavy-gauge, corrosion-resistant galvanized steel, reinforced with purlins and structural cables to meet the wind, snow and dead loads required for each individual project.

Widths: 80' (24.3 m), 90' (27.4 m), 100' (30.4 m), 110' (33.5 m), 120' (36.5 m), 130' (39.6 m), 140' (42.6 m)
Leg Heights: 13' (3.9 m), 18' (5.4 m)
Truss Depth: 48" (121.9 cm)

Heritage 21 Series

The Heritage 21 Tension Fabric Building is optimized for projects requiring large unobstructed openings and elevated ceiling heights. A range of widths from 33' (10.0 m) to 62' (18.8 m) are available to meet the project specifications. The continuous segmented truss design allows the building to achieve nearly any length required. A nominal 21" (91.4 cm) truss frame is crafted from heavy-gauge, corrosion-resistant galvanized steel, reinforced with purlins and structural cables to meet the wind, snow and dead loads required for each individual project.



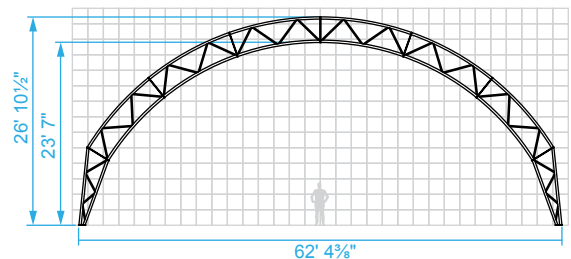
Widths: 33' (10.0 m), 43' (13.1 m), 52' (15.8 m), 62' (18.8 m)

Truss Depth: 21" (91.4 cm)

* The Heritage 21 Series utilizes inline galvanized steel and one-piece canopy.

Heritage 36 Series

The Heritage 36 Tension Membrane Structure is optimized for projects requiring massive unobstructed openings, high side wall clearances and elevated ceiling heights. A range of widths from 62' (18.8 m) to 82' (24.9 m) are available to meet the project specifications. The continuous segmented truss design allows the building to achieve nearly any length required. A nominal 36" (91.4 cm) truss frame is crafted from heavy-gauge, corrosion-resistant galvanized steel, reinforced with purlins and structural cables to meet the wind, snow and dead loads required for each individual project.



Widths: 62' (18.8 m), 72' (21.9 m), 82' (24.9 m)

Leg Heights: 10' (3 m)

Truss Depth: 36" (91.4 cm)



Alaska Dreams Inc.

Founded in 1994, Alaska Dreams, Inc. is an industry leader in advanced fabric covered steel buildings.

Owners Meini and Annamarie Huser are actively involved in the daily business activities. Their hands-on approach demonstrates their desire to build a business whose reputation is based on client satisfaction, quality, integrity, innovation and teamwork. Alaska Dreams, Inc. has actively produced the sales and construction of approximately 3 million square feet of industrial/commercial buildings. Servicing the oil and mining industries along with city, state, federal government, and private sectors in Alaska and worldwide.



Alaska Dreams provides a wide range of innovative building solutions, construction products and services, including but not limited to Sales, Design/Build projects and General Construction. Our team at Alaska Dreams, Inc. works closely with Guard-All Building Solutions in product design and development to provide the best possible building solutions to our clients.



“We are working with Guard-All Building Solutions as our primary supplier for steel-framed, tension fabric covered buildings. We know many of Guard-All’s staff and have worked together since the early days of Alaska Dreams. We learned to appreciate their work ethic, service and reliability. This “human” factor drives our business relationship and separates Alaska Dreams from others. It is a team effort between both companies to provide the high quality and fully engineered products which are leading today’s market.” **Meini Huser**, Owner, Alaska Dreams, Inc.







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