

TENSOSHADE™



Architectural Fabric Structures

**DESIGN.
FABRICATE.
INSTALL.**





PROTECT WHAT MATTERS.

Tensoshade™ is a fabric architecture company that specializes in design, manufacture and installation of high quality lightweight fabric shade systems. We provide weather protection for residential, commercial, and industrial projects in domestic and international markets. Tensoshade™ is based out of San Antonio, Texas.

Our mission is to provide the highest quality, most cost-effective products possible with a customer service experience second to none. Tensoshade™ is committed to transforming your vision into a reality.

COMPREHENSIVE SOLUTIONS

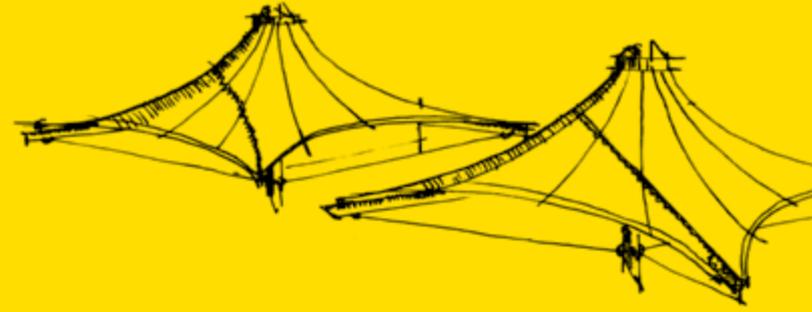
Tensoshade™ designs and manufactures environmentally-friendly shade structures and shade sails systems that combine modern architectural engineering with durable tensile strength materials; perfect for any application especially during the hot summer months to keep us safe (UV protected) and comfortable.

We manufacture our own shade structures and shade sails. We never carry cheap imitations.

TENSOSHADE™ OFFERS COMPLETE SERVICE FOR EVERY PROJECT FROM THE GROUND UP.

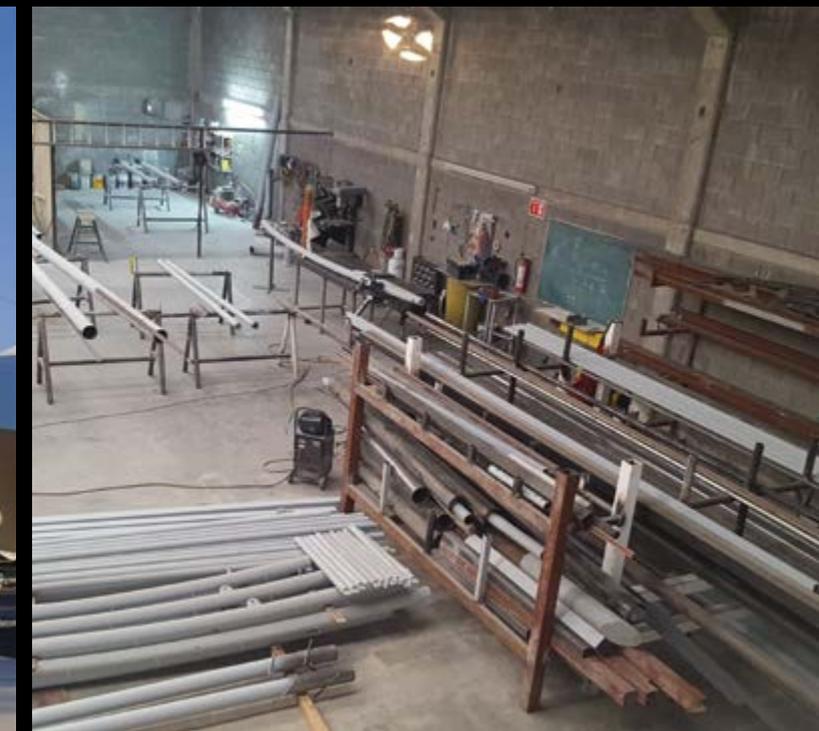
Our knowledge and preparation allow us to work with our customers, architects, designers, contractors, and builders from the initial concept and design through the construction and completion of the structure.

Our modular structures provide durable, cost-effective shade and weather protection while our custom structures can provide a striking transformation to any area. We are committed to assisting clients with developing cost-effective projects, built on-time and within budget.



OUR SERVICES INCLUDE:

- Fabric Architecture
- Design Consultation and Engineering
- Form Finding
- Ground Preparation
- Custom Steel Fabrication
- Premium Grade Textiles and Patterning
- Installation
- Rigging Components



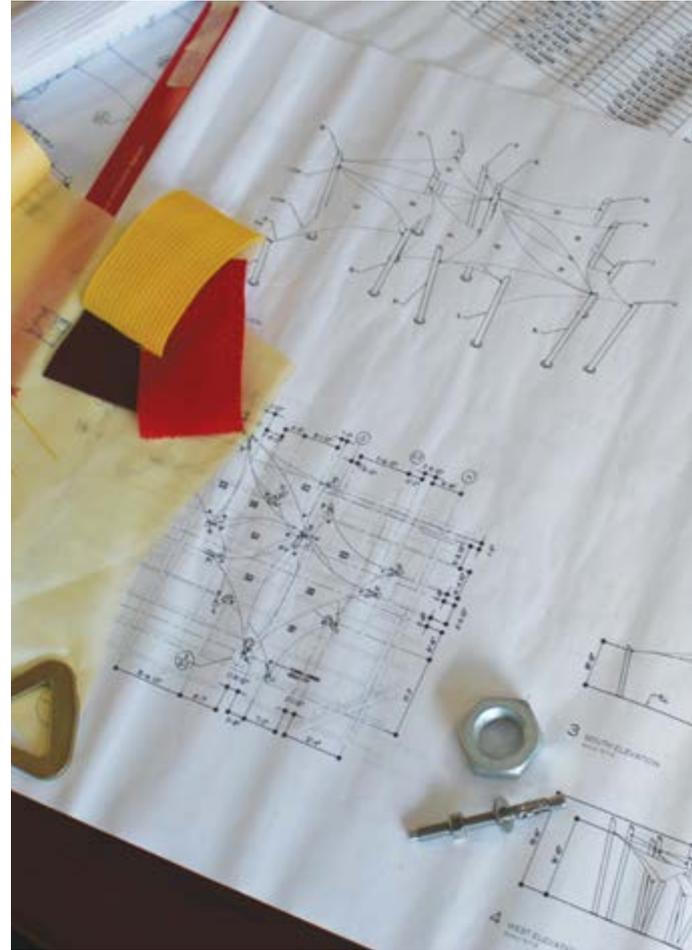
OUR PROCESS

DESIGN AND FABRICATION

In the design and fabrication of a tensile structure it is important to consider certain recommendations.

- An engineering design of the structure will determine the life expectancy and low cost of your project.
- During the fabrication of a premium grade textiles and membranes, it is essential to have the necessary form-finding software knowledge and equipment to optimize for best performance and quality of the product.

Our company provides designers, architects, contractors and builders with the technical expertise to offer our customers high quality cost effective tensile membrane solutions. Our knowledge and equipment allows us to meet fast track schedules and provide the highest production quality.



INSTALLATION AND CONSTRUCTION

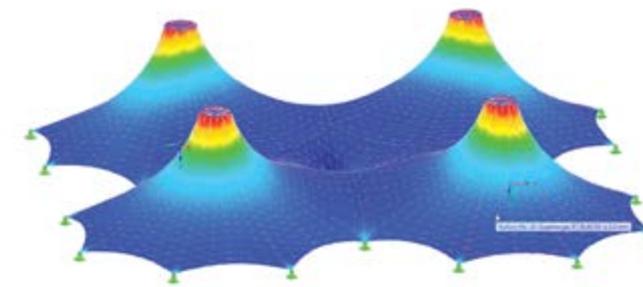
As a design-build company, Tensoshade™ has the necessary expertise to fully construct and install any type of tensile structure in order to achieve the ultimate results.

Once our team has concluded with the design and fabrication process, our experienced crew coordinates and successfully installs each structure on schedule.

Because of its lightweight nature, fabric is easy to transport and is one of the most sustainable and cost effective building materials available.

ENGINEERING

Tensile structures are mainly conformed by a series of elements; the structure, the membrane, the hardware and rigging components. To obtain a high quality project, it is essential to find a perfect balance between these elements and ensure our structures achieve the performance of each element in order for the loads to be transferred equally and effectively throughout the whole tensile structure.



Details and Connections

Structural details are a main component to take into account during the design of a tensile cover. We recognize that every project is unique and every client is a valued partner. Our structural attention to detail creates and generate engineered aesthetically pleasing connections that have greater performance than typical ones.

Wind Tunnel

Nowadays most of National and International Codes require to perform a software wind tunnel study to analyze the different wind pressures that will affect the structure. For medium to large scale projects, it is very important to detect the sensitive points of the structure by designing a stable and strong project to assure the performance of the membrane extending the longevity of the product.



CURVE SHADE STRUCTURES



Ocean™



Atlantis™



Eclipse™



Ocean™



Tide™



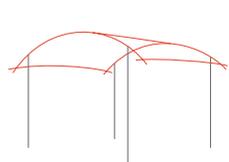
Barrel™



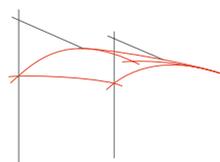
Eclipse™



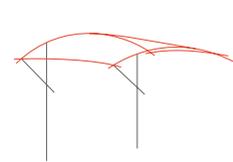
Barrel Supra™



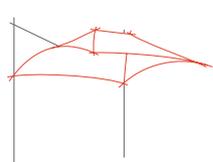
Barrel™
4 Pole Curve



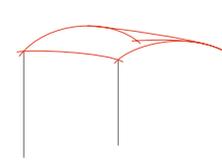
Ocean™
Full Cantilever Curve



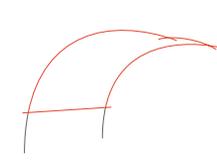
Eclipse™
Offset Cantilever Curve



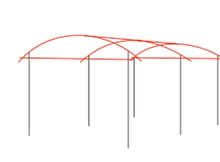
Atlantis™
Full Cantilever Curve-HIP



Tide™
4 Pole Curve

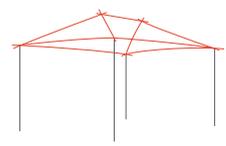


Wave™
4 Pole Curve

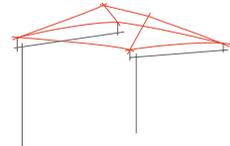


Barrel Supra™
6 Pole Curve

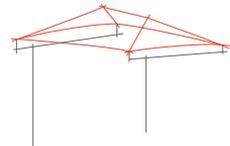
HIP SHADE STRUCTURES



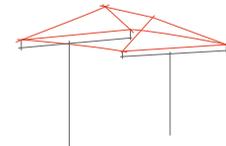
Maya™
4 Pole HIP



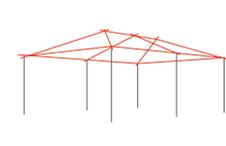
Aztec™
Full Cantilever HIP



Giza™
Offset Cantilever HIP



Egypt™
T-Post HIP



Maya Supra™
6 Pole HIP

SAILS



Manta™



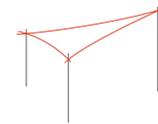
Prisma™



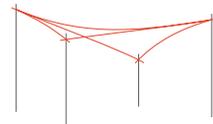
Manta™ 4



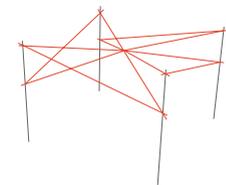
Manta™ 4



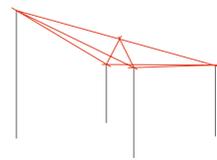
Manta™ 3
Hypar Shade Sail



Manta™ 4
Hypar Shade Sail



Molino™
4 Pole Sails



Prisma™
4 Pole

FLAT



Horizon™ Full



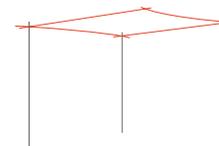
Horizon™ Full



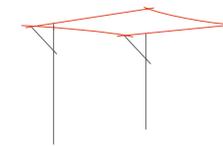
Horizon™ Offset



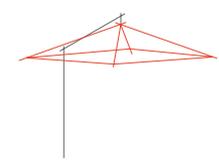
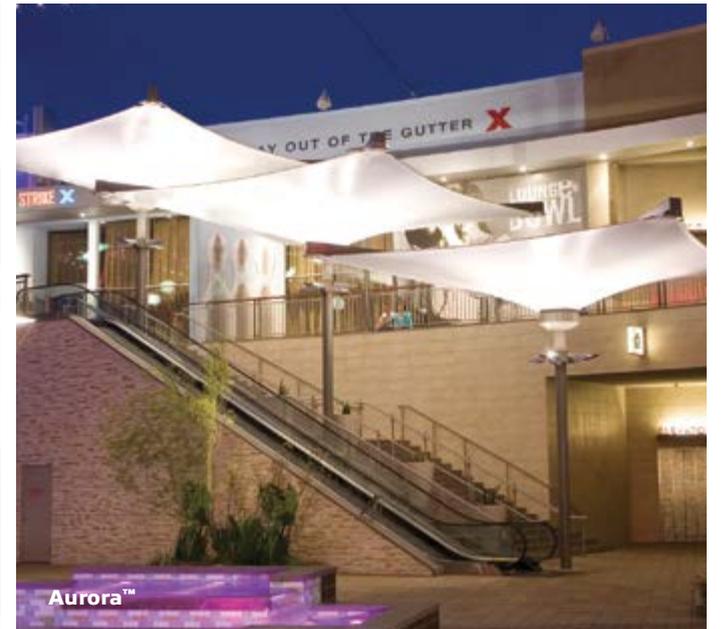
Horizon™ Full



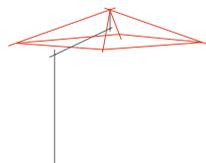
Horizon™ Full
Cantilever Flat



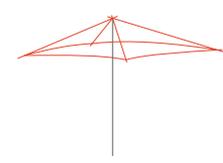
Horizon™ Offset
Cantilever Flat



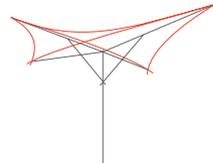
Equinox™
Cantilever Top-mount



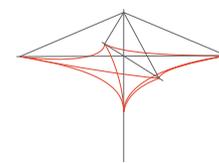
Solstice™
Cantilever Under-mount



Sky™
Center Pole



Polaris™
Hypar Center Pole



Aurora™
Inverted Conic



Stingray™
Cantilever



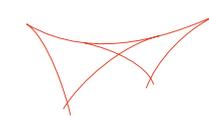
CUSTOM SOLUTIONS

Tensoshade™ offers comprehensive design and consultation services. We work with you to discover and develop the perfect solution for any area.

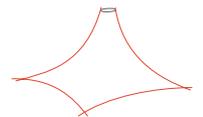
These tensile membrane structures are meant to be designed and engineered according to site and customer needs. Call us for a design estimate.



POSSIBLE CONFIGURATIONS



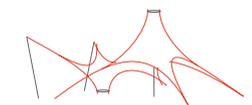
Hypar



Conical



Arched



Custom



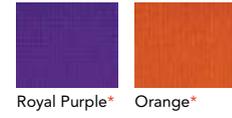
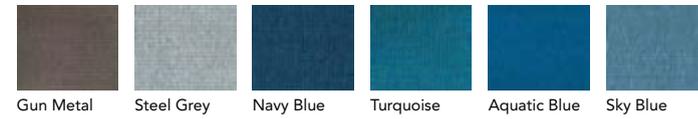
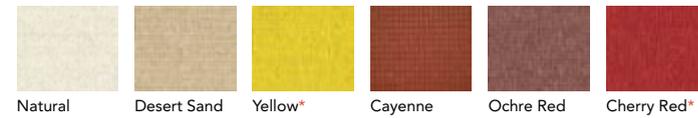


MATERIALS

HDPE SHADE CLOTH MESH

Designed for tension structures and shade sails it is used on a wide variety of applications. We offer the ultimate combination of maximum sun protection, strength and durability to ensure maintenance-free long-life performance.

10 YEAR LIMITED WARRANTY BY TENSOSHADE™

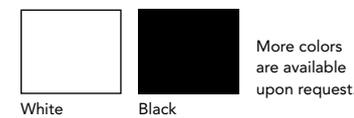
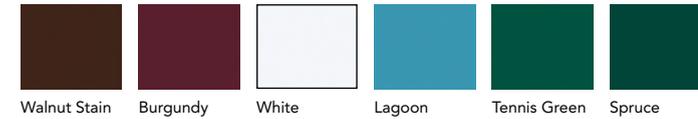
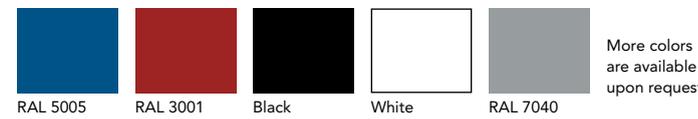


Samples are available upon request. * indicates colors only covered by 5-year limited warranty by Tensoshade™.

POWDER COAT

We powder coat your structure to add value to our customers products - protection, function, color, effect, gloss, and texture every day.

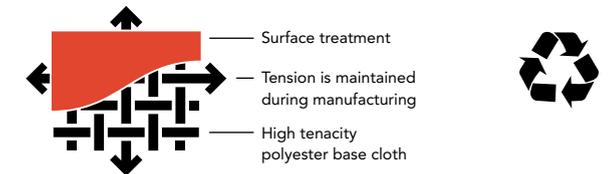
1 YEAR LIMITED WARRANTY BY TENSOSHADE™



PVC/PVDF COATED POLYESTER MEMBRANE

Preconstraint is a high-performance fabric for a variety of shade structures and other shade applications featuring dimensional stability due to patented, exclusive preconstraint technology. PVC membrane offers high UV resistance and heat and weather protection for long-lasting use in a flame retardant fabric. With a very smooth finish, maintenance of the fabric is easy thanks to its innovative, thick coating.

5 YEAR LIMITED WARRANTY BY TENSOSHADE™



SEWING THREAD

Our sewing thread maintains its strength even after regular exposure to sunlight. UV resistance is built into the thread and is not a coating or additive that can wear off. Our sewing thread will outlast the fabric into which it is sewn.

1 YEAR LIMITED WARRANTY BY TENSOSHADE™

Actual fabric colors may vary slightly different from colors shown here. Samples and colors are subject to availability.

OUR HISTORY

In 2004, Tensoshade™ was founded as a one-man entrepreneurship operating with limited hours. Based out of San Antonio, Texas, its initial clientele list began as an e-commerce business by Irving Allande, a native Texan and architectural designer. His interest in the tensile structures and membrane industry, also known as fabric architecture, began from a background of family architects.

It was early 2009 when Tensoshade™ was established as a Limited Liability Company and full-time operation started on a progressive schedule. Since then, Tensoshade™ and its strategic partnership alliances have designed and installed thousands of tensile membrane structures in the USA, Mexico, and Central America.

Today, Tensoshade™ is one of the leading architectural tensile fabric systems companies in the Americas, setting a new precedent and providing continuing education to its partners.

The company vision is to grow into worldwide markets and design amazing membrane structures that provide weather protection and comfort, cultivate life styles, and increase the appeal of any site or gathering.



INDUSTRY RESOURCES

Tensoshade™ relies on the vast amount of knowledge from several industry-leading associations to promote market awareness of the “fabric architecture industry”.

Architectural Membrane Association (AMA)

Tensoshade™ relies on the Architectural Membrane Association platform with its vast amount of information on membrane structures. We also encourage our clients to learn more about the fabric architecture industry.

Fabrics Structures Association (FSA)

Formerly known as (LSA), FSA represents companies from around the world that provide structural textiles and products related to end users.

Tensinet

A multidisciplinary association which brings together and serves all of those involved in the construction of tensile structures.

American Institute of Architects

A community of over 90,000 members, with national headquarters in Washington, DC and over 250 chapters worldwide. It is passionate about driving positive change through the power of design. Together, with its members, it advocates for the value of architecture.



CONTINUING EDUCATION

Tensoshade™ promotes training among its members and alliances because, only in this manner, is it possible to grow and extend our knowledge in our industry, innovate and respond to the demands of the market. Our team of designers, architects and engineers have attended front line academic programs of this industry at the international level including the Master in Engineering of Membrane Structures and Shell Technologies from the University of Applied Sciences in Anhalt (Germany).

ABOUT THE PROGRAM

The main focus of the German school is in the use of the software for the calculation of loads and structures, structural design, the study of the physical and mechanical properties of the materials, the constructive knowledge of the tested mechanisms, sizing or dimensions, construction patterns, the development of projects and the maintenance of such.



CONTACT

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BEYOND SAN ANTONIO

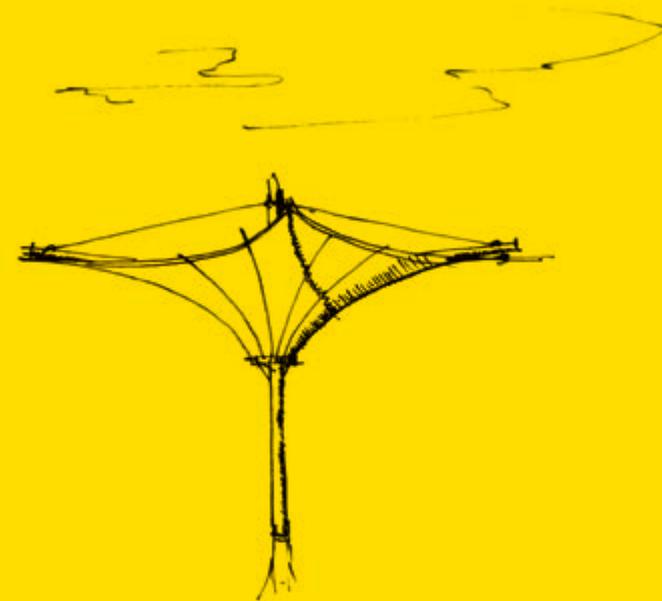
If you need assistance in any of the markets below please contact us at the toll-free number or reach us at our main office in San Antonio, Texas.

USA

- Dallas, TX
- Baltimore, MD
- Sarasota, FL
- Phoenix, AZ

Mexico

- Monterrey, NL
- Guadalajara, JAL
- Mexico City
- Cancun, QR



“My hope is that light,
flexible architecture
might bring about a
new and open society.”

—Frei Otto

