

SINCE 2009



# Masters of quality. Professionals in effectively cooling outdoor spaces.

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4 Post Hip Super Structure

Lake Travis ISD Lakeway, Texas



Modern Shade, located in Austin Texas, is committed to manufacturing the highest quality shade structures and back them with an industry leading warranty at competitive prices. We treat each customer as though they are our only customer, and we strive to exceed their expectations with outstanding service and exceptional products.

# The Modern Shade Difference

- Our shade structures provide an open feel that cools the air by as much as 25 degrees and blocks up to 97% of harmful UV rays
- MaxTension<sup>™</sup>, our proprietary pulley system, is designed to keep the fabric top tight and firm
- Our shades only use heavy PTFE Teflon<sup>®</sup> thread which is professionally designed with double sewing needles to create a lockstitch that prevent tears and rips
- All steel frames go through an extensive process of sand blasting, zinc primer and powder coating or can be galvanized for coastal applications
- USA manufactured in Austin, Texas
- 10/20 non-prorated warranty
- We ship anywhere in the continental United States and all shipments are carefully packaged for safe travel



# SQUARE & RECTANGLE SHADE STRUCTURES

- Most popular and efficient type of Shade Structures offered in our widest range of sizes
- Great for areas where columns can be placed at 90 degrees apart
- Offered in Regular Sizes (Typically under 35') & in Super Structure Sizes (Typically over 35')

















### 4 Post Hip

- Most popular and best value shade structure style offering optimal shade at the best price
- This design can easily accommodate multiple structures joined together with shared columns for large areas
- Standard sizes are 8'x10' up to 35'x35' on 4 posts
- Custom sizes are available in between

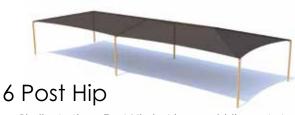
# 4 Post Pyramid

- Similar to the 4 Post Hip, except instead of a "Hip"/ Ridge Beam the top of the canopy comes to a pyramid
- This design can easily accommodate multiple structures joined together with shared columns for large areas
- Standard sizes are 8'x8' up to 18'x18' on 4 posts
- Custom sizes are available in between



# 4 Post Hip Super Structure

- Great way to shade large areas
- Standard sizes are 36'x36' up to 60'x60' on 4 posts
- Custom sizes are available in between



- Similar to the 4 Post Hip but has 2 middle posts to extend the length of the shade coverage
- Standard sizes are 20'W x 50' up to 70'L on 6 posts
- Custom sizes are available in between



# 6 Post Hip Super Structure

- Similar to the 4 Post Hip Super Structure to shade large areas, but provides even more shade with 2 middle posts
- Standard sizes are 30' x 60' up to 60' x 100' on 6 posts
- Custom sizes are available in between



# 8 Post Hip Super Structure

- Similar to the 6 Post Hip Super Structure, but providing 2 more posts for additional support to extend shade even further
- Standard sizes are 40' up to 60'W x 100' up to 120'L on 8 posts
- Custom sizes are available in between

# CANTILEVER SHADE STRUCTURES

- Fantastic for areas where columns may obstruct access or viewing
- **Great for Aquatic Areas Sporting Events - Car Parking**
- All Cantilever styles can have 2 or more structures connected together which is referred to as "Joined"







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Joined Full Cantilever Hips

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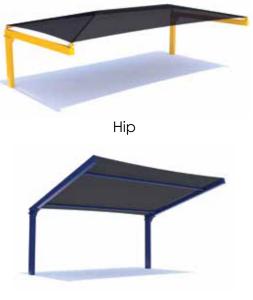








# CANTILEVER ROOF STYLES



Single Slope





Arched

#### Full Cantilever

Available in Hip, Pyramid, Single Slope or Arched Roofline



- shade canopy
  Standard sizes are 8' x 8' up to 20' overhang x 40'
- Custom sizes can extend up to 20' overhang x 50+' by adding a middle post
- For an Arched roofline, upgrade to our **High Brace** design or use the strengthened frame to extend the cantilever overhang for any other roofline



Available in Hip, Pyramid, Single Slope, or Arched Roofline

- Similar to the Full Cantilever except each post is offset under the beam between 2' to 7' (depending on structure size) from the back edge of the shade canopy
- Standard sizes are 8' x 8' up to 20' overhang x 40'
- Custom sizes can extend up to 20' overhang x 50+' by adding a middle post



## Semi Cantilever

#### Available in Hip or Pyramid Roofline

- Our most economical extended cantilever is somewhat of a hybrid between the Full and Offset Cantilevers with one post at the back edge of the shade canopy and a second post offset 4' to 7' in under the same beam
- With twice as many support columns, the Semi Cantilever design calls for smaller main steel sizes than the Full Cantilever
- Excellent for single sided parking and other applications requiring an extensive cantilever overhang
- Standard sizes are 18' x 18' up to 20' overhang x 40'
- Custom sizes can extend over 20' overhang x 50+' by adding a middle post





# Double Cantilever Hip

#### Available in Hip Roofline

- Similar to placing 2 Offset Cantilevers back-to-back with 2 posts under each beam to support extended lengths
- Standard sizes are 36' x 18' up to 36' x 40'
- Our largest cantilever is ideal for double sided parking

#### T-Post

#### Available in Hip, Pyramid, Single Slope, or Arched Roofline

- Each end of this shade canopy is supported by a single post directly under the center of a beam which forms a perfectly balanced T shape cantilever
- Perfect for tennis court seating and other applications where cantilevers need to extend equal distance on both sides of the posts
- Standard sizes are 8' x 8' up to 20' overhang x 40'
- Custom sizes can extend 20+' overhang x 50+' by adding a middle post

Heritage Park Longview, Texas

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High Brace Cantilever

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Hyatt Regency Lost Pines Resort Cedar Creek, Texas

# SAIL SHADE STRUCTURES

- Modern Shade Sails offer a unique combination of elegant design, vibrant color and functional shade to cool ambient temperature, while enhancing curb appeal
- Beginning with conceptual design, Modern
   Shade collaborates with architects and structural engineers to provide innovative fabric solutions for a meaningful outdoor experience
- For maximum tension and longer fabric lifespan, we recommend limiting each side to 40' spans
- The larger the Sail structure size is, the more height differential is required for proper slope which is necessary for preventing ponding during rainfall











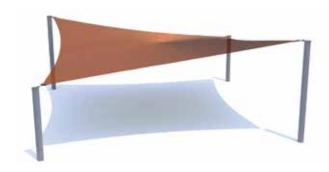


# 3 Point Sails

- In their most simplistic design, Triangle Sails attach to 3 posts with at least 1 post at a different height
- Standard sizes are 15'x15'x15' with post heights 8' up to 11' tall and lengths of fabric increasing by 5' up to a 40'x40'x40' with post heights up to 12' to 18' tall
- Custom sizes are available for almost any size up to 40' between posts and heights over 20' if required, and additional shade coverage can be achieved with multiple overlapping Triangle Sails







# 4 Point Sails

- Square and Rectangle shaped Sails attaching to 4 posts with varying heights, typically provide more shade and better value than a single 3 Point Triangle Sail
- Standard sizes are 15'x15' with 8' to 11' posts up to 40'x40' with 12' to 18' posts in 2 Main Configurations:
   Hypar: 2 diagonal high posts & 2 diagonal low posts creating a beautiful hyperbolic or "twisted" shape
   Lean-to: 2 high posts on the same side sloping down to 2 low posts on the opposite side
- Custom sizes, shapes and heights are available for columns placed anywhere within 40' of each other



# Custom Sails Cluster

- Fabric Architecture that is what Modern Shade can create for your site-specific project
- By mixing and matching multiple shapes and sizes of fabric sails with 3, 4, or more attachment points at various heights, your design will likely be the only one of its kind anywhere in the world
- Perfect for areas where post locations are limited or not evenly spaced out





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1203 Elm

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Oklahoma University Baptist Collegiate Ministry Norman, Oklahoma

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# UMBRELLA SHADE STRUCTURES

- Superb for shading small areas from 8' up to 20'
- Designed to maximize shade with minimal post obstruction
- Offered in Single or Dual Posts
- Choose from 3 Umbrella styles:
  - Cantilever Umbrella with a single column offset to one side
  - Center Post Umbrella with one column in the center
  - 2 Post Umbrella Hip with two columns in the middle connected by a ridge beam



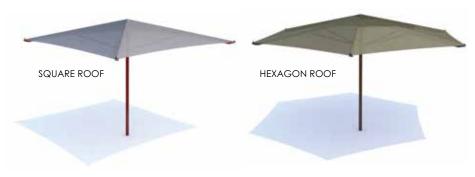


Yosemite Farm Credit Union Turlock, California



### Cantilever Umbrella

- One post cantilevered from the side creating an unobstructed shade area
- Maybe our most universal design, ideal for shading patios, benches, picnic tables, car wash attendants and any other smaller area under the sun
- Standard sizes are 8'x8' up to 20'x20'



#### Center Post Umbrella

- Classic umbrella with a single post in the center of the shade canopy
- Offered in 2 roof styles: Square and Hexagon
- Our most economical basic shade structure and still a fan favorite
- Standard sizes are 8'x8' up to 20'x20'

# 2 Post Umbrella Hip

- Combines 2 center post umbrellas into one rectangle umbrella by connecting the 2 posts at each peak with a center hip ridge beam
- Standard sizes are 8' x 16'; 10' x 20'; 12' x 24'; 15' x 30'
- The standard distance between the 2 posts is half the length of the structure. (ie. 8', 10', 12' & 15')



# MULTI-LEVEL, MULTI-PANEL SHADE STRUCTURES

Multi-Level Windmill

- With multiple, overlapping layers of sails integrated into a framed steel structure our Multi-Level Windmill presents a strikingly unique look
- Often used when a more architectural design is desired over a basic square or rectangle style
- 2 windmill structures may be joined together to extend shade coverage





Forest Oaks Park Cedar Park, Texas

West University Rec Center Houston, Texas



Pueblo of Nambe New Mexico

### Multi-Panel Hip

- A Hip frame but rather than attaching a single fabric cover, independent sail panels are suspended with tension in each segment of the hip frame
- For enhanced visual display, this design can be manufactured with alternating fabric colors
- Another unique feature is that one or more panels can be removed for increased sunlight if so desired

Multi-Panel Hip

# HEXAGON SHADE STRUCTURES

- Uniquely designed for covering circular areas with a festive, big top shade structure
- Providing maximum shade, Hexagons are ideal for playgrounds, picnic tables and display areas
- Offered in both Regular and Super Structure sizes







# CUSTOM & SPECIALTY SHADE STRUCTURES

- Modern Shade is expert in problem solving and Fabric Architecture
- Whether designing a cantilever column at a problematic install site or bringing a client's creative design ideas to life with fabric art as displayed in our one-of-a-kind Dragon Flies to beautify the City of Austin, we thrive on challenges
- Modern Shade partners with its clients to offer creative solutions as simple as custom fitting fabric for pergolas and other frames or as complex as designing highly custom sail shades with kedar rail systems



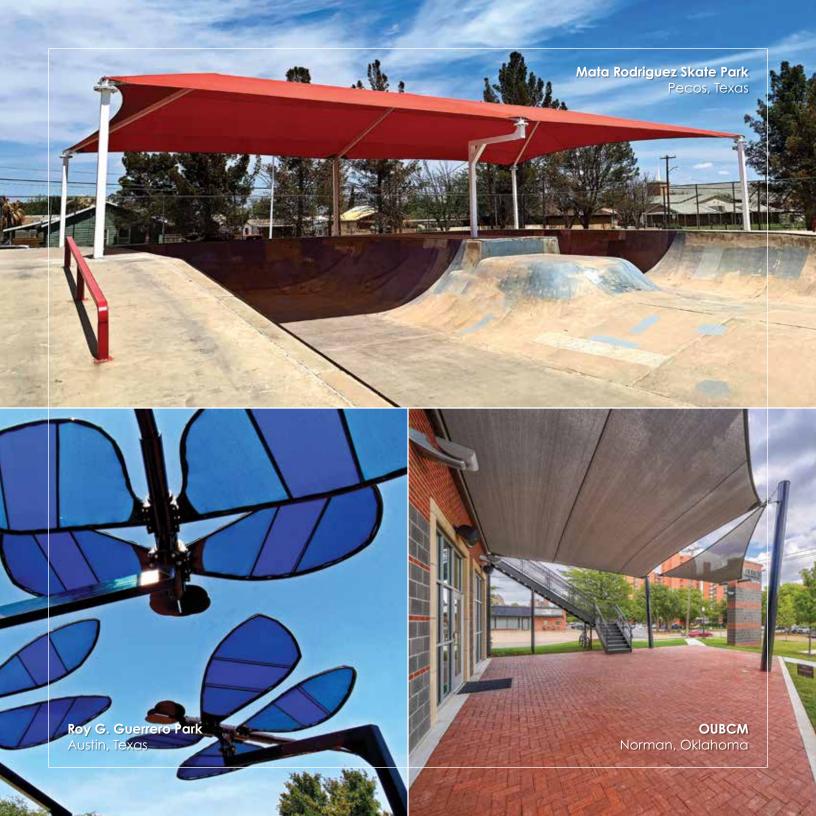












# COVERED PARKING

- Car dealerships, roof top parking garages, airports, apartments, hospitals, corporate parking, and many others are all perfect clientele for covered parking structures
- Often referred as "hail nets", car dealerships may receive discounts on their insurance premiums when hail and sun protective structures are installed over their vehicle inventory
- To help mitigate the risk of hail damage around the canopy perimeter, vehicles should be parked under center and the canopy itself must be large enough to adequately protect the front and back ends of vehicles











# OUTDOOR CLASSROOMS

According to a 2018 study at UC Berkeley, teaching a class outside helps kids be more attentive and focused once they return indoors.

Studies show Outdoor Classrooms may lead to these benefits:

- **Decreased behavior problems**
- More engagement, cooperation and creativity
- **Reduced stress and better sleep**
- Better test scores and higher grade point averages

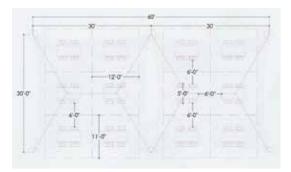


### 30' x 30' 4 Post Hip Structure

Sits up to 36 students



#### 30' x 60' Joined 4 Post with Two Canopies Sits up to 48 students



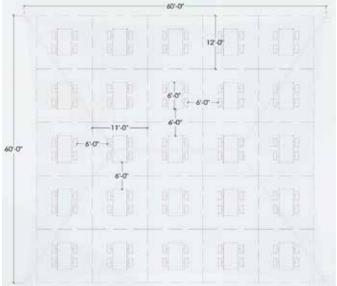


Modern Shade's architectural HDPE mesh fabric blocks up to 97% of harmful UV rays while still allowing light to pass through so the shaded areas are not too dark. Our HDPE fabric allows heat to escape through its mesh roof which in turn can lower temperatures under by as much as 25 degrees.



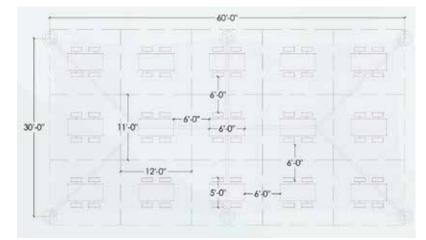
60' x 60' 4 Post Hip Super Structure

Sits up to 100 students



#### 30' x 60' 6 Post Hip with Single Canopy

Sits up to 60 students





# **RESIDENTIAL SHADE STRUCTURES**

- Residential shade structures are more affordable than Commercial and are perfect for shading outdoor patios, backyard pools or even vehicles
- Our shade fabric dramatically reduces ambient temperatures by as much as 25 degrees making outdoor living spaces more enjoyable even during the hottest times of summer
- Mitigates risk of hail damage to property
- Engineered for 60mph winds (3 second gusts)
- Canopy top should be removed if weather conditions are expected to exceed design limits
- Available in all of the same fabric and color options as our Commercial grade shade structures
- We recommend checking with your HOA for approval before purchasing



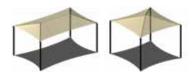




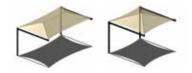




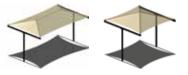




Residential 4 Post Hip/Pyramid Standard Sizes are 10'x10' up to 20'x20' by 7' tall



Residential Cantilever Hip/Pyramid Standard Sizes are 10'x10' up to 10'x18' by 7' tall



Residential T-Post Hip/Pyramid Standard Sizes are 10'x10' up to 10'x18' by 7' tall



Residential Umbrella Standard Sizes are 10'x10' up to 14'x14' by 7' tall



Residential 3 Point Sail Standard Sizes are 9'x9'x9' up to 15'x15'x18' by 7' tall



Residential 4 Point Sail (Hypar or Lean-To) Standard Sizes are 9'x9' up to 15'x18' by 7' tall



# SHADE ACCESSORIES

### Fabric Side Panels

- Fabric Side Panels are available on most structures and offer additional protection from sun and hail exposure by attaching vertical panels of fabric between posts
- Choose between vertical panels that attach between posts or angled fabric panels which attach from the posts to the rafters underneath the main fabric canopy

#### Safety Post Pads

- Safety post pads are an excellent way of providing protection against bumps and bruises, busted lips and cracked teeth
- Made of condensed foam and UV & water-resistant fabric, post pads can also provide protection against costly nicks and dents to property
- Our post pads literally wrap around any square or round post, and are the perfect safety solution for Child Care & School Playgrounds, Gyms, Sport Facilities, Support Columns, & Car Ports

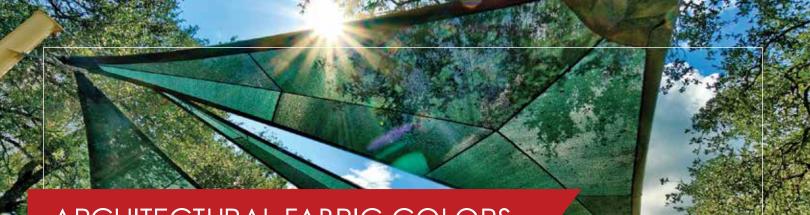




# TAILGATE UMBRELLA SHADE

- Whether tailgating at your favorite sporting event or spending family time at the beach or even working at a hot construction site, our tailgate shade structures will keep you cool and protected from harmful ultraviolet rays with up to 97% UVR block
- All of our products are manufactured in the USA and are not sold in retail outlets. You will not find a stronger tailgate shade product on the market!
- Our 9'x9' umbrella shades are designed to slide into a receiver hitch that holds the main support steady or an optional drive over mount for cars without a trailer hitch
- Available in two heights:
  - 6' Tailgate Umbrella for pickups
  - 7' Tailgate Umbrella for SUV's





94.1% UVR Block

# ARCHITECTURAL FABRIC COLORS

#### Commercial 95 340<sup>®</sup> Our Standard Fabric

- Construction lockstitch monofilament & tape yarns
- 340 gsm fabric suitable for applications spanning a wide array of sizes and designs
- Provides the optimal combination of sun protection, strength, and durability to ensure low maintenance, and long-life performance
- The most expansive color assortment in the HDPE shade fabric market. Offering 22 rich, vibrant and on-trend colors to fulfill a wide range of design requirements
- Industry-leading stentering process provides premium lay flat characteristics to assist with accurate design and fabrication
- Backed by a full 10-year warranty against UV degradation and designed to withstand the world's harshest environments
- 100% Lead and Phthalate free
- Up to 96% UV block
- Meets ASTM E-84 19B Class A flame rating

All Colors are available in FR which meet CSFM Title 19 1237.1 and NFPA 701 Standards Test Methods 1&2





95.5% UVR Block

#### DualShade 350<sup>®</sup> Additional fee for this Premium Fabric

- Construction lockstitch monofilament & tape yarns
- This fabric is truly unique in both its aesthetic and performance. Two different color yarns are combined to create a single fabric that produces a truly transformative effect
- The beautiful palette of color combinations will enhance the design of any outdoor space
- Dimensionally stable fabric reduces retensioning frequency and associated maintenance costs, resulting in longer fabric life and improved performance
- Maximum durability achieved through use of high quality, UV stabilized monofilament and tape yarns joined by a lock-stitch knit pattern
- Superior long-term performance achieved through an even distribution of force across the tensioned fabric
- Ideal for human sun protection offering up to 94% UV Block
- 10 Year Warranty
- Meets ASTM E-84 19B Class A flame rating

All Colors are available in FR which meet CSFM Title 19 1237.1 and NFPA 701 Standards Test Methods 1&2





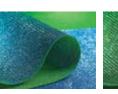




**Citrus** 91.9% UVR Block

Sunburst 90.6% UVR Block





Chameleon 90.3% UVR Block

**Topaz** 90.6% UVR Block

Amazonia 92.4% UVR Block







Savanna 92.3% UVR Block

CobblestoneG93.6% UVR Block91.5%









**Capri** 92.1% UVR Block

**Santorini** 92.2% UVR Block Maldives 90.9% UVR Block



#### Commercial Heavy 430<sup>®</sup> Additional fee for this Premium Fabric

- Construction lockstitch made from 100% round monofilament HDPE yarn 430 GSM and with a patented intertwining knit pattern, Heavy features superior biaxial and load bearing performance for optimum shade and tensioning endurance
- Engineered to withstand extreme weather conditions on large scale tension structures
- Up to 94% UVR Block protection and is available in 16 popular colors, making it easier than ever to complement existing design elements and color schemes
- Patented intertwining knit pattern resulting in superior biaxial performance
- 100% round monofilament HDPE yarn for optimal structural stability
- 10 Year Warranty
- Meets ASTM E-84 19B Class A flame rating

All Colors are available in FR which meet CSFM Title 19 1237.1 and NFPA 701 Standards Test Methods 1&2





87.9% UVR Block

87.5% UVR Block

87.3% UVR Block





# Powder Coat Color Options

- High Strength Pre-galvanized and ASTM
- TGIC polyester powder shall meet or exceed ASTM standards for adhesion, hardness, impact, flexibility, over bake resistance, and sea spray resistance
- The manufacturer shall provide a 20 year non-prorated warranty against failure due to rust-through corrosion on steel frames
- Structural steel tubular products shall be cold-formed structural quality carbon steel complying with ASTM A-500, Grade B except where engineer drawings specify otherwise
- All steel frames are blasted prior to coating to ensure adhesion and primed with a zinc rich primer to prevent rust from within.
- Powder coated in the approved color by electrostatically applying and baking at 400 degrees Fahrenheit to a thickness between 3.0 - 5.0 mil for a consistent glossy finish
- Welding performed in accordance with the latest edition of the American Welding Society Structural Welding Code ASW D1.1
- Standard practice welding performed using E-70 electrodes or gas-metal arc welding utilizing ER 70- S6
- Installation, design, and structural specifications shall be in accordance with ASTM Structural Specifications for Bolted Connections
- Optional Hot Dip Galvanizing available upon request













Signal Red RAL 3001



Sepia Brown RAL 3014







Beige RAL 1001

Signal Blue RAL 5005







Moss Green RAL 6005

Zinc Yellow RAL 1018





RAL 7040

Light Ivory RAL 1015

**Signal White** RAL 9003

Colors shown may deviate from the actual color due to screen & print technology

# PRODUCT OVERVIEW



4 Post Hip



4 Post Pyramid



4 Post Super Hip



6 Post Hip



6 Post Super Structure



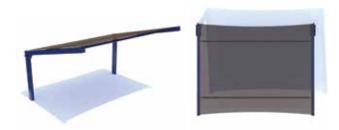


8 Post Super Structure

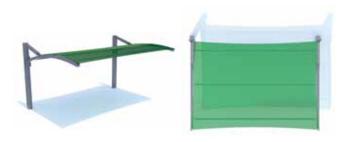


Full Cantilever Hip

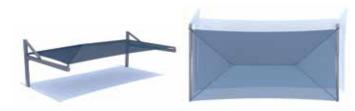
Full Cantilever Pyramid



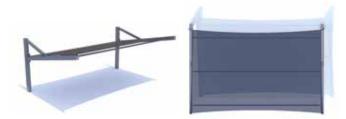
Full Cantilever Single Slope



Full Cantilever High Brace Arched



Full Cantilever High Brace Hip



Full Cantilever High Brace Single Slope



Offset Cantilever Hip



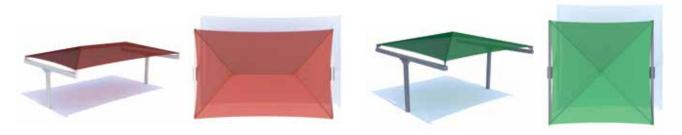


Offset Cantilever Single Slope



Offset Cantilver Arched





T-Post Hip

T-Post Pyramid



T-Post Single Slope

T-Post Single Arched



Double Cantilever Hip



3 Point Triangle Sail



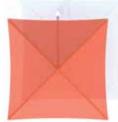
4 Point Hypar Sail



4 Point Lean-To Sail

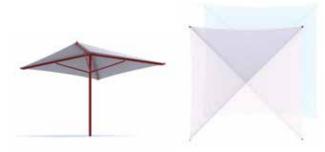






Custom Sails Cluster

Cantilver Umbrella



Center Post Umbrella



Center Post Umbrella Hexagonal



2 Post Umbrella Hip





Multi-Level Windmill







# SHADE APPLICATIONS

### Shade Structure Markets and Applications are Endless

- Agricultural and Livestock
- Apartments and Condominiums
- Car Washes and Oil Lube Details Areas
- Churches
- City Bus Stops and Railcar Waiting Areas
- Concession and Viewing Areas
- Courtyards
- Covered Parking for Auto & Boat Dealers, Airports, Hospitals, Corporations and Fleet Parking
- Covered Walkways
- Dog Parks and Kennels
- Golf Driving Ranges and Country Clubs
- Government, Military and Border Control
- Grocery Store Entrances
- Hide and Protect Unsightly A/C or Maintenance Equipment
- HOA Amenities
- Landscape Architecture

- Outdoor Amphitheaters
- Outdoor Basketball and Sport Courts
- Outdoor Classrooms and Playgrounds
- Outdoor Dining and Patios
- Outdoor Event Areas for Seating, Parking and Ticketing Areas
- Parks and Recreation
- Racetracks
- Resorts and Outdoor Living
- Rooftops for Dining and Parking Garages
- School Play Areas and Pick Up / Drop Off Areas
- Splash Pads and Skateparks
- Stadiums, Bleachers and Dugouts
- Swimming Pools and Lifeguard Stations
- Tennis and Pickle Ball Courts
- Theme and Water Parks
- Water Treatment Plants
- Wedding Venues



# THE BUYING PROCESS

#### Step 1 Free Onsite Consultation

In order to properly measure and make design recommendations, we suggest scheduling a free onsite consultation with a Modern Shade Dealer who is trained and experienced in selling and installing our shade structures.

#### Step 2 Design

Is your primary goal centered more on architectural aesthetics or is it to provide functional shade coverage at the most affordable price? Identifying primary and secondary goals as well as understanding your budget will help guide us towards the right solution that will best meet your needs. Whether it's designing multiple, overlapping Sails or optimizing a basic 4 Post Hip shade over a playground, our team of designers will collaborate with you and our Dealer to achieve the desired end result.

#### Step 3 Cost Feasibility

Once needs are identified and the appropriate shade design is developed the next step is for our Modern Shade Dealer to provide a turnkey, installed Quote. If the cost exceeds your budget, then we will examine what adjustments can be made to lower the price within budget or possibly do the project in phases.

#### Step 4 Purchase

Once a buying decision has been made, we recommend placing an order well in advance of the desired installation date to allow time for design, engineering (if required), permitting (if required), manufacturing and installation schedules. If permitting is required, Sealed Engineered Drawings will most likely be mandated. Once approved for manufacturing, we will process your order as expeditiously as possible. Check with us at time of order for the most accurate estimated lead times.

#### Step 5 Shipping and Installation

Once your order is complete, we will verify shipping information and confirm someone will be available to offload with a forklift. It is the owner's responsibility to ensure proper equipment and manpower are available to offload in a secure area. We recommend meeting the installer onsite before installation commences to verify that the column locations and orientation of your new shade structure are laid out accurately.

#### **Step 6** Maintenance

Once installed, Modern Shade structures are easy to maintain and require minimal maintenance. We recommend checking fabric tops annually to ensure proper cable tension is maintained, all connecting hardware is properly secured and all bolted connections and joints are caulked as needed to prevent rust. To preserve the finish, if any area on the coated steel frame is nicked or scuffed down to the bare metal (regardless of cause), the owner should remove with sand paper or wire brush, prime and repaint. To remove dirt or bird droppings from fabric tops, simply spray the underside with water. For stubborn dirt, mild dish soap may be applied and rinsed.

#### **Limited Warranty**

Modern Shade offers a 10 year **non-prorated** warranty on the shade fabric, a 20 year **non-prorated** warranty on steel frames and a 1 year warranty on all moving parts, surface coat finish, or any other product or part not covered by the above warranties.







MODERNSHADELLC.COM