

California Division of the State Architect





USA SHADE was the first fabric structure designer/fabricator in California to receive Division of the State Architect (DSA) approval and offers the largest selection of DSA Pre-Check (PC) structures.



### **fabric**

Our high-density polyethylene (HDPE) mesh fabric is approved by the California State Fire Marshall and offers varying degrees of UV and shade factor protection.



### **steel**

Finish options include standard polyester-TGIC powder coating for UV protection and fade resistance. Zinc-rich primer or hot-dip galvanizing are also available for added protection from corrosion.



### **inspection**

Each school district is responsible for all required DSA inspections.



### **installation**

Installation and site work are required to be inspected by an Inspector of Record (IOR) approved by the DSA and hired by the school district.



### **design/engineering**

USA SHADE offers 41 DSA PC models with engineering that is ready for DSA Over-the-Counter approval the same day. Custom engineering is an option if a PC model does not fit our customer needs.



### **warranty**

Fabrics carry a 10-year limited warranty against significant fading, deterioration, breakdown, mildew, outdoor heat, cold, or discoloration.



# DSA PC Models

## four-post hip



model number	max size	max entry height
DSA401203012-16	20' x 30'	12'
DSA401303012-16	30' x 30'	12'
DSA401304012-16	30' x 40'	12'
DSA4012030-16	20' x 30'	15'
DSA4012030-16	30' x 30'	15'
DSA4012040-16	30' x 40'	15'
DSA4014040-16	40' x 40'	15'
DSA401S2030-16 (#20 snow load)	20' x 30'	15'

## four-post hip joined or double-wide



model number	max size	max entry height
DSA401J202512-16	20' x 25' per unit	12'
DSA401J203012-16	20' x 30' per unit	12'
DSA401J303012-16	30' x 30' per unit	12'
DSA401J304012-16	30' x 40' per unit	12'
DSA401J2025-16	20' x 25' per unit	15'
DSA401J2030-16	20' x 30' per unit	15'
DSA401J3030-16	30' x 30' per unit	15'
DSA401J3040-16	30' x 40' per unit	15'



## four-post hip joined quad



model number	max size	max entry height
DSA401Q202512-16	20' x 25' per unit	12'
DSA401Q203012-16	20' x 30' per unit	12'
DSA401Q303012-16	30' x 30' per unit	12'
DSA401Q304012-16	30' x 40' per unit	12'
DSA401Q2025-16	20' x 25' per unit	15'
DSA401Q2030-16	20' x 30' per unit	15'
DSA401Q3030-16	30' x 30' per unit	15'
DSA401Q3040-16	30' x 40' per unit	15'



# DSA PC Models

single post pyramid



model number	max size	max entry height
DSA1031414-16	14' x 14'	12'
DSA1032020-16	20' x 20'	12'

single post pyramid cantilever



model number	max size	max entry height
DSA1241414-16	14' x 14'	12'



mariner



model number	max size	max entry height
DSA4073030-16	30' x 30'	15'

joined mariner



model number	max size	max entry height
DSA407J3030-16	30' x 30' per unit	15'

quad mariner



model number	max size	max entry height
DSA407Q6060-16	60' x 60'	15'

# DSA PC Models

single full cantilever hip



model number	max size	max entry height
DSA2022030-16	20' x 30'	15'

single full cantilever hip joined



model number	max size	max entry height
DSA3022060-16	20' x 30' per unit	15'



single tri-truss cantilever



model number	max size	max entry height
DSA2062030-16	20' x 30'	15'

single tri-truss cantilever joined



model number	max size	max entry height
DSA3052060-16	20' x 30' per unit	15'

# DSA PC Models

## triangle



model number	max size	max entry height
DSA30125-16	25' x 25' x 25'	15'
DSA30140-16	40' x 40' x 40'	15'

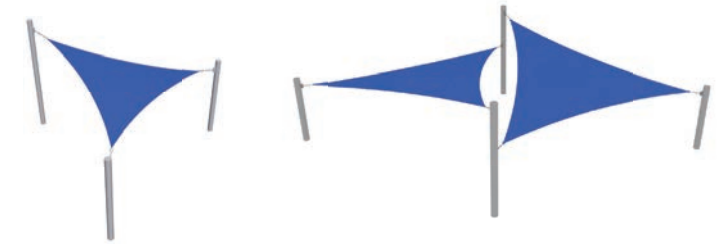
## hexagon



model number	max size	max entry height
DSA60340-16	up to 40' diameter	15'
DSA60360-16	up to 60' diameter	15'



## 3-point sail and 3-point sail joined



model number	max size	max entry height
DSA30730-16	30' x 30' x 30' per unit Can be joined to a maximum length of 200'	19'

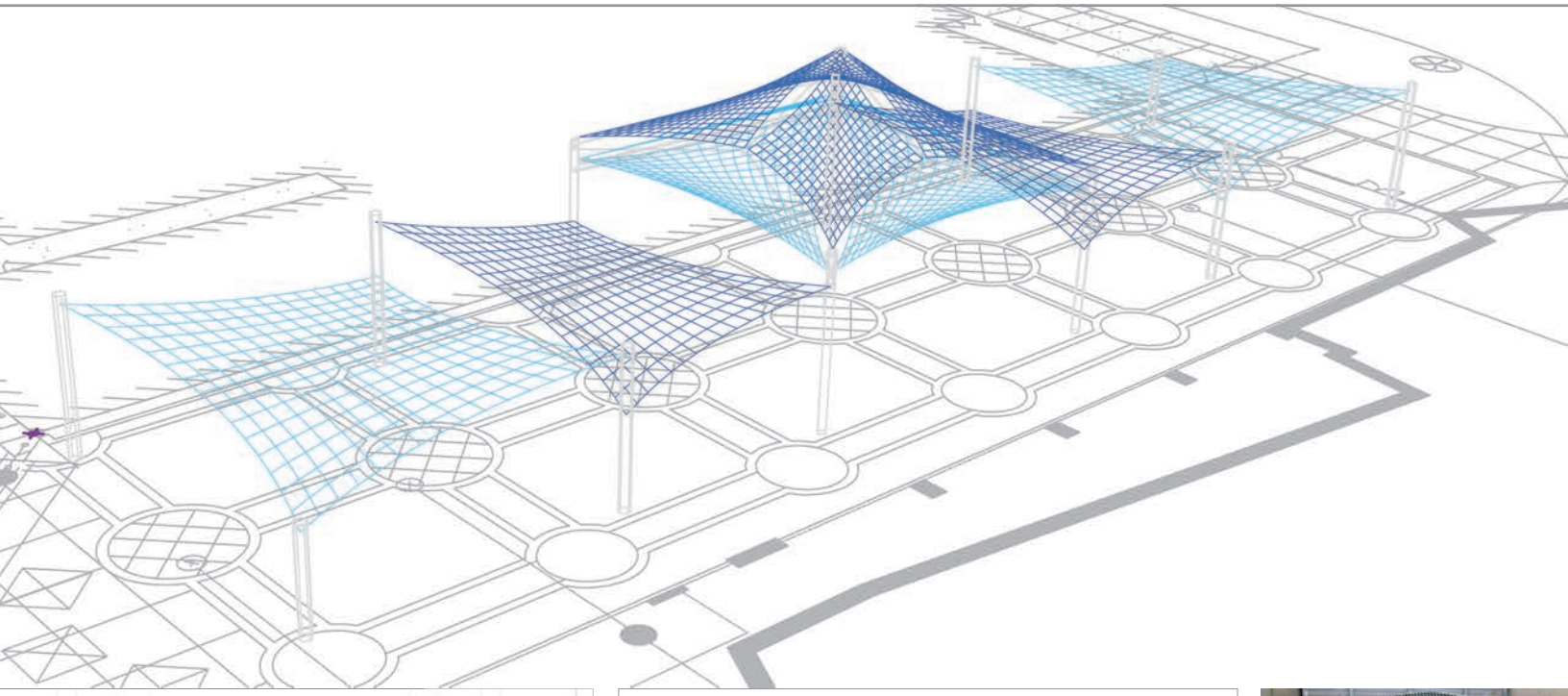


## 4-point sail and 4-point sail joined



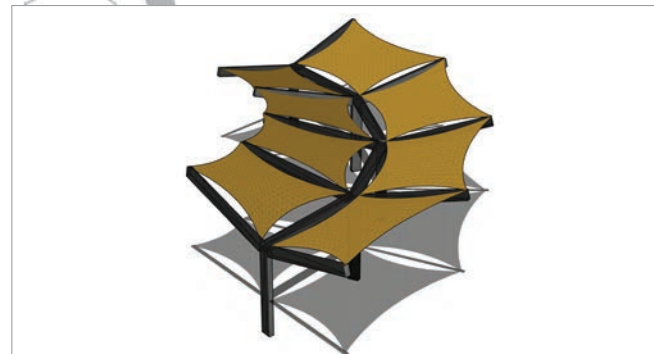
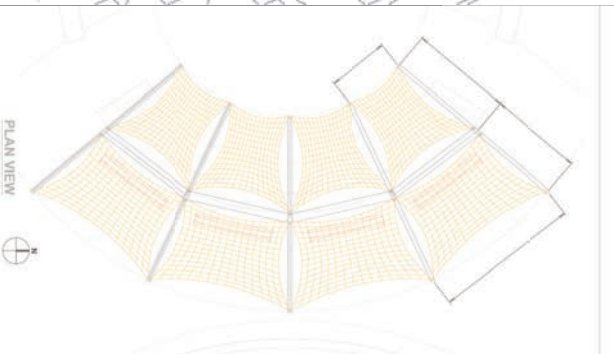
model number	max size	max entry height
DSA4182020-16	20' x 20' per unit Can be joined to a maximum length of 300'	19'
DSA4183030-16	30' x 30' per unit Can be joined to a maximum length of 200'	19'





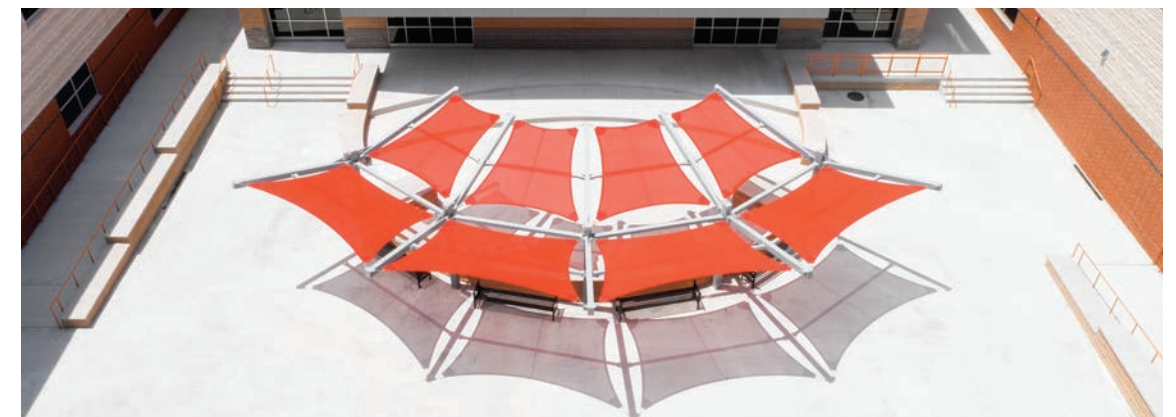
## DSA Approval Process

For over 20 years, USA SHADE has worked as the pioneer in the DSA shade business. We understand the DSA process better than anyone in the industry. As such, we can help guide you and your team through your DSA project, whether it is with our PC structures or if a custom design better fits your needs.



## DSA Custom Shade Structures

Our expert teams of Regional Managers and Architectural Specialists help our clients from the conceptual design phase to the final installation. Using state-of-the-art 3D/CAD software, projects can be visualized and customized prior to fabrication and construction. USA SHADE provides professional consultations and works closely with architects, educational facility planners, Parent Teacher Organizations, engineers and other design professionals to carry the project from start to finish.





# inspiration

At USA SHADE, our capabilities go above and beyond our standard offering to provide world-class shade solutions for any type of project. Through collaboration with our customers, our design experts, and our seasoned engineers, we bring custom project ideas to life.

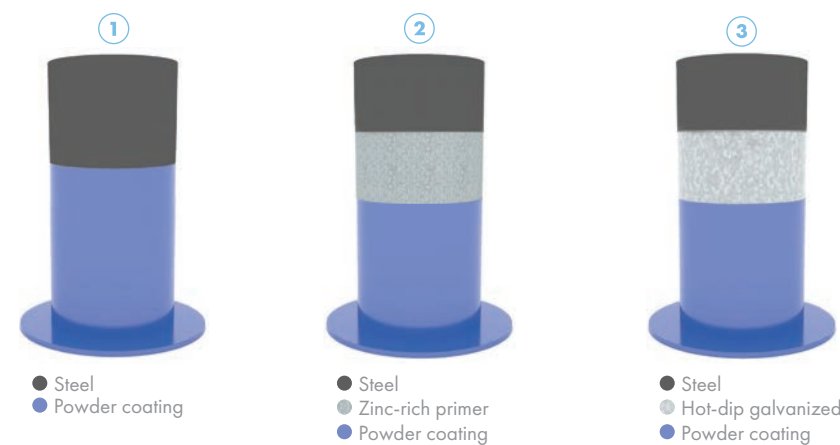


USA SHADE makes product selection easy with the largest DSA approved shade selection. Whether you need a standard DSA model or a custom solution for your DSA project, we offer a variety of finish and fabric color options to fit every customer need.

## finish options

Following a thorough cleaning, we apply your choice of finishes to our steel structures:

- 1 **Polyester-TGIC powder coating** provides maximum adhesion, UV protection and fade resistance. Available in a wide range of colors, this coating has higher surface hardness/scratch resistance than common liquid paints.
- 2 **Zinc-rich primer** provides added corrosion protection around areas such as pools, reclaimed water irrigation and salt water.
- 3 **Hot-dip galvanizing** provides the best protection in the industry. The steel is dipped in zinc, then powder-coated or wet-painted to resist corrosion in areas with salt water or high humidity.



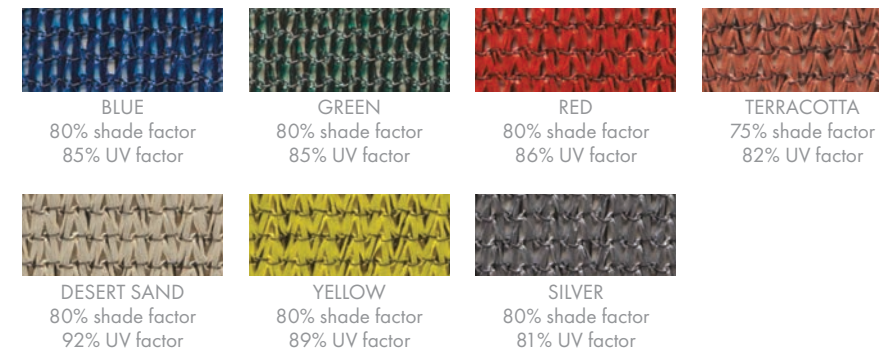
## fabric colors



Colourshade® FR (fire-rated) fabrics carry a comprehensive manufacturer's warranty from the date of installation against failure from significant fading, deterioration, breakdown, mildew, outdoor heat, cold, or discoloration. All of our fabrics are easy to maintain, providing protective shade and vibrant color over a long life.

### COLOURSHADE® FR

PASSES: NFPA 701 / ASTM E84 / CSFM TITLE 19



## powder coat colors

We offer a variety of standard powder coat color options for our steel. For custom color options, contact your local rep for assistance.



The samples of the colors of the steel and the fabrics shown in this document are for demonstrative purposes and are subject to the printing capacities. Please contact us for physical samples of fabric and steel colors.

Endless possibilities.  
Uncompromising quality.  
Lasting partnerships.

[usa-shade.com](http://usa-shade.com)



#### **USA Headquarters**

*FedEx & UPS Shipments*  
2580 Esters Blvd.  
Suite 100  
DFW Airport, TX 75261  
TF: 800.966.5005  
PH: 214.905.9500  
FX: 214.905.9514

#### **Mailing Address**

*For US Postal Service Mail*  
P.O. Box 3467  
Coppell, TX 75019

#### **California - Orange Office**

1085 N. Main Street  
Suite C  
Orange, CA 92867  
TF: 800.507.4233  
PH: 714.427.6981  
FX: 714.427.6982

#### **California - Napa Office**

927 Enterprise Way  
Suite A  
Napa, CA 94558  
TF: 800.507.4233

#### **Nevada Office**

6225 S. Valley View Blvd.  
Suite I  
Las Vegas, NV 89118  
PH: 702.227.5273  
FX: 702.227.5132

#### **Arizona Office**

2452 W. Birchwood Ave.  
Suite 112  
Mesa, AZ 85202  
PH: 480.446.0066  
FX: 480.446.8679

#### **Southeast Office**

P.O. Box 82146  
Atlanta, GA 30354  
PH: 214.905.9500