

# Barrel Vault

Barrel vault structures provide an attractive large span covered solution suitable for many applications. Custom engineered to suit your requirements with flexible column spacings and wide spans our barrel vault structures are available with a shade cloth or waterproof membrane cover.

These structures are ideally suited to covering large areas and can be built with a height to cover outdoor play equipment or to provide cover for outdoor sports. We will tailor a solution to suit your application including the best selection of fabrics and steel finishes.

## Typical applications:

Swimming pools, school assembly areas, basketball and tennis courts

## Key design advantages:

Ideal solution where heights must exceed 4m above ground level and wide spans are required





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1. St John's Lutheran - 33m x 16m Barrel Vault
2. Pulteney Grammar - 24m x 13m Barrel Vault
3. Stansbury Caravan Park - 14m x 10m Barrel Vault
4. Wallaroo Primary School - 30m x 12m Barrel Vault
5. Marryatville Primary School - 31m x 15m Barrel Vault

**weathersafe**

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[weathersafe.com.au](http://weathersafe.com.au)

# Commercial Shade Solutions

Operating since the early 1950s, Weathersafe has grown to become the leading provider of commercial outdoor shade and shelter solutions. From large span fabric structures and hard roof outdoor learning areas to bespoke retractable roofs we've got you covered. We are experts in tensile membrane architecture and all weather outdoor protection.

We custom design, engineer, manufacture, install and maintain premium all weather structures, and provide smooth project management by handling project communication, documentation, council applications, approvals and private certification. We pride ourselves in customer service and would very much like to be part of your next project, please feel free to get in touch to discuss your requirements.

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## **Design and Engineering**

Our in house designers, engineers and draftsmen will provide 3D CAD drawings and renders of your project to help you visualise the end result. We use state of the art tension membrane software to ensure the structural integrity of all designs and to provide you with the most accurate up front quotation.

## **Manufacturing process**

Weathersafe proudly manufacture our shade structures locally. We work with a range of highly qualified and respected suppliers who are dedicated to work with us ensuring our products meet and exceed Australian standards.

## **Corrosion protection & powder coating**

To ensure the longest life and prevent rust and corrosion, we hot dip galvanise structural steel components of our structures after manufacture. All galvanising is completed to Australian Standard AS NZS-4680 which carries a minimum service life of 25 years or more.

To enhance appearance, weather resistance and durability we powder coat many of our structures after galvanising. This premium coating technique is done professionally, in a confined space, reducing effects on the environment, as opposed to spraying the steel once assembled on site.



### **Fabric selection**

We use only the highest grade commercial fabrics to ensure longevity and maximum protection from the elements. For shade structures we recommend Australian made Monotec 370 shade cloth, it produces a flawless look under tension and is backed by a 15 year warranty. We work with all leading brands of commercial cloth to cover any design element. Our waterproof PVC fabrics are manufactured in Europe providing the highest quality and most extensive colour selection.

### **Project management**

Our highly experienced team will manage your project at every stage. This includes design, drafting, engineering, council approvals, manufacture, compliance, installation and site clean up, ensuring a hassle-free process.

### **On site compliance**

We take safety very seriously and believe that we are the most compliant in our industry. We have complete documentation available and are accredited with Spotless, DPTI, LGA and DECS. All relevant staff have necessary police, DCSI and Catholic School clearances and carry all required licences and tickets required for safe and compliant installation.

### **Warranties and maintenance**

We stand by our entire range of products and offer the strongest warranties for both materials and installation in the industry. Our structures will have a very long life if well maintained. We offer inspection and maintenance services to give you peace of mind your asset will perform well into the future.

### **Competitive fixed price quotations**

With over 50 years industry experience we believe we offer the best in design, materials, price and service. If, by chance you do receive a lower priced quote there's probably a reason. Please take some time to compare our offer with our competitors then feel free to call us to discuss.

### **Get in touch**

Call Weathersafe on 1300 818 864 or send your project requirements to [shades@weathersafe.com.au](mailto:shades@weathersafe.com.au).