



MakMax
Australia

Salesian College Sunbury Sports Court Cover, VIC

MakMax Shade Solutions for Education

SHADY SCHOOLS ARE COOL SCHOOLS

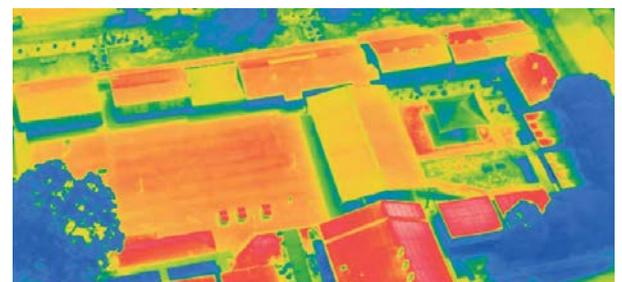
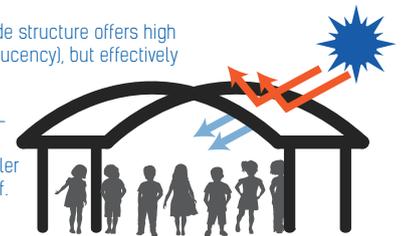
A custom designed fabric structure by MakMax Australia offers bespoke shade and weather solutions to protect your students. A tensile membrane structure can create a sun-safe, weather-protected area suitable for a wide range of applications specific to schools, learning centres and education facilities.

MakMax Australia can create a cover for outdoor areas to suit most climates, spaces or pavement surfaces. Our experience in creating unique campus spaces enables us to provide you with tensile membrane structures that enhance the experience of the whole area.

Whether your requirement is a fully weatherproof school COLA, a lunch area shade cover, or an architectural statement to support your school's signature sporting program, MakMax Australia can design to suit your specific area and budget.

A membrane roof or shade structure offers high light transmission (translucency), but effectively reflects heat.

On a 35°C day, the under-surface of a membrane roof will be up to 9°C cooler than a metal or slate roof.



Design. Engineer. Fabricate. Install.

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COVERED OUTDOOR LEARNING AREAS (COLAS)

The addition of a covered outdoor learning area to a school can enhance the learning environment.

The ability to run school activities outside can foster greater learning and encourage healthy student development, promoting an active, sun-safe outdoor experience.

A MakMax COLA will add long-term value to your school campus, with a finished project that will provide many years of service life.



SPORTS COURT CANOPIES

A translucent membrane roof is particularly suitable for sports court covers, as they provide an even natural light with very little shadowing during the day. The use of tensile membrane canopies can also assist in maintaining air flow, while still providing effective sun and weather protection.

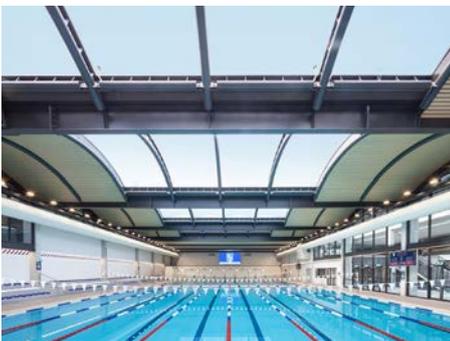
Practise or play in any weather with a MakMax full-coverage sports court canopy, keeping athletes cool and comfortable in hot conditions and dry during inclement weather.



BESPOKE SHADE STRUCTURES

Adding a unique architectural outdoor space to your campus can help stimulate young minds, and attract new students to your school.

Our experience in creating bespoke tensile membrane structures enables us to provide you with a shade structure that will enhance the visual appeal of the school yard experience, while at the same time protecting your students and staff.



SWIMMING POOL SHADE / SKYLIGHTS

Sun safety is essential for all education facilities; particularly for sports held in and around a pool area.

MakMax Australia have solutions for both indoor and outdoor pools. UV blocking but high-translucency materials, such as ETFE, make an attractive and unique skylight for indoor pools.

The MakMax Velarium Variable Shade System for outdoor pools makes adjusting shade over an outdoor pool area as easy as pushing a button.



MODULAR SHADE STRUCTURES

MakMax Modular Shade Structures have been installed as cost-effective shade solutions for education institutions across the country.

Our ability to link multiple units together to provide greater shade cover, means that you can create a space that is uniquely suited to your school campus.

MakMax Modulares are robust with a long service life; and can convert a basic open area into a comfortable shaded space for students and staff.



BUS STOPS & PORTE COCHÈRE

The entry to your facility is your window to the world. A tensile membrane canopy or feature at the entrance is a statement that can "wow" current and future students and sets the feel for the professionalism of your school.

MakMax Australia can work with you and your architects to help create a walkway, porte cochère or external feature that demonstrates your commitment to excellence and student welfare.



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THE MAKMAX TENSOCOLA CANOPY

A pre-engineered structure with the ability to be adapted for any width, length, height and location, the MakMax TensoCola Canopy is our most popular COLA shade cover for schools.

A traditional barrel-vault style canopy which provides a strong, safe structure, the MakMax TensoCola Canopy can be used for a variety of applications

- » Playground shade cover
- » School swimming pool
- » Assembly area
- » PE / Recreation Yard
- » Weather protection for outdoor lockers
- » Lunch seating area
- » Porte cochere/school entrance



ADAPTABLE SHAPE

With qualified engineers and designers on staff, we can adapt your MakMax TensoCola Canopy to fit the space required. Engineering integrations can include;

- » Higher or lower sides to accommodate adjacent buildings
- » Additional awnings or membrane sections to weatherproof access to the under-canopy area
- » Reinforced steel supports in high wind zones
- » Guttering / drainage to redirect water to storm water runoff or rain water tanks

TECHNICAL SPECIFICATIONS

| | |
|---------------------------------|---|
| Engineering & Design | Design work and coordination will be undertaken by our in-house team of specialist structural engineers. |
| Footings & HD Bolts | Where footings are installed by the customers builders or construction company, Reaction Loads Summary & supply of HD bolts included |
| Steelwork | Structural steelwork is designed and fabricated in accordance with the requirements AS4100. |
| Membrane | PVC or PTFE <ul style="list-style-type: none"> » Architectural grade PVC polyester fabric, Mehler FR700N with PVDF coating to both sides of fabric, TiO2 top coating and UV and anti-microbial treatment » Architectural grade PTFE fiberglass fabric, Chukoh FGT600 with fluoro-carbon coating both side of the fabric, FEP fluoro-carbon resin topcoat |
| Translucency | 6%-8% (PVC) or 10%-15% (PTFE) |
| Edge Cables | Galvanised steel cables with stainless steel terminations |
| Hardware | Galvanised Steel |
| Extrusions | Anodised aluminium |

THE MAKMAX TENSOSPORT CANOPY

The MakMax TensoSport Canopy is a larger version of our TensoCola School Canopy. Designed to cover larger spans without any internal pillars, this canopy is perfectly suited to all forms of sports facility shade and weather protection.

The MakMax TensoSport Canopy has been installed in education facilities, as well as private and community sports clubs for a range of sporting applications.

- » Basketball/Netball Courts
- » Swimming Pools
- » Tennis Courts
- » Futsal fields (synthetic surface)
- » Hockey pitches (synthetic surface)



ADDITIONAL ELEMENTS

Customise your MakMax TensoSport Canopy with further integrations including;

- » LED Lighting
- » Side-nets
- » Netball hoops, basketball backboards
- » Scoreboards
- » PA systems
- » Player-safety padding around columns



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REFERENCE PROJECT

ST JOHN'S CATHOLIC PARISH SCHOOL COLA

LOCATION

Dapto, NSW

COMPLETED DATE

September 2020

SIZE

570m²



For more information visit www.makmax.com.au/shade-solutions-for-education

Design. Engineer. Fabricate. Install.

MakMax Australia

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