



CASE STUDY

Carey Baptist Grammar School

A complex campus brief called for more than court cover. Greenline delivered a curved tensile membrane structure that balances sport, outdoor learning, daylight, durability and architectural fit.



Client	Carey Baptist Grammar School
Location	Kew, VIC
Structure	PVC Barrel Vault Structure
Area Covered	Multipurpose Sports
Size	2,350 sqm
Finishes	Powdercoated Basalt Satin
Materials	White Sky W9400+



Brief

Carey Baptist Grammar School identified a need for additional covered outdoor space at its Kew campus to support a growing program of learning, sport and extracurricular use. The existing multipurpose courts were an important part of daily campus life, but exposure to sun and weather limited how consistently the space could be used.

The school needed a full-span cover that would protect the courts without creating a heavy or visually intrusive addition to the campus. Natural light, glare reduction, durability and minimal maintenance were all important considerations, with the structure required to sit comfortably beside existing buildings.

The project also carried practical constraints. Greenline needed to manage planning and building approvals, protect the existing court surface, coordinate access and traffic management, and deliver the works within a tight school holiday window to avoid disruption during term.

Solution

Greenline worked with Carey Baptist Grammar School to develop a PVC barrel vault structure that balanced performance, durability and architectural fit. The curved white membrane softens sunlight and brings daylight into the courts, while the slim Basalt powdercoated steelwork provides a clean, contemporary frame.

The tensile membrane solution was selected for its long-term durability, low maintenance requirements and lightweight visual impact. Its neutral tones and curved form were designed to complement the surrounding campus architecture rather than compete with it.

Greenline managed the full process from design, approvals and procurement through to construction and installation. The works included surface protection, site access planning, traffic management and specialised sports lighting designed to comply with AS2560.2 Australian Standards for netball and basketball.

Outcome

The completed structure gives Carey Baptist Grammar School a more flexible outdoor environment for learning, sport and recreation. Students can use the courts in more conditions, with improved comfort, reduced glare and protection from the elements.

The covered space now supports a broader range of school activities, from everyday play and physical education to training and competition use. The integrated lighting further extends the versatility of the courts, helping the school get more value from the space across the year.

Delivered during the Christmas holiday program, the project avoided term-time disruption while providing a long-term infrastructure investment for the campus.





Construction was carefully planned around the Christmas holiday window, allowing Greenline to complete the works without interrupting daily campus activity. For a busy school environment, timing was as important as the structure itself.

WATCH VIDEO



“Greenline are an excellent company to deal with. They kept us informed of progress along the way and delivered exactly what we required.”

MICHELLE KAFER
CHIEF FINANCIAL OFFICER
CAREY BAPTIST GRAMMAR SCHOOL



Design benefits

- Full-span cover protects multipurpose courts for more consistent year-round use.
- Translucent white PVC membrane provides daylight while reducing harsh glare.
- Curved barrel vault form complements the surrounding campus architecture.
- AS2560.2-compliant lighting supports netball and basketball competition use.



Next steps

Have a project in mind?
[Click here](#) to book an appointment and start a conversation with the Greenline team.