

Case Study

Waverley College (Waverley, NSW)

Brief

Waverley College had a unique situation where they wanted a shade structure to cover a competition size Basketball Court that was located on the roof of their gymnasium. It was very important to the College that they could maximise every available playing space for the students so that the College could make the most out of the space without any of the area going to waste.

Outcome

Waverley College opted for one of Greenline's popular structures being the PVC Membrane Barrel Vault. One of the benefits of this structure is that it allows 9% light transmission into the area allowing for the feel of outdoor ambience while still providing full weatherproof protection. Students can play in any weather, in any conditions, in any season.

This structure was able to double the floorspace for the PD/H/PE Department while still allowing for outdoor lessons and play regardless of the weather. The Greenline team's experience helped work through some unique challenges with the construction of this project. Being that it was on a busy main road, limited space available between buildings in regard to access and that it was to be built on the roof of their gymnasium all made this more interesting to build than a conventional site!

Introducing structural smarts to reduce the load onto the rooftop slab helped reduce the overall cost of construction for the client, and the project was completed on-time, on-budget.

Location:

Waverley, NSW

Client:

Waverley College

Structure:

Rooftop PVC Barrel Vault

Area Covered:

Basketball/Multi Use Court

Steel Finish:

Powder Coated, White

Fabric Cover :

PVC Fabric, White



