

Auburn Primary School

Barrel Arch Structure



Auburn Primary School were looking for waterproof cover over a paved area adjacent to their art room to allow students to undertake some of their art activities outside whilst still being under cover.

A four posted barrel arch structure was the most suitable design option for the area. The key design challenge was that the school wanted a waterproof transition between the building and the structure itself, so the structure was manufactured with an outrigger at the midpoint of each arch to extend the fabric over the roof structure of the building hence covering the gap between the structure and the building and also disperses water run-off in this area onto the roof of the building.



Client:
Auburn Primary School

Location:
Auburn

Date of Completion:
January 2010

Product Type:
Barrel Arch Structure

Fabric Type:
Haku Mehler FR700 PVC

Steel Finish:
Three layer luxathane paint finish

Scope of Works:
Design
Engineering
Manufacture
Project Management
Installation

Area of Coverage:
100m²

Function:
Waterproof student area
outside art room