

Cranbourne Sports Centre

Fabric Partition Wall



The City of Casey owns and manages this large complex in Cranbourne which is leased out to various tenants. The bowling alley and the indoor beach volleyball tenancies were separated by a 4.5 metre high wall only. The tenpin bowling alley operator was having difficulties with the dust from the volleyball facility blowing over into his ball returning machinery which was causing operational issues.

The City of Casey had been seeking solutions for a couple of years but was encountering budgetary limitations to extend the existing wall to the height of the roof which is approximately 10 metres high. Shade Living were approached to see if a fabric wall was a viable solution to the issue which in the end it turned out to be. The engineering and installation of the fabric wall was a complex undertaking as the existing roof structure was not structurally sufficient to deal with the loads imparted by the fabric wall and hence tri trusses needed to be installed between the main upper steel beams. Given the height of the roof and the obstructions present the installation of the truss beams required a high level of expertise.



Client:
City of Casey

Location:
Cranbourne

Date of Completion:
March, 2012

Product Type:
Custom – fabric wall

Fabric Type:
Polymax 407FR woven polyethylene

Steel Finish:
Painted

Scope of Works:
Design
Engineering
Manufacture
Project Management
Installation

Area of Coverage:
250 square metres (approx)

Function:
Dust screen between tenpin bowling facility and indoor beach volleyball complexes