

Client:

Mirage Resorts Holdings Pty Ltd

Design & Construction By:

Tension Span Structures Pty Ltd

Project Status:

Completed

Project Size:

1,420 sq.m (15,279 sq.ft)

Tension Span® Pavilion enhances 5 Star Resort

Tension Span Structures Pty Ltd was engaged by Mirage Resorts Holdings Pty Ltd to design, manufacture and install a tension membrane Pavilion at it's Port Douglas Resort.

The Pavilion is designed to house Conventions, Trade Shows and various resort functions. Just one hour's drive north of Cairns, on the famed 4 mile beach, Mirage Port Douglas is the premier 5 star resort in North Queensland and has hosted the rich and famous from around the world.

The Pavilion overlooks the golf course, renowned for the "Skins" Tournaments, and blends smoothly into the lush tropical landscape.



The striking arched tension membrane structure is 20m span x 40m long x 7.5m high with a surface area of some 1,420sq.m.

The design incorporates 12 vertical perimeter arches 10m wide and 3m high which are fitted with white and clear sidewalls.

To provide flexible access for various functions, the sidewalls can be rolled-up or removed completely.

The translucent roof membrane of Seaman BW Tedlar®PVF on PVC coated Polyester bathes the interior in a soft natural light. ■



1. North View from Golf Course.
2. Exterior View of Clear Sidewalls.
3. AutoCAD 2000 Proposal Drawing.
4. View of Completed Structure.

TENSION SPAN STRUCTURES PTY LTD

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