

Client:
TSS-NA Inc

Design & Construction By:
Tension Span Structures Pty Ltd

Project Location:
Miami, Florida, USA

Project Size:
2,065 sq.ft (192 sq.m)

Tension Span Covers Miami

Tension Span has designed and engineered this spectacular structure in Miami, Florida.

Located on the beach with elevated views of the Atlantic Ocean, this structure is a focal point of attraction for this luxury resort.

Constructed of eight identical twisted Hypar shaped tension membranes, it is designed to withstand 140 mph (230 kph) hurricane force winds.

An attractive style with a difference, made to enhance the bar area of the

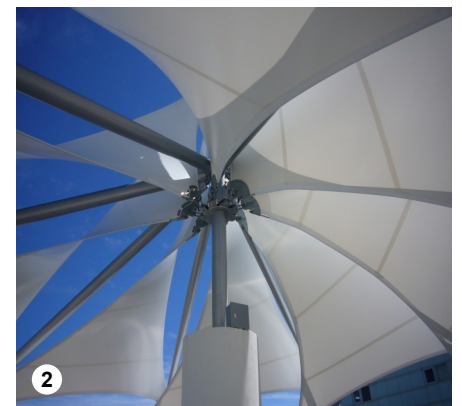


long lasting, being manufactured to Tension Span's highest standards.

The fluoropolymer membrane fabric reflects heat and blocks UV radiation. All of the hardware is galvanized or stainless steel.

The heavy loads from hurricane winds needed robust tensioner fittings with tested components and careful designs.

Representative Tension Span North America provided the liaison and contract services.



1. Views to Atlantic
2-3. Detail of structure
4. Structure and bar area