Buran Space Shuttle Enclosure, Sydney Australia

Client:
Buran Space Corporation

Design & Construction By:
Tension Span Structures Pty Ltd

Project Size:
3,350 sq.m (36,040 sq.ft)


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Space Shuttle Lands in Darling Harbour

A real Space Shuttle in Sydney's Darling Harbour!! This unique attraction was brought to Sydney from Russia by a group headed by Dr Paul Scully-Power, Australia's first NASA Astronaut.

Tension Span® Structures Pty Ltd was engaged by Buran Space Corporation to design, manufacture and install the tension membrane enclosure housing the BURAN (meaning *Snow-Storm*) Space Shuttle, mission control centre, 3D Theatre and other displays.

The huge arched tension membrane structure is 28m span x 58m long x 18m high with a surface area of some 3,350sq.m.

The tension membrane soars over the 17m high tail of the Buran Space Shuttle. The translucent membrane of Seaman BW Tedlar® on PVF/PVC Polyester floods the interior in a soft natural light. Sidewalls of "Soviet Red" PVC Polyester complete the structure.

Located adjacent to the Star City Casino, Sydney Media Centre and Darling Harbour with spectacular City and Harbour Bridge views, the Buran Space Shuttle Exhibition cannot be missed in the Olympic City. ■


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1. Interior of Shuttle Enclosure
2. Exterior of Shuttle Enclosure
3. AutoCAD 2000 Rendered Drawing
4. Finished project

TENSION SPAN STRUCTURES PTY LTD • 2-36 Kingtel Place, Geebung Brisbane, QLD Australia 4034 •
Ph: (07) 3854 1900 • Fax: (07) 3252 1252 • Email: vts@vesl-tensionspan.com • Website: www.tensionspan.com