



# SUPA DOME 36 m

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Designed and engineered in South Africa, the SP Dome is the current flagship of In2Structures' Dome Venues. This venue offers an external width of 36 m and rigging height of 15.5 m internally. The venue can be extended by adding 6 m bays.

This increased size does not compromise the loading capacity in any way - the SP Dome can accommodate 3-ton UDL per arch at specified wind loading. Additional load arches can be added at 3 m intervals allowing a further 5-ton UDL on the load arch.

In2Structures has invested in heavy-duty Tri Keder 6082 extrusion to suit the wide spans and girder arrangements of the SP Dome. The extrusions are raised above the steel structure to allow for easy rigging.

The outer membranes are produced by Ferrari (France) in white PVDF external and black internal. The Ferrari 782 membranes are fire retardant to M2 specification and have a 7 year warranty with an expected life of 20 years in permanent situations.

By courtesy of T



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# SPECIFICATIONS

bias Ginsberg

Load capacity per arch	3000 Kg UDL
Max Wind speed	120 Km/h
Height at apex	12,7 m to bottom of truss
Internal width	32,6 m
External width	35,8 m
Dome end diameter	35,8 m
Bay spacing	6 m (to required length)
Ferrari 782 weight	850 g/m <sup>2</sup>
Ferrari 782 fire retardancy	M2 specification



