

QPAC moves outside with Prolyte Arc Roof



The Queensland Performing Arts Centre (QPAC) has added a new external performance venue in the form of a Prolyte Arc Roof supplied by Specialised Stage Engineering. Situated in the courtyard area outside the Lyrebird Restaurant, the 10m x 8m truss roof system gives QPAC the ability to stage outdoor performances with minimal set up. The Prolyte Arc Roof provides protection from the elements for the equipment and performers on stage.

The Arc Roof system from Prolyte is a simple truss design which can be built by a small crew in only a few hours. The roof consists of 4 arched main truss spans with four upright towers that are built in sections.

Prolyte truss is renowned worldwide for its exceptional load ratings and this roof is no exception. The main arches are capable of 40kg/m distributed loads and 200kg point loads while the front cantilever arch is rated for 20kg/m distributed loads, 200kg point loads and 300kg loads at the front corners for PA hangs.

The Prolyte Arc Roof system is unique as an aluminium truss outdoor structure that has been engineered as a complete system designed to handle wind speeds of up to 28m/s (100km/h) and comes with a full structural report with load diagrams and required ballast specifications to ensure that the system meets all required safety regulations.

QPAC Head of Staging, Tony Maher said, "The Prolyte system ticked all the boxes for QPAC's requirements. It came with full engineering documentation, is easy to assemble and remove, it has load carrying capacity on the trusses and aesthetically looked right in the courtyard."

For information on the Prolyte range of truss and roof systems contact:

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