

ST GEORGE HOSPITAL, LINK BRIDGE FIRE RATING

Kogarah, NSW

SECTOR:

Infrastructure (Healthcare)

PROJECT COMPLETION:

April 2025

ADDRESS:

Kogarah, NSW

CLIENT:

BESIXWatpac

VALUE:

\$169,000

PROJECT OVERVIEW:

As part of the Stage 3 redevelopment of St George Hospital, a purpose-built link bridge was constructed to connect levels three and four, enhancing pedestrian access within the new Ambulatory Care Precinct.

SERVICES OFFERED:

BESIXWatpac engaged Bowers to deliver a comprehensive passive fire protection system for the structural steel of the new link bridge. This involved the application of high-performance fire-rated boards prior to installation, followed by Vermiculite fire spray post-installation. Measuring 12 metres long and 1.5 metres wide, the bridge required a carefully engineered, multi-layered fire protection system to achieve the specified fire-resistance rating and ensure full compliance.

PROJECT CHALLENGES:

Large-scale healthcare projects require strict compliance with safety standards and tight construction schedules. The bridge's complex steel structure - including vertical and overhead elements - presented logistical challenges, particularly in accessing elevated areas. Achieving a consistent, high-quality finish involved meticulous planning and precise execution.

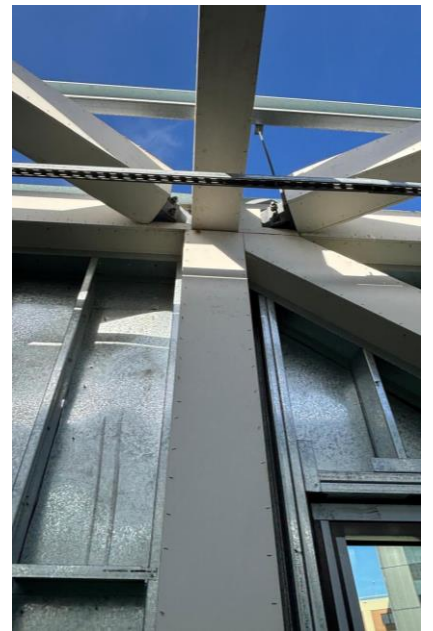
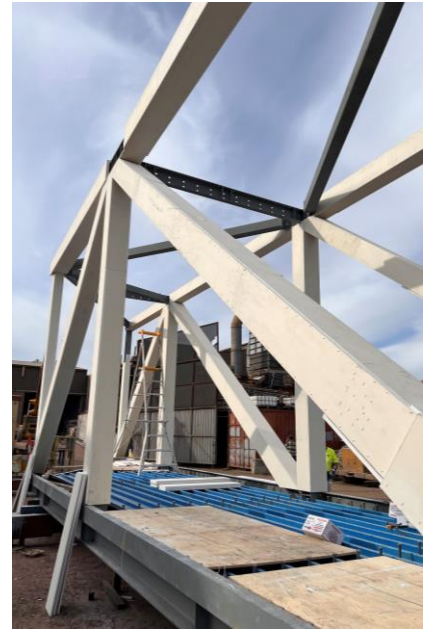
SOLUTIONS OFFERED:

Bowers deployed dual specialist teams with expertise in both fire-rated board installation and Vermiculite fire spray application. Carefully selected height-access systems enabled secure and streamlined operations at all working levels. Ongoing coordination with stakeholders and clear communication throughout the project ensured that all performance, aesthetic, and schedule requirements were met without compromise.

OVERALL OUTCOME:

Bowers successfully delivered a bespoke, high-performance fire protection system that fully met fire safety compliance standards. The project was completed on time, within budget, and to a consistently high-quality finish.





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