

FIRE WALLS

WestConnex M8 Tunnel

SECTOR:

Infrastructure

PROJECT COMPLETION:

March 2020

ADDRESS:

Arncliffe

CLIENT:

CPB Dragados Samsung Joint Venture (CDSJV)

VALUE:

\$358,000

PROJECT OVERVIEW:

Steel framed fire walls were installed in the WestConnex M8 ventilation connection. Bowers was required to install the fire rated board system to 600m² of frames.

SERVICES OFFERED:

Bowers assisted in conceptualising the design and liaising with the product supplier, Promat, on behalf of the client to ensure a compliant solution was provided. Bowers supplied the supervision, labour, fixings and access equipment required to install the fire rated board system.

PROJECT CHALLENGES:

The fire walls required a 4 hour fire resistance level (-/240/240 FRL) which meant a very specialised wall system was required. The wall systems were located at the crown of the road tunnels and were over 10m above the roadway so safe access was critical for the installers.

SOLUTIONS OFFERED:

Good work practices were essential. Innovative materials handling procedures were required to ensure the job could be done in a safe and timely fashion.

OVERALL OUTCOME:

Five walls were clad with 2 layers of Promatect® 100 board to each side within the 3 week program. The client was extremely happy with Bowers' ability to meet the timeline and the performance requirements of the walls.





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