



Client

Walsh Bay Finance Corrosion Control Engineering Pty Ltd

Location

Sydney, Australia

Scope

Installation of impressed current cathodic protection system (ICCP) to 4 storey harbour-side underground carpark structure including:

- Ribbon system to car park ceilings
- Discrete anodes to beams and columns
- Titanium mesh to walls

Concrete remedial works and waterproofing including:

- Polyurethane resin injection to bedrock
- Liquid membrane application to drainage system
- Polyurethane resin injection to cracks, and repair of spalled concrete

TOWNS PLACE PROJECT



Project Details

Eptec was engaged to install and test a fully concealed impressed current cathodic protection system in the Towns Place Apartments car park.

The system comprised over 6 kilometres of conductor ribbon to car park ceilings, in excess of 500 titanium discrete anodes to columns and 230m² of titanium mesh to the car park walls.

Additionally, the 8 month project required Eptec to undertake waterproofing and concrete remedial work including:

- Injection of polyurethane resin to bedrock under high water table conditions
- The application of liquid latex membrane to all wall perimeter spoon drains
- Extensive spalled concrete and crack repairs to slabs, beams and columns

Eptec's workforce maintained a defect-free material, quality and safety record under difficult working conditions and a substantially increased work scope. Eptec successfully completed the project within budget and within the client's time frame, a testament to the company's expertise and professionalism.

Contact Details

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