



When Risk Matters!

CAPABILITY STATEMENT

Chemical & Cementitious Injection Grouting

Introduction

Eptec is a specialist industrial contractor in Asset Preservation and Rehabilitation. Our expertise is engineered solutions using resin technology to provide concrete rehabilitation, corrosion protection, glass reinforced plastics, waterproofing & linings and thermal insulation.

With offices across Australia, Eptec is positioned to deliver projects in all States and Territories. With a core workforce of over 250 people, Eptec can rapidly mobilise and deploy resources to anywhere in Australia.

The workforce comprises qualified managers and engineers supported by experienced supervisors and permanent employees. One of Eptec's strengths is the use of our own permanent workforce rather than reliance on subcontractors. With skills developed over many years, Eptec guarantees highly responsive, flexible and committed teams ready to undertake projects in even the most remote areas.

Typically Eptec's solutions use the latest resins technology for coatings, cement grouts, epoxy grouts, waterproof membranes, high tech reinforcement such as carbon-fibre and many other innovative and specialised products. Eptec does not manufacture products and can call on the expertise and knowledge bank of all the major worldwide suppliers to assist in providing engineered solutions. We will often participate with manufacturers in the development and application of new products, always with a vision for improving industry techniques and safety and environmental awareness.

Our specialised services are applicable across a broad spectrum of industries including Defence, Water & Wastewater, Infrastructure and Energy & Resources.



Corrosion Protection



Concrete Rehabilitation



Linings & Waterproofing



Fibre Reinforced Plastics



Thermal Insulation

Chemical Grouting

Water Control & Structural Repairs

Eptec has undertaken a wide range of chemical grouting by pressure injection methods for many applications. A large proportion of our experience has been in tunnels which require the best in expertise and performance.

We offer:

- High pressure injection grouting with several types of polyurethanes and acrylates for waterproofing in various tunnel structures including running tunnels, cross passages, adits, portals, terminations
- Waterstopping of high pressure, high volume water flows
- High pressure injection grouting with low viscosity epoxies for structural strengthening and repairs
- Established processes and procedures for quality and safety applicable to the tunnelling industry

Key Projects:

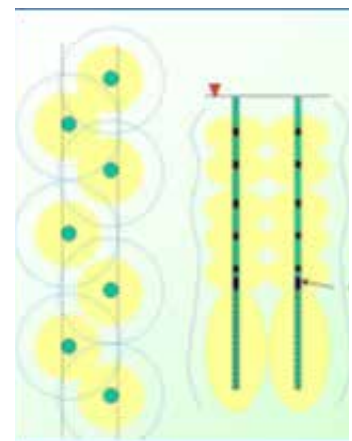
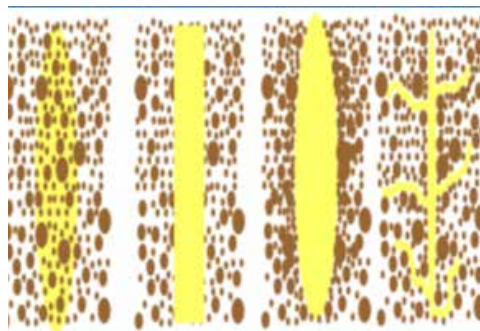
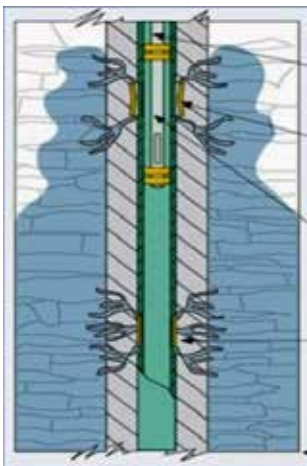
- Domain and Burnley Tunnel, Melbourne City Link - PU and acrylate injection running tunnels
- Epping to Chatswood Rail Link – PU Injection running tunnels, cross passages, adits
- North South Bypass Tunnel (Clem 7) Tunnel – PU Injection to segment connections, epoxy injection to smoke ducts
- Cross City Tunnel - Maintenance works PU injection
- Sydney Harbour Tunnel – Driven tunnels PU Injection
- Walsh Bay Development
- M5 Cooks River Tunnel – Roadway slabs and diaphragm walls
- Sydney and Adelaide and Desalination Plants
- North Head STP



Ground & Embankment Stabilisation

In conjunction with Eptec’s significant experience in chemical injection grouting utilising polyurethane grouts, Eptec is now able to offer effective ground stabilisation methods to rectify settlement and stability problems and also seal any tailings dam embankments.

Eptec’s experience includes chemical injection into engineered fills and sands to effectively bind, waterproof and strengthen the soil mass.



Cementitious Grouting

Eptec is able to undertake a range of grouting using cement based grouts for various applications.

We offer:

- High pressure injection grouting with ultra-fine and micro-cements for waterproofing and sealing applications
- Low pressure injection grouting for void filling, stabilisation, waterstopping
- Foundation, machine and precision grouting
- Established processes and procedures for quality and safety

Key Projects:

- Sydney Harbour Tunnel - Ultra fine cement injection to IMT Units
- Epping to Chatswood Rail Link – Rail slab grouting
- North South Bypass Tunnel (Clem 7) Tunnel – Shotcrete void filling, bridge slab stabilisation grouting, pipe grouting
- Cross City Tunnel - Maintenance works
- M7 Bridges remediation works
- Tallawarra Power Station



Contact Details

Head Office

A: 463-467 Harris St,
Ultimo, NSW 2007
T: (02) 9034 6969
F: (02) 9034 6970
E: eptec@eptec.com.au

Eptec Workshop Facility

A: 40-41 Pavesi St,
Guildford, NSW 2161
T: (02) 9681 6499
F: (02) 9681 7659
E: eptec@eptec.com.au

Eptec Western Australia

A: 51 Dooley St,
Navel Base, WA 6165
T: (08) 9410 2010
F: (08) 9410 2021
E: eptecwa@eptec.com.au