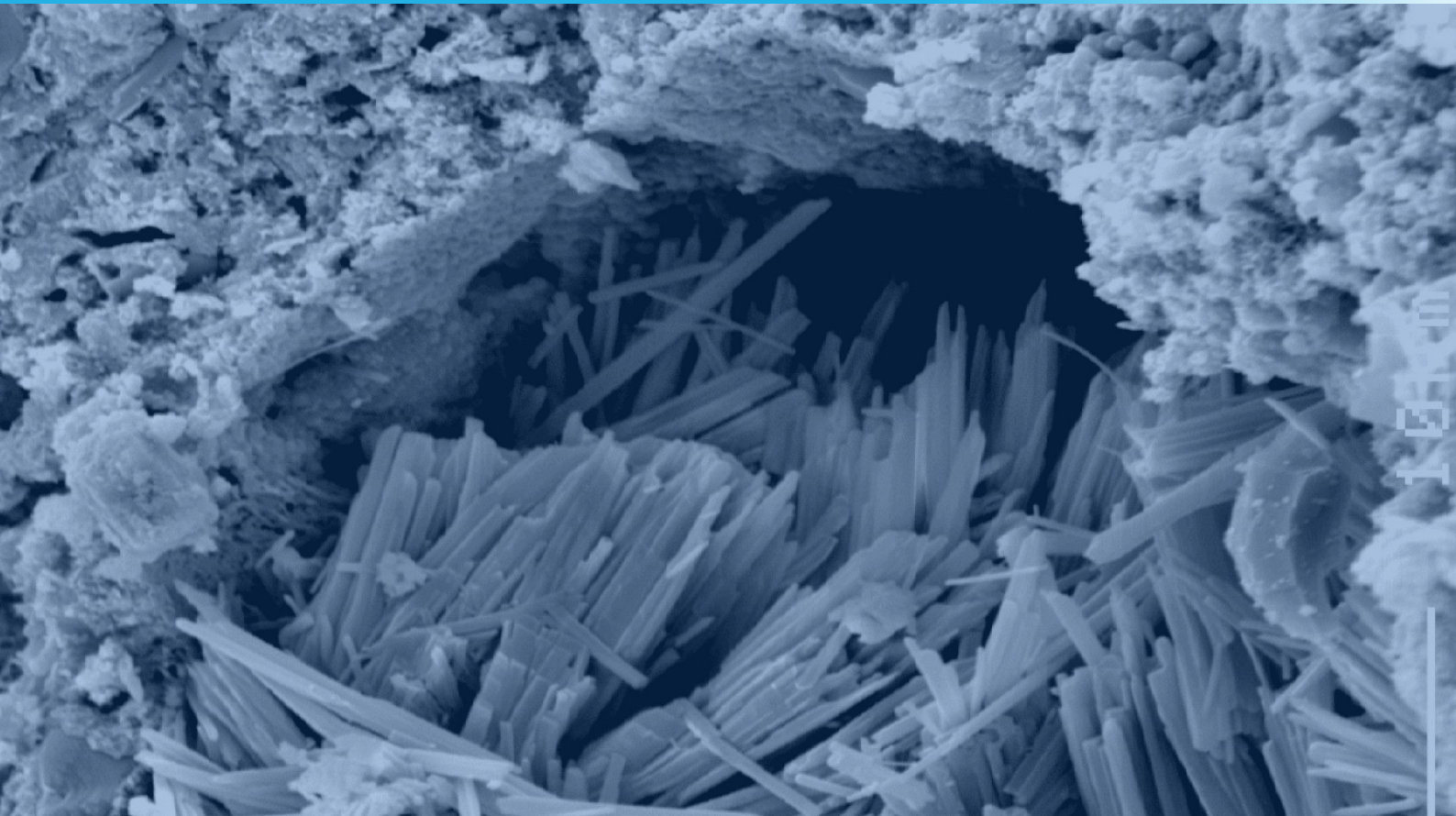




Sustainability In Concrete Structures

Technical Support Services





Sustainability In Concrete Structures

TECHNICAL SUPPORT SERVICES

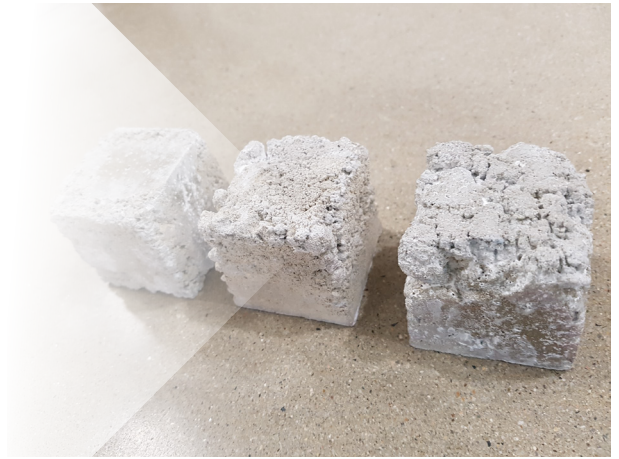
Our proactive Technical Support Services provides our Clientele with the comfortability of professional solutions to meet their needs, from Performance Based Specifications, Durability Assessments of Concrete Structures through to comprehensive Technical Test Reports.

Our solutions are customised to site specific environments and requirements, whilst standard building practices are governed by short term economic considerations, Xypex Australia's mission with Sustainable Construction is based on increasing standard practices that will emphasize long term benefits, efficiencies and proven cost benefits, which will reduce environmental impacts with the aim to increase economic sustainability on Commercial and Civil Infrastructure.

ADDED BENEFITS

Through our continued commitment in Research and Development our highly skilled Technical team provide the following services:

- Technical Inspections at all levels
- Comprehensive Technical Reports
- Provide detailed solutions to Repair and Rehabilitate Commercial and Civil Infrastructure
- Durability Assessments of Concrete Structures
- Performance Based Specifications
- Return to Service Planning



MEET OUR SENIOR TECHNICAL DIRECTOR



Farhad Nabavi | PhD, MTech, BEng (Civil), FIEAust

Farhad is a Concrete Specialist with a Ph.D. qualification in Durability Design and Service Life Modelling of Concrete Structures and a Fellow Professional Engineer [FIEAust] recognised by Engineers Australia. Currently, he is the Senior Technical Director of Xypex Australia with the following professional knowledge and solid experience:

- Durability Design and Service Life Modelling (Mathematical and Computer) of Concrete Structures
- Solid Knowledge of Recent Advances in Concrete Technology
- Chloride Diffusion and Carbonation Front Mathematical and Computer Modelling
- Corrosion of Steel Reinforcement in Concrete Mathematical and Computer Modelling
- Reinforcing Steel Corrosion Monitoring, Assessment, and protection Methods
- Expertise in NDT Methods for Assessment of Concrete Structures
- Proficiency in Concrete Mix Design including Self-Compacting Concrete, High Strength Concrete, and High Performance Concrete
- High-level knowledge of Concrete Structures Repair Methods and Standards
- Solid Practical Expertise in Repair and Rehabilitation of Concrete Structures

Farhad has published more than 16 Journals and International Conference Papers related to Concrete Durability and Service Life Design and Modelling, as well as proposing a new developed mathematical model to estimate chloride diffusion coefficient.

Farhad has worked in the Construction Industry for more than 8 years, starting his career as a Site Manager and moving from there into taking on the task as a Project Manager. He has obtained solid experience in design and construction of Roads and related structures such as Culverts, Bridges (Including In-Situ and Precast Piling and Girders), Retaining Walls, Tunnel Shotcreting and Lining, and Slope Stabilising.