

CASE HISTORY

DECEMBER 2002



SOLUTIONS FOR EXTREME ENVIRONMENTS

POLYMER GROUP LTD

ENDURACOAT
TANKGUARD WW

TONGARIRO POWER SCHEME / GENESIS ENERGY / POUTU INTAKE STRUCTURE

- PROJECT:** Provide a wear-resistant lining to badly eroded intake chamber in bed of Tongariro River.
- Owner:** Genesis Power Ltd
- Facility:** Poutu Intake Structure, Tongariro River, Tongariro National Park.
- Consultant:** Meritec
- Client Engineer:** Ian Meredith
- Substrate:** Severely eroded concrete
- Project Specification:** Polymer Group Ltd, Enduracoat Tankguard WW
- Contract Applicator:** Polymer Group Ltd, Contracting Division.
- Project Brief:** Abrasive blast to clean profile. Prepare surface with Endur agROUT to datum. Apply up to 10mm Enduracoat Tankguard WW as necessary to achieve specified finish. Cure 24 hours.



**REPAIR AND
PROTECTION
OF CHEMICALLY
ERODED
CONCRETE**





SOLUTIONS FOR EXTREME ENVIRONMENTS

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Polymer Group Ltd is an applied technology company comprising a team of industrial chemists, engineers and qualified coatings inspectors which has served New Zealand industry for over 25 years.

Property Asset Protection is the company's major focus, providing proven, durable solutions for the **protection of structural steel, concrete and timber** structures.

Wear resistant, Anti-corrosive Protection Systems are engineered to provide optimum performance and extended maintenance intervals.

Surface coating Technology Advances offer multiple choices to the asset manager and civil engineer who is seeking long term solutions and minimum downtime, but not always able to provide an optimum application time frame.

Maintenance Assessments and specification Options give the client the opportunity to inspect and discuss the asset with experienced personnel, taking into consideration the exposure environment, past performance of any existing protection systems, available downtime and other constraining influences.

Sole Responsibility Material Supply and Application Contracts provide the client with further reassurance that their protection/maintenance systems are supplied and installed by a Quality Assured, company.

Solutions for your Extreme Environment



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- Rhino Linings® Polyurethane Coatings
- Enduracoat® Linings for sewage & wastewater
- Stirling Lloyd® Bridge Deck Waterproofing Systems