

CASE HISTORY

SEPTEMBER 2003



SOLUTIONS FOR EXTREME ENVIRONMENTS

POLYMER GROUP LTD

ENDURACOAT  
TANKGUARD WW

# WAIKATO RIVER POTABLE WATER TUAKAU TREATMENT FACILITY

- PROJECT:** Provide a lining to 8x rectangular concrete water treatment vessels suffering premature acid corrosion from cleaning process.
- Client:** Waikato Water Joint Venture—Auckland NZ
- Consultant:** Beca Carter
- Contractor:** Polymer Group Ltd
- Substrate:** Concrete
- Area:** 1,000 m<sup>2</sup>
- Specification:** Abrasive blast entire surface to specified profile.  
Apply, in one application, 2-3 mm of Enduracoat Tankguard WW Elastomeric polyurethane chemically resistant lining.  
Cure 24 hours.



**LINING TO CONCRETE WATER TREATMENT VESSELS**





SOLUTIONS FOR EXTREME ENVIRONMENTS

### POLYMER GROUP LTD

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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.

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