

CASE HISTORY

OCTOBER 2007



SOLUTIONS FOR EXTREME ENVIRONMENTS

POLYMER GROUP LTD

VULKEM 350R AND
POLYUREA

FONTERRA WAITOA— WAIKATO POWDER “D” ROOF

PROJECT: Vulkem Crack Repairs—Polyurea 2.0mm Membrane

Project Specification: Tremco Vulkem 350R, Polyurea at 2 litres/m² (nominal 2.0mm thickness) over the entire roof area

Contract Applicator: Polymer Group Ltd, Contracting Division.

Project Specification: Strip the old membrane. Rout out all cracks. Apply the membrane sealant into the cracks. Stripe coat all the cracks with Vulkem 350R and inlay a reinforced bandage. Apply 2.00mm elastomeric liquid applied polyurethane membrane. Finish coat with 2.0 Kg/m² sprayed polyurea.



REPAIR AND
PROTECTION
OF
MEMBRANE
ROOF



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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- Car Park Deck Waterproofing Membranes
- Endurathane Spray Applied Polyurea Membranes for secondary containment and tank linings.

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