



University of Queensland Rain Water Tank



UQ Rain Water Tank



WORKS COMPLETED:

January 2013

CLIENT:

University of Queensland

LOCATION:

St Lucia, Queensland

PRODUCT COVERAGE:

100sqm @ 2mm

TYPE OF CONTRACT:

Material supply & application

CONTACT:

Christopher Contracting

CONTRACTOR:

Watpac

PRODUCT USED:

VersEseal Quickset & Rapid Build

The University of Queensland's main campus at St Lucia is set on a 114-hectare site bounded on all sides by the Brisbane River, seven kilometres from the Brisbane CBD.

With approximately 40,000 students and 7,000 staff the University is one of Australia's finest and most prestigious universities.

Christopher Contracting Pty Ltd were engaged by Watpac to apply specified LRM Products' VersEseal coating to a rain water tank on level 7 in UQ's St Lucia campus totalling 100sqm in surface area. The concrete floor and walls of the tank consisted of many penetrations, z-bolts hole and construction joints.

Christopher Contracting engaged LRM Products contractors to undertake all supply and application work for the coating of the tank. This involved using LRM Products' VersEseal Quickset and Rapid Build products to waterproof the tank against leaks. VersEseal Rapid Build was used in conjunction with geotextile fabric to repair and seal the tank's construction joints as well as floor to wall joints. VersEseal Quickset was then progressively applied, using an airless spray pump, to coat parts of the concrete floor and all the tank walls to provide a final waterproof seal.

The final product provided the client with a completely waterproof, durable and highly flexible membrane that is far superior in comparison to competing products due to its excellent adhesion and elastomeric properties for the concrete floor and walls.

LRM Products' VersEseal Quickset and Rapid Build offered Christopher Contracting and UQ the following distinct advantages over competing products:

- Excellent adhesion to dated concrete surfaces
- Excellent resistance to temperature variations
- Excellent sealing properties (leak proof)
- Efficient and short application time (per m²) and short curing time
- Reduction in tank downtime (during and post application)
- Environmentally friendly, non toxic with no VOC's
- Certified to AS/NZS 4020:2005 for Potable Water
- Excellent elongation and recovery properties (over 850%)



AS/NZS 4020:2005 | SS210 Certified



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Page 2 of 2