



## Bundamba Anti-Graffiti Wall



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### WORKS COMPLETED:

April 2012

### CLIENT:

SEQ Water

### LOCATION:

Bundamba, Queensland

### PRODUCT COVERAGE:

220sqm @ 2mm

### TYPE OF CONTRACT:

Material supply and install

### CONTRACTOR:

LRM Products

### PRODUCT USED:

VersEseal Quickset & Rapid Build

Queensland Government's newly formed SEQ Water, formerly Allconnex Water and other similar bodies, has become the single statutory authority responsible for ensuring a safe, secure and reliable water supply for South East Queensland. SEQ Water is the Queensland bulk water transport authority responsible for 535km of potable bulk water pipelines, 30 reservoirs/balance tanks, 27 pump stations and 9 water quality facilities.

Alder Construction Pty Ltd was engaged by SEQ Water to apply a specified LRM Products' coating to a retaining wall that required an anti-graffiti coating in Bundamba, Queensland totalling 220sqm in surface area. Both sides of the besser-block walls of the retaining structure consisted of 6 construction joints that required waterproofing to ensure that the water treatment plant inside the walls is protected from flood waters like Brisbane experienced in 2011.

Alder Construction Pty Ltd engaged LRM Products to supply and install a UV stable, anti-graffiti membrane coating to the treatment plant retaining wall. This involved using LRM Products' VersEseal Quickset and Rapid Build specification products to weatherproof the retaining wall. VersEseal Rapid Build was used in conjunction with geotextile fabric to repair and seal the wall joints. VersEseal Quickset was then progressively applied using an airless spray pump to coat parts of the walls to provide a final seal.

The final product provided the client with a completely waterproof, durable and highly flexible membrane strong enough to eradicate the potential of any future leakage and was far superior in comparison to competing products due to its excellent adhesion and elastomeric properties for the concrete floors and walls.

VersEseal Quickset and Rapid Build offered the following distinct advantages over competing products:

- Durable membrane that will endure future flooding
- Excellent adhesion to dated concrete surfaces
- Excellent resistance to temperature variations
- Efficient and short application time (per m<sup>2</sup>) and short curing time
- Environmentally friendly, non toxic with no VOC's
- Excellent elongation and recovery properties (over 850%)



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