

Case History NCP 270

Industry Sector

Civil Construction - Dam
– Corrosion Resistance



PROJECT NAME:
Taylor Dam - Marlborough

PROJECT REQUIREMENT:

Taylor Dam is part of a system that protects the Blenheim Township from flooding during high rainfall in the surrounding Mountain Ranges

The steel and concrete tunnel entrance to the dam was being eroded by the elements and continual water flow and required a system that could provide long term durability and a very fast return to service as the entire project was at the mercy of climatic changes in weather.

Whilst the project was being undertaken the water had to be diverted by running a pipe through the tunnel to maintain the water at a specific level, thus enabling the application to continue.

The system proposed by Nuplex met all the requirements to complete the task at hand.

NUPLEX Solution

Situclad VE GF is a GRP cladding system applied in situ to provide a jointless, impact, chemical resistant, and highly abrasion resistant surface.

Situclad VE GF has been specifically designed to provide excellent all round chemical resistance at both ends of the pH scale i.e. concentrated acids and alkali compounds.

The **fine internal glass flakes** self reinforce the film and provide a tough, **chemical** and **heat resistant** coating. The flakes provide strong permeability, stain resistance and hygienic surface.

The system has a short application period which enables a very fast return to service.

Products: Situclad VE Glass Flake

Size: 60m²

Contractor: Construction Coatings Ltd

Specifier: Marlborough District Council

Project Manager: Simcox Construction Ltd

Completed: May 2014

For further information on our range of solutions

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