Project Case Study

Project

Poly-Tech Sewer & Manhole Solutions

South of Gap Pump Station

Project Summary

Substrate

Concrete

Surface Preparation

High Pressure Water Blast

System

High Build Epoxy

Project Description

Protecting concrete in man holes and pump stations is critical to ensure an effective sewerage system. The nature of these underground environments subjects concrete structures to severe corrosion which, if not addressed can ultimately lead to a complete system failure.

Man hole risers, wet wells distribution chambers and inspection chambers are common assets where corrosion occurs in pumping stations. Microbes contained within these concrete sewerage/inspection chambers require special coatings. You need to select the correct products which will mitigate these biologically induced corrosion issues.

As with all effective coatings the preparation of the substrate is critical to the success of ensuring adhesion. This pump station project involved a high pressure water blast to gain the required profile followed by application of a high build epoxy coating at 3mm. Spark testing was then conducted by our internal quality assurance division to verify appropriate coverage and compliance.

High build applications eliminate the need for multiple coatings saving time and labour.

Poly-Tech's knowledge as independent applicators will guarantee an unbiased solution, ensuring a system will be designed and installed to its technical specifications to meet your projects criteria.

Call us today on 08 8346 4111 and let us take the burden away from concrete protection.

The concrete protection & restoration specialists

South Australia, Tasmania, Victoria & Northern Territory

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