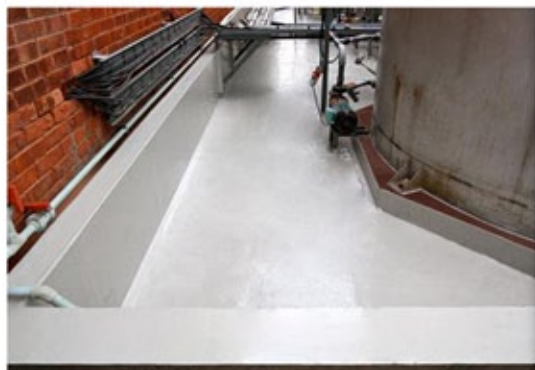


# Project Case Study

## Project

### Acid Bunds

Complete Corrosion  
Protection



## Project Summary

Substrate

Concrete

Surface Preparation

Mechanical Grinding

System

Vinylester

## Project Description

Containment infrastructure that prevent leaks and spillage from tanks and pipes are key protection measures to ensure the safety of the employees and workplace assets. Often referred to as bunding, these secondary containment zones protect concrete from toxic liquids in tanks and pipes and prevent the liquid from causing damage either by force or its corrosive chemistry.

If a large tank has a catastrophic failure, the liquid alone can cause extensive damage and astronomical rectification costs.

Bunding as secondary containment is a legal requirement in many countries particularly around tanks, storage vessels and other plant that contain liquids which may be dangerous or hazardous to the environment.

Many contractors try to save money when coating bunds by using cheap epoxies. Poly-Tech are not in the business of short term fix's so will only put forward our "Complete Acid Protection" solution.

Vinylester resins utilize a polyester resin type of cross-linking molecules in the bonding process. They are a hybrid form of polyester resin which has been toughened with epoxy molecules within the main molecular structure.

Poly-Tech provide a design and install service with priority in the best product selection suitable for the chemicals and acids being stored. In most cases a vinylester resin system will be adopted. Providing the correct vinylester system is installed it can tolerate spills of 98% sulphuric acid.

By using our vinylester technologies you be confident of a superior system and the peace of mind that your bund can and will stand up to occasional spills and leaks whilst maintaining its fulfillment to environmental and legislative requirements for the storage and handling of fluids.

Don't cut corners with bunding.

Call us today to talk about your next bunding project.

The concrete protection & restoration specialists  
South Australia, Victoria, Tasmania & Northern Territory

Poly-Tech Industrial Services [www.poly-tech.com.au](http://www.poly-tech.com.au)

SA (08) 8346 4111 Fax (08) 8346 4333

VIC (03) 9583 8385 Fax (03) 9583 4363

TAS (03) 6265 3957

**poly-tech**

COMPLETE ACID PROTECTION