

Application Field: Concrete Repair

Market Field: Water Industry

Helensburgh Priority Sewerage Program



Requirement: The Priority Sewerage Program (PSP) in Helensburgh is part of Sydney Water sewerage scheme which includes the construction of pumping stations, pipelines and augmentation of existing sewage treatment plants in different areas. These projects required high quality construction materials such as curing compounds, joint sealants, waterstops, epoxy mortars and protective coatings.

Solution: The bund lining system was composed of Sikagard-720 EpoCem and Sikagard-62. It was applied in all underground tanks. Further, the system can be applied on green concrete or on surfaces that are exposed to moisture in excess of 4%. The application process includes surface preparation by water blasting followed by patch repair using Sikadur-31 then the application of Sikagard-720 EpoCem moisture barrier and finally multiple coats of Sikagard-62 in sewage tanks which require chemical resistant coatings

Product Used:

Sikagard-720 EpoCem: Superfine epoxy cement sealing mortar and temporary moisture barrier.

Sikadur-31: thixotropic epoxy resin adhesive mortar.

Sikagard-62: solvent free epoxy coating.

SikaSwell Profile: swellable water stops.

Project Details

Date: September 2004	Location: Helensburgh, NSW
Specifier: Sydney Water	Contractor: PSP Alliance Team
Sika Representative: Sam Toglaw	Reference:

