

Application Field: Concrete Repair and Sealing & Coatings

Market Field: Manufacturing & Industrial

Eastern Creek Waste Management Centre



Requirement: The Waste Management Centre established several new storage tanks which are made of glass-metal trifusion and required a durable and strong sealing system for the joints and floors.

Solution: A unique joint design was designed that included Sikaflex-PRO in two stages. Stage one involved the Sikaflex-PRO in a 20 x 10 mm joint. Stage two involved putting a de-bonding tape on the applied Sikaflex-PRO and creating a 20 mm chamfer on top of it and bonded to the metal-glass surface.

Sikadur-Combiflex membrane was used to cover the walls and floor joints around the internal perimeter of the tank. The tank floor was repaired using Sikadur-31 and Sikadur-52 injection system. Lastly, it was waterproofed with a composite system based on Sika Tite-BE and Sika Tite-RC

Product Used:

Sikaflex-PRO: High performance polyurethane joint sealant.

Sikadur-Combiflex: Sealing system for cracks and problem joints with large movements.

Sikadur-31: Thixotropic epoxy resin adhesive mortar.

Sikadur-52: Low viscosity epoxy resin.

Sika Tite-BE: Waterproof bitumen applied membrane.

Sika Tite-RC: Two part rapid curing liquid membrane for wet areas.

Project Details

Date: September 2004	Location: Sydney, NSW
Specifier: GRD & Minproc	Contractor: EPTEC & Metropolitan Restorations
Sika Representative: Sam Toglaw	

