

Application Field: Concrete Repair

Market Field: Manufacturing and Industrial

GARDEN ISLAND DRY DOCK REPAIR



Requirement: The Garden Island Dry dock is the largest dry dock for ship repair in the southern hemisphere. The concrete structure of this dry dock required urgent repair due to corrosion.

Solution: A micro concreting system using the high performance SikaGrout 212HP, mixed with sand and blue metal aggregate, was designed to rebuild corbels and concrete beams of 300mm thick and 0.50 m wide. These beams and corbels extend all around the internal perimeter of the dry dock.

Product Used:

SikaGrout 212HP: Shrinkage compensated high strength cementitious Class A grout.

Project Details

Date: July 2003	Location: Sydney, NSW
Specifier: ADI	Contractor: Andersal Engineering
Sika Representative: Sam Toglaw	

