

Application Field: Structural Strengthening

Market Field: Reinforced Concrete Structures

PORT KEMBLA JETTY NO.6 REPAIRS



Requirement: Jetty Number 6 in Port Kembla has many piers that needed maintenance and replacement.

Solution: Timber piers were cut and replaced with new ones and SikaGrout UW was effectively used to fix the piers in the concrete foundation at the bottom of the sea. Further, Sika proposed a unique application for Sika Wrap to strengthen the joints between the old and new pier. Tests done by C.W. Henstock Engineers were successful and the Sika Wrap system was implemented. The system was recommended for repairs in other jetties.

Product Used:

SikaGrout UW: Shrinkage compensated cementitious grout for underwater application.

Sika Wrap: Carbon fibre fabric strengthening system.

Project Details

Date: September 2004	Location: Wollongong, NSW
Specifier: C.W. Henstock & Associates	Contractor: Corroseal Engineering
Sika Representative: Sam Toglawa	

