



Busselton Jetty

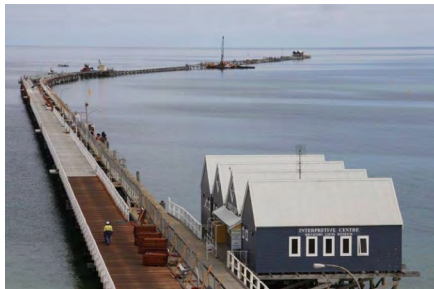
Busselton, Australia



Contractor
**MARINE AND CIVIL
CONSTRUCTION COMPANY
PTY LTD**

Products
ADMIX C-5000

Project Type
MARINE STRUCTURES



Busselton Jetty is the longest wooden jetty (pier) in the southern hemisphere, stretching almost 2 km out to sea from the town of Busselton, Western Australia. Because the shallow waters of Geographe Bay restricted ship movement, a long jetty was required so that the cut timber could be transported to the ships. Stretching 1.8 kilometres across Geographe Bay, Busselton Jetty is the longest timber-piled jetty in the Southern Hemisphere. It is appreciated for its spectacular Underwater Observatory, Jetty Train and myriad of recreational uses.

In May 2009, Marine and Civil Construction Company Pty Ltd was awarded the \$27.1 million refurbishment contract. The refurbishment included:

- The complete replacement of approximately 50% of the 1.8 km existing Jetty structure. This requires demolition of approximately 900 m of the existing Jetty;
- Temporary dismantling for substantial repairs to the remaining 50%;
- Driving of approximately 200 new timber piles and 108 steel piles predominantly for the new 900 m section;
- Reconstruction of various parts with timber decking for heritage values;
- Refurbishment of the small 'Scout Road Jetty' located 100 m east of the main Busselton Jetty.

Xypex Admix C-5000 was specified for all concrete used in the refurbishment as protection of concrete used in a marine environment.