

BUILDING & CONSTRUCTION



RIVERWALK FLOATING WALKWAY

Stainless steel's corrosion resistance means durability and low maintenance for the balustrading, posts, cables and floating pontoons of Brisbane's "RiverWalk" floating walkway. Using carbon steel reinforcement in the pontoons could have led to corrosion and concrete deterioration, in the marine environment. This application generated a specification and trialing that has since been used for stainless barrier structures in marine environments across Australia.

LOCATION/ENVIRONMENT	Australia - marine environment
PRODUCT	Rebar (reinforcement of pontoons)
FABRICATION PROCESS	
GRADE	316 (17Cr-12Ni-2Mo)
SURFACE	Smooth (balustrading, posts)
COMPETING MATERIAL	Carbon steel (reinforcement of pontoons)
DATE OF COMPLETION	December 2003
MANUFACTURING COMPANY	Pryde Fabrication - Arminox Australia - Ronstan International - Condamine Wellscreens
MATERIAL SUPPLIER	Sandvik - Atlas Speciality Metals - Johnson Screens - Tom Stoddart Pty Ltd.
SOURCE OF INFORMATION	Australian Stainless Steel Development Association (ASSDA)
REMARKS	