

A Walk to Remember

Location: Newcastle, Australia
Architects: EJE Architecture

Combining the breath-taking natural beauty of Australia's eastern coastline with the timeless beauty of stainless steel, a new walkway has been constructed around the cliffs of Newcastle, linking Strzelecki Lookout and Bar Beach. Named the Newcastle Memorial Walk to commemorate the Anzac Centenary, the walkway was opened on 24 April 2015. With a total length of 450 meters, and built at a cost of \$4.5 million, the project was designed by EJE Architecture and built by Waeger Construction, with engineering by Northrop Engineers. As the design life was required to be not less than 70 years, austenitic grade 316L was selected for its proven strength, corrosion resistance and durability. The construction required 64 metric tons of stainless steel in the forms of hollow sections, bridge section frames, round bars and tubes for handrails. The pre-construction fabrication work of the bridge was done by SGM Construction and Fabrication and it was delivered in 8 single span sections 20 meters in length. Seven Y shaped precast concrete pylon, up to 8.8 meters high and 3.4 meters wide, support the bridge sections. The handrails and vertical balustrades were electro-polished by Australian Pickling and Passivation Service. Newcastle's beaches receive more than

2 million visitors every year and the Newcastle Memorial Walk has already positioned itself as a major tourist attraction. But one should never forget that it also stands as a fitting monument to all Australian and New Zealand service men and women who served and died in all wars, conflicts, and peacekeeping operations and to the contribution and suffering of all those who have served. (Story provided by Richard Matheson and Lissel Port of ASSDA)

Details

Environment:	marine
Grade/surface:	316L
Main thickness or diameter:	2 mm
Date of completion:	2015
Manufacturing company and material supplier:	Waeger Construction, Atlas Steels
More information:	assda.asn.au



Picture courtesy of Thomas Bryce