



Inset: Google Maps

Push-fit floor drains

Albert Cotter Walkway, Moore Park, NSW

Albert Cotter Walkway is named after a famous cricketer and WW1 ANZAC and was built in response to the need to provide a safe and direct route for over 900 pedestrians and cyclists that cross Anzac Parade every day. The walkway provides a link between Sydney's CBD and the popular attractions at Moore Park, Sydney Cricket Ground, Allianz Football Stadium, Fox Studios and the Entertainment Quarter. The walkway is 6 metres wide and 440 metres long with helical ramps providing a gentle slope onto the bridge.

Project Design Brief

To meet the short delivery time of 14 months from concept design to the bridge opening in time for the 2015 Cricket World Cup, the bridge was prefabricated and erected in seven pre-assembled modules. A compact drainage system was needed due to the restricted depth of the slender curved steel box beams and a cost effective, efficient drain solution was required to keep the walkway dry and safe for the pedestrians and cyclists.

ACO's Solution

- Wexel 150x150 push-fit floor drain with stainless steel hinged grates

Benefits

- Grade 304 cast stainless steel grate provides durability to match the bridge design life
- Discharge capacity of 2.94 L/s per outlet captures expected water flows on the deck
- The hinged grate ensures that it would not be misplaced during maintenance procedures
- A shallow drainage system able to fit into the box beams
- ACO Wexel range is an off-the-shelf product range that enables a quick delivery to site

Other ACO Products Used

- Pipe systems and trench drain systems

