

ACO Drain – KlassikDrain

Case Study



Pearson Street Mall, Newcastle, NSW

Lake Macquarie City Council recently undertook a \$3M upgrade of the Pearson Street Mall. The mall, positioned prominently in the suburb of Charlestown, is to be the gateway to the region's largest retail precinct. The upgrade comprises a number of engaging activation points including new digital technology for soundscapes, projections and creative lighting.

Project Design Brief

Drainage infrastructure was required for the new pavements, which would be exposed to both vehicular and pedestrian traffic. Therefore a strong, durable and foot friendly trench drain system was required. Designers also wanted to create something unique with the drainage system to complement the modern look of the new mall.

ACO's Solution

- **KlassikDrain** K200 system with Iron Wave **Heelsafe**® *Anti-Slip* grates

Benefits

- The 0.5% slope in the K200 channel run provides runoff to the outlets, even though surrounding pavements are constructed flat.
- The Iron Wave **Heelsafe**® *Anti-Slip* grates provide a slip resistance rating of P4 to AS 4586 and load class D to AS 3996.
- To facilitate installation and maintenance, the boltless locking mechanism provides quick fitting and removal of grates to reduce maintenance times.

Other ACO products used

- Trafficable cable enclosures ([ACO Cablemate](#)®)

