

ACO Drain - KlassikDrain

Case Study



Central Station - Sydney NSW

Central Station is a heritage-listed railway station located in the heart of Sydney. As Australia's largest and second-busiest railway station, it records over 85 million passenger movements annually and serves more than 250,000 people each day. Central Station comprises three distinct terminals and functions as a major hub for metro and regional train services, the new Sydney Metro lines, and the Sydney Light Rail network.

Project Design Brief

All existing platforms were scheduled for refurbishment, including the installation of new pavement finishes. This upgrade also allowed for the integration of a modern drainage system across the platforms. While some platforms received new roof coverings, several others remained exposed to the elements. Throughout the design process, pedestrian safety was a top priority, addressing concerns such as slip resistance and stiletto heel safety.

ACO's Solution

- **KlassikDrain** KS200 system with Stainless 5 Star **Heelsafe®** Anti-Slip Grates

Benefits

- The KS200 sloped channels provides a 0.5% built-in fall along the invert to ensure efficient run-off toward the outlet points.
- The Stainless 5 Star **Heelsafe®** Anti-Slip grates provide pedestrian safety as they are slip resistant (P4 to AS 4586), safe for heels and are wheelchair and walking cane compliant to AS 1428.1.
- **DrainLok** barless and boltless locking mechanism enables easy access for maintenance.

Other ACO products used

- Cable pits - **Cablemate®**
- Access covers - **Urbanfil®**

