



PFW201820

PowerDrain

Daimler Trucks, Perth, WA

Daimler Trucks Perth is a full service truck dealership for freight and commercial trucks, buses, vans and quality used vehicles. The dealership has a dedicated mining and government fleet department. The company also offers customised truck bodies and specialises in purpose-built vehicles for the mining and transportation industry. The ultra-modern service centre has professional service technicians working from 7.30am to midnight and was recently expanded with an additional 24 service bays.

Project Design Brief

Preventing hazardous liquids such as oils and fuels from entering the stormwater system was crucial for the designers. The hazardous liquids were collected in the wash down bays of the service centre and transferred to oil separators for cleaning and processing to remove the chemicals before entering the stormwater system.

ACO's Solution

- **PowerDrain S100K** with Iron Slotted grates (364 metres installed)
- ACO's Technical Services Department provided designers with grate and channel performance calculations to ensure the system met the project requirements and also provided a run layout that helped with the installation of the drain on site.

Benefits

- PowerDrain S100K channel used as a containment system has a 0.5% internal slope that facilitates runoff to the oil separator
- Slotted grates are rated to load Class G (900kN) AS 3996

