



PFW201716

## **KlassikDrain**

### **Hobart Airport Extension, TAS**

Hobart Airport is undergoing a major redevelopment at a total cost of \$100 million and is due for completion in March 2018. The passenger terminal will have a larger departure lounge, centralised arrival and international passenger processing areas as well as new retail and dining spaces. The 500 metre extension to the runway will make it possible for larger aircraft to fly further from Hobart. It will open up trade and tourism markets, as it will enable one-stop flights to Europe and direct flights to Asia for the first time. It will also enhance tourism to East Antarctica.

#### **Project Design Brief**

Stage one of the redevelopment required construction of hardstand pavement at the northern end of the terminal, utilising a variety of materials. A drainage solution suitable for large areas of flat pavement was required. The drainage system needed to be robust to withstand vehicle traffic and safe for large numbers of pedestrians with foot friendly grates.

#### **ACO's Solution**

- **KlassikDrain** K200 system with Iron Intercept **Heelsafe®** Anti-Slip grates
- ACO's Technical Services Department provided designers with grate intake data to ensure the grate would capture all the rainwater run-off

#### **Benefits**

- The 0.5% built-in slope in the KlassikDrain K200 channel ensures the water flows toward the outlet, enabling the pavement to be constructed flat and level for pedestrian safety
- Iron Intercept **Heelsafe®** Anti-Slip grates provide slip resistance rating P2 to AS 4586 and load class D to AS 3996, meeting the designers' safety and strength requirements
- The KlassikDrain galvanised steel edge rail provides a secure restraining edge for the various paving materials

