ACO Drain - KlassikDrain

Case Study

Performing Arts Complex Forecourt - Brisbane QLD

Brisbane City Council is advancing the Brisbane Metro Project, a 21 km turn-up-and-go rapid transit system. The project features two dedicated lines connecting 18 stations between Eight Mile Plains and Roma Street, and Royal Brisbane Women's Hospital and The University of Queensland. As part of the works at QPAC, the Queensland Museum Forecourt underwent refurbishment, including the installation of new pavements, concrete works, and upgraded drainage systems.

Project Design Brief

Designers required a drainage system capable of efficiently capturing surface runoff from the new forecourt pavements, which were designed to maintain minimal gradients to achieve near-flat levels. Pedestrian safety, particularly accommodating stiletto heels, was a critical factor influencing drainage grate selection and placement. Additionally, the system needed to be as visually discreet as possible to preserve the forecourt aesthetics.

ACO's Solution

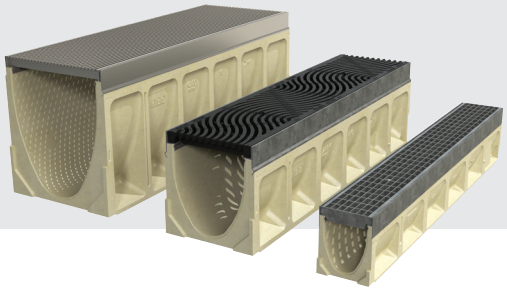
- **KlassikDrain** K100 Channels with Double Brickslot 100

Benefits

- The 0.5% built-in slope in the K100 channels allows the new pavement to be constructed as flat as possible, yet enabling sufficient runoff to the outlet.
- The Double Brickslot 100 top has narrow slots for heel safety.
- Access units allow entry for inspection and maintenance through a removable access cover that also has the same discreet drainage slot.

Other ACO products used

- Cable pits - ACO Cablemate
- Access covers - ACO Urbanfil



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