ASHFORD INTERNATIONAL MULTI STOREY CAR PARK

CS were approached by Ashford International to supply and install a watertight expansion joint cover solution on levels 4 & 5 of their multi-storey car park, due to an existing joint cover failure.

Serving close to 4 million passengers a year, Ashford International Station is a busy transport hub offering national and international railway services. Being such a busy terminal with passengers travelling far and wide to get there, the station offers 1800 car parking spaces for passengers, including a 750-space multi-storey car park adjacent to the station.

DESIGN GOALS
Built a number of years ago, the aging multi-storey car park has seen heavy volumes of moving traffic through it, and over its expansion joint covers. More recently it became clear to the car park manager that the existing expansion joint covers weren’t fit for purpose, and were starting to fail.

In some instances, the existing joint cover had slipped down within the expansion joint gap itself. As well as looking unsightly it was creating a potential trip hazard for visitors and causing water leakage through from the top floors (levels 4 and 5). As experts in the field of expansion joint covers, CS were approached for a solution.

SOLUTION
CS recommended the ZB-SM expansion joint cover, which was designed specifically for retrofit car park applications. A surface mounted version of our popular ZB Series Parking Joint Cover, the ZB-SM is a heavy duty, EPDM rubber joint cover, offering a watertight* and robust solution to car park building movement.

As it is surface mounted the ZB-SM does not require a recess (or blockout) to be created before installation, it can be adhered quickly and efficiently to the surface of the substrate. To ensure easy passage over the “9mm thick expansion joint cover, the ZB-SM features a ramped wing seal for a smoother vehicle transition over the joint cover.

SUMMARY
Installed by CS’ own installation team, Conspec Contracts, the ZB-SM provides Ashford International with a durable, leak-free solution to building movement. Perfect for retrofit installations in car parks where existing covers have failed or become damaged, ZB-SM was simple to install and requires very little maintenance for Ashford’s car park manager.

* Watertightness relies on correct installation of the joint cover and the quality/integrity of the adjacent substrates.

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- **Project Name:** Ashford International Multi Storey Car Park
- **Client:** HS1 Ltd.
- **Contractor:** Conspec Contracts
- **Products:** CS Allway ZB-SM Expansion Joint Cover