



Elmsleigh Shopping Centre Staines, Middlesex

Case Study

Cemplas has recently completed repair works at the Elmsleigh Shopping Centre in Staines, which included the replacement of deteriorated and failing mechanical movement joints in the service decks. The Centre's retail units are supplied via ramps to these service decks, which carry the delivery traffic above the stores, plus the decks are also used for car parking, meaning that in addition to being fully exposed to weathering, they are subject to almost continuous dynamic loading from traffic up to and including heavy articulated HGV's.

Unfortunately, despite past attempts at repair and resealing, there had continued to be water ingress through these joints, both into the structure and into the retail units that are directly below, resulting in disruption, damage and cost for everyone involved. The innovative Emseal SJS system that includes integral cover plates, but with no mechanical fixings required, was selected by the Project Engineers as being ideal to accommodate the necessary movement, seal the joints and withstand the traffic loadings. Additionally, as access was only required from the top deck to install the Emseal SJS System, Cemplas was able to carry out the works quickly and keep disruption to an absolute minimum.



Owner:
Aberdeen Asset Management

Principal Contractor:
Cemplas Waterproofing
& Concrete Repairs Ltd

Main Products Used:
EMSEAL SJS system

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