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PROJECT PROFILE

PROJECT: Sunnyside Multi-Storey Car Park – Waterproofing
LOCATION: Sunderland – United Kingdom

THE PROBLEM

As part of a major regeneration project in Sunderland, Tolent Construction were contracted to construct an eight storey, 675 space multi-storey car park. The car park, close to the North Sea coastline, had, in excess of, 8,500 sq.m of top deck, intermediate decks and ramps which required long term waterproof and weatherproof protection. Appearance was also a major factor to give visitors a good first impression.



THE SOLUTION



The Thortex Car Park Decking system was chosen to provide a flexible, waterproof, hard wearing surface. This BBA certified system incorporates a range of polyurethane resin based coatings and is available in a range of colours.

The surface of the decks was grit blasted and Floor-Tech SFU Primer, fully blinded with dry silica sand, was applied to provide excellent adhesion and over-coating properties. Floor-Tech CPD, followed by two coats of Thortex Floor-Tech FBX, again fully blinded with dry silica sand, were then applied. A cosmetic colour stable finish coat of Uni-Tech XF was then used to further enhance the appearance of the decks.

The application was carried out by a Thortex Authorised Applicator, J B Concrete Protection, with the on-site support of the Thortex Technical Sales team. The car park opened to the public in September 2004.