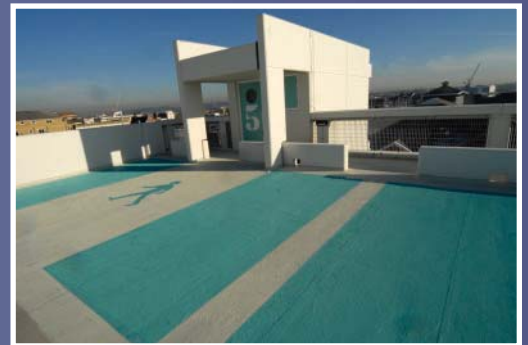


Case Study

Ocean Car Park

Southampton, Hampshire

Southern Concrete Services



Ocean Car Park

The newly opened Ocean 776 space multi-storey car park in Southampton required the application of over 25,000 square metres of deck waterproofing and coating systems, as part of the Ocean Village regeneration development.

Southern Concrete Services, using Remmers Eco-Line systems, were selected as the best solution to the architect's stringent performance and environmental requirements.

The installation of the systems presented a challenge as they took place throughout the wettest summer on record. However, it was easily met by the specialist skills of Southern Concrete Services.

On the intermediate decks of the car park, a water based epoxy resin system with polymer beads to provide slip resistance was applied. The turning circles on each deck were reinforced by using an additional thickness of the material, extended and broadcast with quartz aggregates, prior to applying the seal coat.

On the exposed top decks, where the additional ability to accommodate thermal movement with elastic crack bridging properties was required, a polyurethane based deck coating system was applied, reinforced with polyester fleece. This provided additional crack bridging with restraint, as well as the ultimate in waterproofing performance.

This successful project has already been awarded ParkMark® status through the police approved 'Safer Parking Scheme' and New Car Park of the Year by British Parking Association 2008.

Project Outline

Application:

Waterproof Top Deck Systems

Main Contractor:

Dean & Dyball

Architect:

Tiger Stripe, London

Supplier:

Remmers