

Ocean Car Park Southampton, Hampshire



More than 25,000 m² of Remmers deck waterproofing and coating systems have been applied on the newly opened multi-story Ocean Car Park, as part of the Ocean Village regeneration development in Southampton.

This specialist work was all undertaken by Southern Concrete Services Limited, with Remmers systems being selected as the best solution to the architect's stringent environmental and performance requirements. These demands included:

No solvents, minimal packaging, plus minimal thickness and volume of materials to reduce the carbon footprint of the works. Additionally the highly creative colour scheme needed to be available in almost unlimited colours. They also had to be fully resistant to surface blooming and capable of installation during the wettest summer on record!

All easily met by the advanced Remmers Eco-Line car park deck waterproofing systems:

On the intermediate decks Remmers BS 2000 and BS 3000, water based epoxy resin system, was used, with Remmers AD 250 polymer beads added to provide slip resistance. The turning circles on each deck were reinforced by using an additional thickness of the material, extended with Remmers SBL filler prior to the sealing coat.

On the exposed top decks, where the additional ability to accommodate thermal movement with elastic crack bridging properties was required, Remmers PUR D40 polyurethane based deck coating system was used, reinforced with Remmers woven polyester fabric. This provides additional crack bridging with restraint and the ultimate in waterproofing performance.

The 776 space car park has already been inspected and awarded ParkMark® status through the police approved 'Safer Parking Scheme.'

Project Details

Application:

Deck Waterproofing - Decks, Podiums and Balconies

Market:

Multi-storey Car Parks

Client:

Ocean Village Resorts Limited

Main Contractor:

Dean and Dyball Limited

Specialist Contractor:

Southern Concrete Services Limited

