



'Watertight by Design'



Whitelink Ferry & RORO Terminal, Portsmouth

Case Study

Whitelink is the leading ferry operator across the Solent from the mainland to the Isle of Wight and carries more than 5 million passengers a year. Their Portsmouth car ferry terminal in Gun Wharf has benefited from Whitelink's £45m investment programme to upgrade the facilities, with new double deck parking and boarding ramps.

The wide deck and ramp joints needed to be designed to safely accommodate high levels of movement from the combination of thermal and direct frequent traffic loadings, with simultaneous exposure to the marine environment, as well as maintaining watertightness to protect the structure. The engineers knew that selecting the right expansion joint system was going to be critical to the success of the project and their evaluation showed the Emseal SJS System was the best solution.

Unlike most trafficable expansion joint systems, the Emseal SJS solution was extremely cost effective, required no potentially damaging mechanical fixings and with installation from the top side only, therefore the works could continue with minimal disruption to ongoing ferry services and the normal Whitelink customer experience.

NCC Movement Joint Systems

Client:
Whitelink Ltd

Contractor:
Floor & Wall Ltd

Main Products Used:
Emseal SJS System

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