

Client

Exeter City Council

Engineer

Exeter City Council

Completed

2012

Systems used

TREMCO MMA Rapid Cure

Internal Decking System

Coverage

8,100 m²

TREMCO MMA Rapid Cure

Waterproofing System

Coverage

2,700 m²

TREMCO CP470

Coverage

11,000 m²

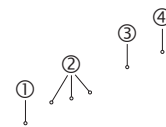


Matrix Solutions won the contract for the refurbishment and rebranding of the car park on the basis of a value engineered solution using high-performance TREMCO systems.

The systems were tailored to meet the different requirements of various parts of the structure; in high-demand areas such as the spiral ramps, a crushed basalt aggregate was used to meet the increased wear and traction demands. On the roof decks an elastomeric crack-bridging system was used to meet the demands of thermal and other cyclic movement; CP470 was applied to soffits to improve light levels and provide an effective anti-carbonation treatment to prevent concrete degradation.

The works were part of a package of measures to upgrade the car park to maximise usage through its location as the most convenient parking for the flagship John Lewis store for which it has been re-branded to serve.

This project was named “Best Car Park Refurbishment of the Year” and overall winner at the British Parking Awards.



Concrete Substrate

Standard System Build-Up Example

1. CP150 Concrete Primer
2. CP360 MMA Flexible Membrane
CP581 Reinforced Polyester Fleece
CP360 MMA Flexible Membrane
3. CP215 MMA Flexible Base Coat
with Aggregate Blind
4. CP930 Coloured Sealer Coat