

Case Study // Car Parks //

Client | Wm Morrison Supermarkets plc
Role | Principal Contractor

Retail Shopper Car Park Refurbishment

Morrisons Store Car Park, Redcar

SCOPE

- // Deck Waterproofing
- // Expansion Joints
- // Line Marking

DETAILS

- // Single, podium deck
- // Reinstate line marking and instructions throughout
- // Replacement of 165 LinM of movement joints
- // Application of waterproofing system to 7,400m²

Case Study //

Car Parks //

Client | **Wm Morrison Supermarkets plc**
Role | **Principal Contractor**

Before: Existing ramp



Before: Delaminated surface



Before: Worn out waterproofing



After: Contrasting colours

The scope of this refurbishment was to replace the badly worn existing deck waterproofing system and mechanical joints to the upper deck, both of which had failed and were allowing water ingress across the car park leading to possible structure damage.

It had also created an unpleasant parking environment for the store's shoppers using the deck below. The structure itself comprises a single, podium deck formed of pre-cast



After: Movement joints installed

reinforced concrete planks simply supported within a RC frame. The structural 'topping' on top of the pre-cast planks was at risk of further damage given movement cracks which had formed and reflected through the waterproof decking system allowing salt-water ingress.

The entire surface area of the upper deck – measuring some 7,400m² – was prepared by removing the existing waterproofing, replacing 165 LinM of movement joints and



After: Decks re-waterproofed

followed by the application of Sika's RB28 car park decking system to re-waterproof. All works were carried out over a 14-week contract programme with phased possessions to reduce inconvenience to customers.

For further information, or to view our additional case studies, please visit our website www.cemplas.co.uk.

Est. 1969
cemplas //
REPAIR // PROTECT // TRANSFORM

Cemplas Waterproofing & Concrete Repairs Ltd
Cemplas House, 25a, Breakfield, Ullswater Industrial

Estate, Coulsdon CR5 2HS

T: 020 8654 3149 F: 020 8656 6984

E: info@cemplas.co.uk W: www.cemplas.co.uk



www.cemplas.co.uk