

**Project:**

Doncaster Southern MSCP

**Location:**

Doncaster

**Owner/s:**

Doncaster Metropolitan Council

**Applicator/Contractor:**

Morgan Sindall/ Muse  
Developments

**Designer/Architect/Specifier:**

Potter & Holmes/Capita

**Market sector:**

Car Parks

**Products used:**

MasterProtect 320  
MasterTop 524  
MasterSeal Traffic 2260  
MasterSeal Traffic 2205  
MasterProtect 8000 CI

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## Civic Quarter/Southern MSCP, Doncaster Car Park Refurbishment



Our reference in Doncaster (United Kingdom): Civic Quarter/Southern MSCP

### The background

The Civic Quarter or Southern Car Park, as it was known before its refurbishment, was built in the late 1960s. The structure provided parking on four suspended decks and the ground floor was a main bus station for the town, making the building a key infrastructure hub. Parking was provided for around 750 cars. The full refurbishment of old MSCP had the core objectives of providing customers with a safer, cleaner and more user-friendly parking experience with enhanced aesthetic appeal and an improved pedestrian management strategy. At the same time, it supported raising the profile of the new Civic and Cultural Quarter through the integration of the old car park.

### The challenge

Addressing the structural serviceability of the car park, repairing structural problems and providing on going structural protection was part of the MSCP's long-term maintenance programme.

The scheme included altering access into the car park from the busy Trafford Way entrance to a safer position and capacity was to increase along with potential revenues and the efficiency of the car park's management.

# Civic Quarter/Doncaster Southern MSCP

## Car Park Refurbishment



Our reference in Doncaster (United Kingdom): Civic Quarter/Southern MSCP

### Our solution

The refurbishment involved converting the redundant bus station area on the ground floor into additional parking, allowing the bay count to be increased to around 850 cars with a redesigned entrance/exit position at ground floor level. A new ramp was built improving circulation around the car park and diverting the main entrance away from the busy roundabout on Trafford Way allowing cars to access the upper levels from the new ground floor parking area.

Master Builders Solutions' deck waterproofing membrane MasterSeal Traffic 2205 was installed to the roof (approx. 5000m<sup>2</sup>), while MasterSeal Traffic 2260 was applied to the three intermediate decks (around 5000m<sup>2</sup> each).

### Benefits to the customer

- MasterSeal Traffic provided a seamless coating with an attractive, skid-resistant, and weather-resistant finish that would be easy to clean and maintain. Its resistance to fuels, battery acid, de-icing salts and alkaline cleaners was a further benefit.
- As MasterSeal Traffic's manufacturer, Master Builders Solutions also provided a single source of supply for the other construction systems used on the contract. MasterTop cementitious self-levelling underlayment, was used to profile and smooth the car park's existing rough-textured deck surface, and MasterProtect 8000 CI corrosion inhibitor was applied to help prevent corrosion of the concrete's steel reinforcement.
- End users were very pleased with the high-quality standard of parking delivered, with feedback including: "A much cleaner, brighter and safer place to park," and "colourful and clearly marked parking bays means a much happier parking experience for me and my family."

### Projects facts at a glance

- 850-space multi-storey car park refurbishment
- In total Master Builders Solutions supplied over 10,000m<sup>2</sup> of MasterSeal Traffic, deck waterproofing membrane
- MasterTop and MasterProtect systems were used to profile and protect the substrate

### Master Builders Solutions by MBCC Group

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Master Builders Solutions is built on the experience gained from more than a century in the construction industry. At the core of the Master Builders Solutions brand is the combined know-how and experience of a global community of construction experts, who connect with you to solve all of your construction challenges.

Further information is available at:  
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