

**Project:**  
Waterloo Street MSCP

**Location:**  
Glasgow

**Owner/s:**  
Q Park

**Applicator/Contractor:**  
H3 Construct Ltd

**Market sector:**  
Car Parks

**Products used:**  
MasterSeal Traffic 2260  
MasterEmaco S145 PG  
MasterTop P604

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## Waterloo Street MSCP, Glasgow

### Extensive concrete repairs & car park deck recoating



Our reference in Glasgow (United Kingdom), Waterloo Street MSCP

#### The background

The intermediate decks of the Waterloo Multi Story Car park have aged through the years.

Cracking within the existing coating led to the ingress of salt contaminated water via the deicing salts, leading to significant deterioration to the concrete deck which required repair.

#### The challenge

Several hundred concrete repairs were identified ranging in size from several square meters to small, isolated pocket repairs.

The concrete repair material needed to be usable at a wide range of application depths in a variety of bay size areas and geometries.

As a result of the number of concrete repair works that had to be done, a suitable scratch coat primer was required to provide a smooth surface for a coating system to be applied onto.

Finally, a coating system suitable to protect the repaired car park deck from vehicular traffic was required.

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## Extensive concrete repairs & car park deck recoating



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### Our solution

MasterEmaco S145 PG (pumpable and pourable repair mortar) was recommended since it met all requirements of the project with its easy application and excellent flow properties.

After the concrete repairs had been completed, the contractor made sure that adequate surface preparation was carried out to reduce the uneven finish. MasterTop P 604 (a pre-filled epoxy primer) was selected and applied as a scratch primer to create a smooth finish over the heavily repaired concrete surface.

MasterSeal Traffic 2260, a car park system suitable for intermediate decks applications, designed to withstand medium to heavy loads was selected. As the car park also had an exposed outlook, MasterSeal TC268; a UV resistant polyurethane topcoat, was selected for its enhanced colour stability.

### Benefits to the customer

- Robust and cost-effective concrete repair solution.
- Smooth finish with the aid of scratch coat.
- UV Stable and abrasion resistant topcoat for long lasting usage.

### Projects facts at a glance

- Over 7,500m<sup>2</sup> of intermediate deck coating over 4 levels
- Several hundred different concrete repair areas of varying in sizes
- MasterEmaco S145 PG used for the concrete repairs
- MasterSeal Traffic 2260 used for the car park coating
- Fast return to service

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