

Birch Street Multi Storey Car Park, Wolverhampton



Birch Street; a busy public Car Park



The car park suffered from disrepair



Waterproofing and concrete repair



50% of the Car Park was in use throughout



The project was completed successfully in Nov 04

Balvac provides extensive concrete repairs and waterproofing to a busy Multi Storey Car Park in Wolverhampton.

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| Client | Wolverhampton City Council |
| Principal Contractor | Balvac |
| Contract Value | £450k |
| Programme | 17 weeks |
| Completion | Nov 2004 |

Balvac was awarded the contract by Wolverhampton City Council to refurbish and repair the busy Birch Street Multi Storey Car Park. The contract included extensive concrete repair works, deck waterproofing, coatings, and also some minor building works.

Hydro-demolition break out methods were used to remove defective concrete before concrete repair works could begin on the columns, internal walls, decks and soffit waffle slabs. Concrete repairs were also successfully completed to the internal and external parapets and to the east and west stairwells.

On completion of the structural repairs, deck waterproofing was undertaken to decks floors and stairwells totalling over 6500 m².

Other works completed on the projects included the installation of gullies into the roof deck slab, the repair and replacement of handrails and the replacement of vehicle barriers. A galvanic anode system was installed to give added protection against further corrosion in vulnerable areas.

Through a carefully planned and controlled traffic management system, Balvac was able to maintain 50% of the car pack spaces for car park users throughout the contract. The team had to deal with particularly difficult working conditions caused by unusually heavy rainfall. The project was successfully completed in November 2004. Part of the projects success was due to the successful partnering relationship the Balvac team built up with the client.

Balvac

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