

# Livery Street Multi Storey Car Park

Livery Street, Birmingham



**TREMCO**

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Birmingham City Council has embarked on a programme of works to upgrade and enhance car parks in and around the city centre. These plans include the repair and refurbishment of seven car parks, of which the flagship project is the £700k refurbishment of Livery Street Car Park, located in the very heart of the city.

Due to the central location and high usage of the car park, closing for refurbishment was simply not an option. The car park remained in use by the public at all times during the works, requiring careful planning of traffic movements, deck closures and work programs. Close co-ordination of operations, suppliers and subcontractors was absolutely essential, in order to minimise disruption and maximise car park usage.

Having secured the contract, principal contractor Balvac began work on site in October. Seasonal periods of adverse weather, Christmas shoppers and school holidays all added to the complexity of the works program. Balvac selected Tremco illbruck's Rapide system to waterproof 22,000m<sup>2</sup> of deck surface.

Based on rapid curing MMA technology the multi-layer system comprises 3 components:- Primer, Elastomeric Resin and Sealer. Following thorough surface preparation, the primer and bodycoat were applied and blinded with quartz sand. This aggregated surface was encapsulated by a finish coat of coloured sealer to provide contrasting coloured parking, driving and pedestrian zones.

The result is a deck waterproofing system capable of standing up to a high level of trafficking, a high resistance to chemical or mechanical damage, and an easy to clean, non-slip surface. It is these features that will ensure the performance of the system for the service life of the car park.



**“We have had quite bad weather conditions on site but the Tremco illbruck MMA system clearly tolerates harsh conditions better than PU based systems and has been very beneficial. We have also had good product support from Tremco illbruck throughout the project.”**

Gerry Lister,  
Business Development Manager,  
Balvac

**“This is the first time we have been involved with Tremco illbruck and it has been a great success. They have great supervision on site and keep everything well monitored. The client and ourselves have been very impressed with Tremco illbruck.”**

John Deegan,  
Group Manager,  
WS Atkins

**"Throughout the project we had to contend with bad weather, limited on-site storage and a continuous flow of public traffic. The project team was able to work closely together to ensure this high-profile project was a complete success."**

Peter Bitten  
Business Development Manager,  
Tremco illbruck

Client



Consulting Engineers

**ATKINS**

Principal Contractor

**Balvac**

Manufacturer

**TREMCO**  
**illbruck**



Above: Visitors inspect the roof deck during the Project Open Day. Delegates attended a technical seminar, site inspection and a live demonstration of the coating system

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