

## Makers completes Merrion Centre car park project

Built in 1964, the 900-space Merrion Centre car park – owned & operated by Citipark – was the first multi-storey to be built in Leeds. With the passage of time, it had developed an extensive range of defects and has recently undergone extensive concrete repairs, corrosion management, structural strengthening and deck waterproofing. This extensive package of specialist works was carried out by **Makers Construction** as part of a 48-week, £8.4m internal and external refurbishment programme managed by GMI Construction.

In the largest carbon fibre strengthening project in Europe, 22km of Sika Carbodur plate was required to strengthen deflecting reinforced concrete beams. The project also included the drilling of 37,000 holes into which Sika's AnchorC carbon fibre ropes were inserted and chemically bonded. 28,000m<sup>2</sup> of SikaWrap carbon fibre matting was applied to the soffits of the parking decks.

“The project was logistically challenging given that we were on a very ambitious programme and were only allowed to take up 30% parking capacity at any one time with a key pre-requisite being to keep the car park operational at all times throughout the contract.” comments Graeme Middleton, Business Development Manager at Makers.

“You have the dual challenge of providing a safe working environment not only for your own workforce but also members of the public who are coming and going, using the car park whilst you are working.”

Makers were chosen as the most suitable contractor to carry out the works given their extensive experience in structural and car park refurbishment.



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