



Refurbishment Project of the Year 2011
Car Parking Awards

Case study The Lanes, Brighton

Flooring

Client: Brighton & Hove City Council
Contractor: VolkerLaser
Products Specified: Sikafloor® 161/264

The typically shady and inhospitable environment of underground car parks has been radically transformed in Brighton, where the 350 space 'The Lanes' facility has received a welcoming and flawless finish thanks to the Sikafloor® System.

Developed by Sika, global leader in specialist construction materials, the Sikafloor® 161/264 car park inter deck system was selected for its outstanding surface finish. Previously dark and cracked, the floor now presents visitors with an attractive coloured surface that shines under the lights. Complete with a unique silver and black parking finish, which eliminates the need for white lines and creates easy definable spaces, the car park now has a safer and more welcoming atmosphere.

Situated in Brighton's city centre, the newly refurbished 'The Lanes' car park, operated by Brighton and Hove City Council, provides parking for thousands of visitors looking to shop and relax

in the bohemian streets. The excellent chemical and mechanical resistant properties of the Sika deck system made it ideal for enduring the constant trafficking of cars – ensuring the floor looks great for years to come.

In total, 10,000m² of the Sikafloor® system was applied by specialist contractor VolkerLaser to the car park decks. It was provided in a combination of silver and black to create a modern design, matching the town's artistic nature.

The Sikafloor® system is quick and easy to apply – vital as any closure of parking spaces results in lost revenue. The project was completed in four phases, one for each floor of the car park, helping to minimise disruption to the client.

Hard-wearing and economical, the Sika system was applied to the floor at a minimum thickness of 4mm. This was important as the original concrete surface was uneven and cracked. The thickness of the Sika system enabled the creation of a smooth, level, finish.

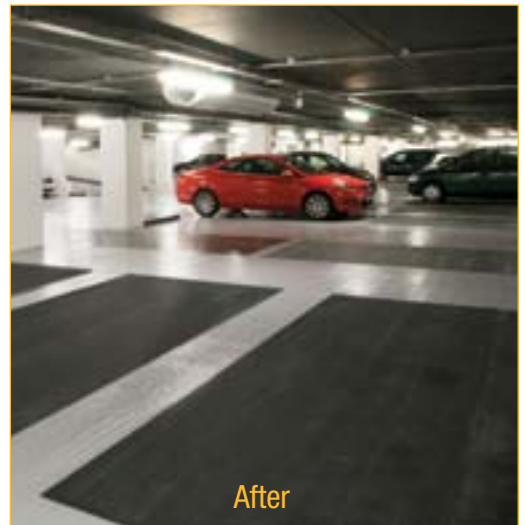
With the work taking place underground, it was important to protect the public and the contractor's health and wellbeing. As Sikafloor® 161/264 products are very low in odour, they offered the perfect decking solution that would provide workers and car park users alike with a comfortable and safe environment whilst the refurbishment works were being carried out.

Once finished, the system provided not only a stunning appearance, but also created a waterproof system that ensured protection to the concrete structure. The Sikafloor® system is part of Sika® Ecoline range of resin based flooring products. Produced from next generation low allergy resin, reducing the risk of applicator sensitivity, they are CE marked for performance. They are available in tins and economically and ecologically advantageous drums, that help reduce the amount of packaging required.

Whilst offering visitors an appearance which has visually enhanced the underground car park, the floor acts as a working example of how parking areas across the UK can be brought to life, making visitors feel safer and more at ease.



Before



After

Sikafloor® - Flooring Systems

Solutions for Multi-Storey and Underground Car Parks.

Sikafloor® car park deck systems are suitable for a wide range of applications for multi-storey and underground car parks. The systems are designed to meet the needs of both new build and refurbishment projects. These include: **Top decks and exposed areas; Intermediate decks; Ground bearing slabs; Ramps.**

The Sikafloor® product range comprises a number of components to provide a complete car park decking solution. This includes primers, base coats and seal coats.

The systems are so versatile that they can be designed to suit most applications providing the specifier with solutions including monolithic finishes for concrete slabs, elastomeric crack bridging car park deck systems, rigid ultra durable coloured deck systems and fast curing deck systems which can be applied in lower temperatures.

Available in a range of colours, the system offers a variety of qualities such as slip resistance, impact resistance, abrasion resistance and elastomeric waterproofing qualities to cope with the daily rigours of constant traffic.

Complete Solutions



Flooring and Coating Solutions



Detailing and Joint Solutions



Concrete Refurbishment Solutions



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