



SIKA AT WORK

CLIFTON DOWN SHOPPING CENTRE MSCP, BRISTOL

REFURBISHMENT: Sikafloor® RB58 Pronto System

BUILDING TRUST



CLIFTON DOWN SHOPPING CENTRE MSCP, BRISTOL



Before



After

MORE ROOM AT THE TOP FOR DRIVERS AS SIKA FLOORING HELPS RESTORE SHOPPING CENTRE CAR PARK'S UPPER DECKS.

Sika's watertight car park deck system ensured the deteriorating top two decks of a multi-storey car park have been restored and brought into use as a vital parking facility for a nearby shopping centre.

Decks six and seven of the Clifton Down Shopping Centre multi-storey car park in Bristol had been left neglected since the site was built in the 1970s. For many years, planning permission had been sought to bring the car park's upper floors into public operation. With approval denied, the exposed asphalt decks suffered cracks and became detached from the concrete substrate.

A month-long program of repairs drawn-up on behalf of the car park's owners, Black Rock, was scheduled. Main contractors Makers Construction required a proven, durable, replacement car park deck system with superior crack-bridging properties to upgrade the failing surface.

Comprising of several layers to guarantee a robust, watertight, and crack bridging system, [Sikafloor® RB58 Pronto system](#) more than fulfilled the contractor's requirements. In preparation for repairs, the failing asphalt was removed from both decks and repairs were carried out to the concrete substrate. The [Sikafloor® RB58 Pronto system](#) was then applied.

Firstly, [Sikafloor®-11 Pronto fast-curing primer](#) was applied to the decks' 1,500m² substrate. To fully-strengthen the base coat, which also included hard wearing [Sikafloor®-32 Pronto](#), Sika® Reemat Premium, was applied. A further layer of [Sikafloor®-32 Pronto](#) was used to encapsulate the Sika® Reemat Premium, and once cured, [Sikafloor®-32 Pronto](#) filled with 1:2 Sikafloor®-Pronto Filler, was installed. This was followed by a proprietary Sika aggregate which added an extra layer for durability and slip resistance.

[Sikafloor®-18 Pronto](#), which has excellent mechanical and chemical resistance, provided the system's fast-curing, solvent-free coloured seal, giving the decks a superb skid and slip-free finish sufficient to meet HSE regulations. [Sikafloor® RB58 Pronto system](#), which also comes with a 10-year warranty, has been tested in accordance with DIN EN 1062-7 for dynamic crack bridging class B 4.2. This test is carried out at a temperature of -20°C, a harsher environment than even the UK winter normally provides.

Harry Etherington, Building Surveyor for Workman and Partners, commented: "Sikafloor®-32 Pronto had been used to renovate other decks within the car park, so we knew its capabilities. It's not only quick and easy to install, its long-term, watertight performance gives peace of mind to us as specifiers, and to the client. It's an excellent product."

Due to the ease with which it was installed, the [Sikafloor® RB58 Pronto system](#) minimised disruption to motorists using the Clifton Down car park. With contractors putting a full traffic management system into operation, it allowed the site to remain open during repairs which were completed to the client's full satisfaction, within its strict one-month deadline.

Now fully-refurbished with a quality, durable flooring system, Clifton Down car park is functioning to its full-capacity; safeguarded against potential perils, which in the long-term, could lead to water ingress.

For further information call 0800 112 3863.