

CASE STUDY

Retail & Commercial Car Park

MAKERS

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PROJECT

IKEA, Reading

STRUCTURE

Retail & Commercial

CLIENT

IKEA

CONTRACT DURATION

6 weeks

CONTRACT



Following the submission of plans in 2011 for a new IKEA store in Reading, initial approval was given in 2012, though plans were adjusted and resubmitted to West Berkshire Council in August 2012 approval was granted.

Within the new store being opened came with the application of a new multi storey car park adjacent to the store which has to the capacity of 1000 spaces and the inclusion of charging points for electric cars.

Makers were engaged to carry out the re-waterproofing to the top deck of the multi-storey using the fully reinforced Sikafloor RB 58 System, a quality highly-crack bridging system which met the clients' requirements.

The programme was extremely tight with car park having to be ready in time for the grand opening with an expected 25,000 visitors expected in its first week.

The 9,000 sq² area had to be completed within 6 weeks. The works included the preparation of the structural topping, the reinforcement all construction joints together with installation of Sika's design system including all line marking and directional signage whilst the car park was still under construction.



Before



During

T : 08458 994444

F : 01543 480676

E : enquiries@makers.biz

W : www.makers.biz

Makers Office Building 4,
Shenstone Business Park
Lynn Lane, Shenstone, WS14 0SB

Registered in England No: 6348341 Registered Office as above

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CASE STUDY

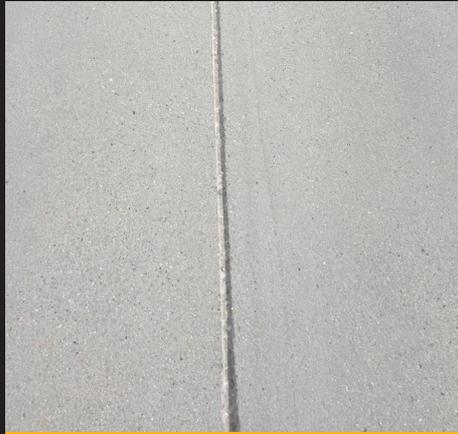
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Existing



Day Joint



Prepared Deck

The exposed reinforced concrete deck surface was prepared by captive blasting to remove surface laitance and contaminants, and any indentation repairs were carried out prior to the installation of Sika's fully reinforced car park top deck system (RB58 System). Parking bays and drive aisles were carried out in corresponding colours to provide fresh clean easy to maintain surface.

Sealant repairs were carried out to the concrete upstands and lamp columns ensuring that there were no splits around the base of the columns making them watertight.

Following completion of the wearing surface to the decks all Thermoplastic deck markings were applied in a suitable colour in keeping with the appearance of IKEA.



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