

CASE STUDY

Shopping Centre

Roof Refurbishment

MAKERS

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PROJECT

Lewisham Shopping Centre

STRUCTURE

Retail & Leisure Complex

CLIENT

Landsec

CONTRACT



Lewisham Shopping Centre, formerly Riverside Centre is a shopping mall of around 340,000 sq ft located in the heart of Lewisham, London. It offers a wide variety of products from 65 stores ranging from M&S, H&M, NEXT, TK Maxx, The Fragrance Shop, Sainsbury's and lots more.

The Shopping Centre is an amalgamation of various building types, with varying roof styles; from straightforward flat roofs to flat roofs with servicing plant and also steel sheet roofs.

The Mall was experiencing leaks through many of its varying roofs which serviced 6 of its many stores, but not all roofs required the same specifications.

Makers were assigned with eliminating the sources of water penetration into various units and restore to a wind and weathertight condition.

This project required scaffolding to facilitate work at roof level, and plant and vegetation with moss build up was removed. Existing mechanical plant located on the roof was reviewed and any redundant plant was removed by hoist/crane.



Before



Before

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Before



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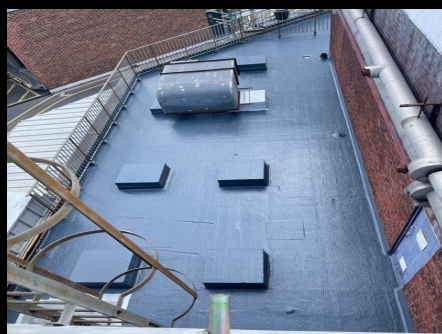
During

The Leisure Box Store had 3 different roofs and required the removal of pigeon droppings which necessitated treatment with biocide. Some plant on all 3 roofs were now obsolete and required break up and removal off the roof via crane.

The Argos store had 3 separate roofs which all needed varying specifications. Some roofs had previous patch repairs which were no longer providing a watertight system. One roof was fully stripped back to install a new insulated built-up Sikalastic 625N system and included 130mm flat Recticil insulation. The second roof was a combination of Asphalt and Metal substrates and required an overlay Sikalastic 625N System on the Asphalt. Also, Makers installed a Sikalastic 701 system on the final Argos roof.

The Next store had a metal roof which was prepared via high power water jetting to remove any deleterious materials. The removal of the existing single ply membrane from gutters was carried out along with grinding off and removing existing previous coatings in isolated areas. The metal sheet sides, end laps and bolt heads fixings were treated with an application of Sika Joint Tape SA, followed by Sikalastic 625 system including metal primer to gutters of 700mm girth, upstands, raised parapets/beams and all areas of main roof.

This complex and extensive roofing project, requiring different specifications, demonstrates Maker's familiarity with different waterproofing systems. This signifies our ability to adapt installations and processes to varying substrates and roof areas to offer the client the best solution to their roofing issues. This Shopping Centre project incorporated numerous different roof areas, that required specific adaptations to successfully strip or overlay each roof and install high-quality waterproofing system, warranted for 20-years.



After



After



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