



# SIKA AT WORK

## PARK ROYAL, WEMBLEY

ROOFING: Sika-Trocal Type S, Type SGmA, S-Vap 5000E SA and Sika-Trocal WBP

**Sika-Trocal®**



# PARK ROYAL, WEMBLEY



## PROJECT REQUIREMENT

Park Royal is a new build 115 bed care facility with an exposed top roof and a lower level communal terrace area. Logistically the site was very confined and consideration for access to get heavy materials to the roof five storeys up was challenging. Health and safety for the workers on site was also paramount.

## SIKA-TROCAL SOLUTION

On the exposed roof there were many penetration details such as Mansafe and PV Cabling to consider. We also had to ensure that any installations and waterproofing complied with BS 6229.

Throughout the build, the concrete deck needed temporary waterproofing, and Sika-Trocacal's S-Vap 5000E SA self-adhered vapour control layer was used as a solution.

Air tightness was also crucial for the design and subsequently the air test result exceeded Part L/J requirements as Sika-Trocacal's S-Vap 5000E SA had been used to seal joints and end laps.

Sika-Trocacal Type S single ply membrane in Slate Grey was installed on the exposed roof with a Sika-Trocacal WBP 2mm Brick Red Walkway. Type SGmA was used on the large terraced area, which was fully tested with an electronic leak detection test before ballast was overlaid. This was imperative as follow on trades were also present, which could have damaged the membrane. The test came back with no negative results and gave full confidence to proceed to lay the subsequent layers on top.

Ultimately the programme schedule was met and the project came in on budget despite some significant unseen additions later on.

## PROJECT PARTICIPANTS

**Contractor: White Roofing Services Ltd.**

**Client: Lawrence Baker Ltd.**

Images: Niall McLaughlin Architects.

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