

Sika at Work



Roofing

Case Study at Streatham Hill, London

Application Field: **Extensive Green Roof System, Inverted Roof System, and Decothane Gamma 20**





Project Requirement

This private residence in London was undergoing a major refurbishment project, which included converting the basement into a swimming pool. The existing lead work on the building was in poor condition and required some remedial work, and the roof area above the swimming pool also needed to be waterproofed. In addition the client had specifically requested a green roof for her new kitchen extension.

Sika Liquid Plastics Solution

An Extensive Green Roof System from Sika Liquid Plastics was specified for the project, along with a Decothane Gamma 20 waterproof system for the lead work and an Inverted Roof System over the basement swimming pool. Each of these systems incorporates a Decothane waterproof membrane - left uncovered on the lead work, completed with pavers for the inverted roof, and topped with a sedum blanket for the green roof system.

Sika Liquid Plastics' Green Roof System was chosen for the project because it provides a completely seamless waterproof membrane that is proven to resist penetration by even the most aggressive roots. The architect had previous experience of using Decothane and felt a seamless system was the only option where the waterproofing is to be buried. Decothane is also completely cold applied and BBA approved, and the completed roof systems are guaranteed for 25 years, with a 20 year guarantee on the lead work.

Project Participants

Size: 100m²

Contractor: London Roofing Ltd.

Client: Private Resident



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