



SIKA AT WORK

TEMPLE FARM DEVELOPMENT

ROOFING: SIKA SARNAFIL SARNAVAP 5000E SA, G410-15EL LIGHT GREY, LEAD GREY ON THE PERIMETER WORKS AND SARNAFIL G445-13 PROTECTION SHEET

Sarnafil®





SARNAFIL ON CLIENT'S MUST-HAVE LIST FOR PIONEERING TEMPLE FARM DEVELOPMENT

PROJECT REQUIREMENT

Ground-breaking in terms of sustainability and project management practices, Temple Farm Development was a large and challenging project operated under an NEC contract and BREEAM requirements.

A former scrapyard, this 34-hectare rural site in Chelmsford was developed into new national headquarters for the Watch Tower Bible and Tract Society of Britain.

As part of the final phase of what was a 5-year project, multiple roofs were required for the development's vast offices, residential blocks and bin and cycle stores.

Insistent on specifying Sika Sarnafil from the outset, the client conducted interviews with a number of local Sika Sarnafil Registered Contractors. Contour Roofing impressed with their culture and working methods and were hired for the mammoth job.

SIKA SARNAFIL SOLUTION

Working with Sika Sarnafil, Contour was heavily involved with the roofing's specification writing, design and planning from the get-go. With the original designs specifying aluminium capping and outside feature detail, Contour's revised plan saw the team value engineer this option using Sika Sarnafil Sarnametal and Single Ply Membrane – products that not only cut costs, but were more suitable for the job and covered by Sika Sarnafil's guarantee.

The roof build comprised Sarnavap 5000E SA, G410-15EL Light Grey, Lead Grey on the perimeter works and Sarnafil G445-13 Protection sheet.

Also helping to design bespoke details from Sarnametal Lead Grey for parapet and cladding details, the client was ecstatic with the savings Contour's specification advice made, as well as appreciating the flexibility, durability and aesthetics demonstrated by Sarnafil's products.

Alongside cost savings, under the NEC contract and BREEAM requirements, skilled workmanship, achieving the highest quality finishes and benchmarking were all key. Because of this, Contour worked closely with Sarnafil's technical department, who offered constant support, clarified details and provided any required evidence. This allowed the team to achieve the best ratings, while also providing a great learning opportunity for all.

On the environmental management front, Temple Farm was pioneering in terms of sustainability. A biodiverse green roofing system was installed, for example, above the Sarnafil membrane level on the residential blocks of the development, designed to boost the local flora and fauna. What's more, by specifying Sika Sarnafil Single Ply waterproofing systems, alongside excellent installation, Contour were able to help the client achieve the project's Outstanding BREEAM rating and a 0.10 U-Value.

The resulting roofs were impressive across the board; boasting excellent workmanship, clever design revisions and outstanding environmental credentials.

PROJECT PARTICIPANTS

Client: Watch Tower Bible and Tract Society of Britain

Main contractor: Watch Tower Bible and Tract Society of Britain

Roofing contractor: Contour Roofing (Essex) Limited

Project name: Temple Farm Development

Location: Chelmsford

Area: 112,500m² built development, 34-hectare site

Architect: Watch Tower Bible and Tract Society of Britain



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