



SIKA AT WORK

BERMONDSEY VILLAGE

ROOFING: Sarnafil G410-18EL in light grey, Sarnafil G410-15EL in light grey, S327-15EL in light grey and Sikalastic Liquid Applied Membrane

PROJECT PARTICIPANTS

Client: London Square
Contractor: Contour Roofing

Sarnafil®



BERMONDSEY VILLAGE



PROJECT REQUIREMENT

A stone's throw from South Bank, BREEAM certified London Square development, Bermondsey Village, is located at the corner of Lamb Walk and Morocco Street. The building's modern design reflects the eclectic and exciting architectural context of the surrounding area. A mixed-use new build, the scheme includes a number of luxury apartments with a communal garden area and balconies.

At one time, a roof was once seen only as a means of protecting a building from the elements. Now it is increasingly appreciated as a valuable space that can be utilised, which can in turn enhance a building's sustainability credentials.

Making the most of the space available, Bermondsey Village's roof area was designed with an accessible green roof for residents on the first floor, along with a green roof and brown roof at a higher level. These were chosen by the architect for their aesthetic value (as they could be seen from surrounding buildings and by residents), to assist with the disposal of rainwater and to help achieve a BREEAM rating.

Most importantly, the client wanted an 'all singing, all dancing' solution for the biodiverse, sustainable roof garden that would deliver superior performance and a flawless finish, in line with the luxury flats. Owing to this, aesthetics and quality were both critical considerations when choosing a roofing solution.

SIKA SARNAFIL SOLUTION

The roof was originally specified in hot melt. However, this product specification wasn't possible, as it wouldn't give the desired aesthetic finish required by the client and architect. Essex-based roofing contractor, Contour Roofing, suggested using Sika products for the job, as the project was complex and expansive, requiring expert advice and planning. Contour explained that Sika gives the best support to both contractor and client, and would be the ideal option.

It was a challenge to change the specification at a late stage but Sika and Contour worked in close partnership to provide a solution that met, and exceeded, the client's expectations.

Work was done to cover the main roof, balconies and podium over a carpark using a full warm ballasted system with Sarnafil G410-18EL Light Grey as the main roof sheet and Sarnafil G410-15EL Light Grey and S327-15EL Light Grey for the flashings. The design of the communal gardens was intricate and detailed, especially around roof lights, podium and upstands. Sikalastic Liquid Applied Membrane was used on some of the detail areas and the balconies, demonstrating the great compatibility between Sika's various roofing products. All work was finished to an extremely high standard, as was the aesthetic requirement of the client, achieving a 20 year guarantee from Sika.

Sky Garden, the UK's leading independent specialist company for green roofs and podium landscaping, worked with Contour and Sika, providing expert advice on biodiverse habitat creation and living roof design. Sky Garden provided technical support and information for the hard and soft podium landscaping, biodiverse habitat creation and green roof requirements, to ensure the systems met all BREEAM 'Very Good' certification, planning and client requirements for the project.

As a residential development, it was imperative for Sky Garden and Contour to complete the podium works to a very high standard so that new home-owners could move in to a welcoming 'green' environment, complete with amenity areas, communal seating, lawns, timber pergolas and established planting. Sky Garden worked closely throughout the project with partners at Contour Roofing, Sika and London Square, to ensure that the challenges of strict budget, tight programme and mid-London site with restricted access were all met successfully.

All work was completed in early 2015 and independently tested by Thornton Consulting to make sure it was of the highest quality, passing with flying colours.

London Square were very impressed with the finish on the Bermondsey Village building, commenting that the Sika Sarnafil solution looks visually stunning. The client was particularly pleased by the level of guarantees offered by Sika across the whole roof.



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