



SIKA AT WORK

PRINCESSHAY SHOPPING CENTRE, EXETER

ROOFING: Sika Sarnafil Sarnabar system with Sika Sarnafil S327-18EL in Lead Grey and Sarnafil G410-ELF

Sarnafil®



PRINCESSHAY SHOPPING CENTRE ROOF REFURB: GOING THE EXTRA MILE

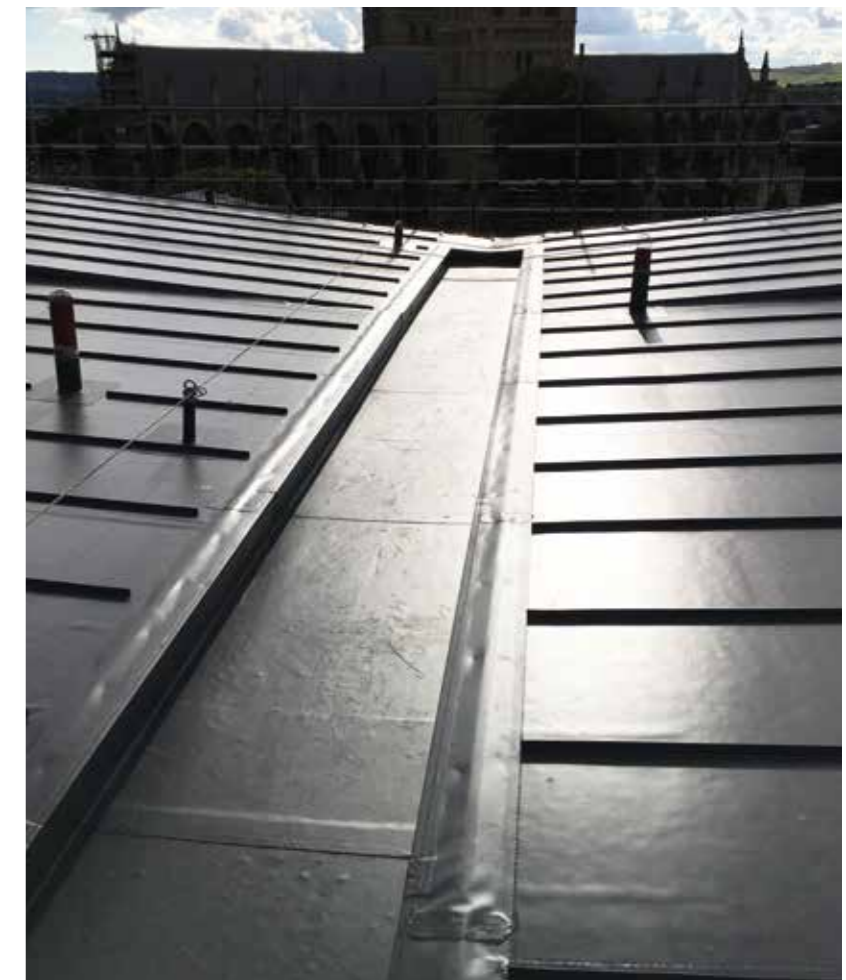


REQUIREMENT

The £230m Princesshay Shopping Centre, in Exeter, officially opened to the public in September 2007, as part of the city's biggest ever regeneration project, with over 70 shops, cafés and restaurants.

The roof of the centre, installed when the building was constructed, had caused various problems throughout its life. A foldable aluminium system with a traditional zinc finish, the product had not provided sufficient waterproofing since day one and, 10 years on, needed to be replaced.

Princesshay required a solution that would offer longevity and peace of mind for many years to come, as well as fitting in with the aesthetics of the city centre. In addition, any work on the roof would need to be carried out quickly, and without disruption to shoppers and businesses below.



PRINCESSHAY SHOPPING CENTRE, EXETER



SIKA SARNAFIL SOLUTION

Wishing to ensure roofing works were completed before the busy Christmas period, building consultancy, Workman LLP, recommended the Sarnafil Plus package, aware of its great reputation in the industry. The Sarnafil Plus team offered the client a trusted roofing product, supported by its Technical team and a fully trained contractor, backed by a solid 20 year guarantee.

Workman LLP worked on the specification for the roof, with support from Sarnafil Plus, undertaking the initial survey and assessing the client's requirements. Blocks K, G and H required refurbishment, an area of around 1,500m².

A Sarnabar system in Lead Grey was chosen, with a T fleece between the composite deck and the mechanically fastened Sarnafil S327-18EL membrane. On a smaller roof with a plywood deck, Sarnafil G410-ELF, an adhered system with a fleece backing, was specified.

It was important to emulate the previous zinc roofs, as they matched neighbouring buildings and are in keeping with the city's history. To achieve this, Sarnafil Plus recommended the roof was designed with décor profiles, making it look exactly like zinc, while benefitting from the durability of a Sika Sarnafil membrane.

Western Flat Roofing, a Sarnafil Registered Contractor, was tasked with the installation of the system. The Western Flat Roofing team, consisting of six fitters, removed the zinc roof and attached the new, fully welded covering. At 17 meters above ground, with a busy shopping precinct below, the roof installation was by no means a simple one.

The Princesshay roof included mesh vents that had to be worked around rather than covered over, to ensure there were no issues with condensation in the roof cavity below. Interfaces with vertical zinc sections of the roof called for Sarnametal trims with a Sarnaplast seal to the zinc, creating a completely watertight bond.

By far the most impressive part of this project is the speed in which it was carried out. Initially scheduled to take 14 weeks to complete, Princesshay required a faster turnaround to make sure that the Christmas shopping period would not be adversely affected. Unfortunately, the terrible fire in Exeter city centre happened part way through the works, meaning that installation had to go on hold for a week. There was a worry that hot ash from the fire may have damaged the new roof, so to put the client's mind at rest, Sarnafil Plus extended the guarantee to cover it, and took samples of the membrane. Fortunately, there was absolutely no damage.

In an impressive demonstration of team work, Western Flat Roofing and Sarnafil Plus pulled out all the stops, and the project took 13 weeks in total to complete, with nine weeks spent on the roof covering, and the remainder on scaffold erection and striking. During the installation, Sarnafil Plus made more than seven site visits to support the contractor and ensure everything was running smoothly.

Once works were finished, Sarnafil Plus conducted a final inspection, in order to issue the guarantee. More than just the icing on the cake, the Sarnafil Plus single point guarantee is a crucial part of why clients choose the service. With virtually zero disruption to shoppers, the project was a great success and the client has peace of mind thanks to the Sarnafil Plus service.



SIKA LIMITED

Sika Sarnafil,
Watchmead,
Welwyn Garden City,
Hertfordshire, AL7 1BQ

Contact

Tel 01707 394444
Fax 01707 329129
Email sarnafilroofing@uk.sika.com
www.sarnafil.co.uk

PROJECT PARTICIPANTS

Client: Princesshay Shopping Centre
Roofing Contractor: Western Flat Roofing Co Ltd
Main Contractor: Morgan Sindall
Building Surveyor: Workman LLP
Size: 1,500m²

Sarnafil®

