



# PHARMACEUTICAL FACTORY, NORTHUMBERLAND

ROOFING: Sika Sarnafil HD System





# ROBUST ROOF FOR PHARMACEUTICAL FACTORY

## PROJECT REQUIREMENT

A Northumberland-based pharmaceutical factory has benefitted from a number of recent investment programmes, and is now a centre of excellence for worldwide supply.

During renovation work within the facility, a four-year-old roof began to leak. It was essential to replace the system with a long-lasting solution that would protect the upgraded area below it.

The roof area in question had ventilation units, extraction units, and other rooftop plant, and required frequent access for maintenance activities. As a result, a robust roofing system was required that could withstand frequent foot traffic.

## SIKA SARNAFIL SOLUTION

Main contractor, Tolent Construction, reviewed several contractors, and opted for Sarnafil-approved contractor, John Flowers, as they had previously worked well together on the high profile Newcastle Regent Centre project. Sarnafil membrane was chosen, based on confidence gained in the brand, the technical information available, and the support Sarnafil had provided to John Flowers during previous collaborative projects.

Prior to installation, Sarnafil conducted a site visit to assess requirements, and take core samples of the existing single ply roofing system. The result was the recommendation of a simple, but robust solution – Sarnafil HD.

The Sarnafil HD system was selected based on its ability to withstand the rigours a roof often faces, both during installation, and throughout its service life. This is backed by Sarnafil's unrivalled technical support, which had been demonstrated during previous projects.

The Sarnafil HD system combines the thickest Sarnafil single ply membrane available – 2mm – and the most robust high-density insulation board – SarnaTherm HD – for an incredibly resilient single ply roof. In this case, the Sarnafil HD system was mechanically fixed to the existing roofing system. The new roof came with a Sarnafil Plus 20-year guarantee, for added peace of mind.

Strict Health & Safety measures had to be adhered to throughout the project, in accordance with the client's stringent requirements.

With a large quantity of plant situated on the roof, John Flowers had to tackle some small and restricted areas. Tolent Construction provided support in this respect, by raising and putting in temporary supports under pipework, making it possible for the two fitters to install full sheets of the roofing system, rather than patches, therefore improving the efficiency of the project.

Diligence and teamwork saw the system installed seamlessly, without deviating from Health & Safety regulations. John Flowers completed the installation within the pre-agreed six-week programme, executing detailed work around obstacles, while achieving the highest finish.

The client was delighted with the finished result: a robust roof that will serve to protect high-tech machinery, and withstand foot traffic for many years.

## PROJECT PARTICIPANTS

**Roofing contractor: John Flowers Ltd**

**Main Contractor: Tolent Construction Ltd**

**Location: Northumberland**

**Size: 500m<sup>2</sup> (isolated area)**