



CASE  
STUDY

**Triflex**

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ROOF WATERPROOFING  
LEWISHAM, LONDON

# FORSTER PARK PRIMARY SCHOOL

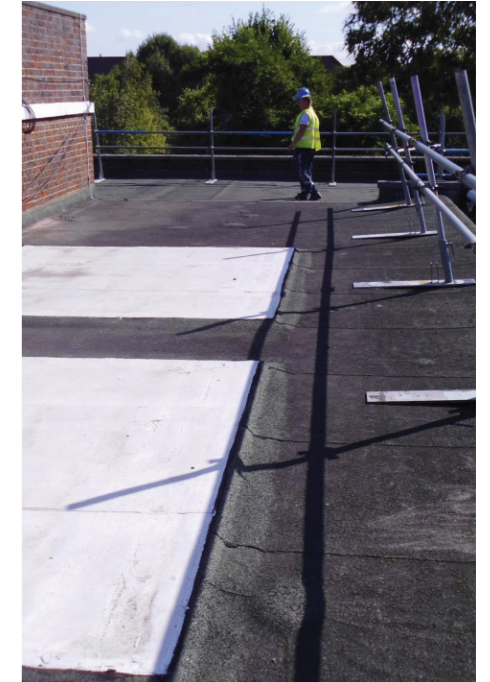
**Area**  
500m<sup>2</sup> main roof  
**Systems**  
Triflex ProTect®

**Authorised Contractor**  
Single Ply Services Ltd.

# The challenge

Located in Lewisham, South East London, Forster Park Primary School has an excellent reputation locally and is recognised for providing it's pupils with the highest standard of education. The successful primary school educates over 450 pupils from the local area and is dedicated to providing the children with a safe, happy and respectful learning environment to allow them to reach their full potential.

In 2014, the school looked to improve the security and aesthetics of their facilities by implementing extensive building and refurbishment works. The large scale renovation included the complete overlay of the school's 500m<sup>2</sup> lower roof which was originally overlaid in an SBS felt. The roof had reached the end of it's serviceable life and was experiencing water ingress, which if allowed to continue had the potential of causing structural damage to the entire building and potential health and safety risks to the school, the pupils and staff.





# The solution

Due to strict health and safety regulations, the school prohibited the use of hot works during the roof refurbishment, therefore Triflex ProTect, a simple and single process application was specified. The system's excellent adhesion properties and compatibility with a wide range of substrates, including almost all single ply membranes, glass and plastics, meant that the existing membrane could be overlaid, minimising the risks and costs associated with removal. The system also allowed for all roof penetrations, including rooflights, to be fully waterproofed.

The Triflex Approved Installer, Single Ply Services (SE) Ltd were asked to complete the works during the school's summer holiday, however due to the rapid cure times and the simple, cold application of Triflex systems, work could have also been carried out during term time. The combination of excellent time management from Single Ply Services and the exceptionally fast cure times of the PMMA resin-based system Triflex ProTect, meant that works were carried out efficiently, meeting all deadlines.

# Triflex

Delivering solutions together.

Triflex is the leading European specialist in cold liquid applied resins. Our high-quality systems provide reliable and lasting waterproofing, surfacing, protection and markings for roofs, walkways, balconies, terraces and car parks. We are a family owned and operated company that provides individual solutions worldwide. From our production facilities based in Minden, Germany, we have been researching and developing solutions designed to protect and repair the built environment for more than 40 years.

From our UK headquarters based in Stone, Staffordshire we pride ourselves on providing our clients with tailored solutions and exceptional levels of service and support throughout all stages of their project. From conducting in-depth site surveys, to our comprehensive testing and off-site and on-site support, we ensure that your project is completed on time and to the highest standards. All Triflex solutions are certified to the highest standards and are backed up by long term meaningful warranties ensuring peace of mind.

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## System benefits Triflex ProTect®

- Totally cold applied, with no risk from hot works
- Compatible with virtually all roof substrates
- Suitable for all roof build-ups and applications
- Exceptionally rapid curing / rainproof times, even at low temperatures
- Fully reinforced waterproofing technology
- Suitable for zero pitch, completely flat and pitched roofs
- Simple, single process waterproofing application
- Hydrolysis (standing and ponding water) resistant

