



CASE
STUDY

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FLAT ROOF REFURBISHMENT
BECKTON, EAST LONDON

JOHN F. KENNEDY SCHOOL

Area
1,200m²

Systems
Triflex Cryl Paste
Triflex ProTect®
Triflex ProDetail®

Authorised Contractor
Weatherproofing Advisors Ltd.

Scope of work
Refurbishment of failed flat
roofing system

The challenge

The summer school holidays are the ideal time for education facilities to complete renovations and refurbishments. In August 2018, the John F Kennedy School in Beckton, East London, took full advantage of their school holiday by completing a 1,200m² roof refurbishment.

The roof had previously been waterproofed using a traditional felt waterproofing system, which overtime had developed blisters and had delaminated at lap joints. This had allowed water to enter the classrooms below.

Felt waterproofing systems are a more traditional method of waterproofing and require the use of hot works for installation, which can pose a greater risk to the building and its occupants.

Considering these factors Triflex Authorised Installers Weatherproofing Advisors Ltd. recommended that a cold liquid applied system be specified, posing no risk from hot works at all stages of the installation. The school outlined that the solution must be as cost effective as possible and would need to be completed within a 2-week time frame.





The solution

Weatherproofing Advisors Ltd. felt that Triflex was the ideal solution and should be specified for this project due to both the reliability of the systems and their trust in the products and systems.

Prior to installation it was necessary to cut out all blisters, level and repair the areas with Triflex Ceryl Paste. Thankfully, due to the exceptionally dry weather during the summer any exposed areas of the roof that had previously been prone to leaks had thoroughly dried out. This allowed for the areas to be primed and the substrate to be directly overlaid.

Triflex ProTect and Triflex ProDetail were specified providing a tough, durable and seamless waterproofing solution to the entire roof area and details, including pipes and penetrations. Both systems are highly compatible with virtually all roofing substrates, making them ideal for overlay, and allowing the system to be installed quickly. This removes the costs of removal and minimises waste, providing significant cost savings.

Being cold applied, rapid curing and installed by expert Authorised Installers allowed the installation to be completed well within the required time frame. And, will protect this school roof for years to come.

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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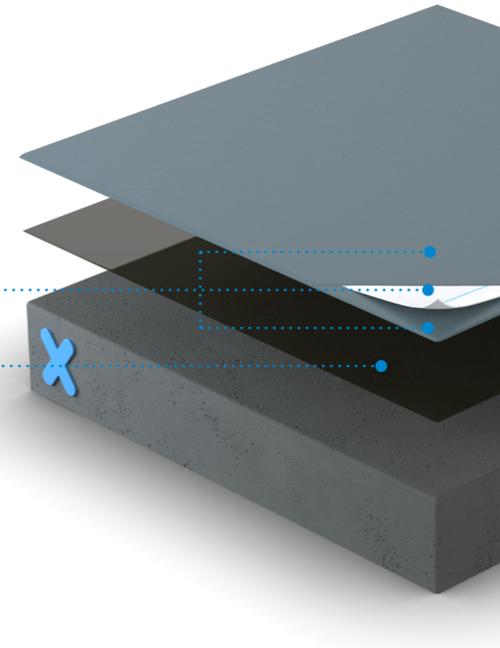
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System benefits Triflex ProTect®

- 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

Waterproofing (single process)

Primer (if required)



System benefits Triflex ProDetail®

- Waterproof down to the smallest detail
- Compatible with virtually all substrates including asphalt
- Cold applied, fast curing with rapid installation
- Simple, single process waterproofing application
- Rapid curing system - even at low temperatures
- Fully reinforced technology
- Certified to the highest standards

Waterproofing (single process)

Primer (if required)

