



# Triflex

Delivering solutions together.

ROOF REFURBISHMENT AND WALKWAYS  
EDINBRUGH

## WAVERLEY STATION

CASE  
STUDY

Area  
2,800m<sup>2</sup>

System  
Triflex ProTect®

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# Introduction

Edinburgh's Waverley station is located in the heart of the city. The Victorian station was first opened in 1846 and is noted for its impressive roofs and glass dome. Its listed building status illustrates its architectural and historic interest.

## The challenge

A Triflex cold, liquid applied seamless waterproofing solution was specified to overlay the existing mastic asphalt roof areas. The area included work over station offices and smaller roofs over plant rooms, lift shafts and the retail concourse with its glass cupola. A section of the roof also lies beneath the North Bridge that carries traffic over the station building.

The shelter beneath this bridge and the heat generated by the air conditioning, made it popular with roosting pigeons, which resulted in a heavy deposit of guano.





# The solution

Prior to the overlay, the asphalt was sanitised to remove the guano prior to the commencement of any works. Preparation and overlay of the mastic asphalt substrate coincided with a reminder that winter was yet to leave Scotland. The next few weeks saw snow, sleet, rain and strong winds which served to hinder progress.

Triflex ProTect is rainproof in just 30 minutes and cures quickly, even at 0°C. This enabled works to continue throughout the winter, despite the cold weather conditions. The sheltered roofs beneath the North Bridge provided substantial shelter in which to work during the very worst of the weather.

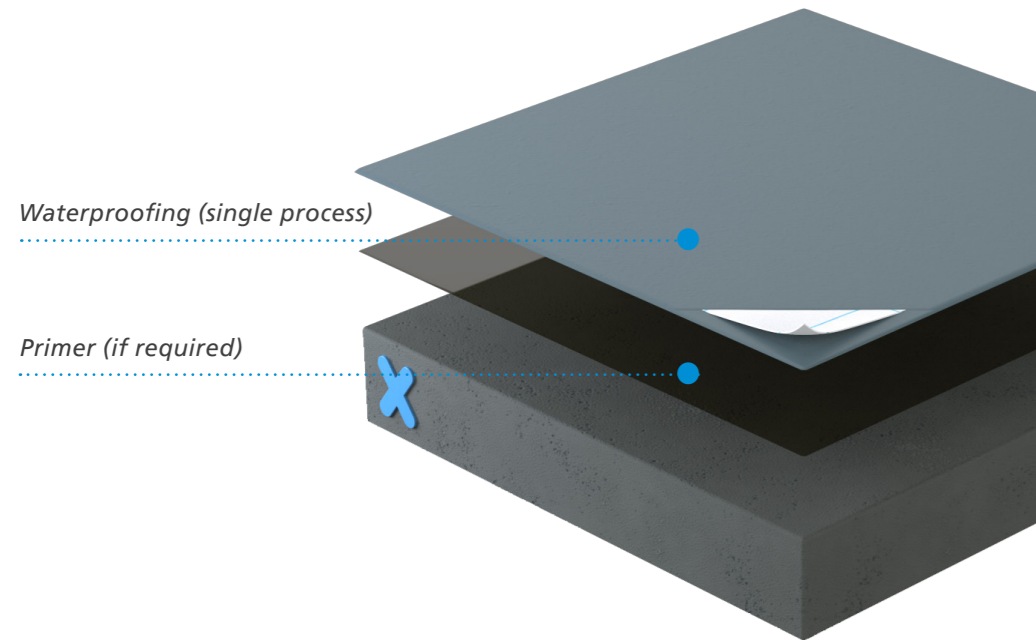
The Triflex solution incorporated Triflex anti-slip walkways for maintenance traffic with walkways clearly defined by colour for safe passage.

Following a suspension to work during the summer period, the total roof area of 2,800m<sup>2</sup> was completed in the autumn, to the satisfaction of all parties.

## System benefits

# Triflex ProTect<sup>®</sup>

- 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



# Triflex

Delivering solutions together.

Triflex is the leading European specialist in cold liquid applied waterproofing, surfacing and marking resins. Our high-quality systems provide reliable and lasting waterproofing, surfacing, protection and markings for roofs, walkways, balconies, terraces, car parks, roads and infrastructure.

We are a family owned and operated company that provides tailored 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 and Ireland 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, expertly. Triflex solutions are certified to the highest standards and are backed up by long-term meaningful warranties, ensuring peace of mind for years to come.

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