



Triflex systems:  
Triflex BFS

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Delivering solutions together.

# ROYAL HOLLOWAY COLLEGE

SURREY, LONDON

Walkways waterproofing and surfacing

WALKWAYS | BALCONIES | TERRACES





The challenge

# ROYAL HOLLOWAY COLLEGE SURREY, LONDON

Royal Holloway College, University of London, built in 1881 has found itself to be the focal point of the entire university and holds the offices for three academic departments, the main administrative offices and the student halls of residence accommodation comprising of over 470 rooms.

In September 2010, a solution was required that could provide completely watertight protection to the existing cantilevered walkways of the North and South Quadrangles; the aesthetics of the Gothic revival style building also needed to be maintained.





# ROYAL HOLLOWAY COLLEGE SURREY, LONDON

A solvent-free, cold liquid applied waterproofing and surfacing solution, **Triflex BFS**, was specified to overlay the aged asphalt substrate of these areas. The failing asphalt walkways also had cracks running across their width, which were overbanded with a fully reinforced solution prior to the application of **Triflex BFS**.

Following preparation and priming, the waterproofing and surfacing solution was applied with a coloured anti-skid surface finish, which together with its exceptional durability and outstanding substrate compatibility, offers low slip potential in line with HSE guidance.

The Founder's Building is busy during both term-time and holidays, but through the use of the totally cold applied, rapid curing **Triflex BFS** system, disruption was kept to a minimum.







The solution

# TRIFLEX BFS

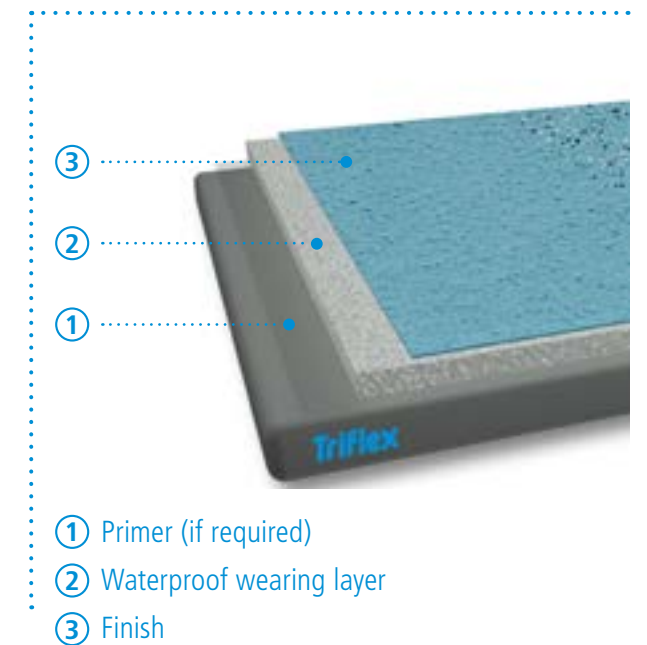
**Triflex BFS** is a thick layer waterproofing and surfacing system for cantilevered walkways, balconies and terraces. The totally cold applied, flexible system is based on Triflex technology and has a track record of more than 20 years.

With rapid curing times and compatibility with almost all substrates (including asphalt), the system fulfils the optimum combination of functional and aesthetic requirements; the system is able to be used successfully for the waterproofing and surfacing of both new build and existing structures.

The client has a wide choice of finish options, with the system available in a wide range of surface finishes, surface textures, and over 50 system colours.

## System benefits

- Totally cold applied, with no risk from hot works
- Exceptionally rapid curing / rainproof times, even at low temperatures
- Abrasion and impact resistant
- Anti-skid / anti-slip
- Tough and durable
- Wide range of colour, texture and design options
- Compatible with a wide range of substrates - including asphalt
- Hydrolysis (standing and ponding water) resistant
- Suitable for refurbishment and new build project







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## PROJECT INFORMATION

**Project:** Royal Holloway College  
**Location:** Surrey, London  
**System:** Triflex BFS  
**Contractor:** Mulberry Roofing Supplies Ltd

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**Triflex**

Europe's leading specialist manufacturer of cold liquid applied waterproofing, surfacing and protection systems.

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