

JOHN MURRAY BUILDING

James Hutton Road, Kings Buildings, Edinburgh, EH9 3FE

INFORMATION

TOR coating system used:

ELASTASEAL Z

Category:

Roofing

Sector:

Education

Guarantee:

20 Years

Coverage Area:

750m²

BACKGROUND

A laboratory of the University of Edinburgh's school of Geosciences, the John Murray Building had suffered leaks for a few years and was in need of a solution to make the space safe, weatherproof and usable for students, staff and visitors.

1

FREE SITE SURVEY

Before the correct coating system could be specified, Tor Coatings carried out a comprehensive free survey of the site to ensure every aspect of the project was clearly understood and all defects were documented thoroughly.

2

PROJECT SPECIFICATION

The building has a flat roof which overlaps onto the roof of the neighbouring March Building - which was refurbished by Tor Coatings in 2024. The gutters were found to be saturated and stripped back to the original deck.

Elastaseal Z 20 was specified as it offers long-lasting waterproof protection and fast application - requiring minimal downtime for this busy educational facility.

3

INSTALLATION

The works were carried out by B&D Roofing and Building. Torval VCL, 80mm Tortherm insulation and Torvap carrier membrane were both fitted. The new Elastaseal Z 20 system was then applied over both the new and old surfaces. A new anti-skid walkway was also installed to enhance site safety.

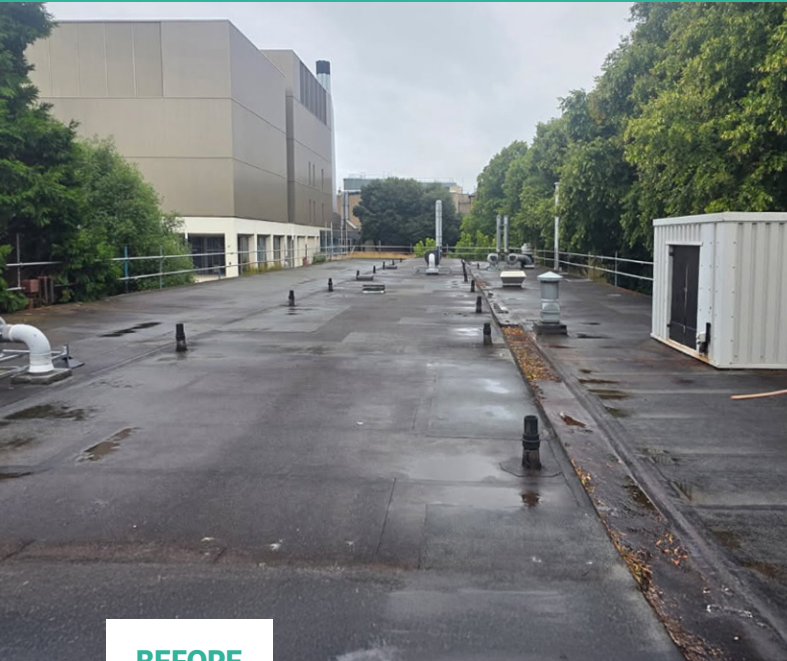
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CONTINUED SUPPORT

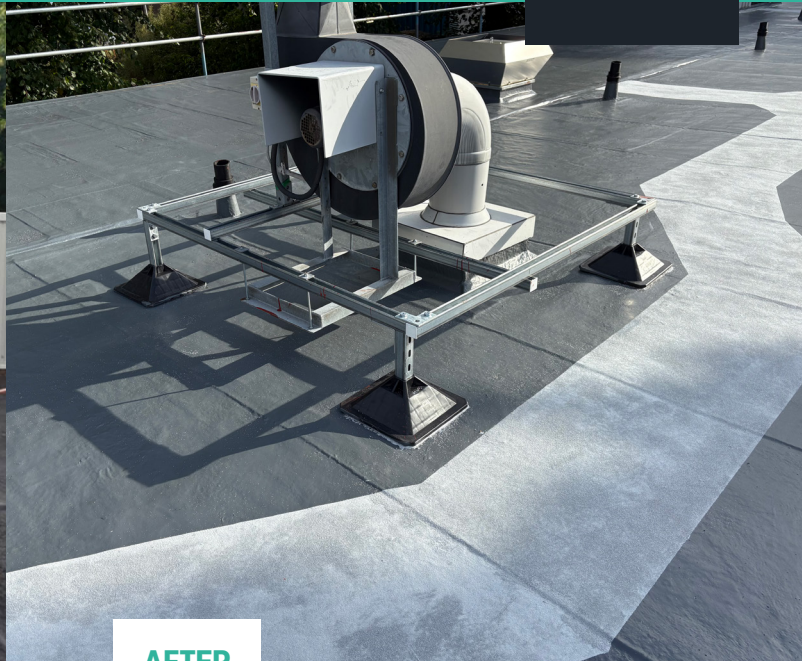
Following project completion, a final inspection was carried out. Elastaseal Z 20 comes with a 20-year guarantee and following its first year inspection, subsequent site inspections will take place after 5, 10 and 15 years.

For more information and further case studies please visit www.tor-coatings.com

To speak to a member of the sales team call 0191 4106611 or email marketing@tor-coatings.com



BEFORE



AFTER

ELASTASEAL Z

KEY BENEFITS:

- Cold liquid applied - no hot works on roof
- Safe to install - unobtrusive repairs
- Easy to apply and detail
- Compatible with most existing roof membranes
- No need to remove serviceable existing membranes, minimising landfill waste and building remains protected during installation.
- 10, 15, 20 and 25 year systems available
- Elastaseal Z low odour option (up to 30 year systems)
- British Board of Agrément (BBA) approved
- Permanently elastomeric and seamless
- Excellent resistance to ponded water
- Fibre reinforced for maximum film strength
- Easy to maintain - excellent through life costings as system can be re-applied at end of serviceable life

TYPICAL BUILD-UP OF THE ELASTASEAL Z SYSTEM

- A** Prepared existing roof substrate
- B** Elastaseal Z embedment coat with Elastamat™ glass fibre reinforcement
- C** Elastaseal Z top coat
- D** Additional Elastaseal Z top coat (for 30 year systems)

