

GRANT INSTITUTE

Kings Buildings, Edinburgh University, Edinburgh EH9 3JW

INFORMATION

TOR coating system used:

ELASTASEAL Z

Category:

Roofing

Sector:

Education

Guarantee:

20 Years

Coverage Area:

900m²

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

BACKGROUND

The university campus building roof had originally been constructed with an asphalt surface, which was later overlaid with a single-ply membrane several years ago. However, the roof began experiencing issues with water ingress, prompting the client to seek an upgrade to the roof covering.

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 client sought a solution that was not only cost-effective but also easy to apply and caused minimal disruption to the building's operations. After careful consideration, the Elastaseal Z20 coating was chosen as the ideal option for the overlay project. Its durability, efficiency, and suitability for seamless application made it the perfect choice to meet the client's needs and expectations.

3

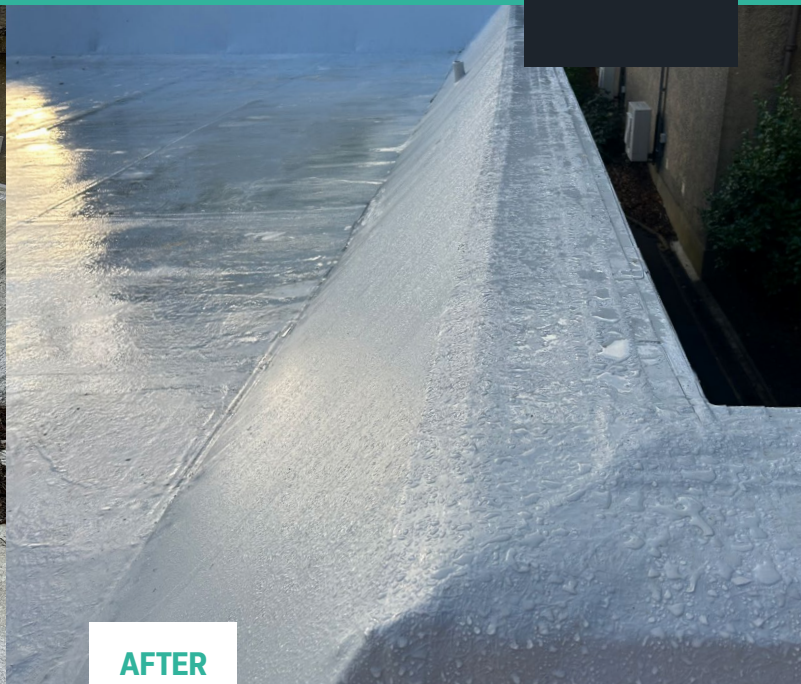
INSTALLATION

The works for this project were completed by the Tor-approved contractor, B&D Roofing Ltd. Before installation began, the entire roof area was thoroughly power-washed, and Torkil cleaner was applied to prepare the surface. Adhesion tests were then conducted, confirming that the roof had good adhesion for the Elastaseal Z solution. This allowed the coating to be applied directly to the single-ply membrane, eliminating the need for removal and disposal. As a result, the project minimised landfill waste and reduced disruption to both the site and the students using the building.

4

CONTINUED SUPPORT

Elastaseal Z comes with a 20 year guarantee and Tor Coatings will conduct site visits in the 1st, 5th, 10th, and 15th years after project completion to inspect the integrity of the membrane.



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)

