

For every building surface inside and out, we've got it covered.



Sutton Coldfield, Warm Roof

Lower Parade, The Parade, Sutton Coldfield

Information

Tor Coating system used:



Category

Roofing

Guarantee

15 years

Coverage area

130m²

Background

Our client had been having issues with leaks on their flat roof surrounded by pitched roofs (which also required work). Water ingress meant that the existing insulation had become wet, so this had to be completely removed. Our client required improvement to U Values for the roof to meet current Building Regulations.

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

Elastaseal Z Warm Roof was selected as this solution provides long-term waterproofing and a thermal upgrade to comply with building regulations Part L. We also specified 130mm square edge tissue faced PIR boards to meet the client's U-value requirement.

3

Installation

Installation was carried out by the T&D Group. Once the existing waterproofing and insulation were stripped due to water ingress, the TorVap self adhesive Vapour Control layer was installed and the Foaming Insulation Adhesive was used to secure the new insulation boards. TorVap was then used as a carrier membrane, prior to the Elastaseal Z system being installed.

4

Continued Support

The roof will be inspected at 12 months after completion, and then every 5 years after that.

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

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Embedment



Topcoat

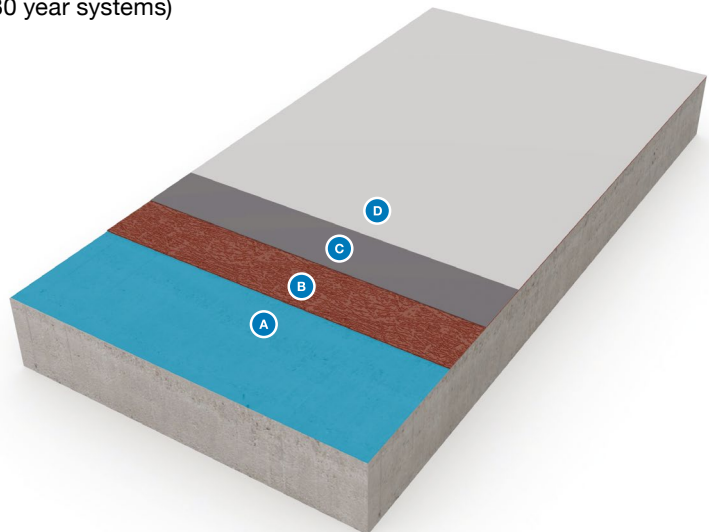
Elastaseal Z

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)



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