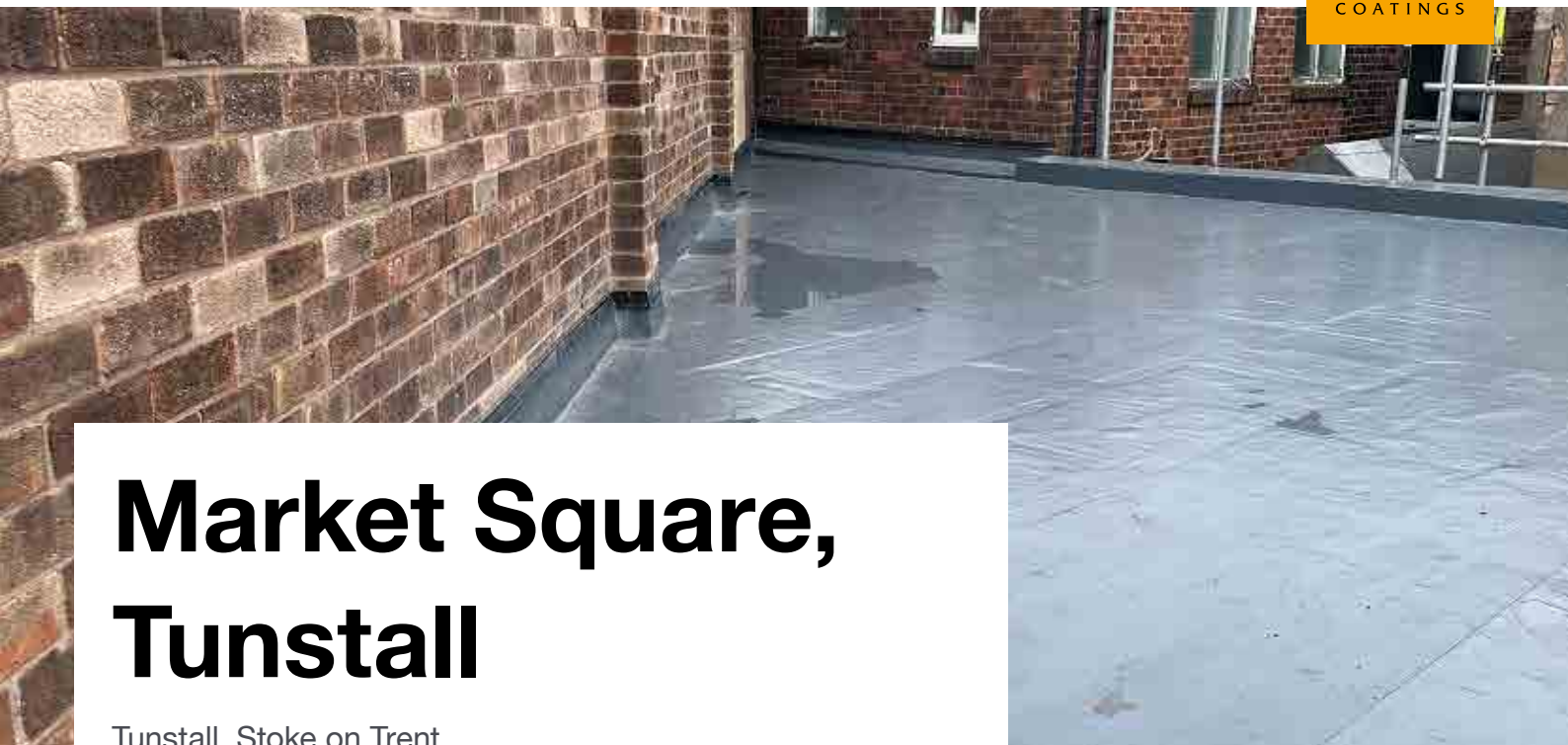


For every building surface inside and out, we've got it covered.



Market Square, Tunstall

Tunstall, Stoke on Trent

Information

Tor Coating system used:



Category

Roofing

Sector

Finance

Guarantee

15 years

Coverage area

120m²

Background

A tired, leaking roof gets a new lease of life! The roof itself was in bad condition, with poor detailing, deficient U-values and various leaks. The client wanted to stop the leaks and also improve the U-value of the building, as well as the detailing on the roof such as the upstands.

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 Elastaseal Z Warm Roof system was specified for this project, incorporating PIR Insulation over a new deck. TorVap was used as the vapour control layer and the carrier membrane, finished with the Elastaseal Z 15 Year waterproofing system. As well as a new deck, a new perimeter upstand detail was built, which was also waterproofed with the Elastaseal Z System.

3

Installation

The project was carried out by T&D Group with site support from the Tor sales and technical service team. In preparation for the application of the Elastaseal Z system, a new timber deck was installed with a TorVap Vapour Control Layer and then 130mm PIR Insulation with TorVap Carrier Membrane was applied. A bitumen primer was applied to the insulation boards prior to the carrier membrane being installed. Access to the roof was not easy, so two different scaffold schemes were used to ensure the work could be carried out safely and efficiently.

4

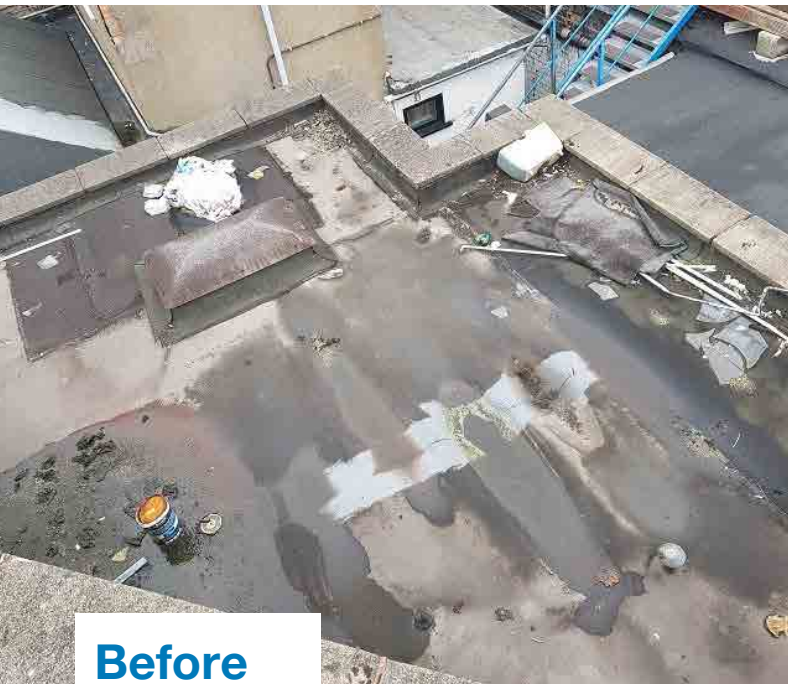
Continued Support

The 15 year warranty requires a 12 month inspection to ensure the Elastaseal Z coating system is performing as expected. Inspections will then be carried out every 5 years after that.

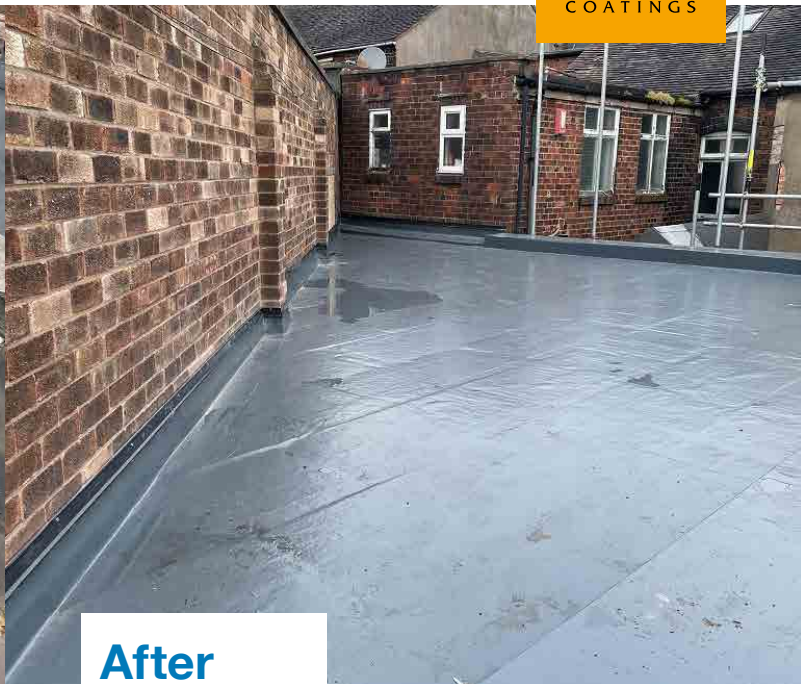
For more information and further project profiles please visit www.tor-coatings.com

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

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Before



After

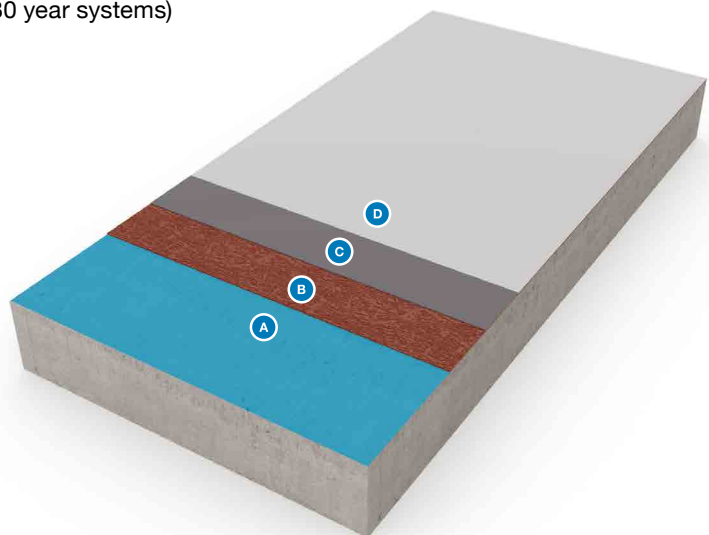
Elastaseal Z

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)



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