

# THE QUEENS CLUB

Courts 7 & 8, Palliser Road, London W14 9EQ

## INFORMATION

TOR coating system used:

**ELASTASEAL Z**

Category:

**Roofing**

Sector:

**Sport**

Guarantee:

**20 Years**

Coverage Area:

**1600m<sup>2</sup>**

## BACKGROUND

Established in 1886, The Queen's Club is the first multipurpose sports complex to have been built anywhere in the world. Over the last two decades, Tor Coatings has partnered with The Queen's Club to maintain and preserve this historic sporting venue. The site, in central London, comprises a number of buildings of varying history and architectural design. Over the years, a variety of Tor Coating systems have been applied to repair, waterproof and protect flat roofs, pitched roofs, gutters and balcony areas - offering innovative, long-lasting protection whilst safeguarding original features.

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

As part of a commitment to minimise their impact on the environment, The Queen's Club took the decision to install solar panels to the roof areas of Courts 7 and 8 as well as the indoor court roof. This move to renewable solar energy will reduce both energy consumption and CO2 emissions. To ensure the solar panels operate at maximum efficiency, before their installation Tor Coatings was commissioned to conduct a thorough survey and develop a bespoke specification to enhance thermal efficiency.

3

### INSTALLATION

Following the cleaning of the roof area, the insulation was securely affixed using both chemical and mechanical methods to ensure a robust installation. RTM worked closely with Tor Coatings and the solar panel installation team to guarantee that the new roof system for Courts 7 and 8 was seamless and fully watertight. Simultaneously, work took place to enhance the roof of the indoor courts, which had already been treated with the Elastaseal Z system. Topping up the liquid-applied system to the existing membrane improved waterproofing and ensured the best possible thermal performance ahead of solar panel installation.

4

### CONTINUED SUPPORT

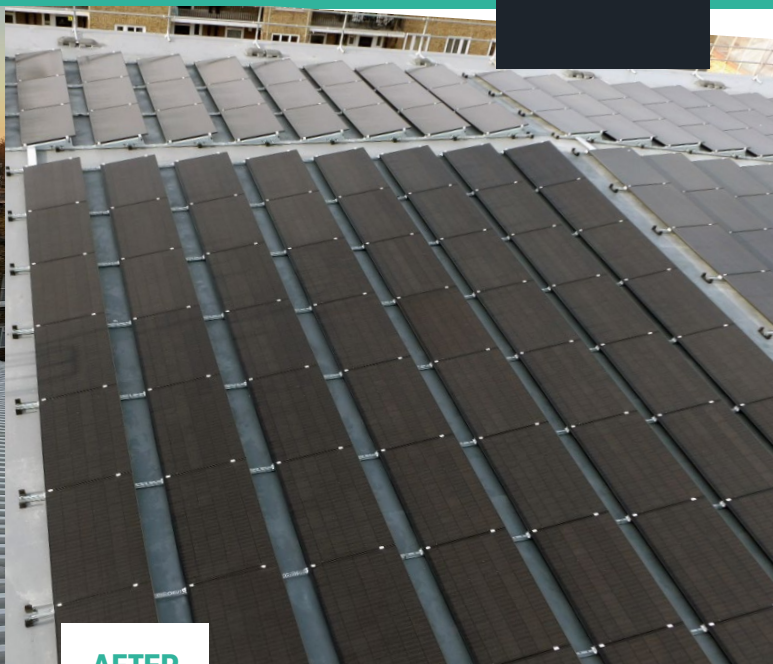
Elastaseal Z comes with a 20 year guarantee. We will be carrying out annual inspections for the roof areas to maintain the best waterproof and thermal performance. Through reduced energy usage and related costs, The Queen's Club anticipates recovering their capital investment for the solar panels within a three-year timeframe.

For more information and further case studies please visit [www.tor-coatings.com](http://www.tor-coatings.com)

To speak to a member of the sales team call 0191 4106611 or email [marketing@tor-coatings.com](mailto: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)

