



# Proteus Waterproofing

## Case Study: Proteus Pro-System®

### Roof Guttering, Highbury Square, London



#### Project Brief:

Arsenal's Highbury stadium in North London had 93 incredible years of footballing history but when it closed for good in 2006 the club's former home was transformed into luxury flats, the pitch turned into a communal garden, and the impressive Grade II listed East and West Stand façades preserved and incorporated into the new development.

As part of refurbishment works in 2017 carried out by the licensed contractor, the metal gutters on the East Stand development were found to be leaking and damaging the art deco façade. To prevent further leaks and damage, Proteus Waterproofing was appointed to provide a fast, reliable and high quality solution which would extend the life to the gutters. Monodex Smooth was specified to repair and protect the façade due to its ability to breach hairline cracks and long life expectancy.

#### Key Requirement: Quality control

Proteus Waterproofing worked in close partnership with the licensed contractor and provided input on the gutter detailing, as the original single ply installation had failed due to poor detailing. This collaboration ensured the project was

successfully delivered to a very high standard. The external walls are now protected by Monodex Smooth, a high performance, elastomeric and decorative coating which provides protection against carbonation and water ingress, yet allows damp substrates to breathe.

#### Key Requirements: Health and safety

When working on roofs, safety and minimal disruption are always of utmost importance. As Proteus Pro-System® is cold installed, it meets all health and safety criteria for buildings and minimises risk of fire. The low odour, low noise application of Proteus Pro-System® also allowed the licensed contractor to carry out the works without disruption to residents.

#### Key Requirements: Long term performance

Proteus Pro-System® offers a low maintenance, durable waterproofing and protection solution to a range of buildings. Proteus Waterproofing roof systems come in a range of 10, 15, 20 and 25 year options.

Proteus Monodex Smooth decorative coating offers 10 and 15 year durability options before its first major maintenance.

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