



# Proteus Waterproofing

## Case Study: Proteus Pro-System® Plus

### Roof Refurbishment, Mandarin Oriental Hotel, London



#### Project Brief:

The Mandarin Oriental Hotel, one of London's most celebrated five-star hotels required refurbishment works due to previous damage on the courtyards and roof. The client requested a cold applied liquid waterproofing system, that would reduce the risk a flame torch would pose. **Proteus Pro-System® Plus**, a seamless cold applied membrane was specified to overcome these issues.

#### Key Requirements: High Performance Waterproofing

Due to the vast amount of complex detailing **Proteus Pro-System® Plus**, a cold applied, liquid waterproofing system was applied. As an overlay system noise was kept to a minimum therefore guests at the hotel were unaware of the installation and day to day operations were unaffected. **Proteus Waterproofing** worked closely with the **Proteus Approved Contractor** to ensure the project was completed to a high standard.

#### Key Requirements: Health & Safety

When working in residential areas, such as hotels, it is crucial that disruptions are kept to a minimum. As **Proteus Pro-System® Plus** is low odour and cold installed, it met all health and safety criteria needed to work on this occupied building, whilst meeting the highest European fire rating, **BroofT4** ensuring the risk of fire was minimised.

#### Key Requirements: Long Term Performance

**Proteus Pro-System® Plus** offers a low maintenance, durable waterproofing and protection solution for a range of new build and refurbishment applications. It is cold applied, eliminating the risk of fire and once cured, provides a completely seamless waterproof protection and has excellent UV stability, making it suitable to use in all climates. **Proteus Pro-System® Plus** forms a seamless, fully adhered membrane, **made in the UK** and is **BBA Certified**.

#### Proteus Waterproofing Limited

21a Sirdar Road  
Brook Road Industrial Estate  
Rayleigh  
Essex SS6 7XF

Tel: 01268 777 871

Email: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)  
[www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)