

Case Study

Flood Protection: **Defender Barriers**

Client: **Corinthia Hotel London SW1**

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Situated in the heart of Whitehall in Central London the Corinthia is a 5 Star Grand luxury hotel with 283 bedrooms and a high reputation for quality and service.

Maintaining 24/7 operations including protection from surface water flooding has been a serious consideration following the recent flood events in the Capital so following a survey M3 floodtec designed a protection proposal and subsequently installed a flood protection portfolio to maintain the buildings security against flash flooding.

The problem:

With an extensive network of basement rooms and corridors housing the critical functions required to run the hotel it was deemed essential to keep these free from surface water flooding at all times.

With over 10 separate accesses to the lower levels and a network of underground drainage channels, free and unrestricted access needed to be maintained yet deployable flood protection had to be readily available for rapid deployment.

The solution:

To overcome these issues M3 Floodtec proposed a Defender deployable barrier system augmented with pipe bungs and sump and pump units operated by automatic float switches. This system can be deployed in minutes if required and has minimal restrictions to the operations of the Hotel.

Works were completed in November 2021.



Defender Barrier installed in lower level entrance

“ We are very happy with the works carried out to our requirements, and the instructions given on how to deploy the products. We are very happy with M3’s professionalism. Top marks to the team. ”

Tony Genas, Corinthia Hotel