

Case Study

Flood Protection: **Lamberhurst, Kent**

Client: **Tunbridge Wells Borough Council**



The problem:

To undertake a Defra funded Property Level Flood Protection Scheme in Lamberhurst, Kent, in conjunction with Tunbridge Wells Borough Council and the Environment Agency.

The project was to protect 26 individual properties (including 20 grade II listed) from future flood damage after serious events in 2000. Using the most economically viable solutions available.

All the properties are built in a conservation area so it was important that the measures didn't change the integrity of the buildings and that any permanent features were as discreet as possible.

“It has been a pleasure working with M3 Floodtec; the team worked hard to come up with solutions that are sympathetic to the listed buildings and acceptable to both the heritage officers and the owners of the properties”

Lene Beynon, Tunbridge Wells Borough Council

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Flood Defender Barrier installed into powder coated rails



The solution:

The programme of works included installation of:

- 1) BSI Kitemarked Flood Defender Barriers, with invisible fixing system
- 2) Kitemarked automatic airbricks which in many cases were installed behind existing iron grills - avoiding any visual impact to the homes
- 3) Non return valves - to prevent sewage backflow
- 4) Pumps were also issued to most properties

Home owners were given full training as to ongoing care, maintenance and deployment of the products fitted.



Flood Angel Double Anti-Flood Airbrick in black, installed behind the existing grill on this Grade II listed property.

Gaining the permission from Tunbridge Wells Borough Council's Heritage Officer and English Heritage was critical to the project. Communication was key to the project's success, and the council's planning and heritage officers were involved from day one of the project, with UK Flood Barriers installation team continuing this communication once on site.