



## Flood Alleviation Scheme Bewdley Severnside South, England

The beautifully situated small market town of Bewdley, in the Midlands, is visited every year by large numbers of tourists. The town with houses of historical significance on both sides of the River Severn has been hit repeatedly in the past by flooding, particularly after heavy thunderstorms. The Government's Environment Protection Agency, the "Environment Agency", initiated the installation of a demountable flood defence system. The Historic Monuments Authority also showed immense interest in the demountable flood alleviation scheme. The installation of the demountable flood defence system in Bewdley had to be carried out in several stages as the buildings along the River Severn are at varying levels.



Bewdley is situated in a large floodplain



Firstly, full height barrier system installed



With lower section defender, section can now continue to higher levels

**Client:** Environment Agency

**Heights:** 1,50 up to 2,85 m

**Length of the defence line:** 500 m

**Characteristic features :**

- Symmetrical posts with preinstalled ground plates

- Replaceable compressible seals
- Interlocking dam beam profiles
- Height adjustable with rising floodwaters
- Limited number of system components
- Simple compression of dam beams
- Erection on landward side