



Flood Defence Scheme Frankfurt on the River Oder, Germany

During the Oder floods of 1999, the city of Frankfurt was seriously affected. Along the River Oder a low-level flood protection wall had already been constructed to a design which is extremely pleasing for the river promenade. It forms the foundation for the demountable flood protection barrier for which the manufacturer IBS provided an individually designed support system.



When the demountable flood protection system is in place, the residents can relax and watch the rising flood waters with peace of mind



Assembly of the IBS systems by the Civil Emergency Services

Client: City of Frankfurt on the Oder
Civil Engineering Department

Heights: 1,50 up to 2,80 m

Length of the defence line: 324 m

Area: 700 m²

Characteristic features:

- Asymmetrical posts with preinstalled ground plates

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