



Flood Defence Scheme Neuburg on the Danube, Germany



Neuburg on the River Danube with the famous silhouette of the castle buildings

During flooding, parts of Neuburgs old town and Danube island have been repeatedly inundated by the Danube. Whilst the island has been safeguarded by the construction of fixed vertical flood protection barriers, IBS installed a demountable flood defence system for the old town. The flood protection system is located on the right outside bank of the Danube as it flows through the town of Neuburg in a large bend.



The demountable flood defence system along the River Danube

Client: Water Authority in Ingolstadt

Heights: 0,90 up to 1,95 m

Length of the defence line: 450 m

Area: 640 m²

Characteristic features:

● Symmetrical 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