



## Flood Defence Scheme Mettlach on the River Saar, Germany



*Simple to erect – the IBS demountable flood defence system*



*During the construction of the flood defence system, no restriction was imposed on the creativity on the design*

Located near the River Saar, the centre of the small town of Mettlach is seriously threatened by floodwaters. With the presence of a federal highway and a local trunk road

flooding also affects important traffic routes. For the highly effective flood defence system extensive construction works were carried out, the design of which took into account

visual presentation. As a result, an aesthetically pleasing foundation wall was constructed, on which the demountable flood defence system is erected.

**Client:** Municipality Mettlach  
**Heights:** 0,90 up to 2,40 m  
**Length of the defence line:** 260 m

**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