

Applications

- Protection against flooding from rivers in cities, towns and villages
- Protection to industrial, commercial and housing developments
- Protection to roads, pavements, railways, underpasses/subways
- Closures gates, doors, windows and the like

Advantages

- Innovation: unique system in the UK and Ireland
- Flexibility: suitable for all applications
- Rapidity: minimum requirement of manpower and technical resources
- Easy: symmetrical and handleable elements
- Secure & effective: excellent waterproof properties and resistance to impacts from floating debris
- Economic: excellent quality-price relationship
- Minimum maintenance: no mechanisms or electronics
- Environmentally / aesthetically friendly

Characteristics

- Waterproof beams: EPDM seals and special base seal
- Maximum height defence: approximately 5 metres
- Fully demountable system - mobile elements
- Materials: stainless steel and extruded aluminium
- Storage: on special pallets

Examples of Previous Projects

- Numerous projects in Germany on the Rivers Rhine and Mosel...
- United Kingdom: Bewdley, Shrewsbury...
- Thailand, USA, France...
- Austria: Linz Kunstmuseum
- Switzerland: Realp



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**BAUER-IBS
DEMFLOOD™ System**





① The Anchor Plate is permanently cast into the Ground Beam foundation



④ The Dam Beams are fitted between the Posts



② The Supporting Posts are bolted to the Anchor Plates when the system is required



⑤ The Dam Beam seals are compressed with the Pressing Tool



③ The End Supports are fixed at each end of the system



⑥ The Rear Buttresses can be assembled, if required

- ① Anchor Plate - Stainless Steel
- ② Supporting Post - Extruded Aluminium Profiles AlMgSi 0.5 F22
- ③ End Support - Extruded Aluminium Profiles AlMgSi 0.5 F22
- ④ Dam Beam - Extruded Aluminium Profiles AlMgSi 0.5 F22
- ⑤ Pressing Tool - Stainless Steel
- ⑥ Rear Buttress - Galvanised Steel



Demountable Flood Defence System is ready to use