

## INERO<sup>TM</sup> FLOOD BARRIER

Inero's patented flood barriers offer a flood protection solution that is lightweight, simple to use and quickly deployed. Primarily designed to provide flood defences for wide areas, the flood barriers can withstand water levels up to 1.7m.

INERO<sup>TM</sup> flood barrier sections, support legs and foot beams are made from marine-grade aluminium for seawater resistance. The material has high durability and withstands extremely tough outdoor conditions. The sections are erected using a sturdy aluminium support leg with a conical foot beam. The unique shape of the foot beam, combined with the integrated gripping teeth, guarantees extra stability and an optimal grip on all sorts of sub-strates.

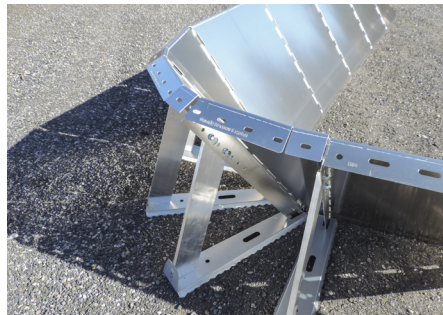
The sections interlock using a patented quick connector to form a continuous, flexible barrier that adapts to all common substrates, such as concrete, grass, gravel and asphalt. They can also be curved 90° through the use of corner sections. The barriers stop and withstand both standing and rushing water and can be assembled directly in the water as long as the water level is no more than 0.3m.

INERO<sup>TM</sup> flood barriers are easy to assemble, even with no previous knowledge. Six people can install 100m of complete barrier in about an hour.

Lightweight materials and innovative design contribute to a low weight and good stackability, simplifying storage and transport. Two cargo pallets are enough for 100m of barrier (barrier segments and support legs). A cargo container can hold 500m of the H80 barrier.

After use, the barriers can simply be cleaned and reloaded onto their pallets.

*Fast deployment, lightweight flood barrier for quick response flood protection for wide areas - unlimited length up to 1.7m high.*



### USES

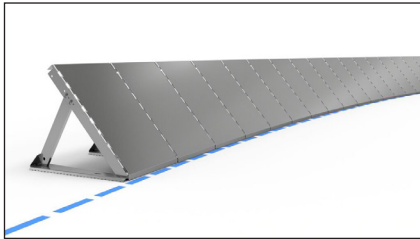
- Riverside flood defences.
- Wide openings and perimeter enclosures.
- Single buildings to whole residential, industrial and commercial areas.
- Protect essential roads and railways in flood zones.

### BENEFITS

- **Lightweight** - can be deployed quickly and easily from pre-packed pallets.
- **Speed** - the low weight and stackability enables fast deployment - save more property in less time.
- **Non-corroding** - INERO<sup>TM</sup> flood barriers are made of a marine-grade aluminium alloy that does not corrode, even in salt water. This means the barriers are practically indestructible.
- **Efficient** - takes little storage space when stacked and is easy to transport.

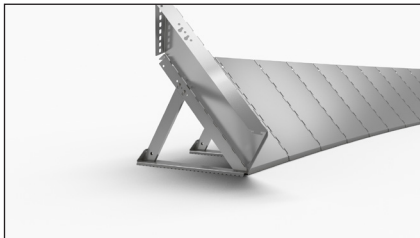


## DESIGN

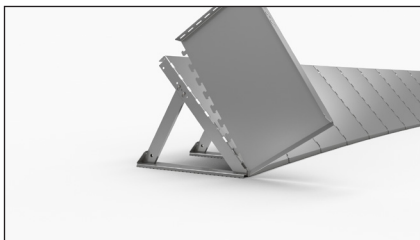


### ASSEMBLY

Assembly of the Inero system is easy and can be done with 2 people. Once the barrier position is marked out, the support legs are fixed into the first section. More sections and legs are then connected together ensuring they are correctly interlocked before folding them back.



The PE membrane is then rolled out along the barrier and fixed with clips. The membrane must be anchored firmly to the ground using loose gravel or similar material.



### SPECIFICATION

Inero flood barriers are made from marine-grade aluminium alloy EN-AW-5754 H22 which does not corrode, even in salt water environments.

INERO™ flood barriers are manufactured by ISO-certified companies in Sweden and meet all safety requirements and are tested for durability.



### DIMENSIONS

PRODUCT	Height	Dimensions	Weight & Plate Thickness
H50	500mm	1050x737mm	10.8kg 1.5mm*
H80**	800mm	1010x890mm	8.4kg 3mm
H80 Support Legs + foot beam		783x174mm	2.7kg
H100***	1000mm	1340x880mm	14.6kg 4mm
H100 Support Legs + foot beam		1125x250mm	4.7kg
H150	1500mm	2168x755mm	24.9kg 5mm
H150 Support Legs + foot beam		1773x320mm	11.2kg
H Extension	200mm		

\* H50 is made of new strong and thin steel material called 'Magnelis'.

\*\*H80 - 100 metres of barrier fit one one cargo pallet.

\*\*\*H100 - 50 metres of barrier fit one one cargo pallet.

