



### INERO™ 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 defenses for wide areas, the flood barriers can withstand water levels up to 5.6ft.

INERO™ flood barrier sections, support legs and foot beams are made from marine-grade aluminum for seawater resistance. The material has high durability and withstands extremely tough outdoor conditions. The sections are erected using a sturdy aluminum 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 1ft.

INERO™ flood barriers are easy to assemble, even with no previous knowledge. Six people can install 328ft 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 328ft of barrier (barrier segments and support legs). A cargo container can hold 1640ft 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 5.6ft high.*



#### USES

- Riverside flood defenses.
- 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™ 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 aluminum 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	1.64ft	3.44ft x 2.42ft	23.81lb 0.0049ft*
H80**	2.62ft	3.31ft 2.92ft	18.52lb 0.0098ft
H80 Support Legs + foot beam		2.57ft x 0.57ft	5.95lb
H100***	3.28ft	4.39ft x 2.89ft	32.18lb 0.0131ft
H100 Support Legs + foot beam		3.69ft x 0.82ft	10.36lb
H150	4.92ft	7.11ft x 2.48ft	24.9kg 0.0164ft
H150 Support Legs + foot beam		5.82ft x 1.05ft	24.69lb
H Extension	0.75ft		

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

\*\*H80 - 328ft of barrier fit one one cargo pallet.

\*\*\*H100 - 164ft metres of barrier fit one one cargo pallet.