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 barrier can withstand water levels up to 1.8m. 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. Six people can install 100m of complete barrier in about one 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 barriers. A cargo container can hold 500m of the H80 barrier. A cargo container can hold 500m of the H80 barrier. After use the barriers can simply be cleaned and reloaded onto their pallets.

**DIMENSIONS**

The standard configuration of one pallet INERO™ flood barriers, such as the H 100, is as follows: 50 meters of barrier sections, include support legs and foot beams, a plastic box of 100 plastic clips and user manual, screws with pre-mounted nuts and one spanner. Polyethylene membrane for 50 metres.

Total weight for one steel pallet with 50 meters of barrier: 1.3 tons. The steel pallet is designed to allow ergonomic and user-friendly installation of the barrier with the barrier plates standing on end and the material accessible from both sides.

**USES**

- They can be set up on any corner, sharp turn, or slope, as these mobile flood barriers are very flexible.
- The removable flood panels can also provide protection for major roads and thoroughfares.
- These portable flood barriers are suitable for large perimeters.

**BENEFITS**

- The RS Mobile Flood Barriers does not require permanent installation or alteration of structures.
- These flood panels are lightweight and perfect for emergency response.
- Made from marine-grade aluminum alloy, these flood water barricade are extremely durable.
- These temporary flood protection barriers can be set up in any structural design.
ASSEMBLY
INERO™ flood barriers are easy to assembling, even with no previous knowledge.

1. Affix the foot beam to the support leg.
2. Connect the barrier sections with the quick connector. It is easiest to do so from left to right.
3. Affix the support legs and the foot beam to the barrier section. The two galvanised screws and pre-mounted nuts fit into keyhole slots on the long side of the barrier. Adjust by hand or using a tool.
4. Roll the specially designed polyethylene membrane over the barrier framework, attach with clips on the top edge, anchor the membrane at the bottom with sand / gravel, sandbags or heavy chains.

Six people can install 100 meters of complete barrier in about an hour.

SPECIFICATIONS
INERO™ flood barriers are made of seawater-resistant marine-grade aluminium EN-AW-5754 H22 which does not corrode, even in salt water enviroments.

INERO™ flood barriers are manufactured by ISO-certified companies in Sweden and meet all safety requirements and are tested for durability. Together with strength calculations and simulations independent third party institutes in Germany (TUHH University of Technology Hamburg Harburg) and the UK (HR Wallingford) have tested the INERO™ flood barrier. The tests investigated the barrier’s stability, performance, leakage rate and impact resistance with good results. The end results showed that the barrier stands stable at full water pressure of one meter and while overtopping, stands stable after the impact of heavy logs, is easy to install and has a leakage rate below 40 l/h/m both after 1 hour and after 18 /22 hours.

ENVIRONMENT
INERO™ low barriers are designed with minimal materials. Their low weight also means reduced co2 emissions from transport. The barriers have an extremely long service life and are 100% recyclable. The polyethylene membrane is single-use only and is suitable for environmentally friendly disposal.