



SPECIFICATIONS

GEO-Inero H50 Compact Low Barrier
Stackable (height 0.5m)

Material: Special galvanised steel
Magnelis 1.5mm

Dimensions, section: 1050 x 737mm

Weight: 10.9kg per section

CONTENT STEEL BOX

100 pcs H50 sections 1 pcs end section
3 rolls of PE membrane Plastic box with
clips & gloves

Option: the steel box can also contain 4
complete 90° corner sections

Steel box: L: 1300mm W: 900mm

H: 1000mm

Weight: 1290kg

GEO-INERO H50 COMPACT LOW BARRIER

GEO-Inero's low barrier was developed for extremely rapid response to low depth water flows. It withstands water levels of up to 0.5m. The barrier can also be used to steer and redirect flash floods. The low barrier is very easy to manage, making it suitable for the private market as well.

GEO-Inero low flood barriers are made as one piece, with no loose parts, from special galvanised steel Magnelis. The material has high durability and withstands extremely tough outdoor conditions. The product is ideal for use by fire and rescue services or private individuals to stop or divert rapidly rising waters. The low barrier is suitable for use on all common substrates, such as grass, gravel and asphalt. It can also be curved through the use of corner sections – outer and inner corners of 30°. The barrier is highly effective at both stopping and controlling water flows. The barrier can be used to redirect flash floods without applying the PE membrane.

ASSEMBLY

Since the barrier sections are manufactured in one piece, they are very easy to assemble. The sections are fitted with patented quick connector and can be interlocked in one simple manoeuvre.

Specially designed polyethylene membrane (0.22mm thickness) is then stretched over the barrier framework, fixed with plastic clips along the top and anchored at the bottom with sandbags or heavy chains.

LOGISTICS

The standard configuration of GEO-Inero flood barriers is as follows: 100 metres of complete barrier with all accessories, on a designed stackable galvanised steel pallet.

Weight: 1290kg. One 20 foot container holds 1800 meter (18 double stacked pallets).

ENVIRONMENT

GEO-Inero low barriers are designed with minimal materials. Their low weight also means reduced carbon 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 eco-friendly incineration.

ASSEMBLY H50 LOW FLOOD BARRIER

Installation of the GEO-Inero H50 flood barrier is very simple – no previous knowledge or tools are required. Two people can install 100 meters of H50 complete barrier in 30 minutes.

INSTALLATION STEPS AS FOLLOWS:

1. Start mounting the end section to the first barrier section.
2. Continue connecting the barrier sections with the quick connectors. Make sure that the quick connector is correctly interlocked before folding down the barrier section. The barrier section should fold down effortlessly.
3. Make sure that the ground in front of the barrier is free from loose gravel, stones, sticks and pine cones etc. in order to minimise leakage.
4. Roll the specially designed polyethylene membrane over the barrier frame work. Attach with clips on the top edge, anchor at the bottom with heavy chains or sandbags.



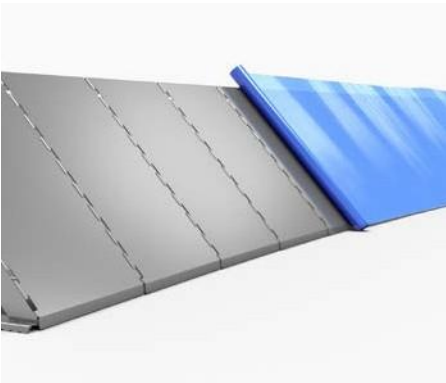
1. Start with the end section



2. Continue connecting barrier sections



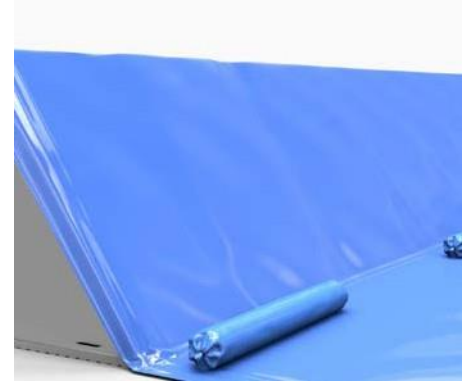
3. When needed use corner sections



4. Roll out the membrane



5. Fix the membrane with clips



6. Anchor the membrane with sandbags, weights or chains.

GEO-Inero flood barriers are also available in 0.8m, 1.0m, 1.5m and 1.8m heights. The size of the quick connector is the same regardless of height, which means that different barriers can be interconnected.

AFTER USE

After use, clean and dry the barriers sections and repack them, plus the plastic box, on the steel pallet. Refill with new PE membrane rolls. Your H50 Low Flood Barrier is now ready for reuse.



Repack dry and clean barrier sections. Pack the plastic box and refill with membrane rolls.