

The **GEO-Inero Flood Barrier System** is perfect for flood protection and redirection of flood water. Lightweight and easy to install, this flood protection system consists of saltwater resistant marine-grade aluminium alloy sections that slot together creating a continuous, flexible and sturdy barrier.

The interlocking sections are supported by specially designed aluminium legs and conical foot beams, keeping the barrier in place even when faced with overtopping or fast-moving debris. The foot beams are unique with intergrated gripping teeth, offering stability on a range of surfaces including gravel, asphalt and grass.



Curves can be created by utilising corner sections, allowing the barrier to bend around obstacles and meet flush against existing structures. The barriers can be installed on dry ground or directly in water up to 0.3m high.

## USES

- River/waterway redirection
- Perimeter protection
- Residential and commercial
- Road/railway flood defences
- Temporary water storage enclosure

## BENEFITS

- Lightweight and portable
- Quick to install and remove
- No training required for installation
- Suitable for use in fresh and salt water
- Efficient storage/transport crate included



## SPECIFICATION

GEO-Inero flood barrier system is made from marine-grade aluminium alloy EN-AW-5754 H22, making it suitable for use in all water types, even saltwater.

## GEOLINE LIMITED

Ann Tracey – Ireland & UK Sales Manager  
Office: +353 (0)51 294 090 Mob: +353 (0)86 609 0355  
Email: [anntracey@geoline.ie](mailto:anntracey@geoline.ie) Web: [www.geoline.ie](http://www.geoline.ie)



## INSTALLATION

Available in 0.5m, 0.8m, 1.0m, 1.5m and 1.8m heights, the GEO-Inero flood barrier can meet your flood protection needs and requires no training to install. 100m of H100 barrier can be installed by 2 people in 2 hours.

1. Mark out on the ground where to place the barrier.
2. Affix the support leg, in the keyhole slot, to the first section. Connect the barrier sections with the quick connector.
3. Make sure that the quick connector is correctly interlocked before folding down the barrier section.
4. Work in pairs and roll out the included PE membrane. Fix the membrane with two clips per section. Fold down the edge of the PE membrane once it is completely rolled out.
5. It is important to stretch the membrane against the barrier at ground level. Anchor the membrane tightly to the ground with sandbags or heavy chains. The chains could be complemented with sandbags.

## ASSEMBLES IN FIVE EASY STEPS



## DIMENSIONS

PRODUCT	H50	H80	H100	H150	H180
<b>FLOOD WATER HOLDBACK HEIGHT</b>	0.5m	0.8m	1.0m	1.5m	1.8m
<b>MATERIAL</b>	Specially galvanised steel plate Magnelis	Seawater-resistant marine-grade aluminium	Seawater-resistant marine-grade aluminium	Seawater-resistant marine-grade aluminium	Seawater-resistant marine-grade aluminium
<b>DIMENSION (h x w)</b>	1050 x 737mm	1010 x 890mm	1340 x 880mm	2168 x 755mm	2446 x 755mm
<b>WEIGHT COMPLETE (kg/m)</b>	10.9kg/m	12.7kg/m	22.4kg/m	50.0kg/m	58.0kg/m
<b>CORNER SECTIONS</b>	30° module	30° module	30° module	22.5° module	22.5° module
<b>STEEL PALLET (m/pallet)</b>	100m	100m	50m	25m	25m
<b>STEEL PALLET, WEIGHT (complete pallet)</b>	1290kg	1500kg	1300kg	1370kg	1525kg (barrier) 1400kg (extension)
<b>STACKABLE</b>	Up to 4	Up to 3	Up to 3	Up to 3	Up to 3
<b>STORAGE 100m</b>	1.2m <sup>2</sup>	1.5m <sup>2</sup> Single stacked	1.5m <sup>2</sup> Double stacked	2.5m <sup>2</sup> 2 x Double stacked	2.5m <sup>2</sup> 2 x Double stacked
<b>BARRIER ASSEMBLY 100m, 2 persons</b>	30 minutes	90 minutes	120 minutes	150 minutes	150 minutes

\* The weight applies to a complete barrier including barrier sections, support legs and foot beams.

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