

# INERO MOBILE FLOOD BARRIERS

The flood protection system you can just carry anywhere!



STEADY OLUTIONS FOR UNSTEADY GROUND CONDITIONS

#### **CAN BE INSTALLED ON:**



flat surfaces grassy curves sandy edges concrete curbstones muddy corners PORTABLE FLOOD BARRIERS THAT CAN BE INSTALLED EASILY

### **ADVANTAGES**



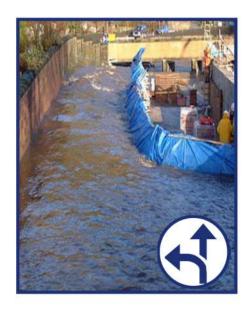
Easy to carry — a 100-meter H100 barrier can be deployed by only two people.



Due to its inclined design, INERO™ deflects most of the force when hit by floating debris. This same force also helps the barrier to have more grip to the ground.



With future proof design that allows you to increase the height without changing the entire barrier system.



Can be used to **contain** or **redirect water.** 



100 meters of a barrier system can be kept in a **storage box just** about the size of an office table.



Can be **removed from one place and reinstalled to another** where flood protection is needed.



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Due to climate change, Qatar is now experiencing heavier rainfalls than ever. In 2018, we experienced a year's worth of rainfall in one day. To protect Doha Education City from flash flooding... [Flood Control Asia RS and INERO™] Barriers were put up semi-permanently at twelve (12) governmental buildings for safety even under severe weather conditions.

**Dr. Fadi Jomaa**Doha, Qatar

# TECHNICAL SPECIFICATIONS



LEGEND:



ACCESSORIES





#### (A) INERO™ Barrier Section

The barrier section includes the support leg/foot beam

Material: (H50) Galvanized Steel with Magnelis Coating (H80, H100, H150, H180). Marine-grade Aluminum EN-AW-5754 H22.

Quality: Seawater-resistant, Corrosion resistant. Weight: 10 kg to 37 kg



#### B INERO™ Flood Protection Membrane

Provides complete leakage protection for

Material: Polyethylene Membrane Quality: UV Proof, weather-resistant



#### ©INERO™ Plastic Clips

Protects the membrane from being blown away by the wind.

Type: Heavy-Duty Plastic Clips

Material: Plastic with metal reinforcement



#### D INERO™ Heavy Chain

Type: Heavy Chain with snap-hooks

Material: Galvanized



Floor space: 1.5 m<sup>2</sup>



INERO™ Barrier Extension Used to raise the flood protection of the INERO™ Mobile Flood Barriers.

Material: Marine-grade aluminum EN-AW-5754 H22

Quality: Corrosion Resistant, Seawater Resistant 4 mm marine grade

Additional Protection height: 200 mm (H100, H150) 300 mm (H150)

Weight: 2.6 kg



#### INERO™ Corner Section Used for locations with corners

Material: Galvanized Steel with Magnelis Coating

Angle: 30° per corner element (H50, H80, H100) 22.5° per corner element (H150)

Quality: Seawater-resistant, Corrosion resistant.

Weight: 4.6 kg to 26.2 kg



#### INERO™ Wall Fasteners

Used to attach the barriers onto the wall. It comes with a right-hand and a left-hand side configuration.

Material: Marine-grade aluminum Connection Type: Quick Connector



#### **INERO™ SCST** Steel Box (For Heavy Chain) A space-saving component good for 500-meter INERO™ Heavy Chain

Box Material: Galvanized steel pallet (stackable) Floor space: 2.5 m<sup>2</sup>



#### INERO™ Super Compact Storage Transport- Steel Box (SCST) A space-saving component of INERO™ Mobile Flood Barriers.

Box Material: Galvanized steel pallet (stackable) Floor space: 2.5 m<sup>2</sup>

## **APPLICATIONS**



**Uneven Slopes** 



**Sharp Corners** 



Surface Level Shift



**Rough Terrain** 



**Bends** 



**Diverting water** 

Avoid unpredictable damages and losses caused by floods. Achieve real peace of mind with suitable modern flood solution.



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