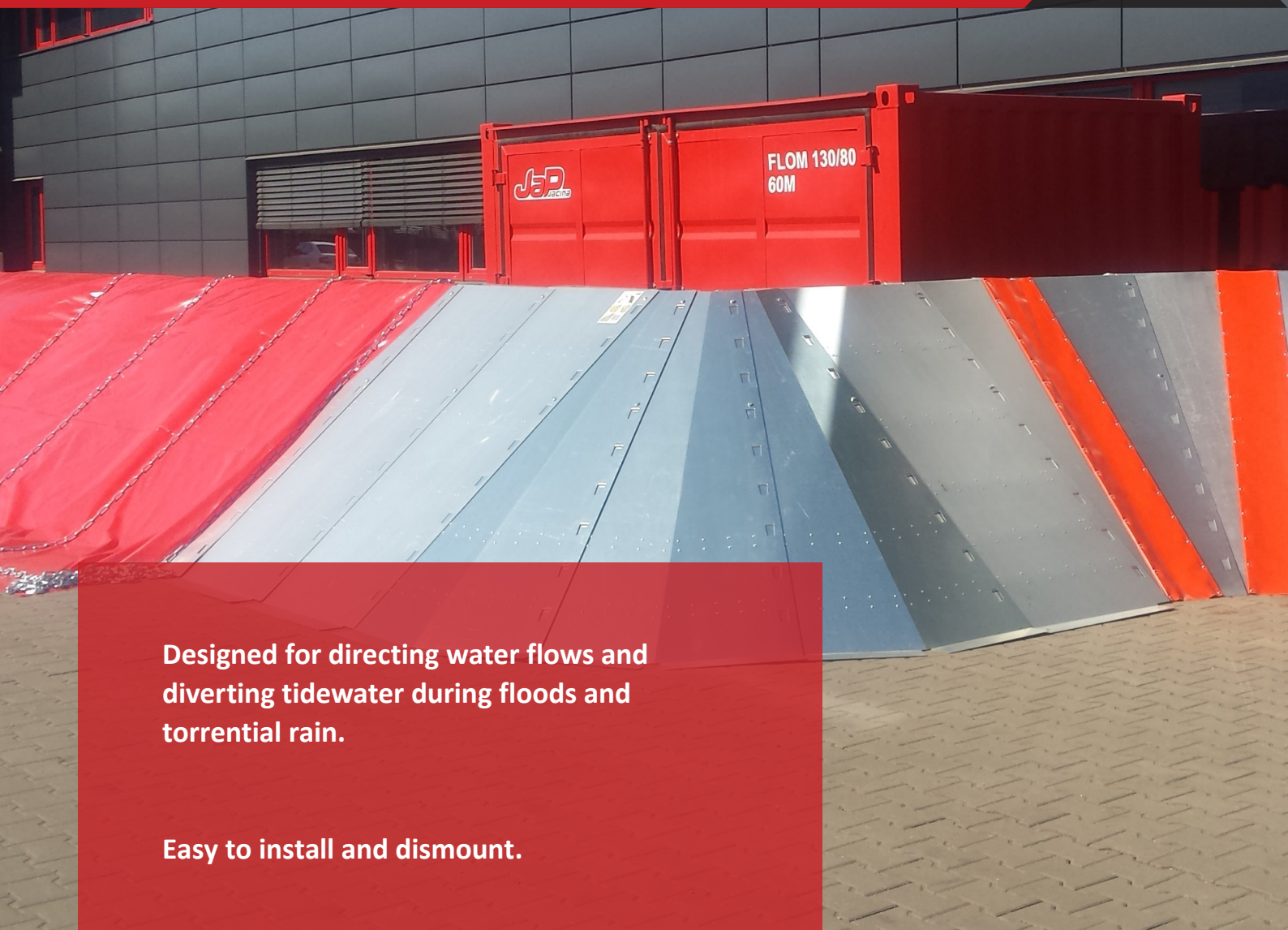


FLOM H800, H1300

MOBILE FLOOD PROTECTION



Designed for directing water flows and diverting tidewater during floods and torrential rain.

Easy to install and dismount.

Does not require any underlying structure, is easily portable and can be placed on a wide range of surfaces (grass, gravel, asphalt, even in water).



ECONOMICAL SOLUTION

No need to build an underlying structure, requires only a one-time investment – designed for repeated use, easy to store, no expenses for disposal after contact with water like with sandbags.

QUICK INSTALLATION

Easy to install and dismount. Low weight of the parts makes handling and assembly easy. The barrier can be raised on a wide range of surfaces – grass, gravel, asphalt, even in water.

PROVEN QUALITY

The barrier has passed stress tests against impact from flood waves and floating objects. Certified and tested in laboratories and in real conditions.



FLOM VS. SANDBAGS



FLOM vs. sandbags - barrier with length of 100 m and height of 0.5 m, the listed values are an approximate

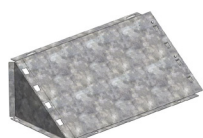
	FLOM H800, H1300	Sandbags
Total weight of the barrier	Steel 6 630kg/ aluminium 4 150kg	100 - 150 t
Volume	104 m ³	30 m ³
Requirements for assembly	3 people, 30 minutes	11 people, 5 hours
Removal	Requires similar procedure and time as for assembly	Time-consuming
	Wash the system with clean water and place it in storage.	Eco-friendly disposal of contaminated sand and bags.
	Eco-friendly disposal of the sheet only	Heavy machinery likely required
Lifespan	Reusable	One-time use
Investment	One-time investment	Repeated investment (bags and sand)



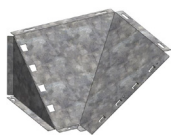
PRODUCT DESCRIPTION

SLAB

The slab is made of galvanized metal sheet, stainless steel or aluminium alloy (EN AW 5754) resistant to seawater. The slabs are fitted with FLOM connecting locks for quick and easy interconnection.



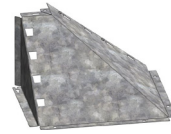
Slab - straight



Slab - angle



End piece



Slab - corner

CONNECTING SLOT

END PIECE

SEATING BASE

FOOT

HAMMER ANCHORS

Prevent the barrier from moving due to water pressure. A hammer anchor is also used for securing the weight chain.



DISTRIBUTION PLATE

Prevents the seating base from sinking in places where the barrier is built on an extremely soft surface. The distribution plate is placed on the ground and two neighbouring seating base are fitted into a slot in the plate.



SHEET

Prevents undermining of the barrier. It is weighted down at the bottom with chains and attached at the top to the barrier via fastening clips. It is the only component of the system that is designed for one-time use.

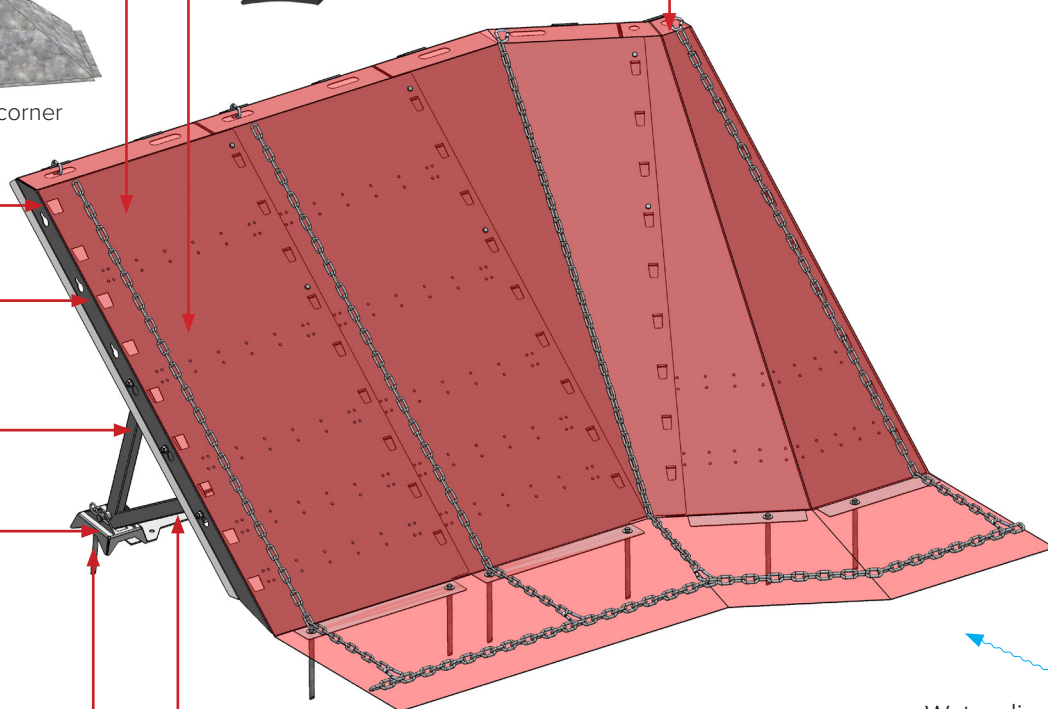
SECURING CLIP

Used to attach the foil.



WEIGHT CHAIN

Is used as a weight. After the foil is unrolled, the chain is placed on it and thus prevents it from rising after the arrival of water. The chains are connected into one using oval carabiners.



Water direction

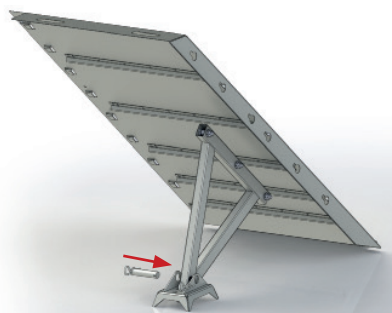
ANCHOR RING

Used for anchoring the seating base in places where there is a risk of movement and sliding, e.g. on asphalt or concrete surfaces. The rings are fitted onto the two front tips of the foot and are fixed to the base surface by driving in screws through the hole in the anchor ring.

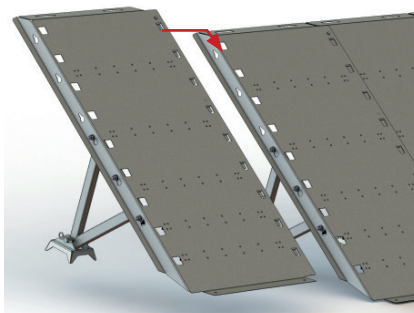


QUICK INSTALLATION IN THREE STEPS

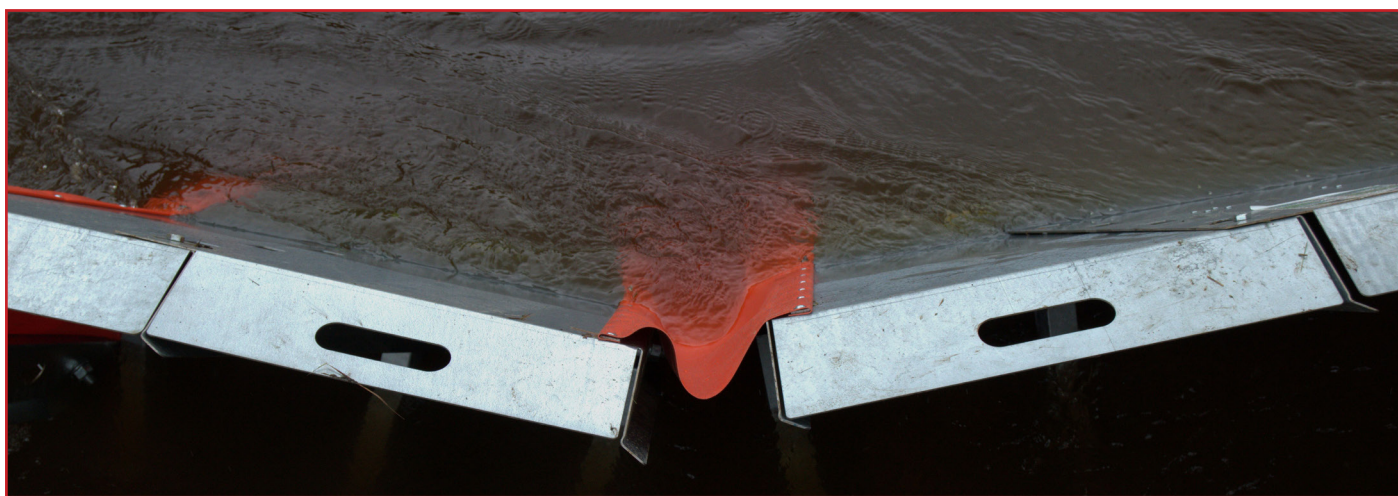
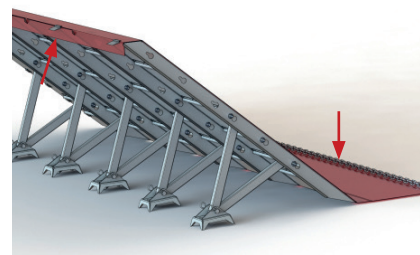
1. Connection of the slab to the foot and the seating base.



2. Connection of a neighbouring slab via the special FLOM locks.



3. Attaching of the sheet at the top with a securing clip and weighing down at the bottom with the weight chain.



STORAGE

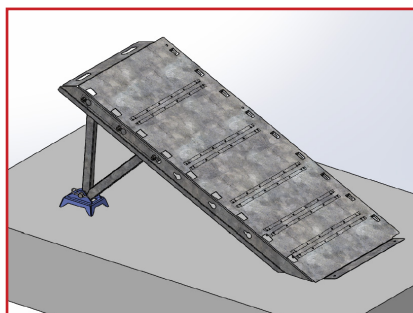
All components are designed to fit standardised containers and pallets. The system can be transported to the place of installation directly in the containers used for storage.

MAINTENANCE

There is no need to dispose of the barrier after use. Simply wash it with clean water and put it back in storage.



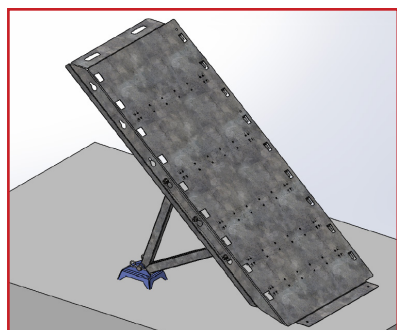
WEIGHTS OF THE PARTS BASED ON MATERIAL



800mm

FLOM H800

A middle ground between H500 and H1300. Water column height of 800 mm.



1 300mm

FLOM H1300

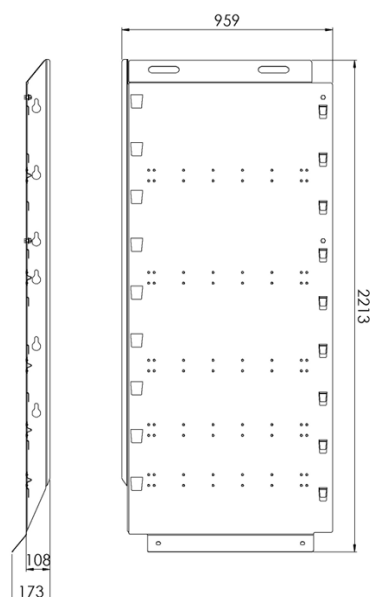
The structure can resist water columns up to 1 300 mm high.

ALUMINIUM	
Straight piece	21 kg
Corner piece	14 kg
Angle piece	15 kg
End piece	3 kg
Foot (steel)	10 kg

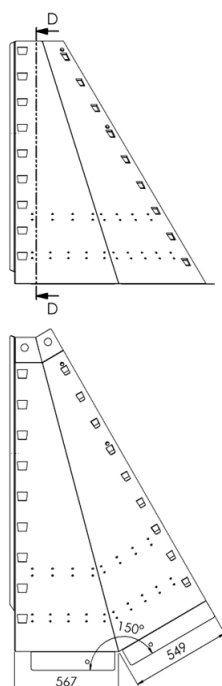
GALVANISED STEEL	
Straight piece	42 kg
Corner piece	26 kg
Angle piece	30 kg
End piece	6 kg
Foot	10 kg

STAINLESS STEEL	
Straight piece	42 kg
Corner piece	26 kg
Angle piece	30 kg
End piece	6 kg
Foot	10 kg

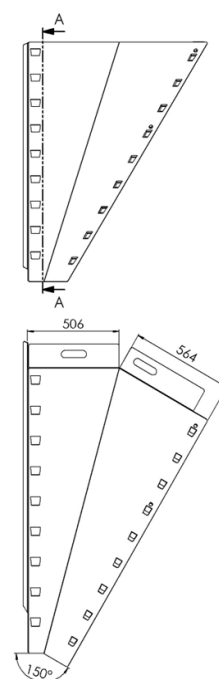
STRAIGHT PIECE



CORNER PIECE



ANGLE PIECE



System is an ideal solution for regions, cities or river basins. Storage in containers or on system pallets enables quick activation according to the current need in threatened areas. FLOM is also suitable for emergency services, or for industrial enterprises and warehouses to protect industrial zones.



022022.0200EN

Other flood protection solutions on offer:



MOBILE BARRIER:
INOVA AL



MOBILE BARRIER:
FLOM



PASSIVE
DAM



WATERTIGHT DOOR:
PPD



WATERTIGHT
GATE



ANTI-CONTAMINATION
BARRIER



MOBILE BARRIER:
JPZ



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WATERTIGHT SOLUTIONS



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