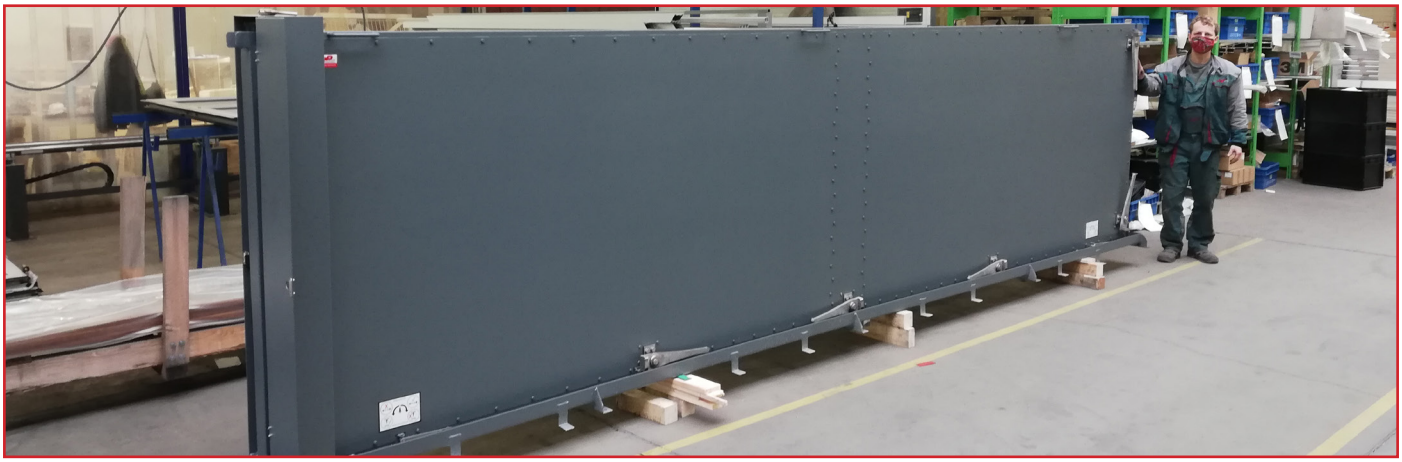
Watertight gates are the ideal solution for sites with passages that need to be very quickly sealed against water. he gate can be locked with a sealing lock in two positions (closed gate lock/open gate lock).



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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
- ATYPICAL WATERTIGHT SOLUTIONS

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WATERTIGHT GATES

FLOOD PROTECTION

Protect buildings and structures from floods and torrential rain.

For various types of passageways and openings.

Easy manipulation.

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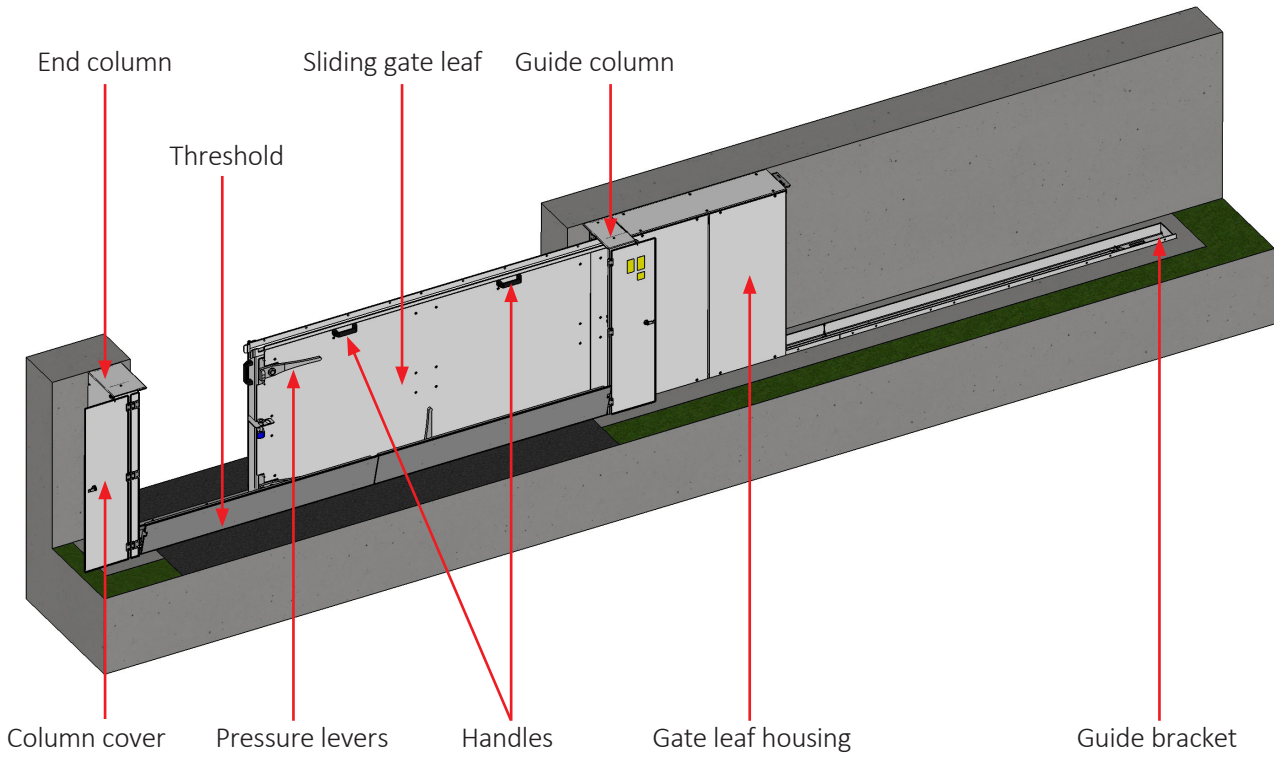
PRODUCT DESCRIPTION

The gate can be divided into two basic parts – firmly anchored elements and a sliding gate leaf. Protection is provided by a special sealing profile which is a part of the sliding gate leaf. On one side of the opening is an end column and on the other side is an guide column. At the terrain level is a threshold profile with cover. Below the cover is a rail which the gate leaf moves along. If the gate needs to be sealed against water, the covers of the threshold profile and of the columns are opened, the gate leaf slides into the created openings and is tightened using pressure levers. Watertightness of the gate is ensured by a sealing rubber profile attached along the periphery of the sliding leaf. In normal use, the gate remains in the open position and is secured by a pin with a lock.



GUIDE BRACKET

It is used to move the gate easily. It is located under the rail cover.

GATE LEAF HOUSING

Protects the gate and seal from unwanted influences, dirt, etc. It is an optional part of the flood barrier.

HANDLES AND PRESSURE LEVERS

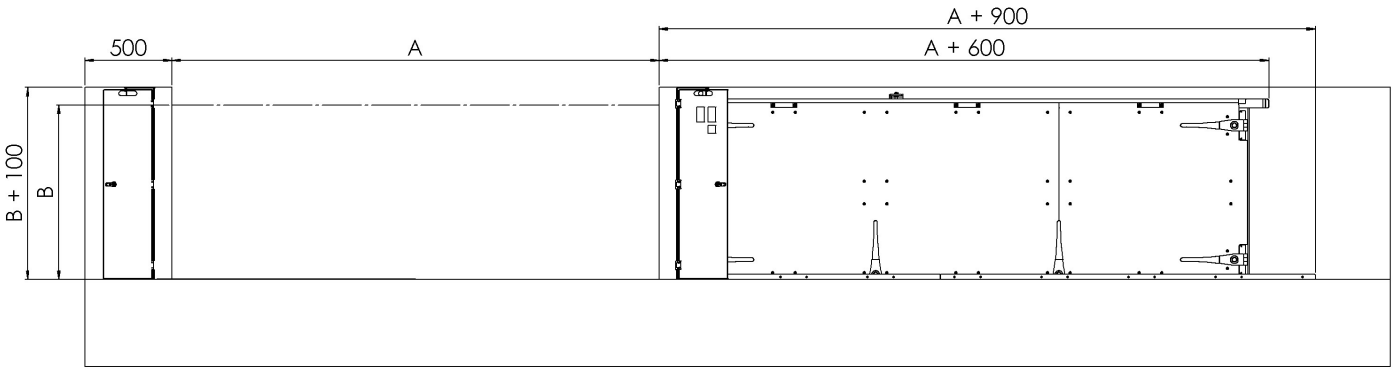
All pressure levers can be easily locked and unlocked. It serves to seal and secure the gate.

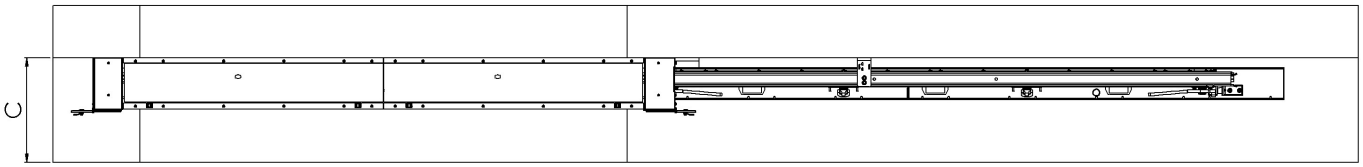
SEAL ACTIVATION

The seal is activated using a system of pressure levers. Turning the levers pushes the gate leaf down onto the contact surfaces of the seal.

GATE INSTALLATION

The gate was designed for various types of passageways and openings, but in order to operate, it always requires the installation of the bottom profile into a concrete foundation. This profile carries the gate's slide rail. The rail is protected by a cover which is designed to allow passage of vehicles (max. load capacity of 12 t).





water direction

Description of dimensions:		
A - width of the opening	B - water column	C - handling space

TECHNICAL SPECIFICATION

Maximum height of the water column:	1 500 mm
Maximum length of the gatet:	6 000 mm
Control :	Manual control.
Material:	Made of steel, the casing of the sliding leaf is made of aluminium. Functional surfaces and mobile components are made of stainless steel (AISI 316L).
Surface finish:	Hot-dip galvanised, RAL colours.
Seal:	EPDM