

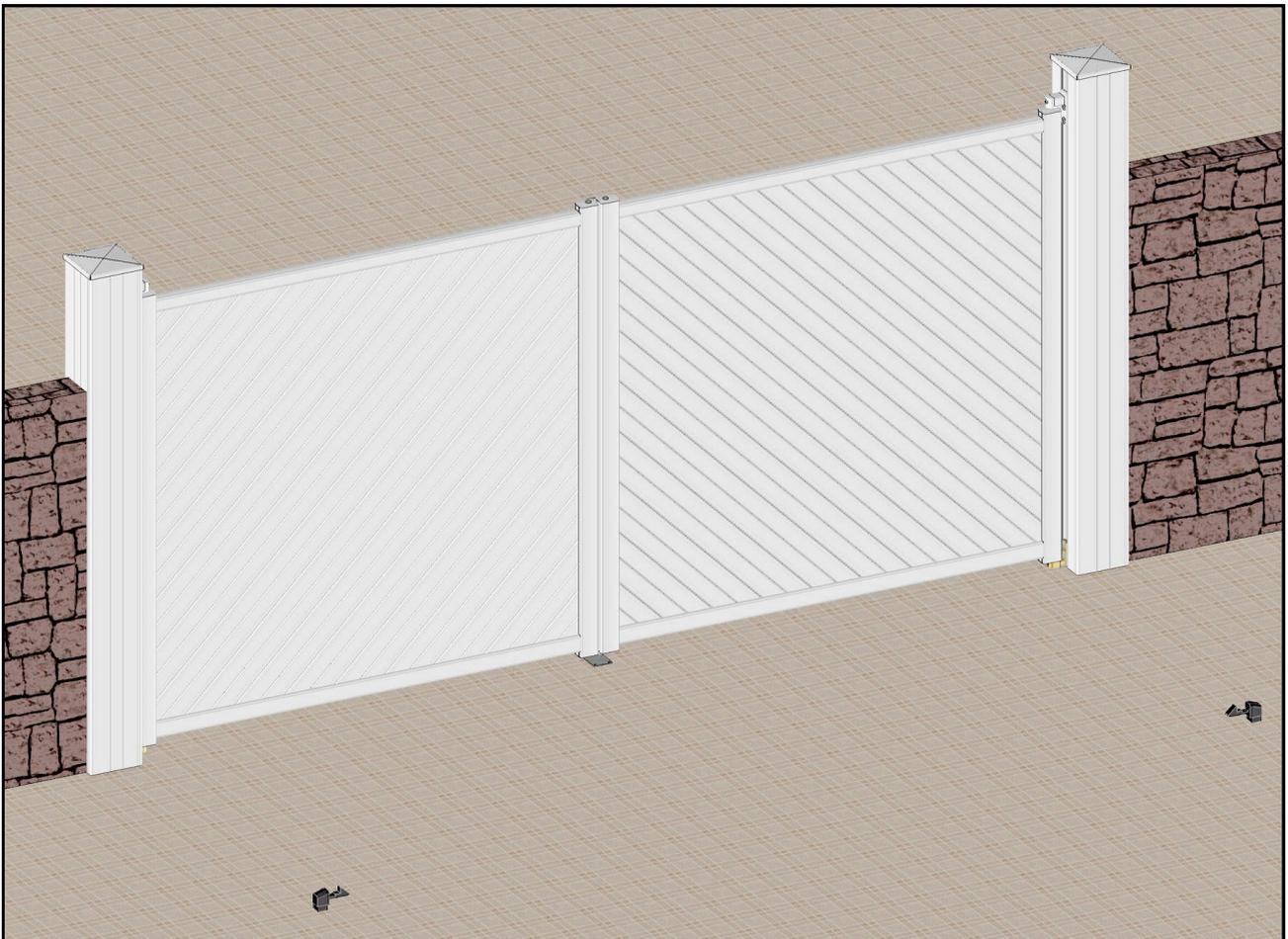
# User manual

## N°7372

06/18

# ALUMINIUM GATE

## 2-Leaf



# Installation instructions



**To ensure the safety of people, it is very important that you carefully follow all the instructions below and keep them.  
If in doubt, contact your installer.**

- Read this manual carefully before use.
- All the parts delivered are specifically sized for this product.  
Adding or removing parts may be detrimental to your safety and may affect the product's warranty.
- Operation of the gate by untrained persons (especially children) is **strictly prohibited**.
- When using a remote control, do not leave it within the reach of untrained persons (children, etc.).
- The gate must be monitored as it moves. Keep people away until the gate is fully open or closed .
- **A moving gate is a heavy product.** Misuse, poor handling, or a malfunction can cause **serious accidents**.
- If you have any questions about this manual, please contact your installer.
- Always be very careful when using a gate.

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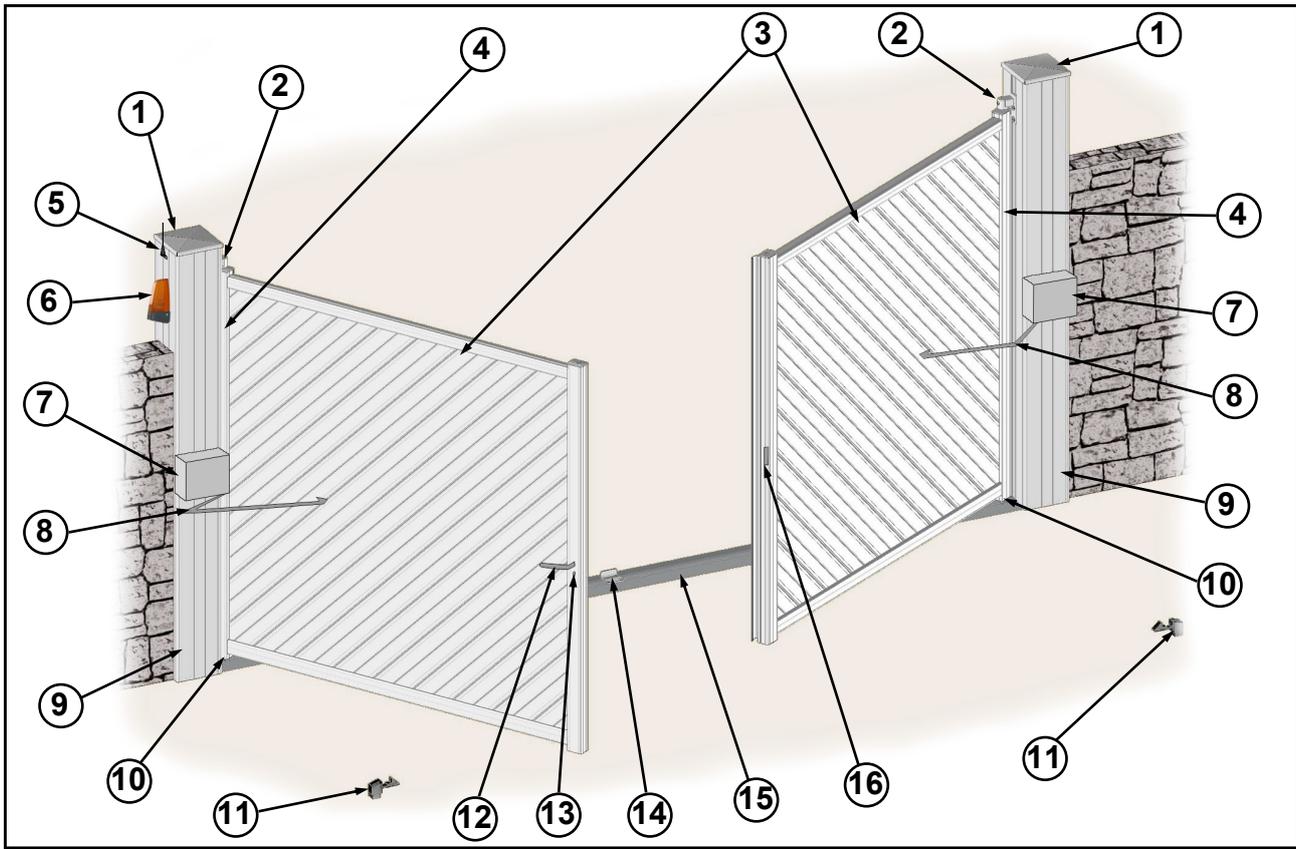
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Caption and text :



**"WARNING !"**

# Description of the 2-leaf aluminium gate



Custom-made, non-contractual pattern

- 1 - Caps (optional)
- 2 - High hinges
- 3 - 2 leaves
- 4 - Vertical jamb
- 5 - Antenna (with motorization)
- 6 - Flashing orange light (with motorization)
- 7 - Motorizations and 1 set of external cells (option)
- 8 - Operator arm (option)
- 9 - Posts (option)
- 10 - Low hinges or center plates
- 11 - Universal stops
- 12 - Handle (manual gate)
- 13 - Cylinder (manual gate)
- 14 - Central stop
- 15 - Threshold (option)
- 16 - Aluminium strike plate (manual gate)

**! SECURITY INSTRUCTIONS FOR THIS GATE**

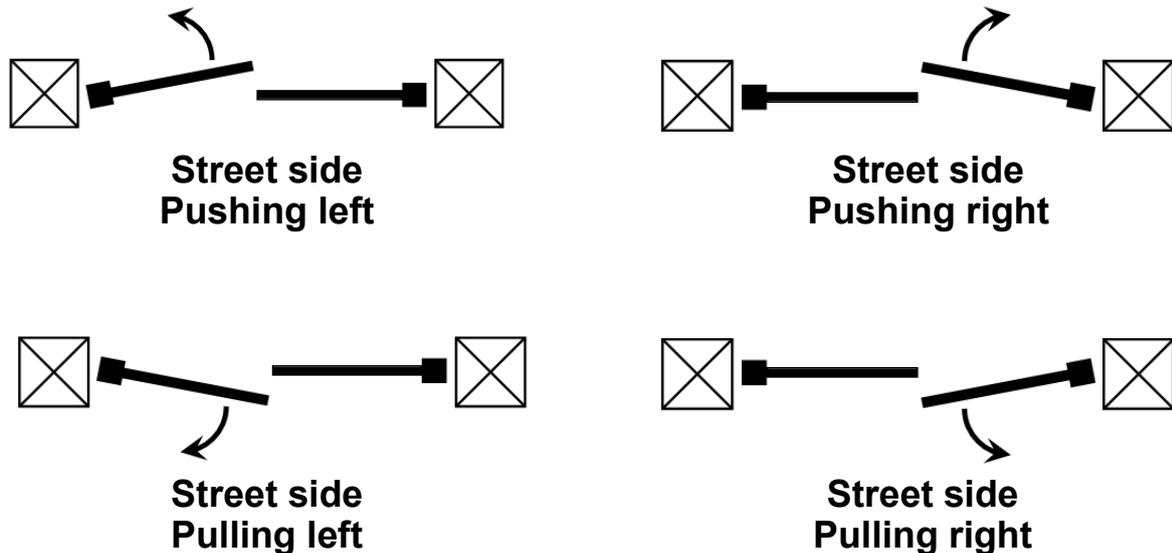
Improper installation, poor operation or maintenance of this gate can cause serious injury. Make sure this portal is CE marked.

**Observe the following instructions :**

- A. Installation, maintenance and repairs may only be carried out by qualified fitters.
- B. Before any installation, maintenance or repair, the installer must read the installation manual. This manual is always delivered with the gate.
- C. A moving gate is a heavy product. Improper use, poor handling, or malfunction can cause serious accidents.
- D. Children are not allowed to operate this gate.
- E. Always be sure to look at the gate when you operate it. People, children or objects may be in the way!
- F. Keep fingers away from moving parts of this gate. Only use the available handles to operate the gate manually.
- G. Make sure this gate is inspected and maintained regularly by a professional.

## Opening direction

### Top view



## Safety equipment

- **Manual version :** The movements are carried out under the control of the user.
- **Motorized version :** Contact safety by means of a force limiter integrated in the operator. If there is an obstacle during movement, the operator stops and moves away from the obstacle.
- **Presence detection security with cells :**  
With the cells, installed on both sides of the opening, the leaves of the gate stop and reverse their movement if the beam is cut off during closing.

## Operating principle

The gate opens and closes on a vertical axis of rotation of the 2 leaves.  
The 2 leaves are held on the posts by hinges.



**Always monitor the gate during opening and closing, ensure that no persons or objects are in the passage of the gate and its clearance area.**

# Types of operation

- **Direct pull (manual) :**

**Opening :** Pull the first leaf by the handle in the opening direction until it stops.

Pull the second leaf in the opening direction until it stops.

**Do not make any sudden movements.**

**Closing :** Pull the second leaf to the center stop.

Pull the first leaf by the handle as far as the central stop and make sure that both leaves are locked.

- **Motorized drive :**

**INFORMATION**

An operated 2-leaf gate can operate in pulse or automatic mode.

➤ **Pulse :**

Control device that requires a brief action to initiate gate movement.

➤ **Automatic :**

A gate movement is carried out without voluntary manual control. (e.g. time delay).

**In addition, 2 notions are to be taken into consideration :**

➤ **The user :**

Users are considered "trained" when the site owner has authorized them to use the fence element and has given them information on how to use it (NF EN 13241 + A2).

➤ **The layout :**

1- or 2-leaf gate : in or outside public area.

## Type of control for Axovia 220A pro or Axovia multi pro operator

### 2- or 4-function transmitter for pulse



**The remote control must always be used in view of the gate.**



### **Programmed total opening only :**

Systematic total opening of the 2 leaves by short or long press on the remote control.

### **Pedestrian or programmed full opening :**

#### **Pedestrian opening :**

- Partial opening of one leaf for pedestrian access by briefly pressing the remote control.

#### **Total opening :**

- Total opening of the 2 leaves by long press on the remote control.

#### **Stop :**

Press the same button on the remote control during opening or closing to stop the gate immediately.

#### **Pulse closing :**

Press the same button once with a short press to close the gate.

#### **Automatic closing :**

The gate closes automatically after the delay time set by the installer.

## Type of control for IM 5000 operator (jamb operation)

### 2- or 4-function transmitter for pulse



**The remote control must always be used in view of the gate.**



#### **Pulse opening :**

Press the button on the remote control once with a short press to open both leaves.

#### **Stop :**

Press the same button on the remote control once briefly during opening or closing to stop both leaves immediately.

#### **Pulse closing :**

Press the same button on the remote control once with a short press to close both leaves.

#### **Automatic closing :**

The gate closes automatically after the delay time set by the installer.

#### **Pedestrian control (operation of leaf n°1) :**

*Operation by control box : Button box, key switch box or remote control.*

#### **Pedestrian Pulse Open :**

Push the control box to open the leaf.

#### **Stop :**

Press again on the control box during opening to stop the leaf immediately.

#### **Pedestrian pulse lock :**

Press the control box again to close the leaf.

**Please note** : *During closing, the leaf cannot be stopped by the control box.*

#### **Pedestrian automatic closing :**

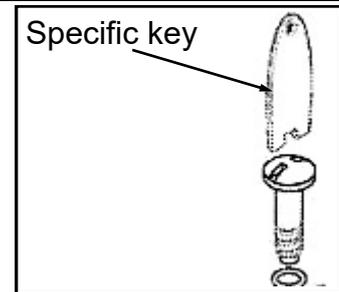
The leaf closes automatically after the time delay set by the installer.

**Please note** : *During closing, the leaf cannot be stopped by the control box.*

## Emergency maneuver for Axovia 220A pro or Axovia multi pro operator

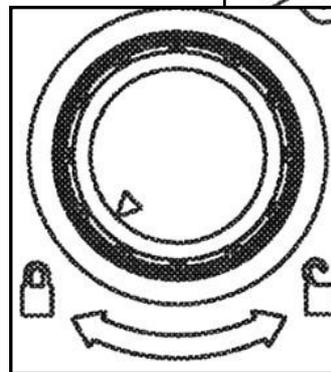
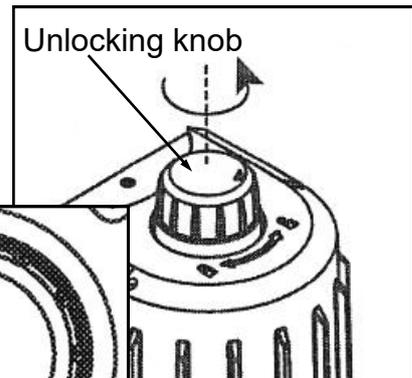
Open the top cover using the special key.

- **Drawing of the closed padlock : Arms locked**
- **Drawing of the open padlock : Manual operation**



Turn the knob to the open padlock position to operate the portal manually.

In the unlocked position, the arms must be operated slowly to prevent damage to the operators.



## Emergency maneuver for IM 5000 operator (jamb operation)

The IM 5000 operator is equipped with a mechanical unlocking device that can be operated with a hexagonal key.

- To activate the unlocking device, rotate clockwise until the adjusting screw stops, taking care not to force it (approx. 12 turns).
- A click occurs and you can now open the gate manually.

Always remove the hexagonal key from the jamb before operating the leaf manually.

Avoid pushing it suddenly.



## Prohibitions



### Never :

- Lean against the leaves.
- Tamper with the operator when the power is on or with the battery.
- Touch the moving operators.



The modification of existing equipment or the addition of equipment not approved by the manufacturer may cause malfunctions and accidents. For security reasons, do not make any changes yourself. Only a qualified installer can make regulatory changes.

## Maintenance, repair and faults



European standards require frequent maintenance and inspection of fence elements. For your own safety, establish a service contract with a qualified company that will determine the frequency and maintain the doors. The maintenance of our products must be carried out according to our maintenance records based on the number of uses.



All work on a gate must be carried out by a qualified professional installer.



Never clean a gate with high pressure machines or aggressive chemicals. Simply use a plant-based sponge and soapy water and rinse.





**DECLARATION OF CONFORMITY** 

We, the undersigned, FTFM LA TOULOUSAIN, located in Escalquens (31676 Labège Cedex), declare that the product designated hereafter meets the requirements of the harmonized standard NF EN 13241 + A2, for products delivered as a single supply.

Therefore, we declare the conformity of the product mentioned below with the provisions of the following European directives :

- 305/2011/EC : Construction Products directive (manual and power-operated doors)
- 2006/42/EC : Machinery directive (powered doors)
- 2014/35/EU : Low Voltage directive (powered doors)
- 2014/30/EU : Electromagnetic Compatibility directive (power doors)

**Product Performance Levels :**

Water tightness	Class : PND*
Resistance to wind load	Class : PND*
Thermal transmittance	Class : PND*
Air permeability	Class : PND*
Durability of watertightness, thermal resistance and air permeability	Class : PND* (* ) PND : Performance not determined

<b>PRODUCT DESCRIPTION</b>	
Place of manufacture	31750 ESCALQUENS - FRANCE
Model	2-Leaf Gate.
Class of use	Gates manual or motorized.
Notified Bodies	CSTB - 24, rue Joseph Fourier - 38400 ST-MARTIN D'HÈRES

Escalquens, 30 May 2018

Mr Laurent LENZI  
Product manager



# Declaration of performance

## N°1301-RPC-PB

We, the undersigned, FTFM LA TOULOUSAINE, located in Escalquens (31676 Labège Cedex), declare that the products listed below comply with Annex ZA of standard NF EN 13241 + A2. Doors and gates for industrial and commercial premises and garages. (Products without fire or smoke protection features).

The main intended use is to provide safe access to goods and vehicles that are accompanied or driven by persons in commercial or industrial premises, or in public or residential buildings.

- The products concerned : The CSTB n°0679 carried out the tests required by the standard according to system 3.

- |                              |   |
|------------------------------|---|
| - Test reports n°BV07-467/A1 | issued by CSTB (Swing gate 5000x2000 mm). |
| - Test reports n°BV07-467/B1 | issued by CSTB (Swing gate 4000x2000 mm). |
| - Test reports n°BV07-467/C1 | issued by CSTB (Swing gate 4000x2000 mm). |
| - Test reports n°BV09-494/A1 | issued by CSTB (Swing gate 4000x2000 mm). |
| - Test reports n°BV09-771    | issued by CSTB (Swing gate 5000x2000 mm). |
| - Test reports n°BV10-165/A  | issued by CSTB (Swing gate 4000x2000 mm). |
| - Test reports n°BV10-165/B  | issued by CSTB (Swing gate 5000x2000 mm). |
| - Test reports n°BV13-979    | issued by CSTB (Swing gate 4000x2000 mm). |
| - Test reports n°BV13-982    | issued by CSTB (Swing gate 4000x2000 mm). |
| - Test reports n°BV13-983    | issued by CSTB (Swing gate 5000x2000 mm). |

Essential characteristics	Performance	Technical specifications
Water tightness	NPD	
Emission of dangerous substances	Passed	Complies with § 4.2.9 of standard NF EN 13241 + A2
Resistance to wind load	NPD	
Thermal resistance (if applicable)	NPD	
Air permeability	NPD	
Opens in complete safety	Passed	Complies with § 4.3.3 of standard NF EN 13241 + A2
Definition of the geometry of glass components	NPD	
Mechanical resistance and stability	Passed	Complies with § 4.2.3 of standard NF EN 13241 + A2
Operating forces (for motorized doors)	Passed	Complies with § 4.3.3 of standard NF EN 13241 + A2
Durability of water tightness, thermal resistance and air permeability with regard to deterioration	NPD	

May 30, 2018

Laurent LENZI  
Product Manager



