SLISEC

Automatic sliding doors

While the security of your customers and that of your assets are at the center of your building's architecture, its esthetics often cannot be too far behind. Headquarters, public institutions, commercial sites, etc., frequently have a certain image to uphold.

Fichet's established leadership in securing sensitive and valuable sites has once again paid off. That expertise has earned the SliSec some of the highest protections in terms of burglary resistance (P8B) and ballistic resistance (BR6) available today. From its materials (thick aluminum, bullet-proof glass, etc.) to infrared sensors or even its 5-point locking system, it has been designed in full compliance with the governing European Standards on sliding doors (EN 16005).

The SliSec automatic door can be installed in brick, aluminum and steel structure alike to integrate perfectly with your facade's requirements. You will be able to choose from a full array of colors (RAL) and make sure that your security system seamlessly integrates with your building's character. A clean design for a smooth flow of your most valuable assets.

The ability to tailor this door to your specific needs will give you the opportunity to truly optimize your security system. Choices and options include such indispensable features as striker plates, movement sensors, emergency opening devices, opening controls such as biometrics, PIN pads, etc. The SliSec is also available as a single leaf door or a double leaf door and the glass infill can be substituted for a solid one

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Technical characteristics

Materials

- Structure with 80-mm aluminum panels
- Electromagnetic brake or seritz 3000 for higher burglary protection
- 5-point mechanical lock
- Locking contact
- Cross security barrel
- Panel: Solid or glass
- Ballistic glass up to BR6-NS class (38mm)
- Burglary glass up to P8B class. For higher protection levels, up to RC5, consult your local Fichet contacts
- Blast resistance caused by an explosion (consult your local Fichet contacts)
- Closing safety radar
- Mechanism cover tamper switch
- Finish according to RAL color chart
- Espagnolette striker plate on the floor (double door)
- Management : Electronic board in the mechanism
- Roller guidance device: The floor guide of the leaf is done using a roller at the end. There is no ground element in the crossing area
- Airtightness with rubber seal and brushes

Optional equipment

- Barrel protected/attack side
- Espagnolette striker plate on the floor (single door)
- Automatic opening radar by motion detection
- CO48 emergency opening device, glass breaker unit
- Opening command (Button, Reader, Keypad, etc.)
- SoloTek Single person detection (applied)
- SpotScan security detector (to be defined according to the environment)
- Emergency batteries

230 VAC - 50-60 Hz power supply.
Average consumption: 75 W/h.
Mechanism delivered mounted on structure.

Installation

The SliSec automatic door is designed to be applied on different types of structures: masonry, aluminum or steel frame.

Security

- Complies with EN 16005 (defines the safety rules applicable to a motorized sliding door).
- SpotScan detector (secures the opening of the door in case of obstacle).
- IXIO type infra-red detectors (secures the opening width). The security of the door is achieved by two infrared curtain radars which prevents any contact with the door closing and limiting thrust forces.
- The SpotScan detector secures door opening by preventing them from hitting obstacles. It is mandatory if the door is less than 200 mm from an obstacle (wall, etc.) when open.
- Infrared detectors provide a reliable and powerful presence detection and detect any individuals in the way or obstacles impeding/preventing the doors from closing.
- In addition we offer a wide choice of equipment for access control: badge, biometrics, etc. Airlock slave mode, two or more doors slaved to each other to control people's access.
- In compliance with French regulation CO48, an emergency opening device can open the doors using intrinsic mechanical energy without any other source of energy.

Operation

Normal operation

In normal operation, the door is closed by default. When a user gives an opening command (call button, badge reader, etc.) the door opens. After some time, the door closes automatically. If there is an obstacle during the opening, the door stops, when there is an obstacle during closing, the door opens again and then closes.

APPLICATIONS

- Public services
- Headquarters
- Commercial sites
- Defense and army
- Cash centers...

ADVANTAGES

- Reinforced opening system for maneuvering heavy leaves
- Armored glazing
- Safety of users by radar and limitation of opening efforts
- Electromagnetic lock and 5-point mechanical lock

SUMMARY

- Automatic door 1 or 2 leaves
- Burglary resistance up to P8B (according to EN 356)
- Ballistic resistance up to level BR6/FB6
- Blast resistance (optional)
- Compliance with evacuation standards: CO48

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The 5-point mechanical lock allows manual locking with a key; in this case no opening is possible, including during an emergency opening.
During a power failure, several cases may occur:

- If the door is mechanically unlocked and not equipped with option CO48, the door remains in the closed position but can be opened manually.
- If the latter is equipped with the CO48 Emergency System, the door opens automatically.
- If the door has a battery backup, it will continue to operate normally as long as the battery allows it.

Operating mode

- Access control mode.
- Interlocking door mode (servo with 2 or more doors).
- Free mode.

Standard technical specifications

Model	Type	Overall dimensions of the mechanism (mm)		Free passage dimensions (Mm)		Aluminium frame	Panel
		Width	Height	Width	Height		
SliSec 1D	Sliding door 1 leaf	1735/6004	2215/3715	700/2834	2000/3500	Leaf thickness 80mm	BR6 Glass or Solid
SliSec 2D	Sliding Door 2 leaves	2280/6004	2280/3715	900/2766	2000/3500	Leaf thickness 80mm	BR6 Glass or Solid

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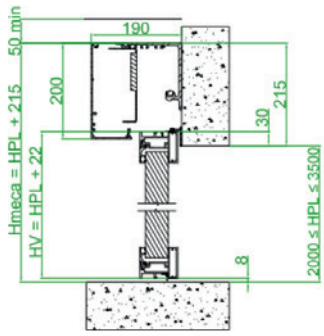
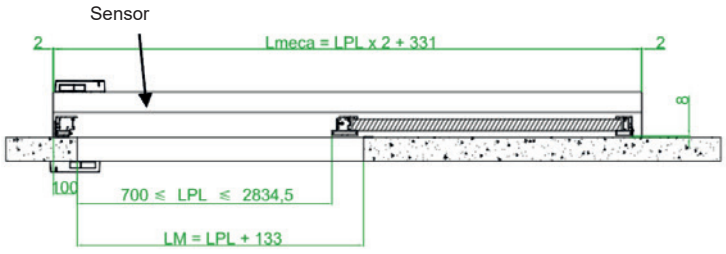
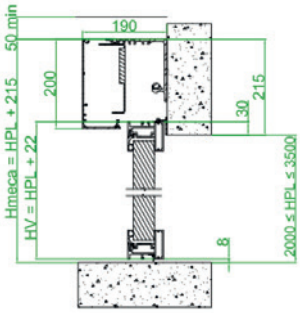
SliSec 1D Dimensions

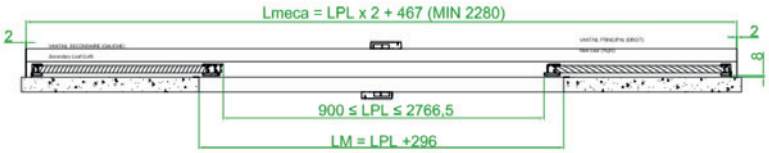




1 leaf sliding door

SliSec 2D Dimensions





2 leaves sliding door

Weight:

450 kg max (one solid leaf) SliSec 1D/if CO48 = 200 kg max.
300 kg max (one solid leaf) SliSec 2D/if CO48 = 220 kg max per leaf.

Note:
For specific sliding doors with manual attack resistance for up to RC5 or blast resistance, please contact your local Fichet offices.

Model :
SliSec 1D et SliSec 2D

Manual Attack Resistance

Ballistic Resistance

Emergency Exit

Eco-design

Recyclable Product

Energy Savings