



Single Sliding Door

with aluminum rail – the customer's most common choice

When choosing a door for mesh walls, there are several parameters to consider. What should the door be used for? What function should it have? In what environment should the door be located? What safety features are needed? Here you will find information about what is important to consider when choosing a guard door and when it is appropriate to choose a single sliding door with aluminum rail.



What to consider when choosing a guard door

When choosing a safety fence door, there are several parameters to consider. Choosing the right door means that it does not pose a danger to the surroundings and that there is no risk of collision with objects or persons, or even crushing of limbs. Some important questions to consider are:

- What type of safety guard door fits the available space?
- Will it achieve the required level of protection?
- How frequently will it have to be opened/closed?
- Can locks and interlocks (safety switches) be installed?

The first thing you should do is, figure out the function of the door and the characteristics of the surroundings. Often, a door chosen is not suitable for the environment or takes up too much space. The choice largely depends on the purpose: will the door serve as a passage for staff, material entrance/exit, or for some other function? However, sliding doors should not normally be used as emergency exit doors, because some people might not be able to open the door fast enough if panicking.

When is the single sliding door with aluminum the best choice?

All of Axelent's protection doors fulfill the Machinery Directive 2006/42/EC's requirements for movable guards on the market. From our range of safety doors, the single sliding door with aluminum rail is often used when there is too little space to open a regular hinge door and where easy opening is desired. For example, the door is used in high-bay warehouses and for truck aisles.

The advantage of all doors in Axelent's range - the single sliding door is no exception to this - is that you do not need any specific panels for the doors. A fixed fencing panel can be converted into a sliding door.

Suitable for most environments

The environment in which the machine safety door is to be installed is important when making the decision, because there are doors which are not suitable for all types of surroundings. For example, a humid environment can affect the condition of the door. However, our single sliding doors can be used in most environments. For example:

- Industrial and warehouse premises
- High-bay warehouses
- Storage solutions
- Openings in area boundaries



Does the door need to be supplemented with other products?

What is inside the fence door usually determines the choice of lock and safety function. Storage of simpler tools does not normally require installation of switches and sensors. However, they will be required to prevent access to hazardous machines and robots. Therefore, be sure to take the following into account:

- The purpose
- Lock selection
- If a safety switch is required
- Who/what will pass through the door
- What is behind the door

The door needs to be supplemented with some form of lock and in many cases also a safety switch. This is to prevent personal injury if the door is used to access machinery, but also to avoid downtime of machines. Another useful complement to the door are our cable trays. Use of wire trays prevents clutter in storage areas and promotes a clean and tidy space around the production facilities. If the guard fence must be higher, the door panels can be extended.

PRODUCT INFORMATION

The single sliding door with aluminum rail is available with a minimum opening of 2200 to a maximum opening width of 5700 mm. Maximum height is: 4500 mm

The door's width and height are determined based on the choice of panel.

ADVANTAGEOUS FEATURES :

- No special panels are needed for the door
- Suitable for most environments and work areas
- Ideal choice when there is a lack of space
- Can be used together with our cable trays



Contact your local salesperson for more information!