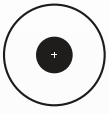




GERMAN
**INNO
VATION**
AWARD '21
WINNER



BIGSEE
PRODUCTDESIGN
AWARD 2021
WINNER

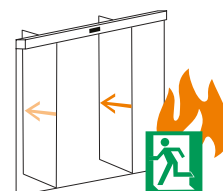
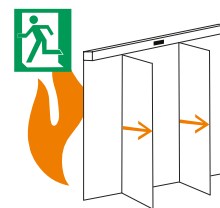
500_

On the safe side
of fire



doorson

500_



Fire automatic sliding doors combine the functions of standard sliding opening/closing with fire protection and a safe escape route without compromise. Fire resistance EI30 and EI60 are used to separate fire sectors and prevent fire spread in the building. In normal circumstances product line 500 functions as a standard automatic sliding door, providing easy going in-out.

In case of an emergency or fire alarm, the sliding door 500 F reliably closes, which creates a barrier that prevents the spread of fire. While 500 EF and 500 EFS additionally transform from a sliding operation to a swing operation and provide a safe evacuation and rescue.

The 17 cm drive presents a line shape that integrates into any architecture. Be impressed by reliability, security, robustness and advanced functionality. The system is equipped with a built-in sensor that provides automatic opening and safety closing. To increase the safety opening, side safety sensors are integrated.





17 cm
drive height

built-in
sensor
for pedestrian safety

fire exit
for safe rescue

EI30 | EI60
fire protection



Provide a comfortable, safe and secure access for everybody.



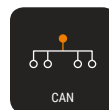
The easiest way to control your door from anywhere and anytime.



Warnings and errors description.



Doors are connected to the cloud. Solve your problem remotely.



Door controller is CAN connected with sensors, switches and smart devices.



Advanced security becomes possible with advanced technology. Your safety is our highest priority.



Safe escape route in case of an emergency or fire alarm.

500 F | fire sliding door

Safety barrier

Fire sliding door 500 F functions as a standard automatic sliding door and provides a comfortable everyday transition through the door with a fire resistant ability that divides the two fire sectors on NON ESCAPE routes.

It is constructed for 30 or 60 minutes fire resistant fully expanded, from both sides of the door.

In case of an emergency, fire alarm or power failure, the mechanical spring system closes the door and keeps it closed. Escape is not possible.

The closed door resists the fire, which prevents the flames and heat radiation to spread from one sector to another.



500 EF | escape fire sliding door

Safety rescue

Fire sliding door 500 EF functions as a standard automatic sliding door that is convenient for all working spaces. It provides a comfortable everyday transition in-out with fire resistant ability, which divides the two fire sectors on ESCAPE routes.

In case of an emergency, fire alarm or power failure, the mechanical spring system closes the door, which then, in a few seconds, transforms into a swing door. Safe evacuation is provided by swing opening, self-closes after that.

A swing opening is provided in the escape direction by pressing the panic bar and pushing the door. On the opposite side of the door, in the rescue direction, a swing opening is enabled by pressing the door handle and by pulling the door.



Swing opening variety:
panic PUSH bar,
bi-fold PULL handle



500 EFS | escape fire sliding door

Easy safety rescue

Fire sliding door 500 EFS functions as a standard automatic sliding door that is convenient for hospitals, working places, hotels, shopping malls and other public places where safety is first. Its fire resistant ability divides the two fire sectors on ESCAPE routes.

In case of an emergency, fire alarm or power failure, the mechanical spring system closes the door, which then in a few seconds, transforms into a swing door. Safe evacuation is provided by swing opening, that self-closes after that.

A swing opening is provided in the escape direction by pushing the door. On the opposite side of the door, in the rescue direction, the door simply opens by pulling the door with a flush handle.

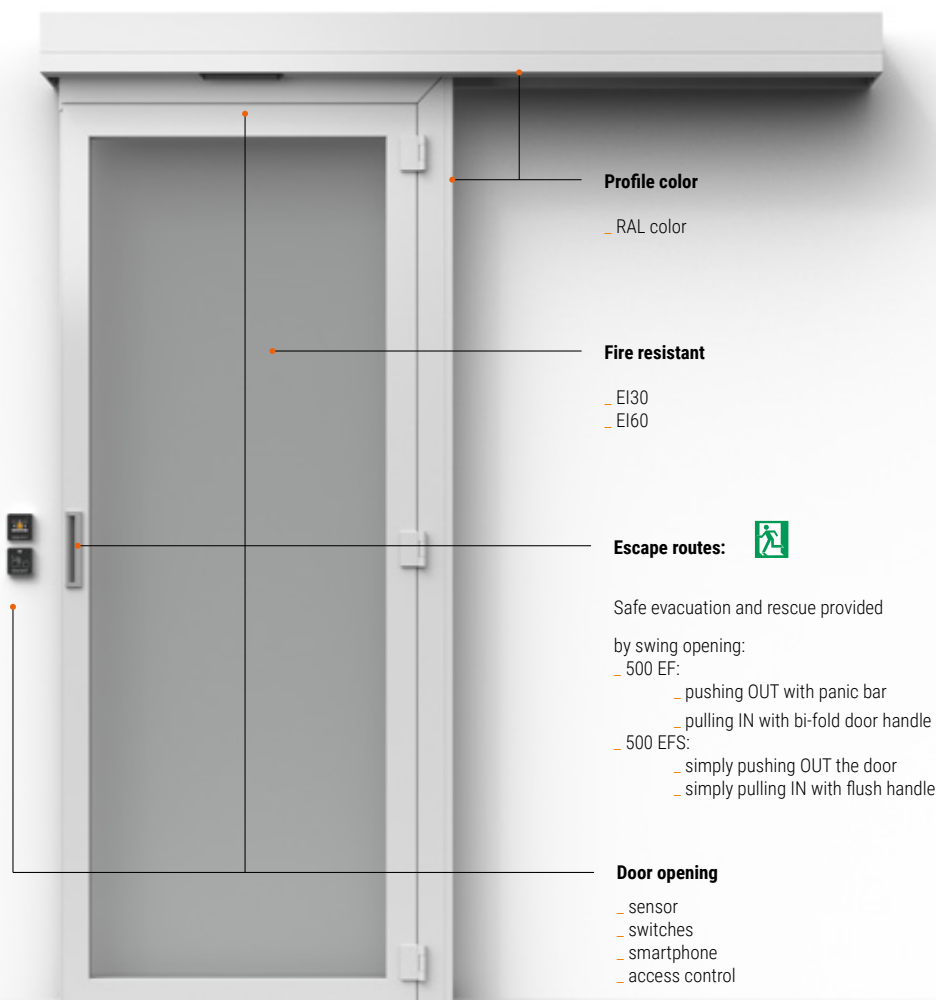


Swing opening variety:
PUSH to open,
flush PULL handle



Customize your door

Choose your assembly, choose your function



Profile color

- _ RAL color

Fire resistant

- _ EI30
- _ EI60

Escape routes:



Safe evacuation and rescue provided

by swing opening:

- _ 500 EF:
 - _ pushing OUT with panic bar
 - _ pulling IN with bi-fold door handle
- _ 500 EFS:
 - _ simply pushing OUT the door
 - _ simply pulling IN with flush handle

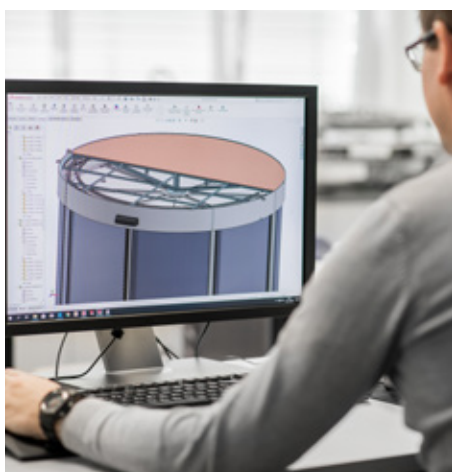
Door opening

- _ sensor
- _ switches
- _ smartphone
- _ access control

Technical data | 500 product line

USE	interior/exterior, escape routes/non escape routes
DRIVE	height 170 mm
FIRE RESISTANCE	EI30, EI60 with mechanical sliding and swing self-closing ability
WEIGHT	max. 300 kg per sliding leaf
OPENING - CLOSING SPEED	0.3 - 0.7 m/s (adjustable)
OPENING TIME	0 - 15 s (adjustable)
POWER CONSUMPTION	max 300 W/230 V
INSTALLATION	wall installation
LEAF	GLASS: EI30: 15 mm, EI60: 23 mm PANEL: EI30: 26 mm, EI60: 38 mm
PROFILE COLOR	RAL color
GLASS COLOR	fire safety transparent glass
DOOR OPENING	sensor, smartphone, switches, access control
SECURITY	infrared-microwave activation sensors
FUNCTIONALITY	switching between different door regimes: OPEN, CLOSE, STOP, AUTO-SUMMER, AUTO-WINTER, ONE WAY-SUMMER, ONE WAY-WINTER warning diagnosis by COM20
STANDARDS*	EN16005, DIN18650, EN1154, EN 13501-2, EN 16034, EN14351-1, EN14351-2, EN16361, EN179, EN1125, EN 1155, EN 14600

* depends on the door type



doorson

Doorson d.o.o.
Milenkova 9
2000 Maribor, Slovenia

+386 2 460 55 60
info@doorson.com
www.doorson.com