

# SPEEDSTILE FL<sup>S</sup>

BA | EV



PRODUCT DATA

# SPEEDSTILE FL<sup>S</sup>

## Flap Leaf Speed Gate for Internal Installation

Motorised flap leaves

Minimal footprint, transparent and user-friendly design for all users, for sites where limited space is required and aesthetics is important. Quiet and smooth in operation, this Gunnebo Speed Gate concept design is available in the BA finish with square-ends or in the EV version with round-ends, both with a selection of cabinet lengths and flap leaf widths, [selection of high leaves up to 1800mm available](#), top lid materials, finishes and options.

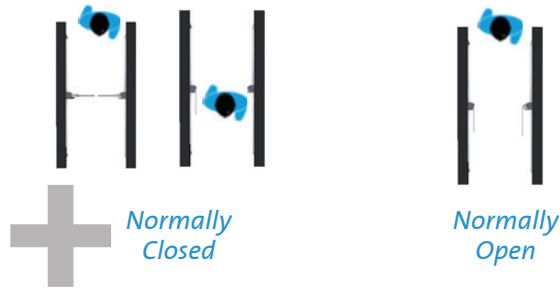
[One-Leaf Service-Gate solution for extra wide service passage, also available.](#) Applications include Leisure, Government, Finance, Banking, Retail, Telecommunications, Information Technology, Publishing, Education...



SpeedStile\_FL<sup>S</sup>\_BA\_EV\_2.3\_EN












### MODE OF OPERATION

Passage in one or both directions is electronically controlled. On receiving a signal from the access control system, or remote control, the flap leaves open (Normally Closed NC). If an unauthorised person tries to tailgate or attempts to enter from the opposite direction, the in-built alarm system is activated.

If within the pre-set timeout no passage has occurred, the lane will close and reset. Normally Open N/O provides an open walkway in rest position and will only close at unauthorised entry or tailgating attempts.

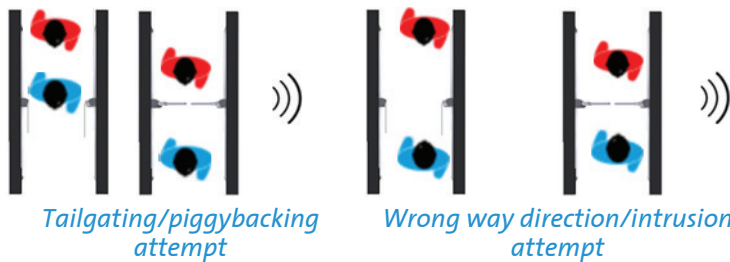


Normal Use (steady)		Alarm Conditions (flashing)
	<b>Green arrow</b> Authorised use or designated free passage Proceed through the unit	<b>Emergency / Fire exit</b>
	<b>Red cross</b> (Unit in use or no passage) Passage not authorised	<b>Alarm, fraudulent condition or technical alarm</b>

											
<b>Standard</b>	•	•	•	•	•	•	○	○			○
<b>Wide</b>	•	•	•	•	•	•	○	○	•	•	•

Plain dot indicates the functionality is implemented, empty dot indicates with some limitations, no dot indicates not available.

### SECURITY FEATURES



*Fraud Detection through sophisticated and proven algorithm*

- Intrusion
- Tailgating
- Piggybacking
- Wrong way direction
- Leave aisle timeout



### SAFETY FEATURES

- Safety force sensing
- Safety light curtain (option)
- Accurate presence sensing
- Emitter/receiver infrared sensors technology
- Logic voltage 24 V dc
- Voltage free contact input for Fire Alarm fail state
- Manual push opening on power off
- Anti-panic push opening in operation
- Wide walkway for wheel chair or easier access
- Accompanied wheelchair or child passage management

*For security and safety reasons children must be supervised by an adult at all times in the vicinity of an active lane.*

*Any child being escorted through the lane must always precede the accompanying adult during passage.*



## DESIGN / CONSTRUCTION

Available versions are the **BA** with square ends and the **EV** with round ends, both in Stainless Steel and glass finish. Available cabinet design construction (for both versions)

- 1200mm length**
- 1400mm length**
- 1870mm length**

**Glass leaves selection height**  
**880, 1200, 1500 and 1800mm**  
**available for any length.**

**Standard** passage way 600mm and **Wide** passage (900mm) available. Available also as **Combi** - centre cabinet with narrow (600mm) passage in one side and wide (900mm) passage on the other side

LED display pictogram indicators flush mounted on the column drive post, with illuminated symbols.

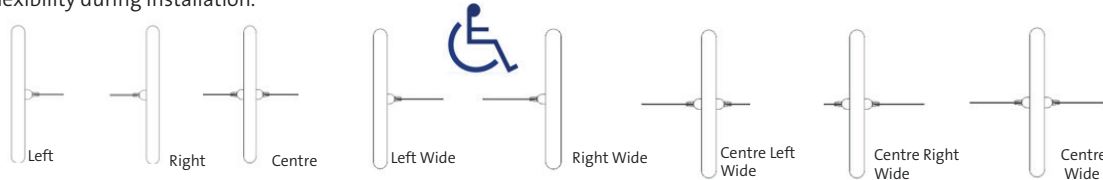


Green Arrow



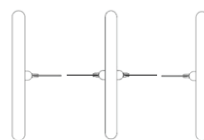
Red Cross

available pre-assembled and also in a kit form for a maximum flexibility during installation.

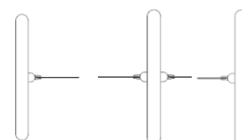


In order to create a lane it is necessary to have one right and one left cabinet. To create more than one lane, use one or more centre or combi cabinets. Select cabinets according to the number of lanes and passage width desired.

Two lane configuration comprising of 1N°L, 1N°C and 1N°R cabinets



Two lane configuration comprising of N°1 LW, 1N°CLW and 1N°R cabinet.

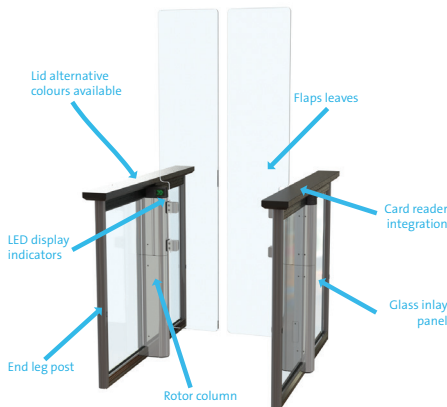


## FINISHES

BA and EV versions share the same chassis, plinth and end leg posts and rotor column finishing in 304 grade stainless steel and glass inlay 10mm thick.

Standard finishes further comprise:

**Lid**  
**Lid, optional finish**



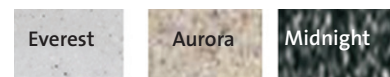
**BA**

**Black technopolymer (square ends)**  
**Applied selection and more available**

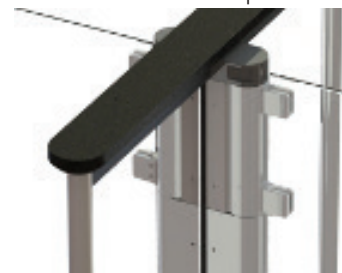


**EV**

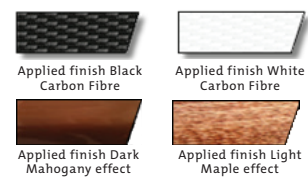
**Black technopolymer (round ends)**  
**topped with Solid Corian selection**



Detail of FLS<sup>S</sup> EV round top lid



Topped with applied finish selection:



## OPTIONS & ACCESSORIES

- Alternative finishes and materials
- Light curtain safety kit
- Card reader integration
- Clear acrylic wings
- Remote control systems
- Preassembled or in a kit form
- One-Leaf Service Gate version to pair with adjacent FLS lanes

## ACCESS SPECIFICATIONS

Flow rates by type of Reader (1)			Disabled Access	Emergency Egress
Insertion Type	Swipe	Proximity		
20 PASSAGES / MN	30 PASSAGES / MN	40 PASSAGES / MN	● (2)	● (3)

- (1) Approximate figures
- (2) 900mm net passage way and algorithm able to manage wheelchair access
- (3) In the event of a power failure the flap leaves will remain in the current position.

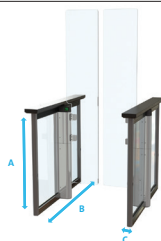
## ELECTRICAL DATA & CONDITIONS OF USE

Power Supply	Power Rating	Fire Signal	Operating Temperature	IP Rating	Noise Level
230VAC 50HZ(1)	20VA STAND BY 120VA IN OPERATION	INPUT FOR VOLTAGE FREE CONTACT	+5°C TO + 40°C RH 95% NO CONDENSING	IP20	LESS THAN 55dB(2)

- (1) 115Vac 60Hz also available
- (2) Note: Average background noise in office environment is 50-55dB

## DIMENSIONS & WEIGHTS

	Glass leaves Overall Height Selection	Passage Width	A Cabinet Height	B Cabinet Length	C Cabinet Width	Weight (kg)	
						Side Cabinet	Centre Cabinet
STANDARD 1200	880, 1200, 1500, 1800	600	940	1200	120	60	75
WIDE 1200	880, 1200, 1500, 1800	900	940	1200	120	63	81
STANDARD 1400	880, 1200, 1500, 1800	600	940	1400	120	65	80
WIDE 1400	880, 1200, 1500, 1800	900	940	1400	120	68	86
STANDARD 1800	880, 1200, 1500, 1800	600	940	1870	120	75	90
WIDE 1800	880, 1200, 1500, 1800	900	940	1870	120	78	96



(1) add 65mm for side cabinet or 130mm for centre cabinet due to column rotor

dimensions in (mm), weight net (kg), might require lifting equipment. For details refer to installation detail drawings

## INSTALLATION & MAINTENANCE

Product Delivery	Application	Site Preparation (1)	Cablings & Conduits (2)	Control Board Location	Systems Integration(5)	Maintenance Access	MTTR(3)	MCBF(4)
PRE-ASSEMBLED OR KIT FORM AS OPTION	INDOOR	FLAT & LEVEL FINISHED FLOOR +/- 5mm	THROUGH THE GROUND	INTO ROTOR COLUMN	27 DIGITAL INTERFACE I/O RS232 RS485 SETTINGS PROGRAMMABLE VIA PARAMETERS	DRIVE COLUMN AND LID ACCESS	LESS THAN 30 MINUTES	4 MILLION (5 MILLION if NO - Normally Open)

- (1) Bolting depth MIN 70mm, concrete MIN fckcube30N/mm2 resistance, MIN 1300 (1500 or 2000 depending on the cabinet length) x 400 x150mm deep
- (2) Running MIN 140mm below finished floor level, should rise MIN 50mm from foundation
- (3) Mean time To Repair
- (4) Mean Cycle Between Failure
- (5) Potential free contact for card reader input. New Electronic Platform with in-built RS485 and COMR1 switching interface

It is the customer's responsibility to ensure the structural integrity and strength of the installation location. Data provided is for information only, please refer to your usual Gunnebo Customer Service contact in order to prepare the installation site.

THE JOURNEY TOWARDS A SAFER WORLD STARTS AT THE ENTRANCE

### CONTACT US FOR MORE INFO

Gunnebo Entrance Control Ltd  
 Bellbrook Business Park, Uckfield, TN22 1QQ  
 United Kingdom  
 Tel. +44 1825 761 022  
 Email. info.entrancecontrol@gunnebo.com  
 Web. www.speedstile.com



**GUNNEBO®**  
 For a safer world