

# High-speed folding doors

Combining the perfect aesthetics and functionality

F Series



**EFAFLEX**   
safe high-speed doors



ARENA CONTROL

4.0m

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# F Series

Doors in the F Series from EFAFLEX open at high speeds and are extremely durable. They protect against noise and draughts, save energy, and impress with their good heat and sound insulation properties.

In addition, the horizontal folding movement of the high-speed folding doors ensures that the full clearance height is completely free.





3/C

# The folding door for outside and inside.

## EFA-SFT®

The EFA-SFT® combines functionality and aesthetics. Due to the modular structure, it is easy to repair and low-maintenance. Particularly large doors are fitted with special floor stoppers, to additionally stabilise the closed wing in the middle area. If necessary, the integration of pedestrian doors is also possible.

### GALVANISED STEEL & CORROSION-FREE ALUMINIUM

The EFA-SFT® is made of aluminium and steel, a combination for the highest quality standard. The supporting parts of the EFA-SFT® are made from galvanised steel sheet as standard. The door leaf is made of anodised, corrosion-free aluminium and is fitted with single pane acrylic glass, which lets lots of daylight into the building. Optionally, double glazed insulating glass guarantees you excellent thermal insulation with high-speed fold doors.

### FULL CLEARANCE WITHOUT DELAY

The horizontal folding movement of the high-speed fold door ensures that the full clear height is completely clear. Even a EFA-SFT® door several metres wide and tall can achieve speeds of up to 2.5 m/s. In the interior area, this advantage ensures flawless sequences. Outdoors, the high opening and closing speeds effectively help to save energy. In addition, F Series doors are extremely resilient. They protect against noise and drafts, save energy and impress with good heat and sound insulation properties.

### REMOTE LOCKING

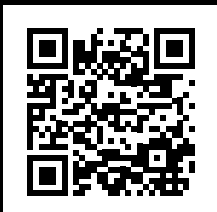
The EFA-SFT® can be equipped with a comfortable remote locking mechanism. It can be operated from the control box or an external key switch. If necessary, the door can be unlocked from the inside with a lever and opened by hand.

### EFA-SFT® AT A GLANCE:

- Fast, robust, economical
- Minimal space requirement
- Excellent price-performance ratio
- Opening speed up to 2.5 m/s
- Closing speed up to 1.0 m/s
- Up to 150,000 operating cycles p.a.
- Standard sizes up to w=5,250 mm, h=7,000 mm



The wings of the high-speed folding doors are connected using a refined cardan joint which disperses any incidental tensions that may arise during opening. This simple but effective method guarantees low maintenance and smooth operations for years to come.




For more information on our high-speed folding doors visit:  
[www.efaflex.com/f-series](http://www.efaflex.com/f-series)






## Customised configuration options.

The extraordinarily heavy-duty curtains can be delivered fully transparent or in different colours.

 RAL 1021  
Colza yellow

 RAL 2008  
Bright red orange

 RAL 3002  
Carmine red

 RAL 5002  
Ultramarine blue

 RAL 6005  
Moss green

 RAL 7016  
Anthracite

 RAL 7035  
Light grey

 RAL 9010  
Pure white

 RAL 9016  
Traffic white

# Technical data

## High-speed folding doors

		F Series			
		EFA-SFT®			
		Double leaf	Single leaf	Double leaf	Single leaf
Size		L	L	S	S
Application	Interior door	○	○	○	○
	Lock-up doors	●	●	●	●
Wind load max.*	According to DIN EN 12424 class	4	4	3	3
Operating forces/safe closing	According to DIN EN 13241 class	fulfilled	fulfilled	fulfilled	fulfilled
Resistance against water ingress*	According to DIN EN 13241 class	0	0	0	0
Air permeability*	According to DIN EN 13241 class	0	0	0	0
Direct airborne sound insulation R <sub>w</sub> *	in dB according to DIN EN 717-1	21	21	21	21
U value maximum*	in W/m <sup>2</sup> K according to DIN EN 13241	4.88	4.88	4.66	4.66
Door size (in mm)	Width W max.	3,750	1,750	5,250	3,000
	Height H max.	3,750	3,750	7,000	7,000
Maximum door leaf speed*	in m/s	2.0	2.5	2.0	2.5
Average speed, approx.*	Opening in m/s	1.8	1.8	1,8	1.8
	Closing in m/s	1.0	1.0	1,0	1.0
Steel design	Galvanized sheet steel frame	●	●	●	●
	Stainless steel	–	–	–	–
	Powder coated in RAL colours	○	○	○	○
Door leaf	EFA-THERM® laths insulated/painted	–	–	–	–
	Vision panel single-walled/double/triple	●/○/–	●/○/–	●/○/–	●/○/–
	non transparent infill single-walled/double	○/○	○/○	○/○	○/○
	Colour according to RAL (without vision panel)	○	○	○	○
	Door leaf modules made of anodized aluminium E6 / EV1	○	○	○	○
Fire class	Building Material class DIN 4102	B2	B2	B2	B2
Designed for approx ... operating cycles per year		150,000	150,000	150,000	150,000
Drive	Electric motor	●	●	●	●
Control	EFA-TRONIC®	●	●	●	●
	EFA-TRONIC® Light	–	–	–	–
	EFA-TRONIC® Professional	○	○	○	○
	Main switch and foil keypad	●	●	●	●
Lead	Electricity connection 230 V/50 Hz	●	●	●	●
	Circuit breaker	16 A (K)	16 A (K)	16 A (K)	16 A (K)
Manual locking		○	○	○	○
Emergency operation	Manual activation	●	●	●	●
Safety Devices	Contact edge	●	●	●	●
	Light barrier	●	●	●	●
	Approach area monitoring	○	○	○	○
	Light grid, external	○	○	○	○
Safety system including activator	EFA-SCAN® bollard	○	○	○	○
	LZR®-WIDESCAN	–	–	–	–

● Standard, ○ upon request, – Not available,

\* Depending on door leaf, guide of door leaf and door size, we reserve the right to make technical alterations!

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EFAFLEX® is a registered and legally  
protected trademark.

Subject to technical changes. Some  
diagrams depict special features.

Overall design:

[www.creativconcept.de](http://www.creativconcept.de) 09 | 2024

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