

Folding door

ASSA ABLOY FD2050F

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in door opening solutions



Folding door for daylight inlet and product exposure

The ASSA ABLOY FD2050F folding door is one of the most stable folding doors on the market.

It is a folding door suitable for use in premises with high daylight admission demands, or buildings used for product exposure such as showrooms. The highly adaptable design makes it possible to install this door in almost every type of building.

The door slides (folds) to the left, right, or in both directions if it is in two parts.

The door is made of aluminium profiles, filled with sandwich infills or acrylic/glass windows. The high daylight admission makes this door the ideal choice for working environments that require maximum lighting.

The door can be installed on either the inside or the outside of the exterior wall. A wide range of options is available to suit the appearance of the existing building.

Reliability

The ASSA ABLOY folding door program has been developed in accordance with the ISO 9001 Quality Assurance System and the ISO 14001 Environmental Management System.

Low maintenance costs

The ASSA ABLOY folding doors contain few moving parts, which means less wear and tear and, consequently, less maintenance. Electrically operated doors have a soft start and stop function which extends product lifetime and reduces service demands.

High safety and security

The entire door opening process is visible, reducing the risk for unnecessary collisions. A pedestrian pass-door can be integrated in any section of the main door. The pass-door can be equipped for emergency exits. Manual doors are supplied with integrated Cremone lock bolt and handle inside as standard. Cylinder locks are available as options.

Working environment and ergonomics

The safety features together with a high insulation value, contribute to a safe and good working environment. Manual doors are easy to operate, thanks to the ergonomic design in the small details.

Technical Data

Standard size up to (W x H) ¹	7590 x 6000 mm	
Frame thickness	50 mm	
Filling	acrylic/glass/panels	
Colours		
Frame	standard	anodized RAL 9006
	optional	unlimited
Fillings	standard	anodized RAL 9006
	optional	unlimited
Pass-door (optional)	built in doorleaf doorleaf as a pass-door	
Thermal transmittance, EN 12428 ²	3,75 W/(m ² K)	
Wind load, EN 12424 ³	class 2	
Air permeability, EN 12426	class 2	
Water penetration, EN 12425	class 2	

1) Other sizes available on request 2) 4000 x 4000 mm, 2 + 2, 2 rows windows type DAD/DAS 3) Higher wind load on request

Dimensional specifications

DLW = Daylight Width
DLH = Daylight Height
OH = Headroom
SL = Side space Left
SR = Side space Right
D = Depth

Manual Electrical

Configuration	Manual			Electrically Operated						Minimal Depth (SW 553 - 1253) + 180						All Dimensions in mm						
				Operator left			Operator Right			Operator Center												
	SL	SR	OH	Without cover		With cover	Without cover		With cover	Without cover		With cover	Without cover		With cover	Without cover		With cover				
0+2	150	185	150	155	300	235	175	300	270	150	500	235	150	525	270	Not Applicable						
2+0	185	150	150	440	300	235	460	300	270	300	500	235	300	525	270	Not Applicable						
1+2,2+1	185	185	150	Not Applicable												Not Applicable						
2+2	185	185	150	440	85	235	460	150	270	300	215	235	300	240	270	300	300	300	300	300	375	395
1+3,3+1	185	185	150	Not Applicable																		
2+3,3+2	185	185	150	Not Applicable																		
3+3	185	185	150	Not Applicable																		

Panel options

Windows
Different window types available:

- Double Acrylic (single or double sealed)
- Single Acrylic
- Single Hardened glass

Infills
Different outside + inside available:

- Stucco + stucco aluminium
- Stucco + smooth aluminium
- Smooth + smooth aluminium

Options access and automation

For manually operated folding doors a handle and a cremone lock can be used. The cremone lock works without a key, although a separate key and cylinder can be installed for extra security.

For electrically operated doors a control unit is installed beside the door. Additional automation system like a radar, remote control, automatic closing, traffic lights, etc are available.

Standard available outside colours

