

Folding door

Crawford FD2050P

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in
door opening solutions



The folding door for demanding, industrial applications

The Crawford FD2050P folding door is one of the most stable folding doors on the market. It is a well insulated folding door especially developed for demanding industrial environments. High flexibility 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, leaving the door opening completely free.

The door is made of aluminum tubular profiles, profiled steel sheets and injection moulded foam to make a stable sandwich construction.

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.

The Crawford FD2050P folding door has been designed to meet all operational and safety requirements in the European Directives and the standards issued by the European Standardization Committee, CEN.

Reliability

The Crawford 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 Crawford 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 Cremona 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
Windows	rectangular, in 3 different sizes
Colours standard	5
optional	unlimited
Pass-door (optional)	built in doorleaf doorleaf as a pass-door
Thermal transmittance, EN 12428 ²	1,7 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
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					
	SL	SR	OH	Operator left			Operator Right			Operator Center			Operator Center			Operator Center					
				Without cover	With cover	Without cover	With cover	Without cover	With cover	Without cover	With cover	Without cover	With cover	Without cover	With cover						
0+2	175	210	150	175	350	235	175	350	270	175	550	235	175	575	270	Not Applicable					
2+0	210	175	150	490	175	235	510	175	270	350	550	235	350	240	270	Not Applicable					
1+2,2+1	223	223	150	Not Applicable												Not Applicable					
2+2	235	235	150	490	350	235	510	350	270	350	215	235	350	575	270	350	350	375	350	350	395
1+3,3+1	235	235	150	Not Applicable												Not Applicable					
2+3,3+2	248	248	150	Not Applicable												Not Applicable					
3+3	260	260	150	Not Applicable												Not Applicable					

Windows

All windows are double sided insulated hardened glass. The window frame is made of black polycarbonate and is burglar proof.

Different sizes available:

- 410 x 505 mm
- 410 x 1105 mm
- 245 x 555 mm
- 260 x 405 mm (for pass-door)
- 260 x 1005 mm (for pass-door)

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

	Red RAL 3002		Blue RAL 5010		Anthracite grey RAL 7016		Other colours
	Grey white RAL 9002		Light grey RAL 9006				