ASSA ABLOY Entrance Systems

Γhe global leader in door opening solutions



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# **Technical facts**

## **Features**

Max size: (W x H)	5020 mm x 5000 mm
Frame thickness:	50 mm
Frame material:	Aluminium
Filling:	Windows or infills
Colour outside:	Anodised alumiunium
Colour inside:	Anodised alumiunium
Windows:	Options: DH4S, SH4
Infills:	Options: FA, FA1, FA2
Passdoor:	Optional: built in door leaf, built in fixed section, leaf as passdoor
Electrical operation:	Manual operation, Electrical operation Automated operation, Access control, Safety functions

## Performance

Life time expectations:	Door: 100.000 door cycles/10 years
Wind load, EN12424	Class 2 *
Thermal transmittance, EN12428	4,3 W/(m².k) **
Water penetration, EN12425	Class 3
Air permeability, EN12426	Class 2

<sup>\*</sup> Higher wind load classification on request

<sup>\*\*</sup> Door configuration 3000 mm x 3000 mm, 2+2 2 rows window type DH4S 4 rows infills

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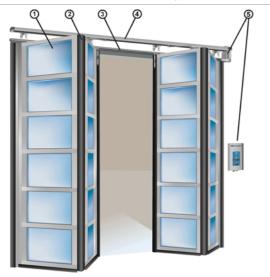
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# 1. Description

## 1.1 General

The Crawford FD2050FCW folding door is one of the most stable folding doors specifically designed to cope with the harsh and humid environment in car wash halls or similar applications. The door is made of anodised aluminium tubular profiles with special anti-corrosive features. It is filled with aluminium infills or glass windows. The anti-corrosive features and high light admission makes this door the ideal choice for car wash environments that require maximum lighting. The door is installed on the outside of an external wall, which makes it possible to minimise the size of the car wash hall and prevent drops on cleaned cars. A wide range of options is available to suit the appearance of the existing building. The Crawford FD2050FCW 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.



The Crawford FD2050FCW folding door has 5 primary parts:

- 1) Door leaf
- 2) Seals
- 3) Track
- 4) Transmission system (electrically operated door)
- 5) Operating system (electrically operated door)

#### 1.1.1 Standard

Although every Crawford door is custom built, the Crawford FD2050FCW folding door is supplied with the following specifications as standard:

Door leaf:	Aluminium frames with infills or windows
Operation:	Manual: Auto lock in open position Electrical: 950 door control system
Locks:	Cremone lock inside (manual operation)
Colours:	Anodised alumiunium
Number of door leaves:	2 door leaves per side.
Safety:	Side cover

### 1.1.2 Options

Crawford provides a wide range of options and accessories to customise the Crawford FD2050FCW folding door to any customer's needs.

Passdoor:	Built in door leaf Built in fixed section
Windows:	SH4: Single glazed Hardened pane 4 mm DH4S: Double glazed Hardened pane 2 x 4 mm
Infills:	FA: Mill finished stucco aluminium sheet outside and inside FA1: Mill finished stucco aluminium sheet outside, smooth aluminium inside. FA2: Smooth 1 mm anodised aluminium sheets, outside and inside.
Locks:	Assa lock box Euro lock box Kaba lock box Abloy lock box
Operation:	Delivered with or prepared for: Key locks system Automated operation, safety functions.

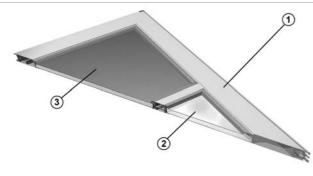
## 1.2 Door leaves

#### 1.2.1 Construction

The Crawford FD2050FCW folding door comprises vertical door leaves, connected together with hinges. Rollers are installed on the top left and right of each door leaf. The rollers run in the top track to enable opening and closing of the door.

#### 1.2.2 Material

The door is made of aluminium profiles, filled with sandwich infills or acrylic/glass windows.



- 1) Anodised aluminium frame
- 2) Window
- 3) Infill

#### 1.2.3 Standard colours

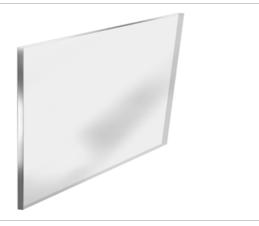
#### **Frames and Infills**

 The frames and infills are delivered in anodised aluminium and cannot be painted.

#### 1.2.4 Windows

The frame construction allows windows in all door leaves. The light opening depends on the dimensions of the door leaf. Other materials than described below are available on request.

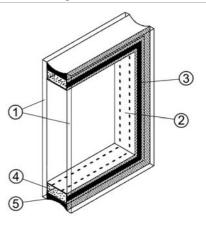
#### 1.2.4.1 SH



SH4: Single hardened glass 4 mm

#### 1.2.4.2 DH4S

Double glazed hardened glass 4 + 4 mm. Double sealed.



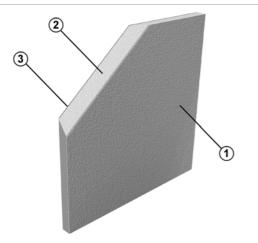
- 1) 4 mm hardened glass
- 2) Aluminium distance frame
- 3) Butyl sealing
- 4) Absorbing siccative
- 5) Silicone sealing

#### 1.2.5 Infills

The frame construction allows infills in all door leaves. Other materials than described below are available on request.

#### 1.2.5.1 FA

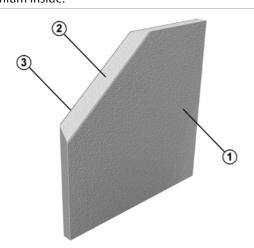
Mill finished stucco aluminium sheet outside and inside.



- 1) Stucco aluminium
- 2) Polystyrene foam
- 3) Stucco aluminium

#### 1.2.5.2 FA1

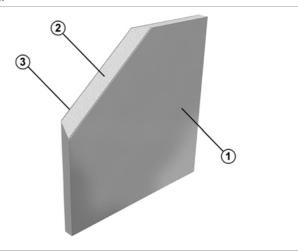
Mill finished stucco aluminium sheet outside, smooth aluminium inside.



- 1) Stucco aluminium
- 2) Polystyrene foam
- 3) Smooth aluminium

#### 1.2.5.3 FA2

Smooth 1 mm anodised aluminium sheets, outside and inside.



- 1) Smooth aluminium 1mm, anodised
- 2) Polystyrene foam
- 3) Smooth aluminium 1mm, anodised

#### 1.2.6 Seals

The door is equipped with well designed seals on all sides that gives the door its excellent sealing abilities.

The seals are made from chloroprene rubber, a durable material that is suitable for a harsh car wash environment.

#### 1.2.6.1 Top seal

Installed on the frame at the top of the wall, the top seal provides continuous pressure on the top of the door leaves when the door is closed, ensuring maximum sealing.



#### 1.2.6.2 Bottom seal

Installed on the bottom edge of each door leaf, the bottom seal provides continuous pressure on the floor, ensuring maximum sealing.



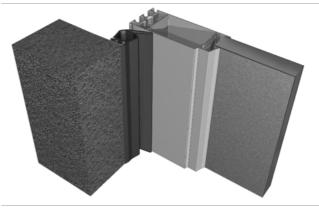
#### 1.2.6.3 Seal between door leaves

Installed between each pair of door leaves. The flexible rubber material permits maximum movement of the door assembly and permanent sealing between the door leaves.



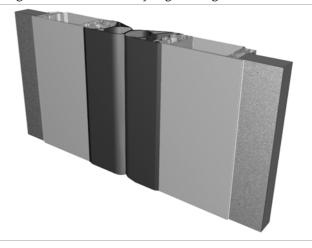
#### 1.2.6.4 Side seal

Installed between the outer door leaves and the wall. The flexible rubber material permits maximum movement of the door assembly and provides permanent sealing between the door leaves and the walls.



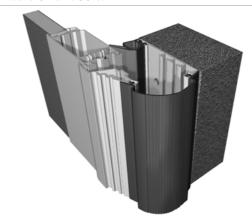
### 1.2.6.5 Safety edge seal

Installed on the edge of the two centre door leaves, the safety edge seal provides continuous pressure when the door is closed, ensuring maximum sealing. On electrical doors the sealing has a function as safety edge sealing.



#### 1.2.6.6 Side cover

In combination with an installation frame the side cover works as a cover of and a protection from the frame hinges. Standard on all doors.



#### 1.2.7 Passdoor

For easy access the Crawford FD2050FCW folding door can be delivered with a passdoor. The passdoor can either be build in a door leaf or in a fixed section.

#### 1.2.7.1 Passdoor in doorleaf

The passdoor is designed with a handle that ensures easy opening and closing of the passdoor. The passdoor is not designed to be an emergency exit, as it has a threshold.



#### **Features:**

- Always opening outwards, min. 90 degrees opening
- Hinged left or right
- Seals in passdoor frame reduce air permeability.
- Integrated passdoor switch if electrically operated
- All commonly used cylinder locks are available: Euro, Kaba, Abloy, Assa.

#### 1.2.8 Fixed sections

Fixed sections can advantageously fill space around new doors that are smaller than the wall opening. Fixed sections are available in top and side sections. Fixed sections are supplied in the same color and construction as the door leaf. A fixed section can be provided with a passdoor for two reasons: Safety and energy cost reduction.

- Safety: Putting a separate passdoor in a fixed section next to the industrial door separates pedestrian and vehicle traffic.
- Energy cost reduction: The opening space for frequent pedestrian traffic is minimized.



## 1.3 Manually operated door

The Crawford FD2050FCW folding door can be opened and closed by hand, using a solid, easy to grip handle and a cremone lock.

#### 1.3.1 Handle

For manual operation the Crawford FD2050FCW folding door is supplied with a solid, easy to grip handle, installed in combination with an auto lock. The auto lock secures the door in the open position and must be released to close the door.



#### 1.3.2 Locks

#### 1.3.2.1 Cremone lock

The standard cremone lock has an inside handle and can lock the door without the use of a key. Optionally an outside cremone handle can be installed on the cremone lock.



1.3.2.2 Cylinder lock

For extra security a cylinder can be installed in combination with the cremone lock.

## 1.4 Electrically operated door

#### 1.4.1 Electrical operation

The Crawford FD2050FCW folding door can be supplied or upgraded with an electrical operating system. The system consists of a mechanical transmission unit with an electrical operator and a control unit. Electrical operation gives access to the full program of Access and Automation functions, that can fulfill many operational needs related to traffic type and frequency, door weight, and temperature control.

#### 1.4.2 CDM9 FD Operating system

The CDM9 FD operating system is a combination of the CDM9 FD Operator and a 950 door control system.

#### 1.4.2.1 CDM9 Operator

The CDM9 FD Operator is an electric motor that drives the door via a mechanichal transmission unit. It can be retrofitted to an existing Crawford FD2050FCW folding door if the door is configured for electrical operation. The CDM9 FD Operator is installed directly on the mechanical transmission unit and does not require any special wall reinforcement. The transmission unit is built from anti-corrosive parts to ensure a long life, even in a humid environment.



#### Key features:

- Smooth and silent
- Soft start and stop
- Life time: 100.000 300.000 door cycles.

# 1.4.2.2 950 door control system Door control system

The standard 950 door control system is fully prepared for one or more physical upgrades from the entire range of automation systems. An automation system allows door operation by sensors or remote control.

This control unit contains a 3-digit diagnostics display that allows efficient troubleshooting and displays the number of door cycles completed. Together with the service indicator, this extra feature allows advanced maintenance planning for users where the door is an essential element of internal logistics.

Additional functions such as magnetic loop, photocells, radar and radio are available.



#### 1.4.3 Access and automation

Crawford offers a wide range of functions that allows advanced opening and safety control.



#### 1.4.3.1 Basic control functions

#### Interlocking

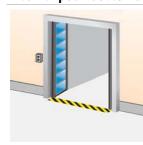


Developed for climate control or safety; If door A is open, door B cannot be opened. If door B is open, door A cannot be opened. An interlocked door can remember an open-command, if selected via a micro switch.

Circuit card Installed in control unit.

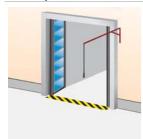
#### 1.4.3.2 External control functions

#### **External push button box**



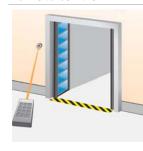
An extra control box is installed outside the building or inside close to the door if the main control unit needs to be installed away from the door opening. Installed on the inside or outside wall beside the door.

#### **Pull-rope switch**



A pull-rope switch above the door opening can be operated from e.g. a forklift truck. Pulling the rope opens a closed door or closes an opened door.
Installed on the inside construction above the door.

#### Remote control

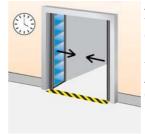


A hand-held radio transmitter allows door operation from a vehicle or any position within 50-100 meters from the receiver and aerial at the door. For closing, the door can be provided with a photocell beam.

Receiver installed in control unit, antenna installed on the wall beside the door.

#### 1.4.3.3 Automatic control functions

#### **Automatic closing**



A programmable timer that closes the door after a specified time, counted from either the fully open position and/or from passing through the photocell beam. Adjustable micro switches in control unit.

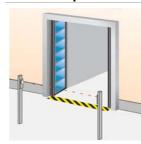
#### **Magnetic loop**



A sensor in the floor detects a metal object (usually forklift trucks, pallet trucks) and opens the door automatically. This is an ideal solution for frequent vehicle traffic.

Installed on the outside, inside or both sides of the door in the floor.

#### Photocell open door



A set of photocells on pillars, on each side of the door. When a person or vehicle passes between the photocells, the beam is interrupted and the door opens. Photocells installed on pillars, away from the door.

#### Radar



An infrared sensor above the door detects an object (person, vehicle) within a specified distance from the door and opens the door automatically. This is an ideal solution for frequent vehicle or personal traffic. Often combined with automatic closing. Installed on the inside or outside wall above the door.

#### 1.4.3.4 Safety functions

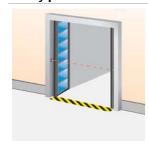
#### Safety edge



As a standard, all doors that have the impulse-open function or any form of automated closing, are equipped with a safety edge. The pneumatic sensor in the safety edge seal detects any obstruction between a closing door and reverses the door.

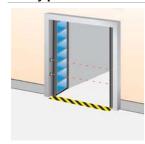
Installed in the safety edge seal.

#### Safety photocells 1-channel



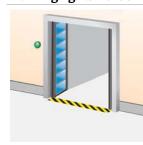
A set of a photocell transmitter and receiver is installed in the door opening. If the photocell beam is interrupted during closing, the door will stop in less than 30mm and reverse to the fully open position. Installed in the door opening.

#### Safety photocells 2-channel



Two sets of photocell transmitter and receiver are installed in the door opening. If one or both photocell beams are interrupted during closing, the door will stop in less than 30mm and reverse to the fully open position. Installed in the door opening.

#### Warning lights - Green



One or two green warning lights indicating the open position of the door by continuous light signal.

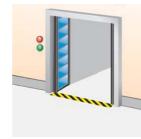
Installed on the inside and/or outside wall beside the door.

#### Warning lights - Red



Two red warning lights giving information on the current door behaviour. Flashing light before or during door movement. Optional: Continuous light before and during door movement. Installed on the inside and outside wall beside the door.

#### Traffic lights - Red & Green



If traffic through a door needs to be directed; two red and two green traffic lights can be installed to indicate traffic direction. From the side where a vehicle is first detected to approach the door, the green traffic light comes on. The opposing side shows a red traffic light. Traffic from this direction must give way to the other. Usually installed in e.g. parking garages. Installed on the inside and outside wall beside the door.

#### 1.4.3.5 Additional functions

#### **UPS** battery backup



When mains failure cannot be permitted or an increased risk of mains failure is predicted, the UPS battery backup system can be installed to store enough energy for 10 door cycles. Installed on the inside wall beside the door.

#### **Relay box**



A sealed connection box makes it possible to safely connect external high-voltage equipment.

#### 1.4.4 Monitoring systems

As an option on all our products, a Crawford Monitoring System can be installed. This system helps to ensure efficiency and security in daily operations. All doors or docking stations are connected to the Monitoring System's server, which gives the opportunity to supervise, monitor and report a wide variety of aspects in a facility.



#### 1.4.4.1 Saving energy

A monitoring system reduces energy costs and contributes to a better environment. Energy is lost every time a door is open. If a door is open when no truck is at the bay, even more energy is lost.

A Crawford Monitoring System automatically ensures that no door will open unless there is a truck at the bay and even set it to close when there an activity is delayed.

#### 1.4.4.2 Security enhancement

Closing and locking doors is an obvious daily routine. However, checking this manually can be time consuming in a busy facility.

A Crawford Monitoring System can automatically ensure that all doors are closed and locked when they need to be. It can also activate all doors and locks from its remote location, and give a real-time overview of the building's situation.

#### 1.4.4.3 Dock management

A good way to increase throughput and thereby efficiency at a logistics facility is to reduce the time of having no truck – or the wrong truck – at a loading bay.

A Crawford Monitoring System makes visible – in real-time – which bays are occupied or free, and for how long. It makes it possible to reserve bays for docking activities and to inform drivers via SMS. Since it incorporates information from cameras and other inputs (RFID, card readers, etc.), the system stays updated in real-time.

#### 1.4.4.4 Facility management

The Crawford Monitoring System gives a real-time service status for all your door and docking equipment. If an error code occurs, the Crawford service organisation is automatically notified, and will respond quickly. Other maintenance information can easily be integrated, further reducing the overall costs.

# 2. Specifications

## 2.1 Dimensions

## 2.1.1 Daylight width and daylight height

The standard Crawford FD2050FCW folding door is delivered in the following size range:

#### Standard door sizes

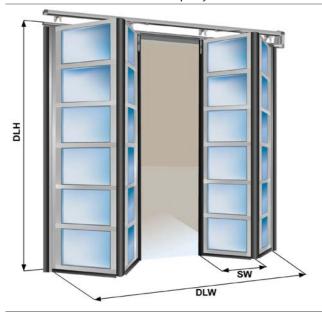
	Daylight width (DLW)	Daylight height (DLH)
Min.:	2200 mm	2000 mm
Max.:	5000 mm	5020 mm

Other sizes available on request.

#### 2.1.2 Section sizes

Leaf width (SW):	553 - 1253 mm*
Thickness:	50 mm

<sup>\*</sup>The total width of the door is equally divided over the leaves.



#### 2.1.3 Windows and infills

Daylight height:	No. of windows / infills per leaf:
2000 - 2312 mm	3
2313 - 3009 mm	4
3010 - 3706 mm	5
3707 - 4403 mm	6
4404 - 5000 mm	7

# 2.2 Configurations

Configuration	Dimensions (DLW)	Manual door	Electric door	Door assembly
2+2	2200 mm - 5000 mm		•	

Available

## 2.3 Passdoor

### 2.3.1 Passdoor in doorleaf

#### **Specifications**

Lock:	Depends on market
Treshold height:	189 mm incl. bottom seal

This passdoor is only available in the second door leaf from the wall.



# 2.4 Door operation

## 2.4.1 Selection guidelines for operation type

Door size m <sup>2</sup>	Openings / day			
	1-5/day	5-10/day	10-15/day	>25/day
0 – 10	□ / ■	□ / <b>■</b>	<b>=</b> / <b>=</b>	<b>=</b> / <b>=</b>
10-20	□ / ■	•	<b>=</b>   <b>=</b>	<b>=</b> / <b>=</b>
> 20 - 42	•	•	<b>=</b> / <b>=</b>	<b>=</b> / <b>=</b>
>42*				

☐ Manual operation

■ Electrical operation

Automated operation

### 2.4.2 950 door control system functions

Functions	950 FD
Open (by impulse)	
Stop	
Close (by impulse)	
Safety edge	
Open function	
One button function	
Display (diagnostics)	
Service indicator	

# 2.4.3 950 door control system - Selection guidelines for automation

The "Automation D-kits" are packages of common combinations. These kits can also be supplemented by "additions to D-kits".

<b>Automation D-kits</b>	D1	D2	D3	D4	D5	D6	D7
Interlocking							
Magnetic loop							
Traffic lights - Green + Red					•	•	
Warning lights - Red							
Additions to D-kits							
Warning lights - Green							
Relay box							
Radar							

Standard

<sup>□</sup> Option / Available

The following options can be individually selected to add functionality to the control unit.

Functions optional	950 FD
	THE CONTROL OF THE CO
Complete kits	
Automation D-kits	
Basic control functions	
Interlocking	
External control functions	i
External push-button box	
Pull-rope switch	
Remote control open/stop/close	
Remote control 1-button function	
Automatic control function	ons
Automatic closing	
Photocell open door	
Safety functions	
Safety photocells 1-2	
Additional functions	
UPS Battery backup	
Relay box	
Ctandard	

Standard

□ Option / Available

# 3. CEN Performance

## 3.1 Lifetime expectation

100.000 door cycles

## 3.2 Resistance to windload

EN12424	Manually operated door	door Electrically operated door		
DLW 7590 mm x DLH 6000 mm	Class 2	-		
DLW 3500 mm x DLH 3000 mm	Class 3	Class 4		

## 3.3 Resistance to water penetration

EN12425	Without passdoor
Test result	Class 3

## 3.4 Air permeability

EN12426	Without passdoor
Test result	Class 2

## 3.5 Thermal transmittance

EN12428	Double Acrylic	Single Acrylic and Single Hardened
Thermal transmittance	4,3/m²K*	4,9 W/m²K*

<sup>\*</sup> These values are calculated values for a complete, installed door of 3000 x 3000 mm 2 rows FA or 2 rows DH4S and must be confirmed by an official test.

## 3.6 Operating forces and safe openings

	•	_	
EN12453 & EN12604	Crushing force N	Crushing force N	Crushing force N
Opening gap mm	200 mm from lateral border right from outside	In the middle of the door opening	200 mm from lateral border left from outside
50 N	passed	passed	passed
300 N	passed	passed	passed

The crushing force is the force needed for the safety edge to be activated. The maximum force allowed, according to EN12453 safety in use of power operated doors, is 400 N within a period of time of 0.75 s.

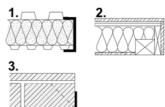
CEN Performance 20

# 4. Building and space requirements

## 4.1 Building preparations

#### 4.1.1 Installation preparations

The Crawford FD2050FCW folding door is shipped in parts and installed on-site. All necessary installation material is included. For every building type Crawford offers specific installation kits to install the door in the building facade. To install the door a solid installation surface is required; 100-150 mm for the side frame and 150-200mm for top frame, depending on configuration and type of operation.



- 1) Steel
- 2) Wood
- 3) Brick & Concrete

### 4.1.2 Electrical preparations

The manually operated door needs no electrical supply.

For an electrically operated door, the following environment criteria and electrical supplies are required for the operator to function properly:

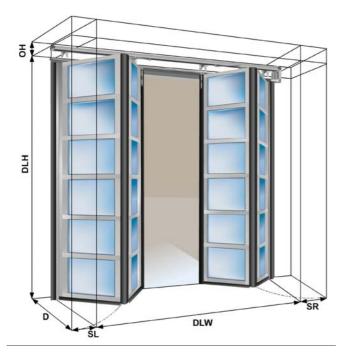
runction property.	
	CDM9 FD
Voltage supply:	230V AC 1-phase 50/60Hz
(+/- 10%)	
Power supply:	0,5 kW
Degree of protection:	IP55, excl. connector IP 44
Max. allowed total weight of door leaves:	750 kg
Working temperature range:	-20 °C to +60 °C*
Operating factor:	ED = 30% S3 10 min. intermittent
Installation preparations:	-

<sup>\*)</sup> Normal opening speed in temperatures down to -8°C. In the temperature range -8 °C to -20 °C the opening speed is reduced during the first cycle in a two-hour period to prolong the operator's lifetime. An optional heating element is available for a working range down to -30 °C

## 4.2 Space requirements

## 4.2.1 Dimension terminology

DLW	= Daylight Width	The width of the clear opening.
DLH	= Daylight Height	The height of the clear opening.
ОН	= Headroom	The space required above the daylight height.
SL	= Side space Left	The space required beside the daylight width.
SR	= Side space Right	The space required beside the daylight width.
D	= Depth	The space required to move the door leaves.
SW	= Section / leaf width	The width of a single door leaf.



## 4.2.2 Space requirements manual doors

#### Configuration

Comiguration			
	SL	SR	ОН
2+2	185	185	150

<sup>\*</sup> Dimensions in mm.

## 4.2.3 Space requirements electrically operated doors

### No plastic cover on operator\*

Configuration	Operator position left		Operator position right		Operato	Operator position center			
	SL	SR	ОН	SL	SR	ОН	SL	SR	ОН
2+2	440	300	235	300	500	235	300	300	375
* Dimensions in	mm.								

#### With plastic cover on operator\*

Configuration	Operator position left			Opera	Operator position right			Operator position center		
	SL	SR	ОН	SL	SR	ОН	SL	SR	ОН	
2+2	460	300	270	300	525	270	300	300	395	

<sup>\*</sup> Dimensions in mm.

#### 4.2.4 Depth

# 5. Service

# Preventive Maintenance Program and Modernization Services

As your entrances are part of your business flow, there's every reason to keep them working well. ASSA ABLOY Entrance Systems offers you a maintenance and modernization expertise to rely on. Our Maintenance Programs and Modernization Services are backed by a extensive expertise for all types of industrial door and docking systems, independent of brand. At your disposal is a team of dedicated expert technicians, proven through decades of maintenance, service and satisfied customers.

#### **Preventive Maintenance Programs**

Minimizing lost time, lost energy and unexpected hassle is our team's constant objective. Our service organization can support you 24/7 in maintaining all industrial door and docking systems, independent of brand. If you want to be one step ahead of break-downs, explore our portfolio of Pro-Active Care plans. Naturally, we also offer entrance upgrades to suit your specific wishes and business needs.

# Pro-Active Care - Maintenance plans to fit your business

Regular maintenance can extend the lifetime of your equipment and help prevent unexpected problems. Our technician arrives on-site equipped with the knowledge and tools to service all automatic entrances, independent of brand.

#### • Pro-Active Bronze

The base on which all Pro-Active Plans are built provides the security of knowing that your equipment is regularly inspected and certified for safety, as well as performing optimally. It includes a number of planned on-site visits depending on your needs. Any unplanned service calls required during the term of the contract (including labor, travel and parts) are billed at special Pro-Active Care prices.

#### Pro-Active Silver

This plan provides all the benefits of Pro-Active Bronze with the added advantage of labor and travel being included for service calls during regular business hours. The only additional charge would be for any parts that may be needed throughout the term of the contract.

#### • Pro-Active Gold

This plan provides the ultimate protection for your automatic entrance investment. It includes all the benefits of Pro-Active Silver, plus replacement of any parts required during an unplanned repair or planned maintenance visit. Pro-Active Gold is an excellent way to budget your automatic door expenses annually.

#### • Pro-Active Tailor-Flex

Our most flexible maintenance and service offering. The Pro-Active Care plan is designed by you, our customer. The plan allows you to balance your maintenance expenses against your real-world budget and presents the option to add or delete a number of maintenance elements to suit your budget goals, while meeting your overall performance and safety needs.

#### Modernization

Your entrances are a long-term investment, from which you always want the best. Products develop over time, so do regulations and your business. Let us help you increase energy savings and meet today's standards. We provide advice and modernization kits for outdated installations, ensuring your investment meet requirements and performs optimally for many more years to come.

Re-Active Service		Pro-Act	tive Care		
	0	0	0	0	Other customized requests such as Response Time, Performance InfoPack and Advanced User Training
	0	0	•	0	Replacement of worn parts according to preventive Consumable Exchange Program
	0	0	•	0	Replacement of spare parts on breakdown
	0	•	•	0	Travel and labor for additional call-out visits
	•	•	•	•	Preventive maintenance visits 1-4 times per year
	•	•	•	•	Travel and labor for preventive maintenance visits
	•	•	•	•	Response time and priority on call-outs <24h
	•	•	•	•	Preventive planned maintenance that meets the most demanding standards in the market
•	•	•	•	•	Safety and quality checks according to applicable regulations and norms. Documentation of test results provided
• •	•	•	•	•	Documentation of equipment status, assessment and service provided, all generated on site
• •	•	•	•	•	Highly trained professional technicians with extensive knowledge, state-of-the-art tools and the right spare parts*
• •	•	•	•	•	Dedicated Professional Customer Care Hotline
Corrective SafetyCheck	Pro-Active Bronze	Pro-Active Silver	Pro-Active Gold	Pro-Active Tailor Flex	<ul><li>= Included as standard</li><li>= Available at special prices</li></ul>

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Product datasheet Folding door Crawford FD2050FCW

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ASSA ABLOY Entrance Systems is a leading supplier of entrance automation solutions for efficient flow of goods and people. With our globally recognized product brands Besam, Crawford, Megadoor and Albany, we offer products and services dedicated to satisfying end-user needs for safe, secure, convenient and sustainable operations.

assaabloyentrance.com

