

Folding door

ASSA ABLOY FD2050FCW

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in door opening solutions



The ideal Folding door for car washes

The ASSA ABLOY 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.

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	5020 x 5000 mm
Frame thickness	50 mm
Filling	glass/panels
Colours	anodized RAL 9006
Pass-door (optional)	built in doorleaf
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) 3000 x 3000 mm, 2 + 2, 2 rows windows type DH45 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

Configuration	Manual			Electrically Operated						Minimal Depth (SW 553 - 1253) + 180						All Dimensions in mm						
				Operator left			Operator Right			Operator Center												
				Without cover			With cover			Without cover			With cover			Without cover			With cover			
	SL	SR	OH	SL	SR	OH	SL	SR	OH	SL	SR	OH	SL	SR	OH	SL	SR	OH	SL	SR	OH	
2+2	185	185	150	440	85	235	460	150	270	300	215	235	300	240	270	300	300	300	300	300	375	395

Panel options

Windows
Different window types available:

- Double Hardened glass
- 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

