



ABLOY®  **DOOR**

Safe and Secure Solution

DOOR SELECTION GUIDE

1. Performance

Depending on your application you might require a basic door (Personnel), a door for higher security or a door that offers higher breaking resistance (Security) or a door that acts as a barrier to stop the spread of fire (Fire door). Or a combination of the above.

Personnel



Internal or external

Security



Security level 1 to 4

Fire Resistance



30, 60, 120 or 240

2. Security Level

Subject to your application you might require different levels of security such as standard, internal or PAS24 for applications such as retail premises, industrial units and public facilities. Where you require higher levels of protection such as secure mental health, museums and research facilities you could use LPS 1175 SR2, SR3 or SR4 doors.

Level	Door name	Material
Standard	Carrick	Steel
PAS24	Carlingford	Steel
SR2	Clandeboyne	Steel
SR3	Glen	Steel
SR4	Strangford	Steel
Internal	Lagan	Steel
Fire Door	Certifire	Steel
SR3	Trenchard	Timber
SR4	Ultimum	Timber

3. Configuration

Different configuration of doors will be required for different areas.

The configuration you require will likely depend on the space you have to fit the door.

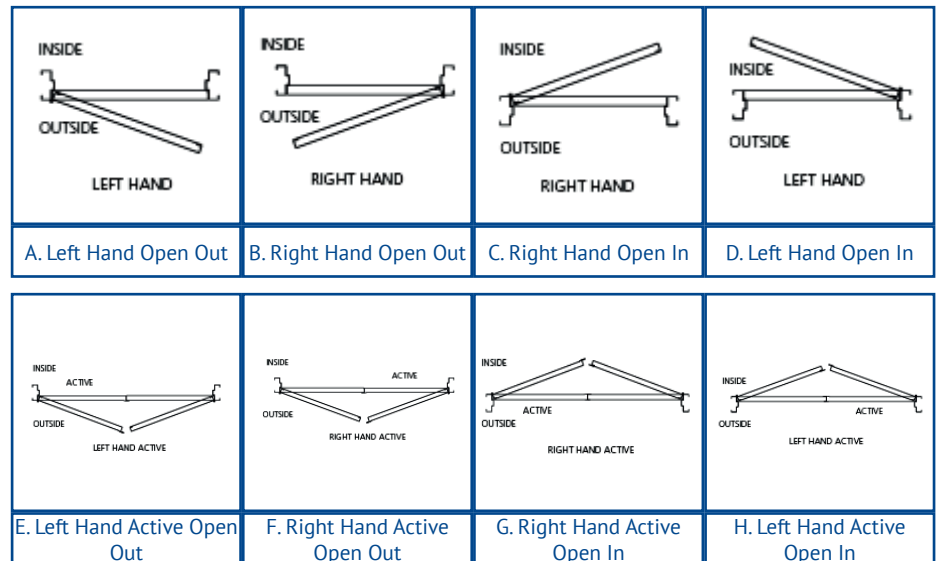
We offer solid, glazed, louvered and removable over or side panels which can be easily removed to increase the opening space.

<p>A</p>	<p>B</p>	<p>C</p>
Single	Double	1 leaf with side panel
<p>D</p>	<p>E</p>	<p>F</p>
Single with over panel	Double with over panel	1 leaf with over and side panel

4. Handing

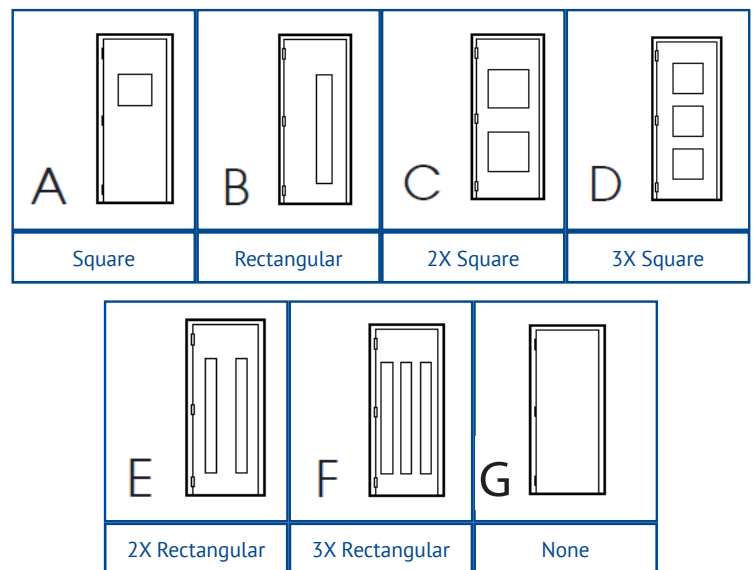
When viewing the door on the side where the hinge is visible, the hinges will either be on the left or right of the door. Handing on a single door is termed as either left or right hand hinged.

For double doors, one leaf will be the main usage door (active), the handing on a double door is termed as either left or right hand active. The door is then described as either inward or outward opening.



5. Vision Panel Elevation

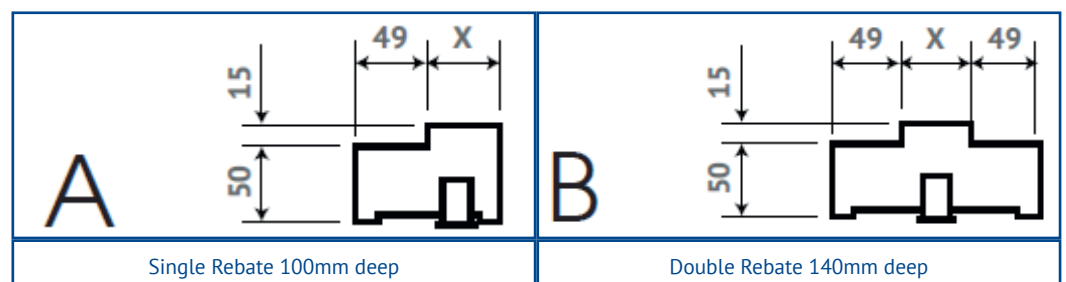
In certain applications vision panels might be required for accessibility reasons and in these cases we can offer vision panels to meet approved Document M and BS 8300. Vision panels are also available for aesthetic reasons or for increased usability (for example a meeting room).



6. Frame Profiles

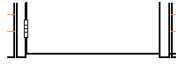
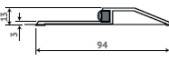


As standard we offer single rebate (100mm deep) or double rebate (140mm deep) frame profiles.

Project specific frame profiles are available on request.






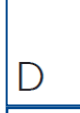

7. Thresholds

A threshold helps stop drafts and can cover any gaps. These are often required to increase the accessibility of the building and can comply with the Equality Act 2010.

A 	B 
No Threshold (7mm gap)	Aluminium Threshold (Equality Act)
C 	D 
SSS Threshold (Equality Act)	Four Sided Frame

8. Seals

Some seals have obvious uses, for example weather seals to protect against the elements, acoustic seals to reduce noise levels and smoke seals to prevent the spread of smoke. We also have frame silencers which reduce the noise of a door closing and integral bottom seals to provide an effective seal at the bottom of the door once it is closed.

A 	B 	C 
Frame Silencer	Weather Seal	Smoke Seal
D 	E 	
Integral Bottom Seal	Acoustic Frame Seal	

9. Colour

We have a wide selection of standard BS and RAL colours or timber veneers including ash, mahogany, oak and specialist timbers for timber doors. Other finishes available on request.

				
Green	Blue	White	Grey	Brown
				
Black	Yellow	Red	Silver	Primer

10. Factory-built Locking

As standard we offer a sash lock, lever handles and cylinder override or a panic exit solution. Different locking and opening solutions are available on request.







PANIC OUTSIDE

Outside access devices are available as either knob or lever furniture. These provide a way to access a door with panic hardware from the outside.

G 	H 	I 
Outside Access Cylinder	Outside Access Bolt	Outside Access Lever




PANIC INSIDE (only required if locking solution is panic)

Depending on whether you’ve got a single or double door you will require either a single form of panic exit or a double form of panic exit. Generally a touch bar provides a more aesthetically pleasing solution and a panic bolt will provide better security than a panic latch.

<div>A</div> 	<div>B</div> 	<div>C</div> 
Single Panic Latch	Single Panic Bolt	Single Push Pad Panic Latch
<div>D</div> 	<div>E</div> 	<div>F</div> 
Single Panic Bolt	Single Panic Touchbar Latch	Single Panic Touchbar Bolt

11. Door Control



A door closer provides a simple way to ensure your door will always close behind you, accessories such as a friction stay and hold open arm can provide additional functionality. A friction stay limits how far the door will open to help protect against wind or violent openings and a hold open arm allows you to manually set the door to stay open indefinitely.

<div>A</div> 	<div>B</div> 	<div>C</div> 
Door Closer ABLOY DC240 Size 2-6 Backcheck	Friction Stay	Hold Open Arm

12. Protection Plates

Protection plates provide an additional layer to the door in areas that might otherwise be damaged.

An example of this is fitting a trolley plate in hospitals to protect the door against beds and equipment being wheeled through.

	
Kick Plate 250mm High	Trolley Plate 500mm High



ABLOY secures people, property, and business operations on land, at sea, and in the air – in all circumstances.

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

Abloy UK
Portobello Works
School Street
WV13 3PW
England
Tel. 01902 364500
WWW.ABLOY.CO.UK

