

Doors

ASSA ABLOY
Opening Solutions

Technical Catalog

Experience a safer
and more open world





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ASSA ABLOY Middle East

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THE ASSA ABLOY GROUP

The global leader in access solutions



ASSA ABLOY OPENING SOLUTIONS MIDDLE EAST

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world. ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, door and window hardware, mechanical and smart locks, access control and service. With over 150 companies operating in more than 70 countries, the Group is the strongest global player in the industry with around 61,000 employees and more than \$13.3 billion sales worldwide.

Today ASSA ABLOY is the leading global supplier of intelligent lock and security solutions. Its products account for more than one in ten of all lock installations worldwide.

ASSA ABLOY Group is represented in all major regions, on both mature and emerging markets, with leading positions in much of Europe, North America and in Australia. In the rapidly growing electro-mechanical security sector, the Group has a leading position in fields such as access control, identification technology, automatic doors and hotel security.

ASSA ABLOY's vision is to be the most innovative supplier of total door opening solutions in order to deliver safe and convenient security solutions that provide real added value to customers.

Using the latest technologies and tried-and tested techniques we are constantly developing innovative solutions that improve our customers' lives through greater security, safety and convenience.

ASSA ABLOY has been producing an annual sustainability report based on GRI (Global Reporting Initiative) guidelines since 2005. We are leading the way, with more than 250 environmental product declarations across the Group since 2008. Sustainability is integrated in all Group processes: innovation, product development, manufacturing, logistics and sales.

The strength of ASSA ABLOY Opening Solutions Middle East lies in its brands, which include some of the best-known and most trusted names in security.

In Middle East, we are promoting a one stop solution for complete project requirements to designers and consultants.

Each of our brands complements the others with its different strengths, allowing us to offer tailored solutions for all our customers and end users within the construction market. Our solutions are designed to withstand the rigours of demanding environments and achieve the highest legislative accreditations.

ASSA ABLOY Opening Solutions products include master key systems, security and emergency locks, electric locking products, and supporting architectural hardware such as door furniture, hinges, door closers and escape systems.

As part of ASSA ABLOY's commitment to easing the specification process, we provide specification writing service for consultants, architects and interior as a trusted partner, our specialists ensure that solutions match client requirements, legislation and budget. With vast experience in all types of door applications, we offer specialist consultancy and support services to make specification quick, easy and applicable to all budget sizes. We offer the benefit

of streamlined costs, risk management, rationalization of products and the maintenance of appropriate security levels across the total project.

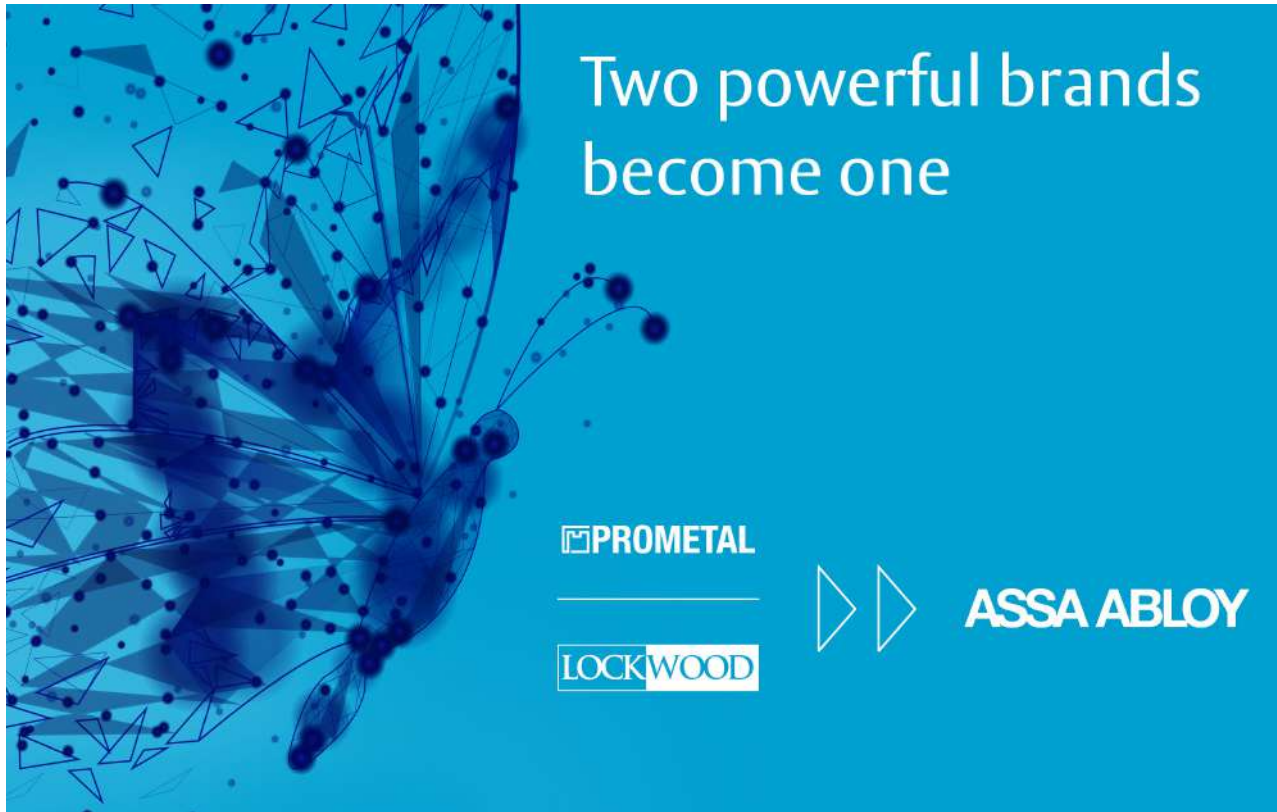
Our products offer ultimate security in combination with aesthetic appeal for architects and specifiers with a discerning eye for top quality solutions. From security doors and sophisticated access control technology to stylish ironmongery, our ability to mix form and function enables a range of robust and attractive security systems to meet even the most challenging design requirements. By offering brands that are known across the globe, we provide some of the most trusted names in security. Each of our brands has its own unique strengths enabling us to hand pick solutions for each project.

One of the biggest & best-in-class door manufacturing factory in Dubai serving entire Middle East, Africa and some parts of Asia.

As a global company, we have offices in countries all around the world. Headquarter located in Dubai, UAE for Middle East, Africa & India. We also have offices in Qatar & Saudi Arabia and factory in Egypt and serve entire Middle East markets. We also have qualified partners in Kuwait & Oman.

THE STRONG LEGACY CONTINUES..

Together we grow



Prometal and Lockwood adopt a new name and organization to strengthen customer focus. The two names, that represent best in class metal and wooden doors in the Middle East, are becoming much stronger as one and will now be known as ASSA ABLOY.

Prometal Metal Doors was established in 2000, while Lockwood Wooden Doors was established in 2008, and both were acquired by ASSA ABLOY in June 2015. As the ASSA ABLOY Group celebrates its 25th anniversary this year, there cannot be a better time of identity integration.

The planned identity change has been implemented in December 2019. Much shall be the same: the products, offerings, people and our focus will remain unchanged. Our local roots and proud history will continue to be integral to our success.

However, our marketing material will have a new appearance and you will see a new name and logo on our products, packaging, invoices, order confirmations, email signatures, etc.

“The main purpose of this change is to reinforce our value proposition of total opening solutions provider” says Mauro Felice, Market Region Manager, Middle East, Africa & India. “We can leverage a leading brand that is global and well-known. In the future we will meet the market with a portfolio of products and solutions, all focused on the customer experience and simplicity. This will increase our competitiveness and we will continue to be the brand that stands for innovative door opening solutions that are smarter, more integrated and better designed.”



ENVIRONMENTAL LETTER

ASSA ABLOY is the worldwide leader in Access Solutions. Every day we help people feel safe, secure and experience a more open world.

As the global leader in Access Solutions, sustainability is becoming increasingly important in everything we do. Our products are designed to provide more energy efficient solutions for our customers and also to minimize energy consumption in our supply chain. We also want to reduce toxic substances in our production processes. As market leader, we feel the responsibility to preserve our environment and ensure a better world to future generations.

Since 2008 we are leading our industry as a pioneer in the adoption of a pervasive EPD (Environmental Product Declaration) program.

An EPD offers a complete mapping of a products environmental footprint based on a detailed LCA (Lifecycle Assessment), independently verified by an accredited 3rd party and based on the internationally recognized standards ISO14025 and EN15804.

It does not guarantee a product is energy efficient or sustainable, but allows the user to make an informed choice when selecting one solution over another. We have more than 250 product-specific EPD across the Group and this helps us to be recognized as the preferred partner when LEED or BREEAM green building certifications are required.

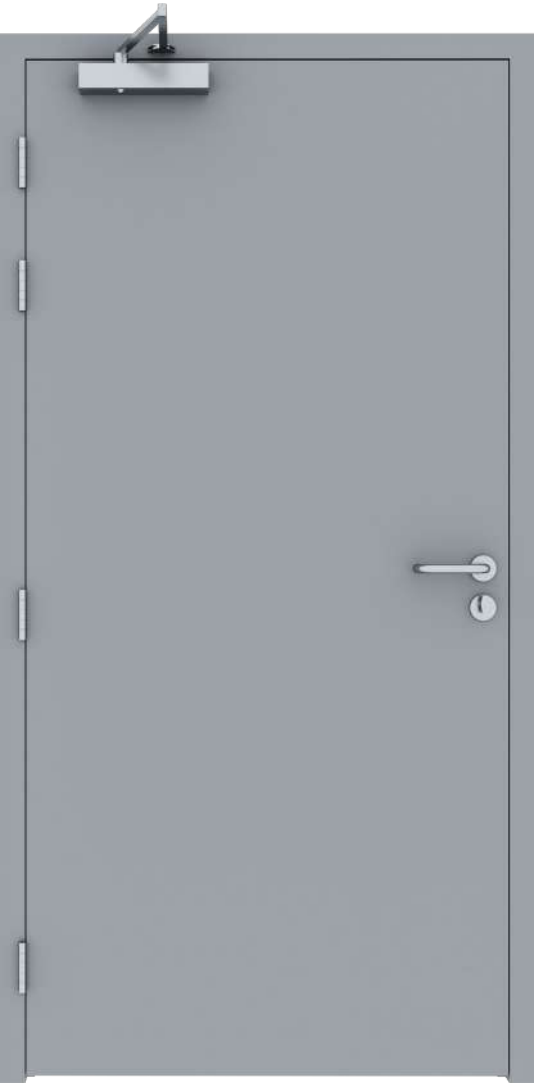
With such strong focus on Sustainability, I am particularly proud that as a responsible wooden door manufacturer, we have completely eliminated usage of toxic paints at our Dubai based factory. Our manufacturing processes are now organic solvent free and only based on odorless eco-friendly nontoxic LEED Certified organic paints.

I hope you will recognize the value of our efforts to contribute to a safer and more sustainable world and you will select ASSA ABLOY as your valued partner in providing best in class access and door solutions.

Mauro Felice
SVP & Head
ASSA ABLOY Opening Solutions
Middle East, India & Africa

ProMetal

Fire Rated / Non Fire Rated Door



ASSA ABLOY provides a wide range of fire proof doors available with a variety of configuration and vision panel options, tested according to American Standards (UL) & British Standards (BS) suitable for locations such as staircase, corridor, service rooms or entrances.

Our full range of insulated doors with up to 3 hours fire rating is designed to suit power substations, cold stores, heat transfers applications and other similar locations.

These fire rated doors provide safety and security to public areas from retail to industrial premises as well as parking lots.

Doors are designed to satisfy fire protection, security considerations and protect against the influences of weathering. They satisfy the most stringent requirements for technical functionality and extreme continuous stresses.

- Sustainable Point : ISO
- Sound Proof : Up to 50 dB
- Fire : Up to 180 minutes
- Security Level : SR3
- Bulletproof Level : 7
- Blast up : 3.5 PSI

Characteristics

- Full range of sizes
- Single or double-leaf version
- Glazing or fire protection ventilation grills

Classification

- Fire Rated 30/ 60/ 90/ 120 minutes (BS and UL)
- Noise insulation properties Rw up to 50 dB

Technology

The production of steel doors is based on unique technology, which involves procedure of joining steel sheets in door leaves by bending and mechanical joints. This solution guarantees high resistance to corrosion and perfectly smooth surface of the door leaf.

Delivery

Door leaves are wrapped with foil in order to protect during the transport and the assembly.

Material

The doors are made of galvanized steel sheets or stainless steel sheets grade 304 (also available SS grade 316 on special customer request). Door leaves are filled with structural honeycomb or mineral wool with vertical stiffener of high density depending on the type of the door.

Fire Rated Classification & Standards

THOMAS BELL WRIGHT									
Q-MARK, TBWIC Intertek, UL		Latched Single Acting Steel doors with Embedded ALU décor. cladding.	Double		60	Frame: 2400 X 2895	Rock Wool	–	90 mins
		Latched Single acting OVZ Steel door. with			50	Frame: 2900 X 2995			99 mins
		Latched Single acting Steel door.	Single		46	Frame: 1300 X 2995	Honeycomb	500 x 500 (0.25 sq.m)	90 mins
							Rockwool	–	120 mins
Product Description	Test/Relevant Standard	Leaf Config.	Leaf Thickness	Max. Frame Size (W X H) in mm	Core / Infill Material	Vision panel Size/Area	Max. Duration		
Latched Single acting Single leaf SS Cladded door		Single		50	1300 x 2400	Rockwool	-	30mins	
Latched Single acting Oneside GI & Otherside SS# Finish Steel door								120 mins	
Latched Single acting SS Fully Finish Steel door								120 mins	
Latched Single acting Steel door.		Double		50	2400 x 2600	Rockwool	300 x 600 (0.18 sq.m)	90 mins	
Latched Single acting Steel door.				80 & 46	3800 x 3550 (13.49 sq.m) Wkt: 900 x 2200 mm		-	90 mins	
Single Acting Steel Frame with Wooden Leaf Door		Double		49	1990 x 2195	Mineral Core	–	90 mins	
		Single		55	1284 x 2217				
		Double		55	2034 x 2217				
		Single		55	1350 x 2500		300 x 700 (0.21 sq.m)		
				55	2000 x 2440				
Double Egress Steel Frame with Wooden Door.		Double		56	2000 x 2500				45 mins
Single Acting Steel Frame with Wooden Leaf Door.		Single		55	1350 x 2440				90 mins
		Double		55	2000 x 2440				

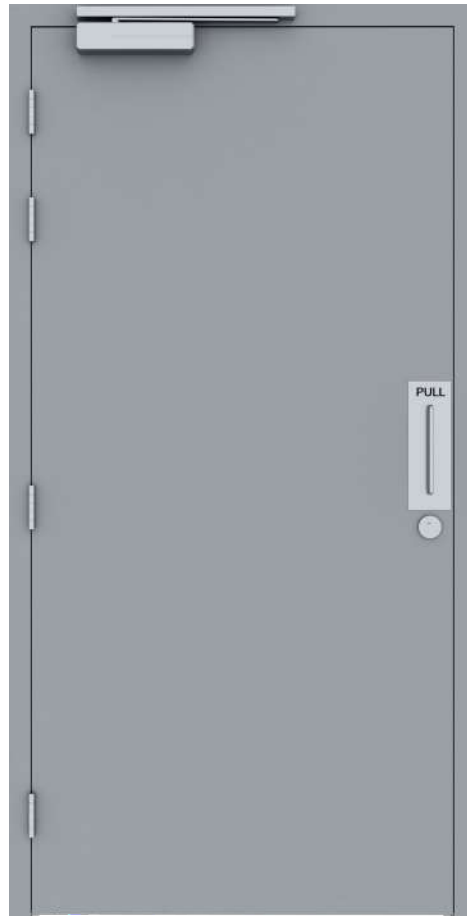
Test/Relevant standard	Product Description	Leaf Config.		Leaf Thickness	Max. Frame Size (W X H) in mm	Core / Infill Material	Vision panel Size/Area	Max. Duration
	Latched Single acting Single leaf SS Cladded door	Single		50	1300 x 2400	Rockwool	–	30mins
	Latched Single acting Oneside GI & Otherside SS# Finish Steel door							120 mins
	Latched Single acting SS Fully Finish Steel door							120 mins
	Latched Single acting Steel door.	Double		50	2400 x 2600	Rockwool	300 x 600 (0.18 sq.m)	90 mins
	Latched Swing Extra Oversize Double Leaf Door with WICKED Door on Active Leaf			80 & 46	3800 x 3550 (13.49 sq.m) Wkt: 900 x 2200 mm		–	120 mins
 	Single Acting Steel Frame with Wooden Leaf Door	Double		49	1990 x 2195	Mineral Core	–	90 mins
		Single		55	1284 x 2217			
		Double		55	2034 x 2217			
		Single		55	1350 x 2500			
				55	2000 x 2440			
 	Double Egress Steel Frame with Wooden Door.	Double		56	2000 x 2500	300 x 700 (0.21 sq.m)		45 mins
	Single Acting Steel Frame with Wooden Leaf Door.	Single		55	1350 x 2440			90 mins
		Double		55	2000 x 2440			



Standard	Door Type		Rating	Frame Size
	Rockwool (100) infilled double door	1.2, 46	180 minute	2400 x 2500
EN	Single leaf rockwool (100)			1300 x 2400 x 100
	Glazed Single leaf door			1170 x 2400
	Double door rockwool (100) infill	1.2, 50	57 minute	2990 x 2995
	Double door rockwool (40) infill		99 minute	2910 x 3000 x 180
	Double door rockwool (40) infill		180 minute	3000 x 3000 x 150
	Single door with Honeycomb		90 minute	1300 x 2995
	Single - action, latched, double leaf steel door assembly with vision panels (Honeycomb infill) (HC Infill)	1.2, 46	120 minute	2500 x 2750 x 200
	Single door with Rockwool (100)	1.2, 50		1300 x 2995 x150
	Single -action, latched, single leaf steel door assembly with vision panel (Rockwool infill) 100Kg,	1.2, 46		1300 x 3000 x 150
	Specimen - 1: Single - action, latched, single leaf steel door assembly with vision panel (Rockwool infill) (100KG),	12, 50 1.5, 56		1300 x 3000 x 150 1300 x 2750 x 150
	Specimen - 2: Single - action, latched, single leaf steel door assembly (Rockwool infill) (150KG),			
	Double door with Rockwool (100)	1.2, 50	90 minute	2400 x 2600 x 180
	Specimen: Single - action, latched, double leaf steel door assembly with vision panels (Rockwool infill) (100kg)		120 minute	2000 x 2700 x 150
		Double door with passdoor Rockwool (40)	1.5, 80	
	Single leaf door with vision panel rockwool 100,	1.5, 60	148 minute	2235 x 1115 x 230 (double frame)
	Single - action, latched, single leaf steel door assembly with vision panel (Rockwool infill) 100Kg,	1.8, 50	180 minute	1400 x 3000 x150
	Single leaf door with stainless steel cladding		30 minute	1300 x 2400 x 150

Standard	Door Type		Rating	Frame Size
	Specimen - 1: Single - action, latched, single leaf steel door assembly with Rockwool leaf infill I (SS on unexposed and exposed side of leaf) (40kg)	1.2, 47	120 minute	1300 x 2400 x 150 1300 x 2400 x 150
	Specimen - 2: Single - action, latched, single leaf steel door assembly with Rockwool leaf infill (SS Bubble Sheet on unexposed and GI sheet on exposed side of leaf) (40kg)			
	Double door with wicket Rockwool (100)	1.5, 83	180 minute	3800 x 3650 x 200
EN	Double door with Honeycomb	1.2, 46		2200 x 2995 x 120
	Double door rockwool (150)	1.5, 56	120 minute	2700 x 3000 x 120
	Category A doors - Single 90 minute, Double 180 minute	1.2, 46	90 / 180	per UL file
	Specimen-1: Single action latched single leaf steel door assembly having rockwool infill (100kG)		120 minute	1200 x 2995 x 200 1190 x 2550 x 105
	Specimen-2: Single action latched single leaf steel door assembly having rockwool infill (100kG)			
	Specimen: Single -action, latched, double leaf steel door assembly having Rockwool infill and Vision Panels (100kg)		180 minute	2860x2860x200
	Specimen: Single -action, latched, double leaf steel door assembly having Rockwool infill and Vision Panels (100kg)		180 minute	2680 x 2680 x 180
	Specimen - 1: Single -action, latched, single leaf steel door assembly (Rockwool infill) (100kg)	1.2, 60 1.2, 46	120 minute	1170 x 2500 x 200 1354 x 2227 x 200
	Specimen - 2: Single -action, latched, single leaf steel door assembly with vision panel (Rockwool infill) (100kg)			
	Category C Frames based on UL subject 63		180 minute	per UL file

ProMetal Standard Door



Characteristics

- Full range of sizes
- Single or double-leaf version
- Glazing or fully louvered
- The adaptability of the material shown to standard steel doors and frames
- Easy to maintain and highly durable



Material

The doors are made of galvanized steel sheets or stainless steel sheets grade 304 (also available SS grade 316 on special customer request). Door leaves are filled with structural honeycomb or mineral wool with vertical stiffener of high density depending on the type of the door.



Finishing Options

- Pre-coated steel sheets RAL 7035, 5010, 9002, 9006, 9007, 9010, 9016
- Customized powder-coated to any RAL colour from standard RAL colour chart
- Stainless steel finish (mirror or brush finish)
- Epoxy powder primed finish
- Wet paint (spray paint)

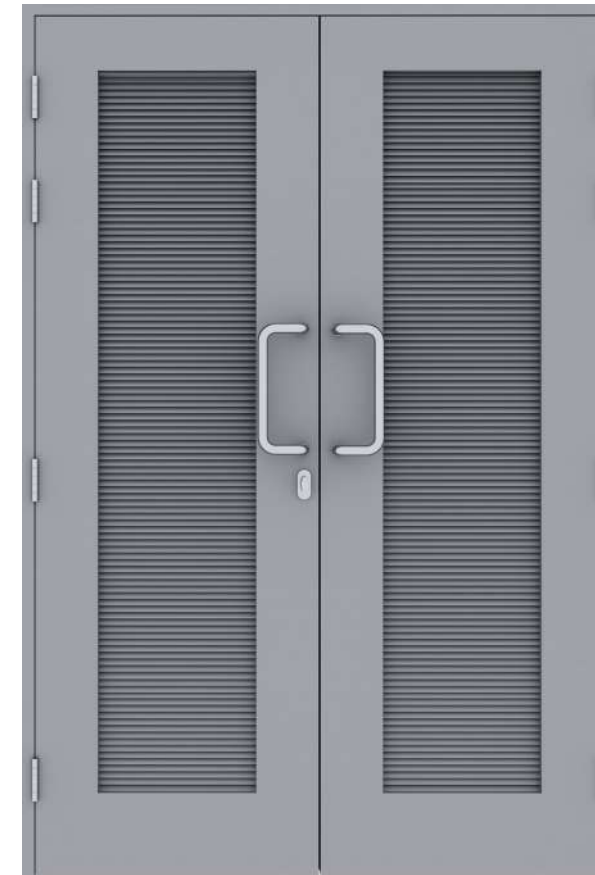


Door Frames

- Welded corner
- Knockdown corner

ASSA ABLOY provides a wide range of non fire rated doors available with a variety of configuration and options, suitable for locations such as bedrooms, kitchen and back of the house.

ProMetal Louver Door



Characteristics

- Full range of sizes
- Single or double-leaf version
- V Shape and Z Shape louvered blades
- Oversize with maximum height or width 3 m (double leaf)



Material

The doors are made of galvanized steel sheets or stainless steel sheets grade 304 (also available SS grade 316 on special customer request).



Finishing Options

- Pre-coated steel sheets RAL 7035, 5010, 9002, 9006, 9007, 9010, 9016
- Customized powder-coated to any RAL colour from standard RAL colour chart
- Stainless steel finish (mirror or brush finish)
- Epoxy powder primed finish
- Wet paint (spray paint)



Door Frames

- Welded corner
- Knockdown corner

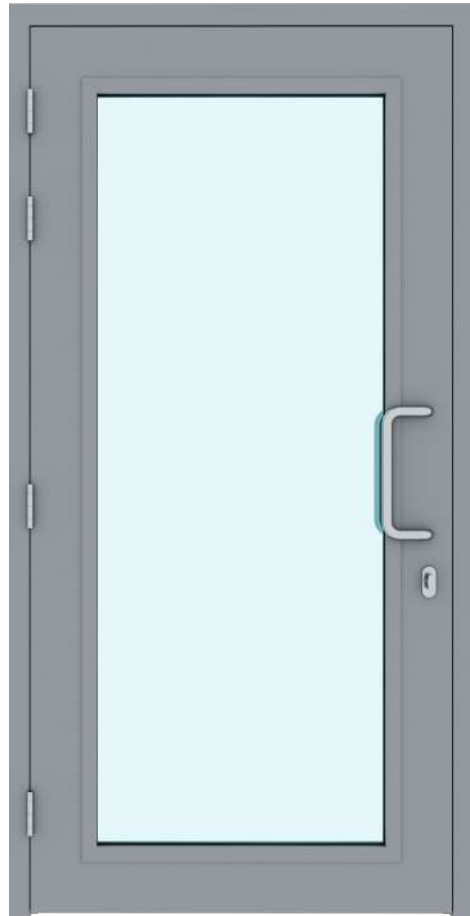
As additional and optional accessories we offer:

- Various types of ironmongery solutions from ASSA ABLOY
- Mesh to protect from insects

ASSA ABLOY provides a wide range of Louver doors available with a variety of configuration and various designs options suitable for internal or external usage.

ProMetal

Glazed Screen



ASSA ABLOY provides a wide range of Glazed Screens offered in combinations or modifications of single or double rebuted hollow metal frames. suitable for corridors.



Characteristics

- Full range of sizes
- Glazing- single/ double/ laminated
- The adaptability of the material shown to standard steel doors and frames
- Easy to maintain and highly durable



Material

The doors are made of galvanized steel sheets or stainless steel sheets grade 304 (also available SS grade 316 on special customer request).



Finishing Options

- Pre-coated steel sheets RAL 7035, 5010, 9002, 9006, 9007, 9010, 9016
- Customized powder-coated to any RAL colour from standard RAL colour chart
- Stainless steel finish (mirror or brush finish)
- Epoxy powder primed finish
- Wet paint (spray paint)

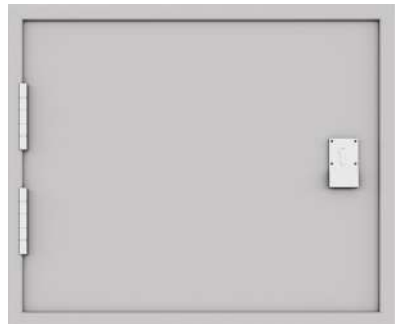


Door Frames

- Welded corner
- Welded Butt corner



ProMetal Access Panel



ASSA ABLOY's Access Panels are designed on purpose for use in hollow metal frames where there is a requirement to access services for maintenance purposes. Designs are also included for use in masonry usage. Access Panels can be specified in commercial, industrial, public and residential buildings. They are available as walls, in either standard or a choice of performance options. The panels are available in a range of standard sizes with a choice of finishes to suit different applications and with a choice of locks and latches.



Characteristics

- Full range of sizes
- Single leaf version
- Access panels are also available in brushed finish and mirror finish
- Access panels cladded with gypsum, ceramic or decorative cladding



Classification

- Fire Rated 30/60/90/120 minutes (BS and UL)
- As per NFPA 288

ProMetal Hatch Door



ASSA ABLOY's Floor Access Hatch are designed on purpose for indoor and outdoor application where dust and water are prevented from falling into work area. Drainage is provided through threaded coupling in channel.

Floor Access Hatch can be specified in commercial, industrial, public and residential buildings. They are available in standard or a choice of performance options. Hatch are available for use in 60 or 120 minute fire-rated constructions. Floor Access Hatch are available in a range of standard sizes with standard primer coating to suit different applications.



Characteristics

- Channel frame construction with 40mm drainage coupling and integral anchor flange to be cast into concrete
- Chewer plated door panels is equipped with steel drop handle and gas spring.
- Full range of sizes
- Single or double leaf version
- Floor Access Hatch are made of steel galvanized sheet and stainless steel
- Standard primer coating to suit different applications



Classification

- Fire Rated upto 90 minutes (UL)
- Floor Access Hatch can be cladded with ceramic flooring tiles or mortar



Material

Floor Access Hatch are made of galvanized steel sheets or stainless steel sheets grade 304 (also available SS grade 316 on special customer request). Insulated panels are filled with structural mineral wool with stiffener.



Finishing Options

- Standard primer-coated
- Stainless steel mill finish

Smaller size Floor Access Hatch can be supplied to site in assembled condition and bigger size to be assembled at site.



Frames

- Single leaf or double leaf constructed with heavy duty steel sheets reinforced with rectangular hollow section and insulated panels are insulated with rock wool infills
- With fire resistance up to 90 minutes
- Frames are made by heavy duty folded sheets as per design.

ProMetal

Water Resistant, Air Tight & Acoustic Doors



Gasketing and thresholds are used to control the flow of air, smoke, heat or cold, water, sound or other environmental factors through the door opening. The location or intended use of the door assembly, the environment to which it is exposed, and the performance expected will dictate the selection of gasketing and threshold products. The variety of materials, their composition, profiles, and performance are virtually limitless. These are described in ANSI/BHMA A156.21 or A156.22. Generally, gasket materials are sponge neoprene, rubber, vinyl, brushes, or magnets. Retainers are generally steel, aluminum, brass, bronze, vinyl, or other non-ferrous materials. Information in catalogs published by BHMA members aid in the selection of perimeter sealing “systems” to meet the applicable performance criteria of the door assembly.



Characteristics

- Full range of sizes
- Single or double-leaf version
- Glazing or fire protection
- The adaptability of the material shown to standard steel doors and frames
- The ability to maintain gasketing at the door and frame during periods of normal thermal movement to the balance of the building structure
- Easy to maintain and highly durable



Classification

- Fire Rated 30/60/90/120 minutes (BS and UL)
- Noise insulation properties Rw up to 49 dB

ASSA ABLOY provides a wide range of Water Resistant, Air Tight and Acoustic Metal Doors available with a variety of configuration and vision panel options, tested according to American Standards (UL) & British Standards (BS) suitable for locations such as staircase, corridor, service rooms or entrances.

Our full range of insulated doors with up to 3 hours fire rating is designed to suit power substations, cold stores, heat transfers applications and other similar locations.



Material

The doors are made of galvanized steel sheets or stainless steel sheets grade 304 (also available SS grade 316 on special customer request). Door leaves are filled with structural honeycomb or mineral wool with vertical stiffener of high density depending on the type of the door.



Finishing Options

- Pre-coated steel sheets RAL 7035, 5010, 9002, 9006, 9007, 9010, 9016
- Powder-coated to any RAL colour from standard RAL colour chart
- Stainless steel finish (mirror or brush finish)
- Epoxy powder primed finish
- Decoral painting system (wooden finish)
- Wet paint (spray paint)
- Flush, with vision panel or louver



Door Frames

- Welded corner
- Welded Butt corner
- Door seals



Doors Insulation & Acoustic Classification

Certification Body	Test/Relevant standard	Product Description	Single/ Double	Leaf Thickness		Frame Size (W X H) mm	Core Material	Max. Rating wt Seals (STC) dB	Max. Rating wt Seals (RW) dB
INTERTEK ACOUSTIC LAB									
	ASTM E90-2004	Single Acting Steel Doors	Single	45		914 x 2133	HC Proprietary Core	STC 35	STC 35
							Rock Wool	STC 37	STC 37
								STC 38	STC 38
								STC 40	STC 40
	Water Tightness (BS 6375-1: Part 1)						HC Proprietary Core	Class 3A, 100pa	Class 3A, 100pa
	Air Permeability (BS 5368: Part 1)						HC Proprietary Core	50pa to -600 Pa (Refer Report	50pa to -600 Pa (Refer Report
BODYCOTE AL FUTTAIM ACOUSTIC LAB									
Bodycote Lab	STC Calculated According to BS EN ISO 717 Part 1 and tested as per BS EN ISO 140 Part 3	Single Acting Steel Rebated Doors	Single	80		828 x 1958	Proprietary Core	STC 45	STC 45

Certification Body	Test/Relevant standard	Product Description	Single/ Double	Leaf Thickness		Frame Size (W X H) mm	Core Material	Max. Rating wt Seals (STC) dB	Max. Rating wt Seals (RW) dB	
LORIENT Lab	Tested as per BSEN ISO 10140-2:2010 Part-2	Single Acting Steel Doors	Double	46		1970 x 2185	RW Proprietary Core	STC 42	RW 42	
			Single	56		1020 x 2185		STC 39	RW 39	
			Double			1970 x 2185		STC 36	RW 37	
								STC 35	RW 37	
ACOUSTIC LOGIC (ASSESSMENTS)										
ACO. LOGIC	ASTM E 413	Single Acting Steel Doors	Double	46		1970 x 2185	HC Proprietary Core	STC 43		
			Single				HC Proprietary Core			
						Double	56	1020 x 2185		RW Proprietary Core
			Single			1970 x 2185				
			Double	1020 x 2185						
				1970 x 2185		STC 46				
				STC 47						
				STC 49						



**ProHealth
Doors**

ProHealth

Lead Lined Door



ASSA ABLOY’s full line of high quality lead lined doors and frames can achieve effective radiation protection. These openings accomplish the important task of reliably containing radiation in sensitive areas. These types of doors are perfect for meeting radiation proof requirements in aerospace facilities, microwave transmission rooms, X-ray, imaging rooms, nuclear power plants and security environments.

- ### Characteristics

 - Full range of sizes
 - Single or double-leaf version
 - Noise insulation properties Rw up to 50 dB
 - Door frames are made of wood or steel
 - Anti-bacterial finish
 - Lead sheets, available in 0.8 mm upto 6 mm thickness, integrated into door and frame
 - Vertically steel stiffened doors for added strength and durability
 - Standard 50-56 mm thick doors accommodate standard hardware
 - Standard 1.5mm steel; 1.2mm upto 2mm available
 - Lead lined frame

- ### Finishing Options

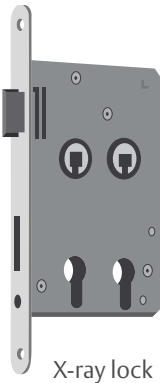
 - Pre-coated steel sheets RAL 7035, 5010, 9002, 9006, 9007, 9010, 9016
 - Powder-coated to any RAL colour from standard RAL colour chart
 - Stainless steel finish (mirror or brush finish)
 - Epoxy powder primed finish
 - Decoral painting system (wooden finish)
 - Wet paint (spray paint)

- ### Door Frames

 - Welded miter joints

As additional and optional accessories we offer:

- Various types of ironmongery solutions from ASSA ABLOY
- Self-closing devices: door closers and door coordinators
- Access control and automatic operators connected with BMS
- Thresholds and various types of seals



X-ray lock

ProHealth

Hermatic Door



- ### Characteristics

 - Full range of sizes
 - Single or double-leaf version
 - Noise insulation properties Rw up to 50 dB
 - Anti-bacterial finish
 - Lead sheets, available in 0.8 mm upto 6 mm thickness, integrated into door and frame
 - Vertically steel stiffened doors for added strength and durability
 - Standard 46 mm thick doors accommodate standard hardware
 - Standard 1.5mm steel; 1.2 upto 2mm available
 - Lead lined frame

- ### Classification

 - Radiation proof

- ### Finishing Options

 - Pre-coated steel sheets RAL 7035, 5010, 9002, 9006, 9007, 9010, 9016
 - Powder-coated to any RAL colour from standard RAL colour chart
 - Stainless steel finish (mirror or brush finish)
 - Epoxy powder primed finish
 - Decoral painting system (wooden finish)
 - Wet paint (spray paint)

ASSA ABLOY’s full line of high quality lead lined doors and frames can achieve effective radiation protection. These openings accomplish the important task of reliably containing radiation in sensitive areas.

These types of doors are perfect for meeting radiation proof requirements in aerospace facilities, microwave transmission rooms, X-ray, imaging rooms, nuclear power plants and security environments.

ProHealth Hospital Door



ASSA ABLOY provides a wide range of fire proof and acoustic doors for hospital environment available with a variety of configuration and vision panel options, tested according to American Standards (UL) & British Standards (BS) suitable for locations such as staircase, corridor, service rooms, patient rooms, operation theaters or entrances. We can also comply for green building regulations as per requirements.



Characteristics

- Full range of sizes
- Single or double-leaf version
- Glazing or fire protection ventilation grills
- Hollow metal steel doors are powder-coated in any colour from the RAL palette – in order to protect steel elements against the corrosion
- Hollow metal stainless steel doors are also available in brushed finish and mirror finish
- 46mm thick polyurethane core
- Available in 1, 1.2, 1.5 and 2 mm. Galvanized steel also available in G90.
- Face sheets are totally supported by rigid polyurethane for increased impact resistance
- Superior insulating characteristics
- Inverted top and bottom end channels welded to both face sheets for added stiffness. Optional steel closing caps available.
- Hinge reinforcement 4.5 mm steel
- High recycled steel content option also available for green building regulations as per requirement



Classification

- Fire Rated 30/60/90/120 minutes (BS and UL)
- Noise insulation properties Rw up to 50 dB



Finishing Options

- Pre-coated steel sheets RAL 7035, 5010, 9002, 9006, 9007, 9010, 9016
- Powder-coated to any RAL colour from standard RAL colour chart
- Stainless steel finish (mirror or brush finish)
- Epoxy powder primed finish
- Decoral painting system (wooden finish)
- Wet paint (spray paint)
- Flush, with vision panel or louver



Door Frames

- Assembled
- Knock down

As additional and optional accessories we offer:

- Various types of ironmongery solutions from ASSA ABLOY
- Self-closing devices: door closers and door coordinators
- Access control and automatic operators connected with BMS
- Thresholds and various types of seals



Free Motion Door Closer





**ProSecure
Doors**

ProSecure 2 and 3

Certified High Security Doors

High-quality Technology and design

ASSA ABLOY’s ProSecure doors and frames are part of our high-security range, certified by the BRE laboratory in the UK to meet the highest standards and requirements for security.

Our ProSecure 2 certified doors are ideally suited for office buildings and small shops, or any business holding items of value up to a few thousand dirhams in densely populated areas. They provide robust protection against unauthorized access attempts.



Applications:

- Embassies
- Hospitals
- Defense
- Stadiums
- Data Centers
- Rooms
- Box Offices
- Airports
- VIP Residences
- Utility Buildings
- Shopping Centers
- Currency Exchanges
- Municipal Buildings
- Cashier Handling Areas
- Banks

For businesses requiring an elevated level of security protection, particularly those at increased risk of intrusion, ASSA ABLOY offers the ProSecure 3 certified doors. These are equipped with advanced external security features to ensure the highest level of protection for your premises.

To meet the stringent ProSecure 3 certification requirements, a door must withstand an attack lasting up to 5 minutes, involving the use of heavy hand tools such as crowbars, hacksaws, and hammers, in addition to cordless drills and gas torches. If this level of security is what you seek, our ProSecure 3 certified door is designed to go the extra mile in securing your property.

Security Rating	Tool Category	Maximum Working Time (min)	Maximum Test Duration (min)
SR1	A	1	10
SR2	B	3	15
SR3	C	5	20



Clear Choices

Outstanding Value

Characteristics:

- Full range of sizes
- Single or double-leaf version with vision panel, including flush option
- Steel door frames
- Fire Rated (UL 10c)

Materials:

- Steel sheet doors with rockwool-filled, stiffened leaves

Finishing Options:

- Standard finish - RAL 5010, 6005, 7035, 9002, 9006, 9007, 9010, 9016
- Standard finish includes factory-applied primer

Optional Finishes

- Pre-coated steel sheets RAL 5010, 7035, 9002, 9006, 9007, 9010, 9016
- Cladding available in stainless steel finish
- Spray paint offered as a wet paint option

Door Leaf:

- Foil-wrapped door leaves for transport and assembly protection
- Single or double leaf
- Door with or without vision panel
- Single leaf outward opening hinged doorset 1.470mm wide x 3.255mm high
- Double leaf outward opening hinged doorset 3.360mm wide x 3.255mm high

Door Frame:

- Welded Corner

Hardware:

- ABLOY Lockset (ANSI profile option)
- Mottura Single Locking System, mechanical or motorized (EURO profile option)
- ASSA ABLOY Hinges
- ASSA ABLOY Flush Bolt
- ABLOY Hardened Steel Cylinder
- ABLOY Exit Device
- ABLOY Security Cylinder

Additional and optional accessories include:

- ASSA ABLOY ironmongery solutions available
- Mechanical or electromechanical multi-point security locks
- Self-closing mechanisms: Door closers and door coordinators
- BMS-integrated access control and automatic operators
- Various seal types and thresholds offered
- Mottura defender Cylinder Protection



ProSecure 4

High Security Doors

LPS 1175 - Issue 8 Certified by BRE Laboratory: Elevating Security Standards

Unmatched security and peace of mind with the LPS 1175 - Issue 8 certified ProSecure 4 doors from ASSA ABLOY. These advanced security solutions have been rigorously tested to surpass the most stringent security benchmarks, establishing a new standard for safeguarding.

The ProSecure 4 certification signifies that these products are engineered to resist prolonged and sophisticated attacks, including those involving power tools. Designed to offer at least 10 minutes of resistance against attacks with tools classified in category D, these doors are essential for environments demanding the utmost in security.

Ideal for protecting highly valuable assets or sensitive information, our ProSecure 4 rated doors are the trusted choice for financial institutions, data centers, government facilities, and more.This certification underscores our products’ ability to guard against the most determined intrusions.



LPS 1175 - Issue 8: A Benchmark of Excellence

Applications:

- VIP Residences
- Utility Buildings
- Cashier Handling Areas
- Currency Exchanges
- Box Offices
- Airports
- Data Centers
- Shopping Centers
- Embassies
- Municipal Buildings
- Hospitals
- Defense
- Stadiums
- Banks

The distinction of our doors comes from the LPS 1175 - Issue 8 accreditation, achieved through a comprehensive evaluation process conducted by the BRE Laboratory in the UK. This accreditation is more than a benchmark; it's a testament to our doors’ ability to meet and exceed rigorous security standards.

The LPCB certification stands as a mark of superior quality and security excellence. It assures our clients that each door has been subject to thorough testing and evaluation by independent security experts. This external validation affirms our commitment to delivering products that provide unparalleled protection and peace of mind.

By opting for the ProSecure 4 doors, you are not just choosing security; you’re aligning with thehighest standards of protection. This choice reflects our deep-rooted dedication to offering security solutions that meet the most rigorous global benchmarks.

Security Rating	Tool Category	Maximum Working Time (min)	Maximum Test Duration (min)
SR4	D	10	30

Clear Choices

Outstanding Value

Characteristics:

- Customizable size range to meet specific requirements
- Available in single or double leaf configurations
- Steel-constructed door frames

Materials:

- Engineered with a blend of steel types for optimal security, insulated with rockwool

Finishing Options:

- Standard finish: factory-applied powder coating
- Cladding options in stainless steel, bronze, and copper finishes

Door Leaf:

- Single leaf outward opening hinged doorset 1.4mm wide x 3.05 high
- Double leaf outward opening hinged doorset 2.53mm wide x 3.05mm high

Door Frame:

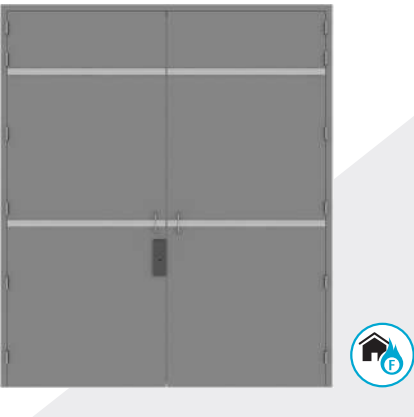
- Welded corner
- Knock down frames

Hardware:

- ABLOY Motorized MultiPoint Lock (EURO profile option)
- Mottura 3 point locking System, mechanical or motorized (EURO profile option)
- ABLOY Protec2 High Security Cylinder
- Multilock High Security Cylinder
- Vachette Radial High Security Cylinder
- ABLOY High Security Cylinder
- ASSA ABLOY Rim Cylinder

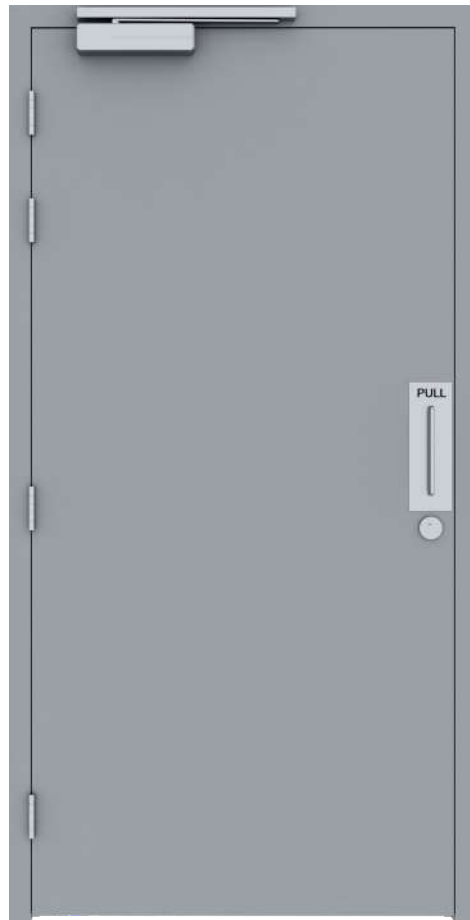
Additional and optional accessories include:

- Self-closing devices including door closers and coordinators
- BMS-compatible access control and automatic operators
- Variety of thresholds and seals available



ProSecure

Blast Resistant Door



ASSA ABLOY's has developed Blast Resistant Door to meet project requirements for safety and security objectives. Providing extra protection against explosions and excessive force, our blast resistant openings meet or exceed the stringent manufacturing and performance requirements.



Characteristics

- Full range of sizes
- Single or double-leaf version
- Door frames are made of steel



Classification

- Single or Double Leaf – 3.5 psi (ASCE 2.0)



Material

Door Leafs are embedded with ballistic certified Armour panels of the said rating



Finishing Options

- Standard finish
- Factory applied primer as standard finish
- Pre-coated steel sheets RAL 7035, 5010, 9002, 9006, 9007, 9010, 9016
- Stainless steel finish (cladding)
- Wet paint (spray paint)



Door Frames

- Welded corner

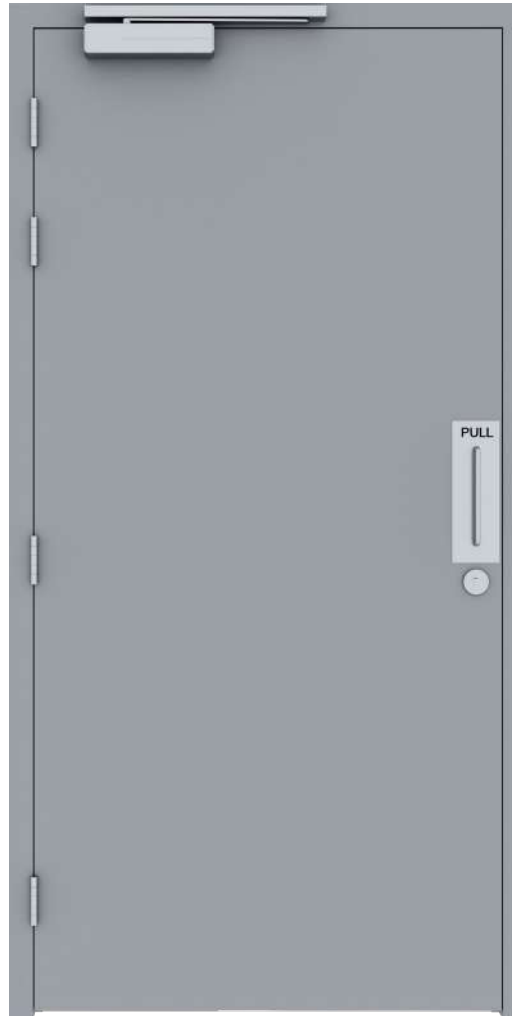
As additional and optional accessories we offer:

- Various types of ironmongery solutions from ASSA ABLOY
- Self-closing devices: door closers and door coordinators
- Access control and automatic operators connected with BMS
- Fire rated and non-fire rated louvers
- Drip caps for external doors



ProSecure

Bullet Resistant Door



ASSA ABLOY's Bullet Resistance Doors provides protection against assault and vandalism at vulnerable door openings such as isolated utility buildings, cashier rooms, currency exchanges, box offices, etc. Our doors are effective against a wide range of small firearms when used with structures similarly rated. Available in standard door sizes constructed with 2.8 mm steel and frames are 3 mm steel with welded corners.

ASSA ABLOY doors Level 1 through Level 3 (with Steel Stiffened core) can be optionally UL fire rated up to 90 minutes.
Level 4 through Level 8 bullet resisting door and frame (UL 752).

Level 4 - 8 bullet resistant system offers the absolute best protection against bullet penetration and fragmentation. We use fiber glass armour panels which protects against assault and vandalism at vulnerable door openings. Level 4 - 8 is designed for installations requiring bullet resistance up to Level 8, 7.62 mm high powered military rifles.



Characteristics

- Full range of sizes
- Single or double-leaf version
- Flush or vision panel
- Door frames are made of steel
- EN Standard



Classification

Bullet Protection Ratings

- Level 1 - 9mm (3 shots)
- Level 2 .357 Magnum (3 shots)
- Level 3 .44 Magnum (3 shots)
- Level 4 .30 Caliber Rifle (1 shot)
- Level 5 - 7.62mm Rifle (1 shot)
- Level 6 - 9mm (5 shots)
- Level 7 - 5.56mm Rifle (5 shots)
- Level 8 - 7.62mm Rifle (5 shots)



Material

The doors are made of steel sheets. Door leaves are filled with ballistic fiber glass armour panels with vertical stiffener of high density depending on the type of the door.



Finishing Options

- Standard finish
- Factory applied primer as standard finish
- Pre-coated steel sheets RAL 7035, 5010, 9002, 9006, 9007, 9010, 9016
- Stainless steel finish (cladding)
- Wet paint (spray paint)

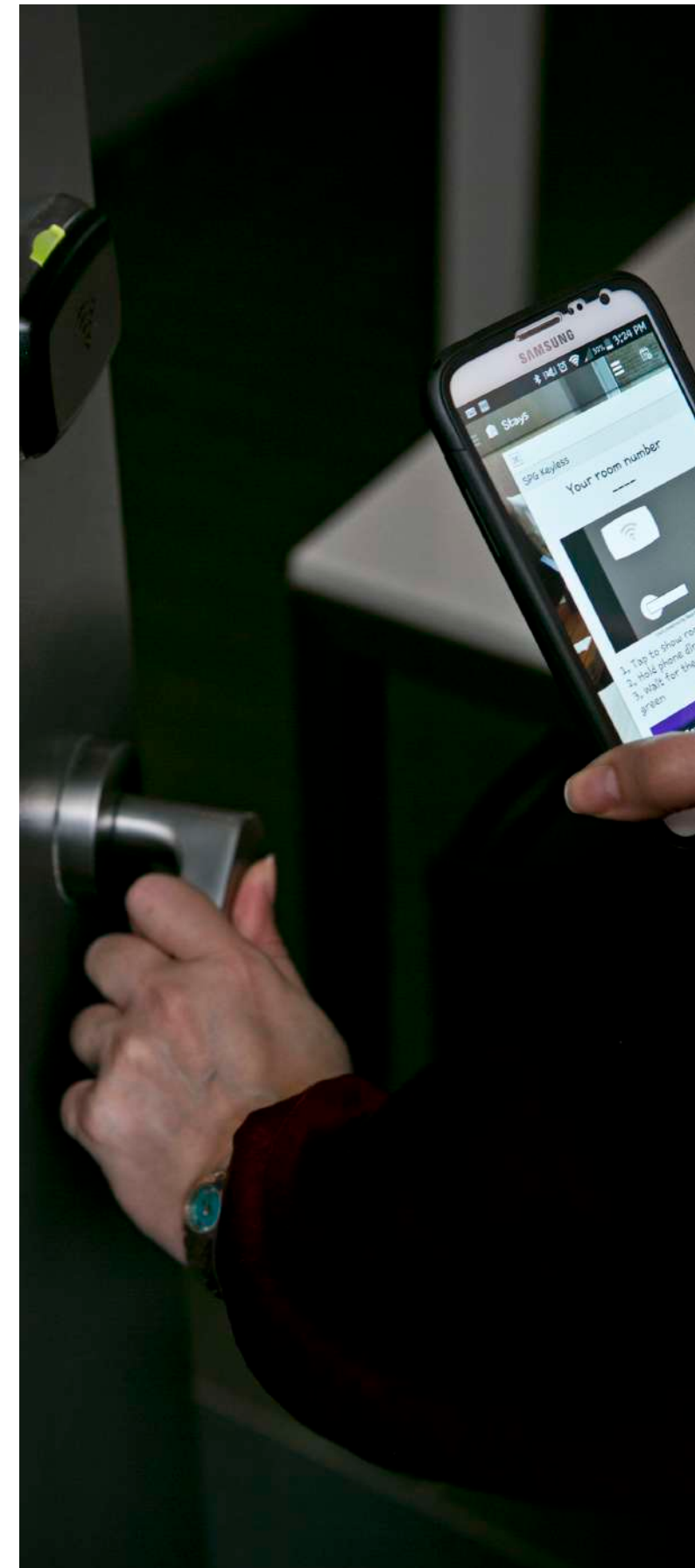


Door Frames

- Welded corner
- Butt bolted (fixed or removable)

As additional and optional accessories we offer:

- Various types of ironmongery solutions from ASSA ABLOY
- Self-closing devices: door closers and door coordinators
- Access control and automatic operators connected with BMS
- Fire rated and non-fire rated louvers
- Drip caps for external doors



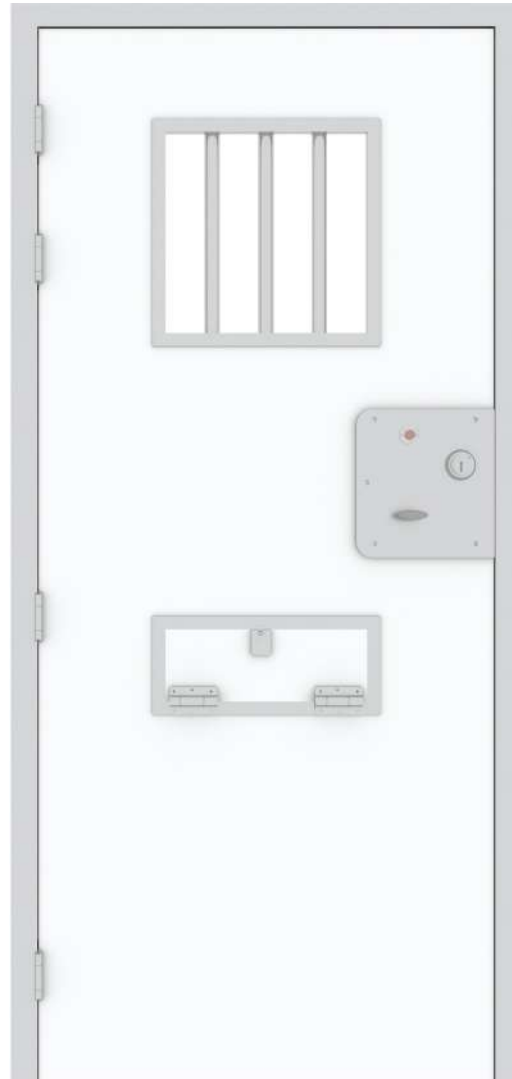
ProSecure Doors Ballistic Classification

Assesments/ Certification Body	Test/Relevant standard	Product Description	Test/Assessment Report Ref:	Single/ Double	Leaf Thickness		Frame Size (W X H) mm	Core Material	Vision panel Size/ Area	Max. Rating /			
	LPCB LPS 1175: Issue 8 SR2, SR3, SR\$	ProSecure 2 ProSecure 3	1588a	Single	56		1300 x 2250	SR2 Proprietary Core	NA	RC2 / WK2			
			1588b	Double			2400 x 2250						
ODL Engg	DIN EN 1627 to 1630:2011	RC2/WK2 Level Steel Doors	ODD162-ST-RPT-101 ODD162-ST-RPT-102	Single Double	54		1000 x 2200	RW + Steel Stiiffened	300 x 750 (GB1 Cat. 19mm Sec Glass)	Level FB1 / RC5 / RC6 & WK5-6			
GL Noble Denton	DIN EN 1627 to 1630:2011 EN1522 EN1523 UL752		TWE-J12070 Rev. A1	Single								Steel Stiffened Proprietary Core	Level -3 0.44 Magnum 3 Shots
Transworld	ANSI HMMA 863-98; ASTM F1450-05; ASTM F 1592-01 & UL-752	Detension & Ballistic LVL-3 0.44 Magum; 3 Shots	TWE-E12028 Rev. A0		56							NA	Level-1
													Level-2 to 3
													Level-4
EURO MULTI TECH	DIN EN 1522/1523	Ballistic Rated Doors	EME- E12075 Rev-3a		46		1300 x 2750		100 x 600 (0.06sq.m)	SR2			
					56		2650 x 2750			SR3			
							1300 x 2750						
							2650 x 2750						

Assesments/ Certification Body	Test/Relevant standard	Product Description	Test/Assesment Report Ref:	Config.	Leaf Thickness		Frame Size (W X H) mm	Core Material	Vision panel Size/ Area	Blast Rating (Psi/Bar)	Duration	Direction Of Blast	Category (1-4)
											(Milli Sec.)	Seated/ Unseated	
 ODL Engineering	ASCE , ASTM F 2247	BLAST DOOR -0.1 BAR	ODD200-ST-RPT-003 Rev:B	Single	80		1000 x 2200	RW + Steel Stiiffened	NA	1.45 Psi / 0.1 Bar	160	Seated	1
				Double			2000 x 2700						
				Double OVZ			3000 x 2800						
		BLAST WINDOW -0.1 BAR	ODD162-ST-RPT-201 Rev:0	Glass WINDOW	-		600 x 1500	Rated Glass	33 MM Thk. Blast Rated Glass (Vitrogard)	3 Psi / 0.21 Bar	120 - 150		
		BLAST DOOR -0.21 BAR		Single	66		1400 x 2340	Proprietary Core	NA			5.9 Psi / 0.41 Bar	
				ODD162-ST-RPT-004 Rev:3	Double		75						
		BLAST DOOR - 0.41 BAR	ODD162-ST-RPT-06 Rev:1	Single	56	1100 x 2950							

ProSecure

Detention Door



Characteristics

- Full range of sizes
- Single or double-leaf version
- Security Glazed or Grill
- Flush with vision panel



Material

The doors are made of heavy guage steel sheets, steel solid bars or attack resistance glass.



Finishing Options

- Standard finish: RAL 7016, 7035, 7042, 9002, 9005, 9010, 9016
- Factory applied primer as standard finish
- Wet paint (spray paint)



Door Frames

- Welded corner

Application

- Cell door
- Pedestrian swing gate
- Entrance doors
- Security control room
- Management fence
- Vehicle gate operator
- Cell toilet door

ASSA ABLOY offers full range of detention product requirements for cell doors, cell toilet, pedestrian swing gate, etc., designed as per international standards under ProSecure series.

Prison Doors, Jail Doors, Detention Doors, Detention Grill Doors can be customized to fit any combination of door specification. Our doors and frames are used as prison doors and jail doors as well as in many other security applications. ASSA ABLOY offers full range of security cell grills designed to meet the international standard requirements for the Detention Product.

As additional and optional accessories we offer:

- Various types of ironmongery solutions from ASSA ABLOY
- Custodial Locks (Mechanical or Electromechanical)
- Self-closing devices: door closers and door coordinators
- Access control and automatic operators connected with BMS
- Fire rated and non-fire rated louvers
- Thresholds and various types of seals



Custodial Lock

Powered by:

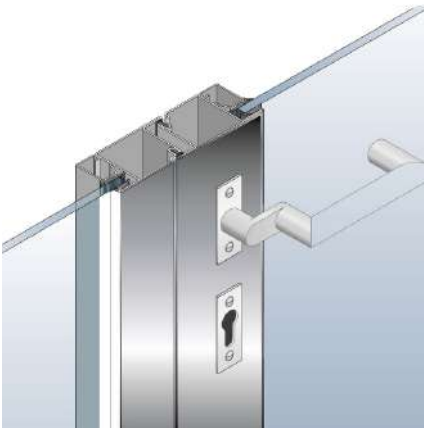


A photograph of a modern building with a curved, vaulted roof structure. The building features large, multi-paned arched windows and balconies with dark metal railings. The lower part of the building has a light-colored wooden facade, while the upper part is dark grey. The sky is overcast.

Fire & Security Rated Glazed Doors

Fire & Security Rated
Glazed Doors

AAF-P50 - Non-thermally insulated doors & partitions



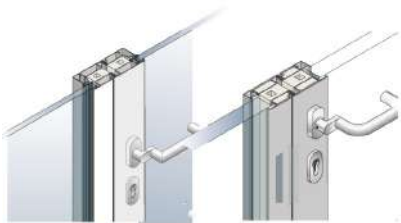
Material	Mild Steel
	Zinc Magnesium coated steel
	Stainless steel 304 & 316
Profile depth	50mm
Design Variants	Fire Rating E180/EW120 (EN 1364-1 & EN 1634-1)
	Fire Rating 1.5 hours (UL 10C/NFPA 252)
	Smoke Resistance Sa, S200 (EN 1634-3)
	Burglar Resistance RC 1-3 (EN 1627-1630)
	Sound Insulation 48 dB (EN 140-3)
Applications	Fixed Partitions
	Single & Double Leaf Hinged Doors
	Single & Double Leaf Swing Doors
	Automatic Sliding Doors

AAF-U70 - Thermally insulated doors & partitions



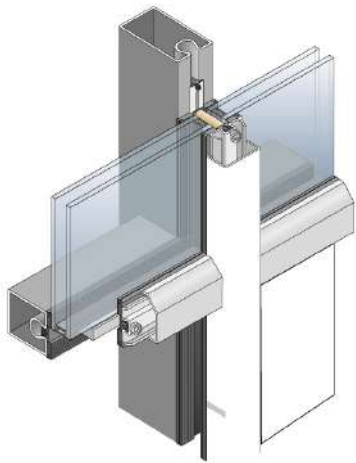
Material	Zinc Magnesium coated steel
	Stainless steel 304
Profile depth	65mm & 70mm
Design Variants	Fire Rating EW60 (EN 1364-1)
	Ballistic Rating BR4-6 (EN 1522/1523)
	Blast Rating EPR1(S) (EN 13123-1)
	Burglar Resistance RC 1-3 (EN 1627-1630)
	Sound Insulation 46 dB (EN 140-3)
Applications	Fixed Partitions
	Single & Double Leaf Hinged Doors

AAF-FL65/70 - Advanced thermally insulated doors & partitions



Material	Zinc Magnesium coated steel
	Stainless steel 304
Profile depth	65mm & 70mm
Design Variants	Fire Rating EI90 (EN 1634-1)
	Fire Rating 1.5 hours (UL 10C/NFPA 252)
	Smoke Resistance Sa, S200 (EN 1634-3)
	Sound Absorbion w/ Fire Rated panels 2 hours (ASTM E119)
	Burglar Resistance RC 1-3 (EN 1627-1630)
	Sound Insulation 48 dB (EN 140-3)
Applications	Single & Double Leaf Hinged Doors
	Single & Double Leaf Swing Doors
	Automatic Sliding Doors

AAF-TV45 - Curtain Walls



Material	Mild Steel
	Galvanized steel
	Stainless steel 304
Profile depth	45mm
Design Variants	Fire Rating up to EW120/EI120 (EN 1364-1)
	Fire Rating up to 2 hours (UL 263/NFPA 251)
	Ballistic Rating BR4,6,7 (EN 1522)
	Blast Rating EPR1(S) (EN 13123-1)
	Burglar Resistance RC 1-3 (EN 1627-1630)
	Sound Insulation up to 50 dB (EN 140-3)
Applications	Fixed Partitions

Residential Doors



Yale Smart Door
Residential Door



Classification

- Fire Rated 30/ 60/ 90/ 120 minutes (BS and UL)
- Acoustic rating 28/ 35/ 37/ 38/ 40/ 45/ 47/ 49/ 50 (ASTM E90)
- LPS 1175 Certified SR2 & SR3
- Air Permeability (BS 5368: Part 1)

Technology

The production of steel residential doors are based on unique technology, which involves procedure of using special core along with reinforced vertical stiffeners to achieve desired security.

Material

The doors are made of galvanized steel sheets or stainless steel sheets grade 304 (also available SS grade 316 on special customer request).

Finishing Options

- Pre-coated steel sheets RAL 7035, 5010, 9002, 9006, 9007, 9010, 9016
- Powder-coated to any RAL colour from standard RAL colour chart
- Stainless steel finish (mirror or brush finish)
- Epoxy powder primed finish
- Decoral painting system (wooden finish)
- Wet paint (spray paint)

Door Frames

- Door frames are made of steel galvanized sheet and stainless steel. Hollow metal steel doors are powder-coated – in order to protect steel elements against the corrosion.
- Welded corner

Characteristics

- Full range of sizes
- Single or double-leaf version
- Glazing or fire protection
- Noise insulation properties STC up to 50 dB
- Flush, with vision panel or louver
- Oversize with maximum height 3 meter and width 2.2 meter (double leaf)

Wooden Finish Options

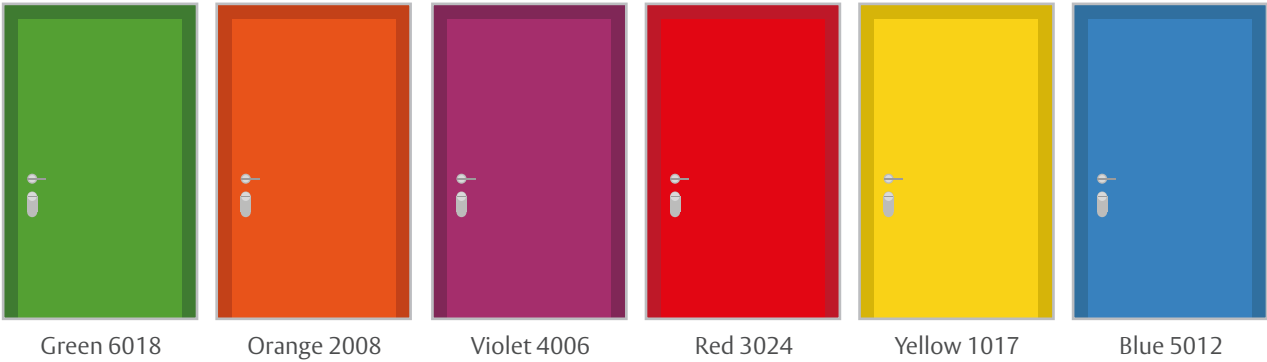
Elegant



Infill Options



Residential Door Colors



Door configuration table

Model		Description	Size	Leaf Thickness	Sheet Thickness	Leaf Finish
Elegant	E1	Steel Door with wooden finish; Honeycomb infill	1000 x 2100	46	1.2 Frame, 1.0 Leaf	Wooden Finish
	E2				1.2 Frame, 1.2 Leaf	
	E3				1.5 Frame, 1.2 Leaf	
	E4				1.5 Frame, 1.5 Leaf	
	E5	Steel Door with wooden finish; Rockwool infill			2.0 Frame, 1.5 Leaf	
	E6				2.0 Frame, 2.0 Leaf	
Vivid	V1	Steel Door with RAL finish; Honeycomb infill	1000 x 2100	46	1.2 Frame, 1.0 Leaf	Solid RAL Color
	V2				1.2 Frame, 1.2 Leaf	
	V3				1.5 Frame, 1.2 Leaf	
	V4				1.5 Frame, 1.5 Leaf	
	V5	Steel Door with RAL finish; Rockwool infill			2.0 Frame, 1.5 Leaf	
	V6				2.0 Frame, 2.0 Leaf	

50 Leaf thickness available on request

Typical Door Leaf Types

Leaf Section



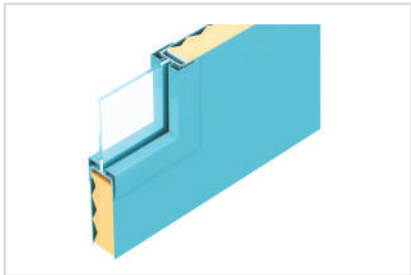
Double leaf-Flush Design



Double astragal detail



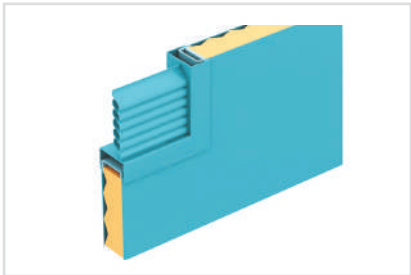
Round vision panel



Square vision panel

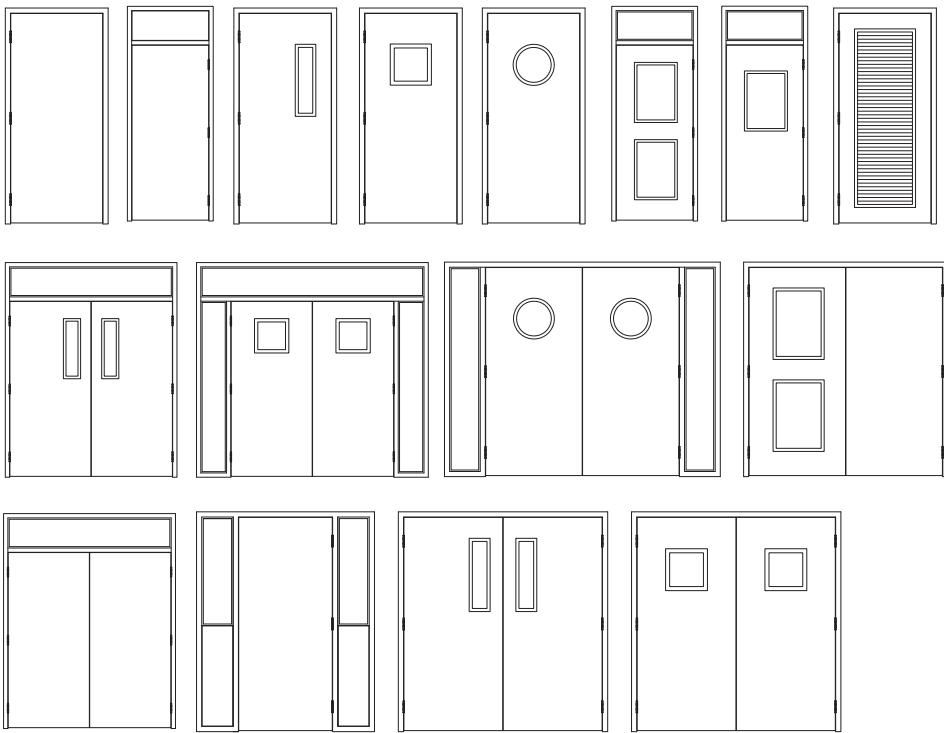


Louver- V shape



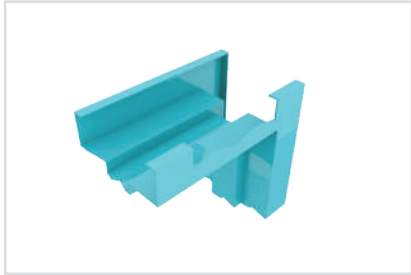
Louver- Z shape

Door Configurations

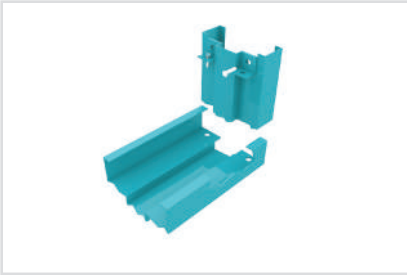


Frame Elevation Section / Fixing

Frame Construction



Welded corner

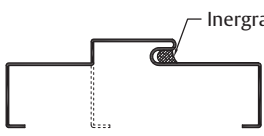


Knock down

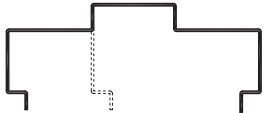


Butt bolted-Fixed- Removable

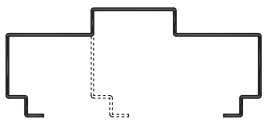
Frame Section



Profile with Integral Seal



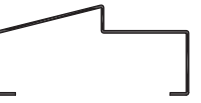
Profile with Simple Plaster Groove



Profile for reinforced Plaster Groove



Head profile for double swing door



Cill inward operation



Profile for double swing door



Cill outward operation



Self Adhesive Seal

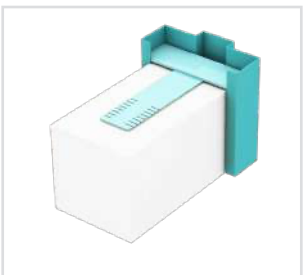


Integral Fin Seal

Frame Fixing



Side fixing



T-Anchore



Back plate-Rubber plug



Countersunk bolt

Standard Hardware Options

A choice of European and American standard hardware solutions are available as standard for our doors from ASSA ABLOY Opening Solutions Middle East.

Our product offering includes cylinders, security and emergency locks, electric locking products, intelligent asset management systems, access control solutions, automatic

operators, architectural glass hardware and supporting architectural hardware such as door furniture, hinges, sliding hardware door closers and escape systems.

Vercy Handles



ANSI Lever Handles



Hinge Cylinder ANSI Cylinder Door Stopper



Single Pull Handle Back to Back Pull Handle Electromagnetic Lock Floor Spring



Narrow Lock Mortice Lock X-ray Lock ANSI Lockset



Code Handle Access Control Electric Strike Electronic Cylinder & Key Card Reader



Panic Exit Device - Push Bar Panic Exit Device - Touch Bar ANSI Panic Device



Over Head Door Closer Concealed Door Closer





Wooden Doors

Wooden Doors

Fire Rated / Non Fire Rated Door



ASSA ABLOY is the leading manufacturer of wooden doors for the high-end residential and commercial projects in the Middle East, STAN countries and Africa. All the wooden doors produced by ASSA ABLOY are of high quality and manufactured in the accordance with the requirements of the local Civil Defense, adhering to the international quality standards by acquiring such certifications as Program for the Endorsement of Forest Certification (PEFC), Forest Stewardship Council (FSC) and ISO 9000:2008.



Characteristics

- Standard range of sizes
- Maximum 2m x 2.4m

These fire rated doors provide safety and security to public areas from retail to industrial premises as well as parking lots.

Doors are designed to satisfy fire protection, security considerations and protect against the influences of weathering. They satisfy the most stringent requirements for technical functionality and extreme continuous stresses.



Classification

- Fire Rated 30/60/90/120 minutes
- Noise insulation properties Rw up to 50 dB
- UL Certified 20/45/60/90 minutes
- BS Certified 30/60/90/120 minutes



Technology

The production of wooden doors is based on modern technology, which involves procedure of cutting, planing, notching, sanding, pressing and painting by modern machineries. This solution guarantees high quality, perfectly smooth surface of the door frames, leaf and architraves.



Delivery

Door frames & leaves are wrapped with plastic foil and cartons with wooden pallettes in order to protect during the transport and the assembly.



Material

The doors are made of natural hard and soft wood, engineered wood, MDF plywood, block boards veneers, HPL, high density fire rated chip boards and mineral boards. Door leaves are filled with honeycomb, hollow and solid chip boards, softwood, hard wood and fire rated doors filled with high density fire rated chip boards and mineral boards.



Sustainable Point : ISO 9001: 2008



Sound Proof : Up to 40 dB



Fire : Up to 120 minutes



Frame Options

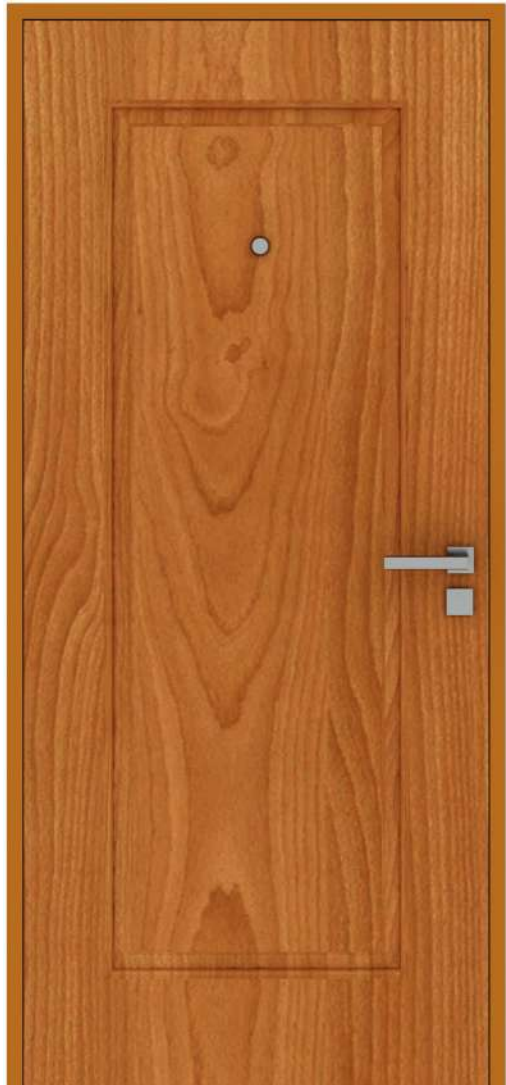
- Frame-less door
- Flush doors
- Frame with metal door options also available



Wooden Doors Classification & Standards

Certification Body	Fire Rating Standard	Max. Door Size		Leaf Thk.	Door Type		Vision Panel	Door Frame	Door Leaf	Fire Rating									
 Intertek  THOMAS BELL-WRIGHT INTERNATIONAL CONSULTANTS 	 PART 22	1000	2200	55	Flush		-	Wood	Single	60 MIN.									
		990		68			180 x 360												
		1080	2190	59							90 MIN.								
		1180		48			-												
		1990	2195	49															
		1284 (1250)	2217 (2200)	55				Steel	Double										
		2034 (2000)							Single										
	 PART 22	1350	2500	300 x 700			Single												
			2430						Mineral board										
		2000	2440					Steel	Double										
									Single										
	 PART 22	1350						Mineral board	Double	45 MIN.									
		2000																	
		Steel																	
								2500											

Home Series
Standard Residential Doors



ASSA ABLOY's Home Series wooden door is a new version of simple and attractive high-end designs of flush door, suitable for the multi-residential sector, apartments and compounds.



Characteristics

- Single & double leaf available
- Standard sizes are available, which could fit all the

Door's location as per below:

Door Location	Structural Opening	Jamb Depth
Flat Main Entrance DD	1600 x 2200 mm	240 mm
Flat Main Entrance SD	1100 x 2200 mm	240 mm
Bedroom / Kitchen	900 x 2200 mm	140 mm
Bathroom	800 x 2200 mm	140 mm



Classification

- Non Fire Rated Door (NFR), Solid Chipboard Core pressed with direct veneer
- Fire Rated Door (FR), BS standard Fire Core (FR-30/60/90/120) fitted with a solid lipping all around and pressed with high quality of veneer
- Acoustic (A) for NFR and FR doors up to 35 db



Material

ASSA ABLOY provides a variety of solid wood for frames and veneers for the leaf suitable for the Home Series sector.

Solid Wood types (for frames and architraves)

- Frame is available in solid or engineering wood
- Architrave is available in solid or engineering wood
- Wooden leaf & Metal frame also available



Finishing Options

Natural veneer with lacquer coat or pigmented coat or HPL



Hardware

ASSA ABLOY Opening Solutions recommends the below hardware sets, complementing the Home Series Doors

Yale Brass Handles



YPBL802



YPVL 901



YPVL 902



Zinc handles



Alloy handles

Concealed Hinges



Access Control Hardware



Assure



YDM3168



YDM4109A

Mechanical Hardware



Cylinder 2000



Door chain



Door Stopper



Elite Series

Elite Series



Characteristics

- Single & double leaf available
- Standard sizes are available, which could fit all the

Door's location as per below:

Door Location	Structural Opening	Jamb Depth
Flat Main Entrance DD	1600 x 2200 mm	240 mm
Flat Main Entrance SD	1100 x 2200 mm	240 mm
Bedroom / Kitchen	900 x 2200 mm	140 mm
Bathroom	800 x 2200 mm	140 mm

- Single or double leaf decorative wooden door for your main entrance, dining or living room. Could be swing or sliding system to give a super elegant impression to your home



Classification

- Non Fire Rated Door (NFR), with a full Solid Natural Timber door Stiles and Rails and decorative panels, which add a special touch to your dream home
- Acoustic (A) for NFR and FR doors in range of 28 dB



Material

ASSA ABLOY provides a variety of solid natural wood for the complete door set suitable for the ELITE SERIES sector

Solid Wood types (for frames and architraves)



Finishing Options

A multiple coats of sealer gives a good protection against the weather changes followed by single topcoat which makes your doors elegant and smooth.

- Solid natural wood frame matching your door leaf
- Solid natural wood decorative architrave



Hardware

ASSA ABLOY Opening solution recommend below hardware sets for ELITE SERIES Doors

Linus smart door locks



Valli & Valli Handles



H1062 Carmen

H1039 Fedra



H1065 Naked Due

H343 Duemila



Concealed door closer



Cylinder
(Yale 2000 series)

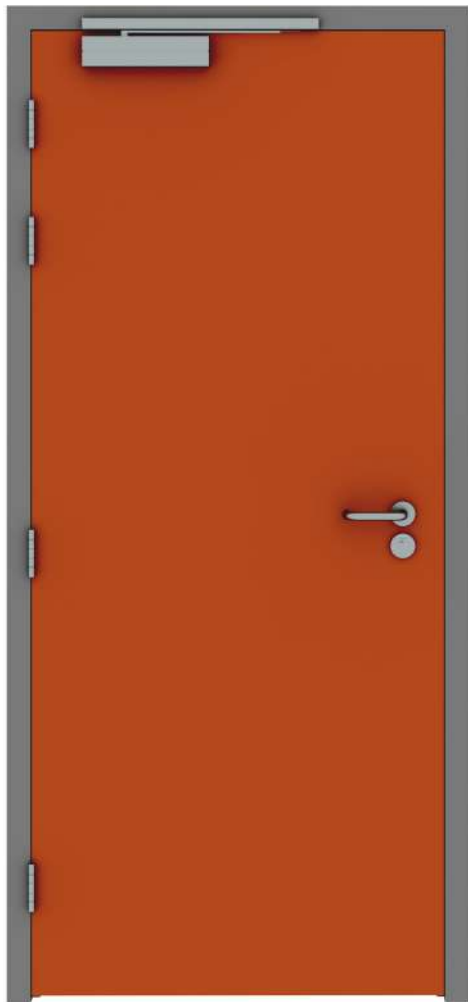
Mechatronic key

Digital Door Viewer

DC840

Health Series

Lead Line



ASSA ABLOY provides lead lined doors for hospital environment available with a variety of configuration and vision panel options suitable for x-ray rooms. We can also comply for green building regulations as per your project requirement.



Characteristics

- Standard sizes- 1000 x 2200mm
- Single or double leaf
- Steel frame and wooden leaf



Classification

- Radiation proof
- Noise insulation properties Rw up to 35 - 40 dB



Material

ASSA ABLOY provides a variety of sizes and colors for the complete door set suitable for the HEALTH SERIES sector

Steel frames for X-ray doors



Finishing options

- RAL colour chart
- PU paint
- HPL
- Anti-bacterial finish



Door Leaf

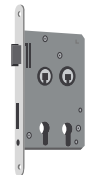
Door frames & leaves are wrapped with plastic foil and cartons with wooden pallettes in order to protect during the transport and the assembly.

- Door frames are made of wood or steel
- Flush or with vision panel
- Lead sheets, available in 0.8 mm upto 6.4 mm thickness, integrated into door and frame



Doors Frames

- Assembled
- Knock down



X-ray lock

Health Series

Patient Room Door



ASSA ABLOY provides a wide range of fire proof and acoustic doors for hospital environment available with a variety of configuration and vision panel options, tested according to American Standards (UL) & British Standards (BS) suitable for locations such as staircase, corridor, service rooms, patient rooms, operation theaters or entrances. We can also comply for green building regulations as per your project requirement.



Characteristics

- Steel frame and wooden leaf
- Single or Double Leaf Steel Doorset



Classification

Noise insulation properties Rw up to Max. 40 dB With fire resistance up to max. 90 min. Flush with vision panel.



Material

The doors are made of particle board or mineral core. Door frames can be provided in solid wood or steel as per the requirement.



Finishing options

- RAL colour chart
- PU paint
- HPL
- Anti-bacterial finish



Door Leaf

Door frames & leaves are wrapped with plastic foil and cartons with wooden pallettes in order to protect during the transport and the assembly.

- Single or double leaf
- Glazing or fire protection



Doors Frames

- Assembled
- Knock down

Education Series

Education Series



Characteristics

- Standard sizes
- Single or Double Leaf Steel Doorset



Classification

- Fire Rated 30/60/90/120 min not tested (BS)
- Fire Rated 20/45/60/90minutes (UL)
- Noise insulation properties Rw up to 40 dB



Material

The doors are made of particle board or mineral core. Door frames can be provided in solid wood or steel as per the requirement.



Finishing options

- RAL colour chart
- Veneers
- HPL
- Anti-bacterial finish



Door Leaf

Door frames & leaves are wrapped with plastic foil and cartons with wooden pallets in order to protect during the transport and the assembly.

- Single or double leaf
- Glazing or fire protection



Doors Frames

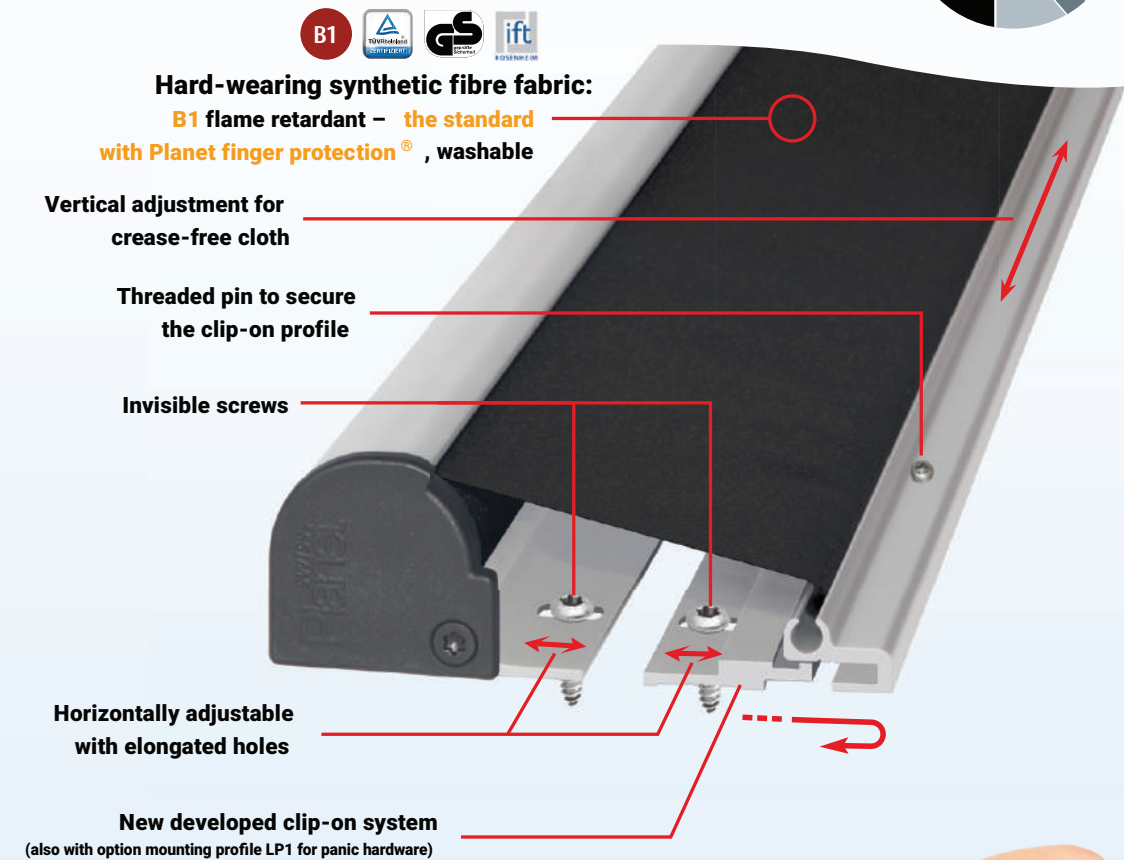
- Assembled
- Knock down
- Door frames are made of wood or steel

ASSA ABLOY provides a wide range of fire proof and acoustic doors for education series available with a variety of configuration and vision panel options, tested according to American Standards (UL) & British Standards (BS) suitable for locations such as staircase, corridor, classrooms or entrances. We can also comply for green building regulations as per your project requirement.



Finger Protection

Advantages and features of the roller protectors FSR from Planet



These protectors are used to protect the fingers at kindergartens, schools, old age homes, etc.



Hotel Series

Fire Rated Series



ASSA ABLOY provides a wide range of fire proof doors available with a variety of configuration and vision panel options, tested according to American Standards (UL) & British Standards (BS) suitable for locations such as staircase, corridor, service rooms or entrances. We can also comply for green building regulations as per requirements.



Characteristics

- Standard sizes
- Single or Double Leaf Steel Doorset



Classification

- Fire Rated 30/60/90/120 min not tested (BS)
- Fire Rated 20/45/60/90minutes (UL)
- Noise insulation properties Rw up to 40 dB



Material

The doors are made of particle board or mineral core. Door frames can be provided in solid wood or steel as per the requirement.



Finishing options

- RAL colour chart
- PU paint
- HPL



Door Leaf

Door frames & leaves are wrapped with plastic foil and cartons with wooden pallettes in order to protect during the transport and the assembly.



Doors Frames

- Assembled
- Knock down
- Door frames are made of wood or steel

Technical Details

Door Designs

Double Doors



Single Doors

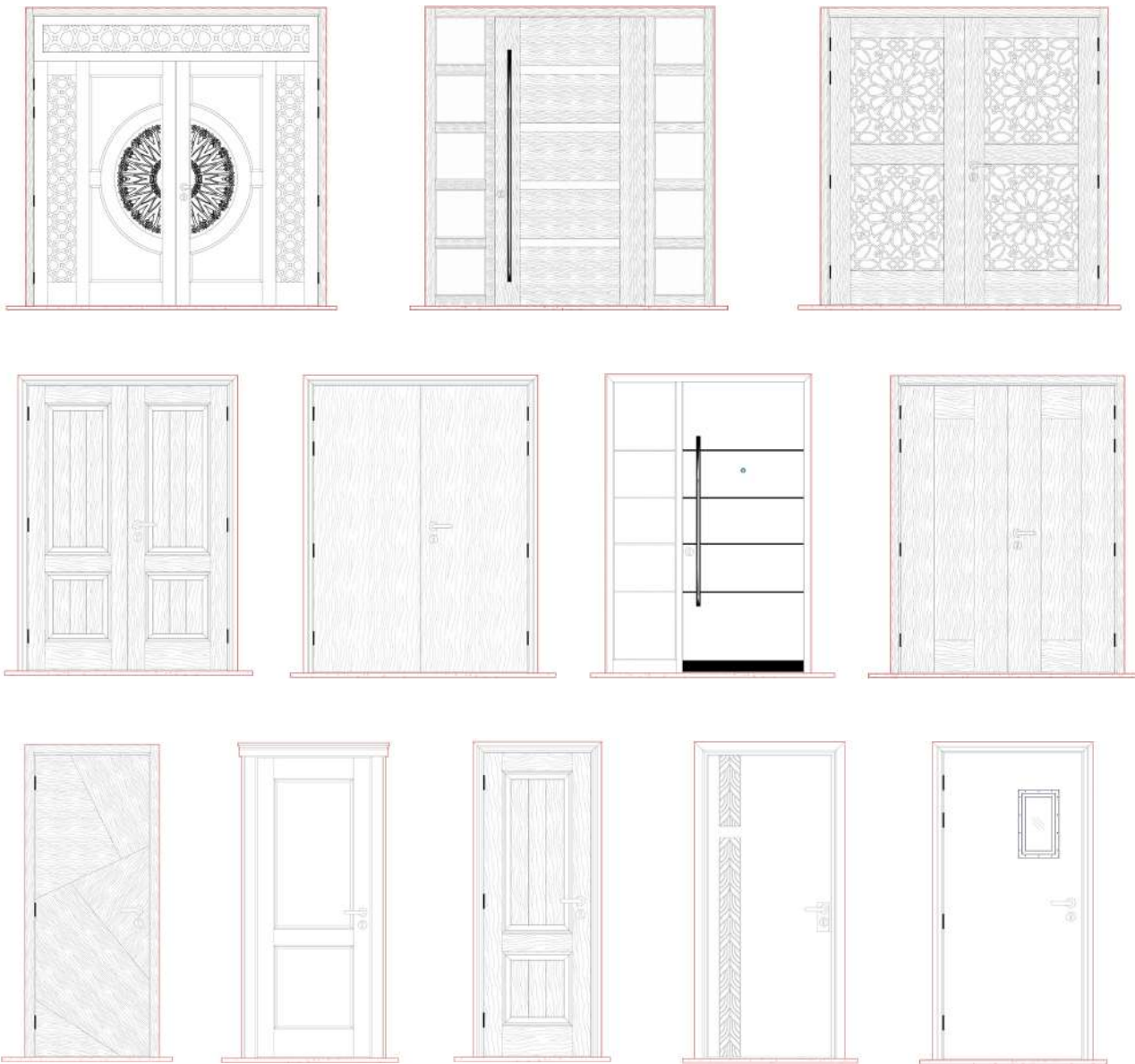


Wooden Details

Wood Finish



Door Configurations



General Hardware

Wooden Doors



Valli Handles



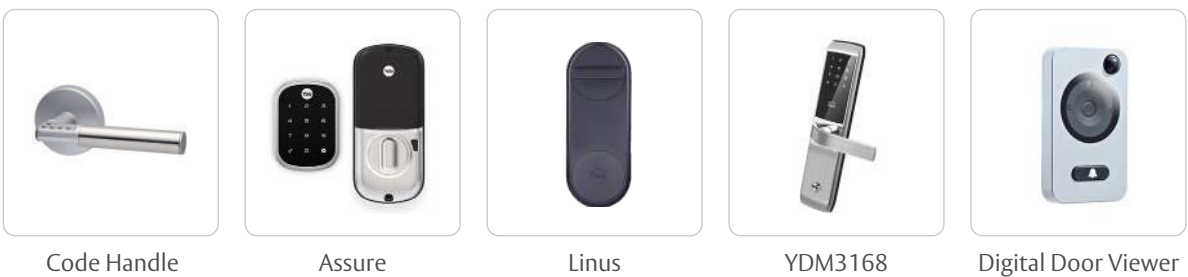
Yale Handles



Wooden doors hardware



Yale smart living lock



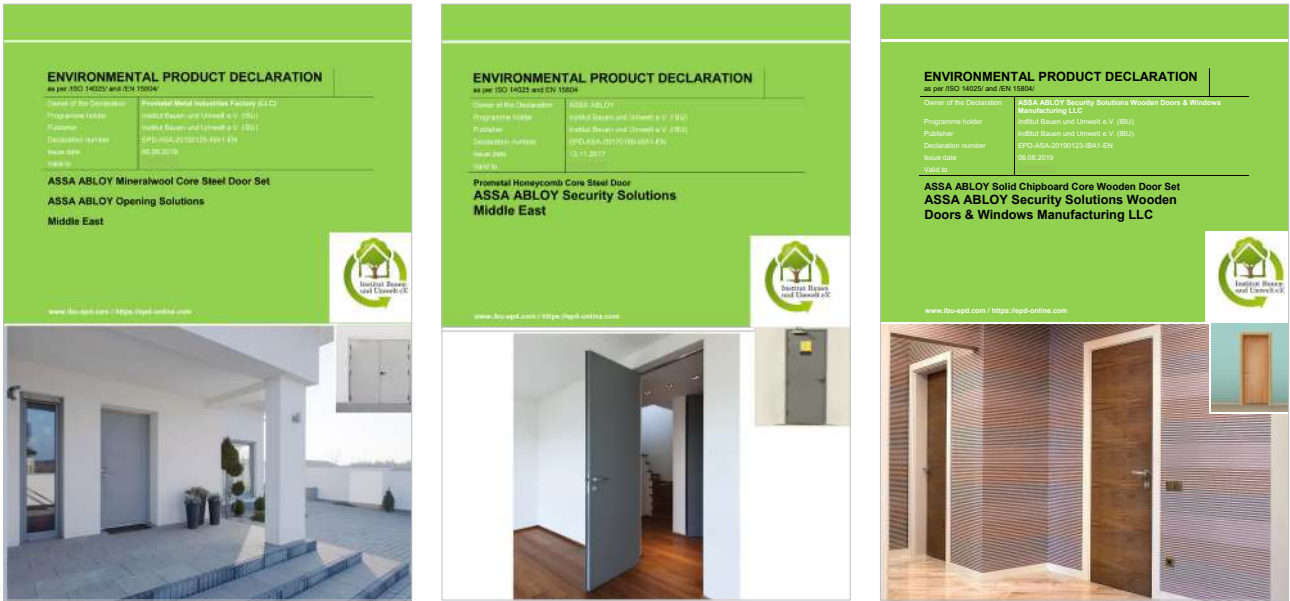
Specifying for green buildings

Security solutions for green building projects

ASSA ABLOY is committed to making sustainability an integral part of its product innovation process, creating inherently more efficient solutions, reducing cost and creating value for its customers.

Since 2008, ASSA ABLOY is leading the way towards a more transparent and sustainable global construction industry with its participation in the EPD program. Selecting EPD certified products can help specifiers achieve green building assessment target rating.

- Receive up to one full point in LEED V4
- Make informed decisions, by knowing exactly what is in our products
- Reduce buildings' environmental impact over the course of their lifecycle



Specification & BIM



An innovative, smart, BIM-enabled product specification tool Openings Studio™ streamlines collaboration and information sharing.

It's designed to help users create complete, tailored door opening solutions that add value throughout the building project lifecycle - from design and specification through to build and beyond.

- Fully integrated door opening solutions saves your time and effort
- Compliant with building regulations and project requirements for peace of mind
- Robust version control streamlines information sharing and specification
- Real-time 3D visualization, to enhance users' understanding and experience



BIM Door Solutions

We provide a comprehensive selection of complete door opening packages available for Revit. Opening the way to ease, convenience and accelerated specification, our solutions include:

- Stylish products with state-of-the art-technology to give your designs a distinctive edge
- Extensive choice of product families to meet a wide range of building applications
- Links to collateral data, such as environmental product declarations (EPD) to meet sustainability demands
- Continuous updates to incorporate new products and technologies

Projects

United Arab Emirates



DOWNTOWN VIEWS DUBAI



MUSEUM DUBAI



SEVENTH HEAVEN

Dubai

- | | |
|---|--|
| <ul style="list-style-type: none">● Habtoor City● Dubai Opera House● Jewel Of The Creek● Museum Of Future● Sky Views & Fountain Views - Down Town● Seventh Heven● Downtown Views● Burjuman Center Expansion 2A & 5E● Jumeirah Beach Residence 1 – 3 [14 Towers]● Royal Airwing – Dubai International Airport● Al Zahra Hospital – Al Barsha | <ul style="list-style-type: none">● Al Qassimmy Maternity Hospital● Dubai Central Prison● Dubai Motor City● Al Quoz Staff Accomodation● Dubai Industrial City: 1A, 2, 3, 5, 6 & 7● Dubai World Central - Head Quarters● East Hotel – Mall Of Emirates● Lebanon and Country Pavilion● Khazakisthan Pavilion Expo 2020● JAFZA Labor Accommodation● Fakeeh Hospital |
|---|--|

Projects

United Arab Emirates



HABTOOR CITY



SWEDISH PAVILION



DUBAI OPERA

Dubai

- | | |
|--|---|
| <ul style="list-style-type: none">● Polo Town Houses - Meydan● Shindagha Shopping Mall● Jafza Convention Center● Dubai Special Sports Club● Camel Hospital● La Mer Water Park● Gargash Hospital - Umm Al Sheif● Al Furjan● University Of Dubai● Al Osaimi Apartment & Beach Resort -Palm Jumeirah● Union Drug Addict Detention - Al Rowaiyah 3Rd● Mosque - Al Nahda | <ul style="list-style-type: none">● Marina Medical Center● Equestrian Centre -Sustainable City● MAG 214 Tower - JLT● Mohammed Bin Rashid Al Maktoum City - District One● UAE Pavilion Expo 2020● Expo 2020 Pavilion● Monaco Pavilion Expo 2020● Belarus Pavilion Expo 2020● Lithuania Pavilion Expo 2020● Thimatic District● Swedish Pavilion Expo 2020● Oman PAVilion Expo 2020 |
|--|---|

Projects

United Arab Emirates



AL REEM ISLAND



EMIRATES PALACE



ZAYED UNIVERSITY

Abu Dhabi

- | | |
|--|--|
| ● Conference Palace Hotel 13 / 18 & Pack 10B | ● Worker's Village (M-24) |
| ● Adnoc Headquarters | ● Al Mesk- Mussafah Industrial City |
| ● Zayed Sports City Phase 1 | ● Saadiyat Island |
| ● Al Reem Island Development | ● St. Regis Beach Resort |
| ● Capital Plaza Towers (A,B,C) | ● Jw Marriot Resort & Spa |
| ● Al Raha Village | ● Paris - Sorbonne University |
| ● Al Wahda Mall & Towers | ● Expansion Of Abu Dhabi International Airport |
| ● Ruwais Housing Package 2 & 4 | ● Etihad Tower |
| ● Between Two Bridges Hotel & Resort | ● Al Nagfa Mall |
| ● Hameem Projects | ● Eastern Mangrove Development |
| ● Site 307 Residential & Commercial Bldg. | ● City Seasons Hotel - |
| ● Al Dhafra Air Base | ● G+2+Roof Labour Accomodation (Muhaisnah) |

Projects

United Arab Emirates



CONRAD HOTEL - ABU DHABI



AL AIN HOSPITAL - AL AIN



VILLAS COMMUNITY - SHARJAH

Abu Dhabi

- | | |
|---|-----------------------------------|
| ● Conrad Hotel | ● Epc Fire Training Center @ Asab |
| ● Al Nasem Project | ● Abu Dhabi Future School |
| ● Masdar Institute Of Science & Technology | ● Cleave-land Clinic |
| ● Ruwais 4Th Ngl Train | ● Rahbah Hospital |
| ● Central Market Redevelopment - Al Qushawira | ● Qariyat Al Hidd Development |

Al Ain

- Fakih Medical Center
- 64 Villas Community

Sharjah

- Al Ain Hospital

Projects
Saudi Arabia



SHERATON HOTEL



PRINCESS NOURA UNIVERSITY



UMM AL QURA UNIVERSITY

Saudi Arabia

- | | |
|--|--|
| ● Princess Noura University (Pn 01) | ● Salboukh Expatriate Residential Compound (Antara Proj) |
| ● MOI - Strategic | ● Sabic Al Matrafiah Housing, Jubail |
| ● Um Al Qura University | ● Dialysis Center - Buraidah |
| ● Shoumaisi Emergency Lodging Camp | ● Government Agencies Compound (Gac) |
| ● Taibah Faculty Of Education | ● Al Rashid Villa Project (Cometic Villa) |
| ● Rc Doctors Housing Phase 2 | ● Qortuba Oasis Project - Riyadh |
| ● King Abdulaziz International Airport | ● Jizan Hospital |
| ● Sabic Head Quarters | ● Saudi Arabia National Guard Housing |
| ● Riyadh Metro - 3J1 | |
| ● Sang Housing Project | |

Projects
G.C.C.



QUIPCO TWIN TOWER - QATAR



HOLIDAY INN EXPRESS - BAHRAIN



RADISSON BLU RESORT - SOHAR - OMAN

Qatar

- | | |
|---|---|
| ● Capital Police Station | ● Al Baker Executive Towers |
| ● Motor Cycle Race Track | ● Construction Of Barwa City Phase 1 |
| ● Texas College | ● Qatar Silhoutte Tower |
| ● Quipco Twin Tower @ West Bay | ● Doha City Centre Expansion Phase Ii + Iii |
| ● Al Shaqab Equestrian Center | ● Rayyan Stadium |
| ● The Pearl Island – Parcel Pa010b & Pa 08A | ● Intercontinental Hotel |
| ● St. Regis Hotel & Residential Towers | ● X Ray Facility (China Railway) |

Oman

- FsgH Finish School - Gutech Halban
- Radisson Blu Resort - Sohar
- Poultry Farm
- Oman Botanic Garden

Bahrain

- Holiday Inn Express - Manama
- Electricity & Water Transmission Directorate
- The Resort Avenues Iii - Bahrain
- Diplomatic Commercial Twin Tower

Projects
G.C.C.



BUSINESS CENTER - KUWAIT



AL MAZA CITY CENTER



MARASSI - EGYPT

Kuwait

- | | |
|---|---|
| <ul style="list-style-type: none">● Kuwait Oil Sector● Al Bahr Head Quarters● Kuwait Business Town – Zone 3● Kuwait Internation Airport - Terminal 2● Sharq Tower● American University | <ul style="list-style-type: none">● Shagaya Renewable Energy Park● New Refinary Project Al Zour● Infrastructure Facilities For Eurofighter Typhoon● Sabah Al Salem University● Borg El Arab Sports Hall |
|---|---|

Egypt

- | | |
|---|---|
| <ul style="list-style-type: none">● Capital Ministries● Sodic● Marassi● Mivida | <ul style="list-style-type: none">● Mall Of Tanta● Hospital 57357 Care Center - Mansoura 3● Oriana Villas Cairo Festival City● Al Maza City Center |
|---|---|

Projects
Africa



COMMERCIAL BANK OF - ETHIOPIA



ADMIRALTY CARE HOSPITAL - NIGERIA



SABIS SCHOOL - KENYA

Nigeria

- Dangote Fertilizer Plant
- French Embassy
- Cornerstone Project
- Admiralty Care Hospital
- Dangote Fertilizer Plant (Pml So 18-0106)

Ethiopia

- Commercial Bank Of Ethiopia

Kenya

- Sabis School
- Primary Data Center-Npc
- Uas School House
- Serviced Apartment On Nyangumi Road
- Purshottam Project

Tanzania

- Morogoro Railway
- Tazama Doors
- Steel Doors for Medical Facility

Uganda

- Mulago Hills Hospital

Projects

STAN Countries



KNIGHSTBRIDGE - BAKU



WINTER BOULEVARD HOTEL - BAKU



DENIZ MALL

Azerbaijan

- Knights Bridge
- Winter Boulevard Hotel
- Qobu Power Plant
- Renessans Palace
- Basqal & Shabran Hotel
- Crescent Development Project

Turkey

- Tsfen Project

Kazakhstan

- Aktogai Expansion
- Kaz Minerals
- Aktogai Expansion
- KAZMINERALS
- Botanik Project
- IT University

Georgia

- Axis Towers - Tbilisi
- Axis Towers, Pullman Hotel - Tbilisi

Service

Maintenance

The importance of well-maintained functioning doors cannot be ignored. At ASSA ABLOY, we are committed to providing our customers with the absolute best service in the industry. We are one of the few organizations to offer a complete door set solution as well as service and maintenance packages for the end user. We offer a wide selection of services to provide exactly the level of care you need.

Fire Door Inspections

Fire Door inspections are essential to ensure health and safety measures. As part of the varied range of services we offer, we provide a comprehensive inspection, which can be carried out to suit your specific requirements. We offer inspections intervals.



Our team of inspectors will ensure that your fire doors meet all the required standards and regulations.

The inspection includes

- The identification of any potential issues that could affect safety and integrity of fire/exit doors
- A detailed report, offering advice and recommendations on the necessary improvements
- A repair proposal, which can include replacement of doors and a regular maintenance program, on request

Our highly skilled and continuously trained technicians are the specialists in inspecting fire doors.

For more information related to service, kindly reach us on 800 ASSA ABLOY or Email us at : info.me.openingsolutions@assaabloy.com

info.me.openingsolutions@assaabloy.com

CALL FOR SERVICE
800 ASSAABLOY

