

Doors

ASSA ABLOY
Opening Solutions

Technical Catalog

Experience a safer
and more open world





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THE ASSA ABLOY GROUP

The global leader in access solutions

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 48,353 employees and more than \$9.7 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.



ASSA ABLOY OPENING SOLUTIONS MIDDLE EAST

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.

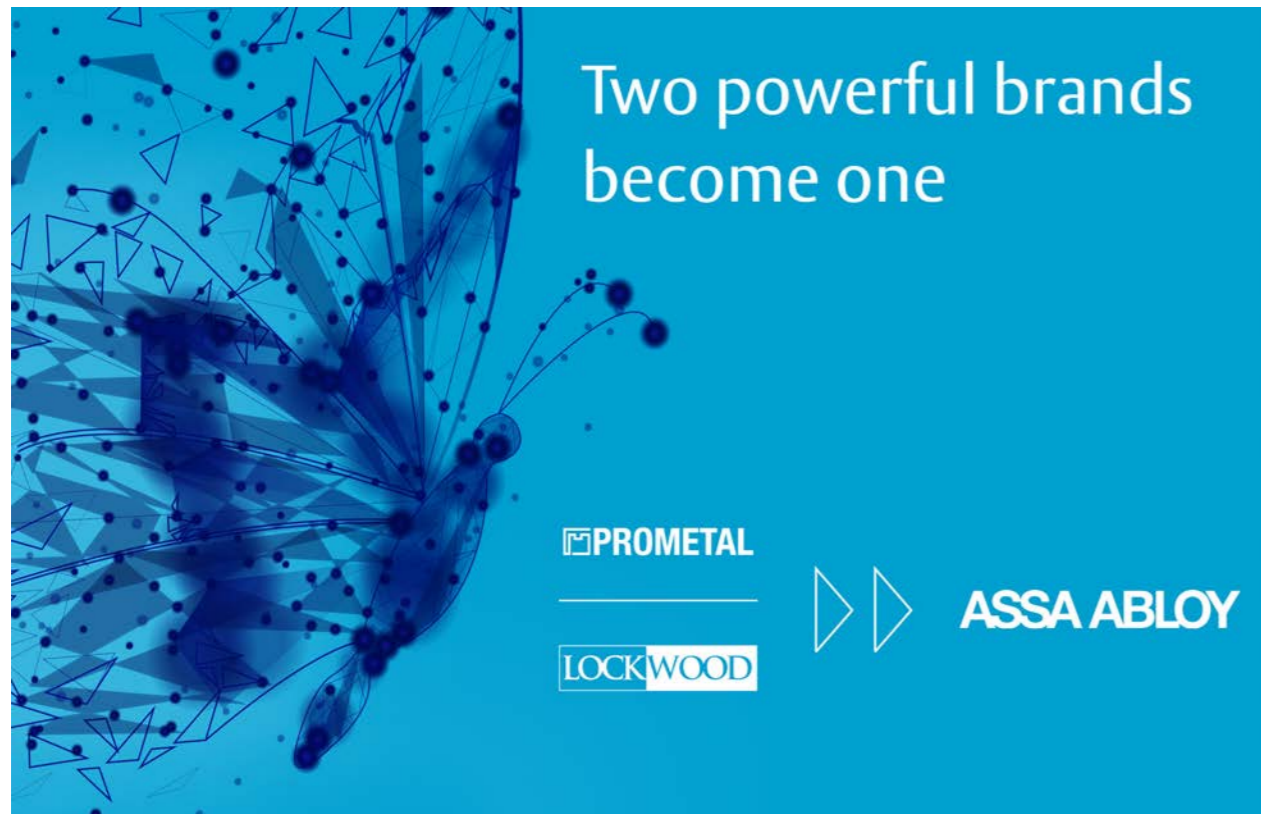
Our products offer ultimate security in combination with aesthetic appeal for architects and specifiers with a discerning eye for top quality solutions. From security doors and sophisticated access control technology to stylish ironmongery, our ability to mix form and function enables a range of robust 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



Two powerful brands
become one

PROMETAL
LOCKWOOD

ASSA ABLOY

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.”



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







Certification Body	Certificate Number	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		
BM-TRADA											
  	Q-MARK TBWIC Intertek UL	BS 476	Latched Single Acting Steel Doors	Double	46	2300 x 3000	Honeycomb	-	161 mins		
			Access panel, Pivot Hinged & Latched	Single	40	2400 (w)x2500(h)mm	Rockwool		180 mins		
			Access panel, Screw Fix Type	Single	30	600 (w)x600(h)mm	Honey Comb		151 mins		
			Single Leaf (Industrial Sliding) Door	Single	50	Leaf : 1050 x 2195					
		Latched Single Acting Steel Doors with VP	Single	60	1115 X 2235	Rock Wool	296 X 730 (0.216sq.m)	148 mins			
		Latched Single Acting Fully glazed Steel Doors.	Single	46	1170 X 2400	Honeycomb	748 X 1840 (1.376sq.m)	180 mins			
  	Q-MARK TBWIC Intertek UL	UL10c	Latched Single Acting Steel Doors	Double	46	2250 x 2995	Rock Wool	-	120 mins		
			Latched Single Acting Steel Doors	Single	46	1176 x 2400	Honeycomb				
			Latched Single Acting Steel Doors with Multi. VP.	Double	46	2400 (w)x2800(h)	Polyisocyanurate (PIR) Foam			200x600 (0.12sq.m) 4nos	120 mins
			Latched Single Acting Steel Doors with VP.	Single	46	1170 (w)x2400(h)	Rockwool			200x600 (0.12sq.m)	90 mins
UNDERWRITERS LABORATORIES (UL)											
  	Q-MARK TBWIC Intertek UL	UL10c	Latched Single Acting Steel Door, Kerf Frame, Door with VP.	Single	46	1010 X 2154 (2.176m2)	Rock Wool	100x910 (0.091 sq.m)	90 mins		
			Double	46	1913X 2574 (4.92m2)	100x400 (0.045sq.m)		180 mins			
THOMAS BELL WRIGHT + BM TRADA											
  	Q-MARK TBWIC Intertek UL	UL10c	Latched Single Acting Steel doors with Embedded ALU décor. cladding.	Double	60	Frame: 2400 X 2895	Rock Wool	-	90 mins		
		BS 476	Latched Single acting OVZ Steel door. with	Double	50	Frame: 2900 X 2995			99 mins		
		UL10c	Latched Single acting Steel door.	Single	46	Frame: 1300 X 2995	Honeycomb	500x500 (0.25m2)	90 mins		
							Rockwool	-	120 mins		




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
UL10c	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	300x600 (0.18m2)	90 mins
	Latched Swing Extra Oversize Double Leaf Door with WICKED Door on Active Leaf	Double	80 & 46	3800X 3550 (13.49m2) Wkt:900x2200mm		-	120 mins
BS 476 UL10c BS 476	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			
		Double	55	2000 X 2440			
UL10c	Double Egress Steel Frame with Wooden Door.	Double	56	2000 X 2500	Mineral Core	300x700 (0.21sq.m)	45 mins
		Single	55	1350 X 2440			90 mins
	Single Acting Steel Frame with Wooden Leaf Door.	Double	55	2000 X 2440			



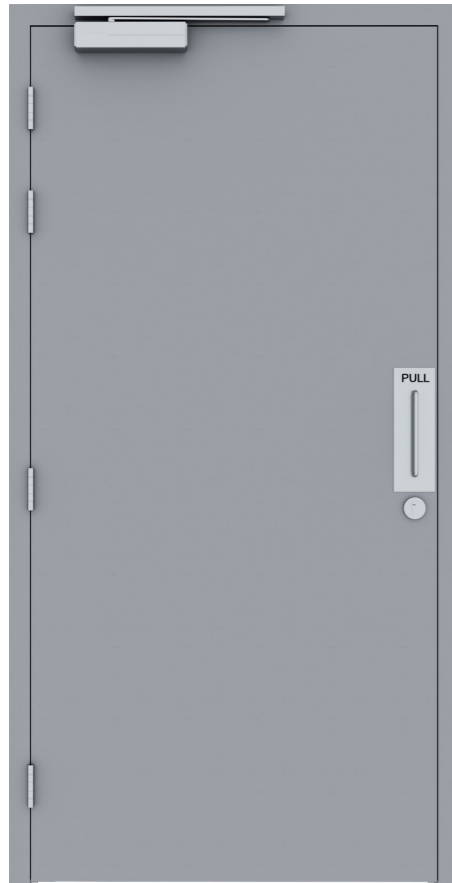
S. No	Report	Door Type	Standard	Rating	Frame Size
1	 Total Quality. Assured.	Rockwool (100) infilled double door (1.2, 46)	BS	180 minute	2400 x2500
2	 Total Quality. Assured.	Single leaf rockwool (100), 1.2, 46	EN	180 minute	1300 x 2400 x 100
3	 Total Quality. Assured.	Glazed Single leaf door	BS	180 minute	1170 x 2400
4	 Total Quality. Assured.	Double door rockwool (100) infill (1.2, 50)	BS	57 minute	2990 x 2995
5	 Total Quality. Assured.	Double door rockwool (40) infill (1.2, 50)	BS	99 minute	2910 x 3000 x 180
6	 Total Quality. Assured.	Double door rockwool (40) infill (1.2, 50)	BS	180 minute	3000x3000x150
7	 Total Quality. Assured.	Single door with Honeycomb (1.2, 50)	UL	90 minute	1300 x 2995
8	 Total Quality. Assured.	Single - action, latched, double leaf steel door assembly with vision panels (Honeycomb infill) (HC Infill) (1.2,46)	UL	120 minute	2500x2750x200
9	 Total Quality. Assured.	Single door with Rockwool (100) (1.2, 50)	UL	120 minute	1300 x 2995 x150
10	 Total Quality. Assured.	Single -action, latched, single leaf steel door assembly with vision panel (Rockwool infill) 100Kg, (1.2,46)	UL	120 minute	1300X3000X150
11	 Total Quality. Assured.	Specimen - 1: Single - action, latched, single leaf steel door assembly with vision panel (Rockwool infill) (100KG), (2,50) Specimen - 2: Single - action, latched, single leaf steel door assembly (Rockwool infill) (150KG), (1.5,56)	UL	120 minute	1300X3000X150 1300X2750X150

S. No	Report	Door Type	Standard	Rating	Frame Size
12	 Total Quality. Assured.	Double door with Rockwool (100) (1.2, 50)	UL	90 minute	2400 x 2600 x 180
13	 Total Quality. Assured.	Specimen: Single - action, latched, double leaf steel door assembly with vision panels (Rockwool infill) (100kg) (2,50)	UL	120 minute	2000x2700x150
14	 Total Quality. Assured.	Double door with passdoor Rockwool (40) (1.5, 80)	UL	120 minute	3800 x 3500 x 200
15	 Total Quality. Assured.	Single leaf door with vision panel rockwool 100, 1.5, 60	BS	148 minute	2235 x 1115 x 230 (double frame)
16	 Total Quality. Assured.	Single - action, latched, single leaf steel door assembly with vision panel (Rockwool infill) 100Kg, (1.8,50)	BS	180 minute	1400X3000X150
17	 Total Quality. Assured.	Single leaf door with stainless steel cladding	UL	30 minute	1300 x 2400 x 150
18	 Total Quality. Assured.	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) 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) (1.2, 47)	UL	120 minute	1300X2400X150 1300X2400X150

S. No	Report	Door Type	Standard	Rating	Frame Size
19	 Total Quality. Assured.	Double door with wicket Rockwool (100) (1.5, 83)	UL	180 minute	3800 x 3650 x 200
20	 Total Quality. Assured.	Double door with Honeycomb (1.2, 46)	EN	180 minute	2200 x 2995 x 120
21	 Total Quality. Assured.	Double door rockwool (150), 1.5,56	UL	120 minute	2700 x 3000 x 120
22	 Total Quality. Assured.	Category A doors - Single 90 minute, Double 180 minute	UL	90/180	per UL file
23	 Total Quality. Assured.	Specimen-1: Single action latched single leaf steel door assembly having rockwool infill (100kG) (1.2,46) Specimen-2: Single action latched single leaf steel door assembly having rockwool infill (100kG) (1.2,46)	UL	120 minute	1200X2995X200 1190X2550X105
24	 Total Quality. Assured.	Specimen: Single -action, latched, double leaf steel door assembly having Rockwool infill and Vision Panels (100kg) (1.2, 46)	UL	180 minute	2860x2860x200

S. No	Report	Door Type	Standard	Rating	Frame Size
25		Specimen: Single -action, latched, double leaf steel door assembly having Rockwool infill and Vision Panels (100kg) (1.2, 46)	UL	180 minute	2680x2680x180
26		Specimen -1: Single -action, latched, single leaf steel door assembly (Rockwool infill) (100kg) (1.2, 60) Specimen -2: Single -action, latched, single leaf steel door assembly with vision panel (Rockwool infill) (100kg) (1.2, 46)	UL	120 minute	1170x2500xx200 1354X2227x200
27		Category C Frames based on UL subject 63	UL	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

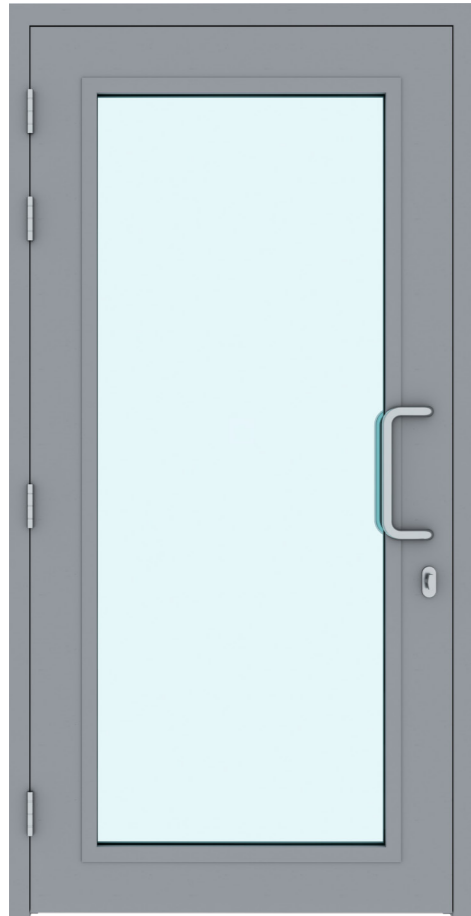
- Welded corner
- Knockdown corner

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.

As additional and optional accessories we offer:

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

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.

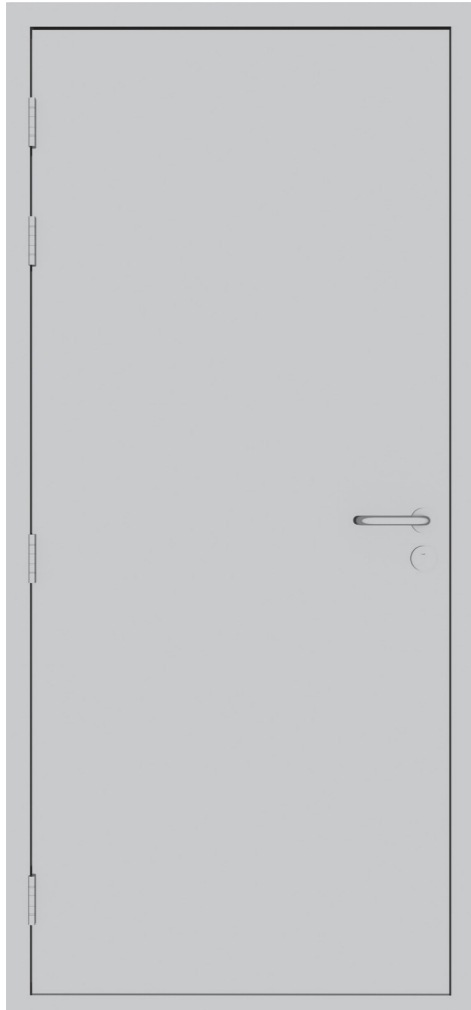


Frames

- 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 50 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

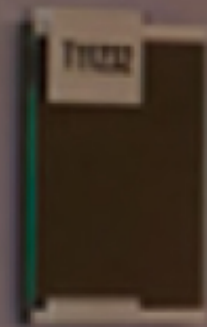


Doors Insulation & Acoustic Classification

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								
INTERTEK	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	1970x2185	RW Proprietary Core	STC 42	RW 42
			Single	56	1020x2185		STC 39	RW 39
			Double	56	1970x2185		STC 36	RW 37
			Double	56	1970x2185		STC 35	RW 37
ACOUSTIC LOGIC (ASSESSMENTS)								
ACO. LOGIC	ASTM E 413	Single Acting Steel Doors	Double	46	1970x2185	HC Proprietary Core	STC 43	
			Single	46	1970x2185	HC Proprietary Core		
			Single	46	1020x2185	RW Proprietary Core	STC 44	
			Double	46	1970x2185			
			Single	56	1020x2185			
			Double	56	1970x2185			
						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 R_w 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 R_w 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

High quality technology and design



SR2 and SR3 Certified High Security Doors

ASSA ABLOY ProSecure doors and frames are available in high security ranges. Certified by BRE laboratory from UK, our doors meet the highest security standards and requirements.

SR2 certified doors are ideal for office buildings and small shops, as well as any business that stores items worth a few thousand dirhams, located in heavily populated areas, in case if an unauthorised person tries accessing the premises.

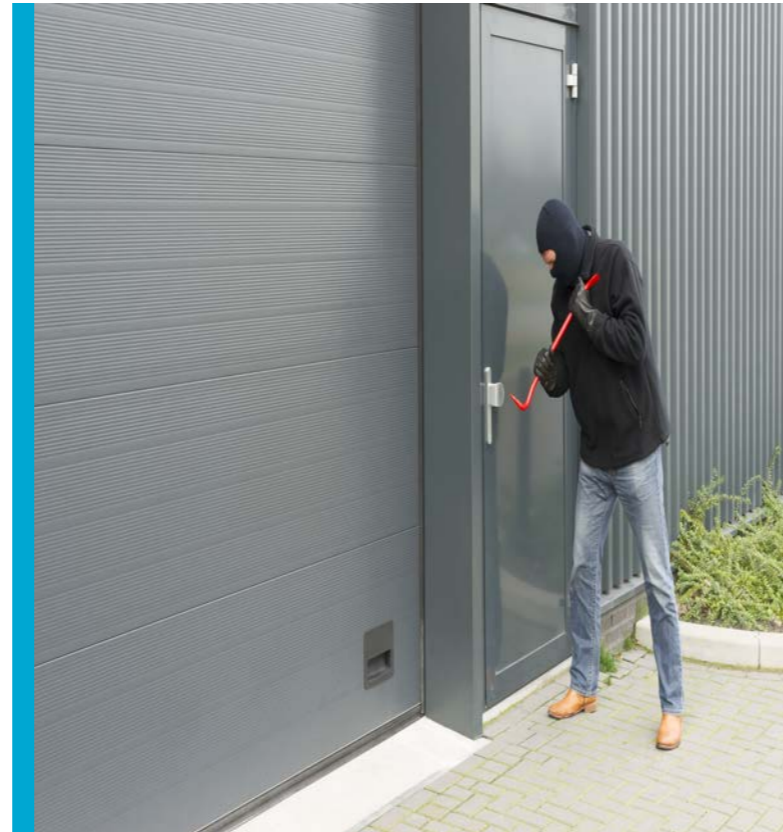
In case, if you need a much higher security protection level or your business is likely to be targeted by intruders, ASSA ABLOY proposes SR3 certified external security features to make sure your premises are protected.



Unique SR3 test features

In order to pass the strict requirements of SR3 procedure the door should be able to withstand an attack that lasts up to 5 minutes per tool from the intruder that will typically bring large hand tools, such as crowbars, hacksaws, and hammers, as well as items such as cordless drills and gas torches. If this is the level of protection you are looking for, our SR3 certified door will go extra mile to make sure your property is secured.

Security rating classification	Tool category	Maximum working time (minutes)	Maximum test duration (minutes)
SR1	A	1	10
SR2	B	3	15
SR3	C	5	20



Application

- VIP houses
- Utility Buildings
- Cashier Rooms
- Currency Exchanges
- Box Offices
- Airports
- Shopping Centers
- Embassies
- Municipal Buildings
- Hospitals
- Defence
- Stadiums

ProSecure 2 & ProSecure 3



Characteristics

- Range of sizes per classification
- Single or double leaf version with or without vision panel, flush, glazed or grill
- Door frames are made of steel



Material

The doors are made of steel sheets. Door leaves are filled with rockwool with vertical stiffeners



Finishing Options

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



Door Frames

- Welded corner

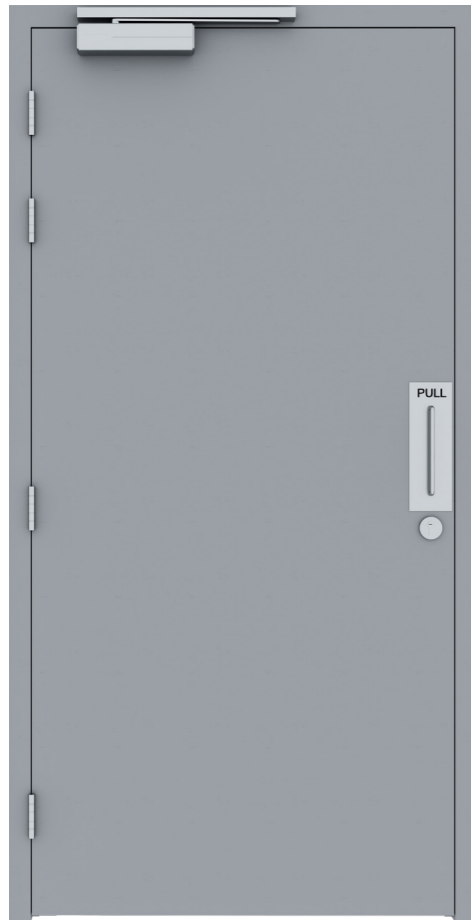


ASSA ABLOY security doors and frames are available in low, medium and high security range. Security from intruder attack is gained through the addition of a range of features. These doors are used in VIP houses, utility buildings, cashier rooms, currency exchanges, box offices, airports, government buildings, defence, embassies, etc as well as in many other security applications.

As additional and optional accessories we offer:

- Various types of ironmongery solutions from ASSA ABLOY
- Multi-point Security Locks (Mechanical or Electromechanical)
- Self-closing devices: door closers and door coordinators
- Access control and automatic operators connected with BMS
- Thresholds and various types of seals

ProSecure Blast Resistant Door



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

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.



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



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)

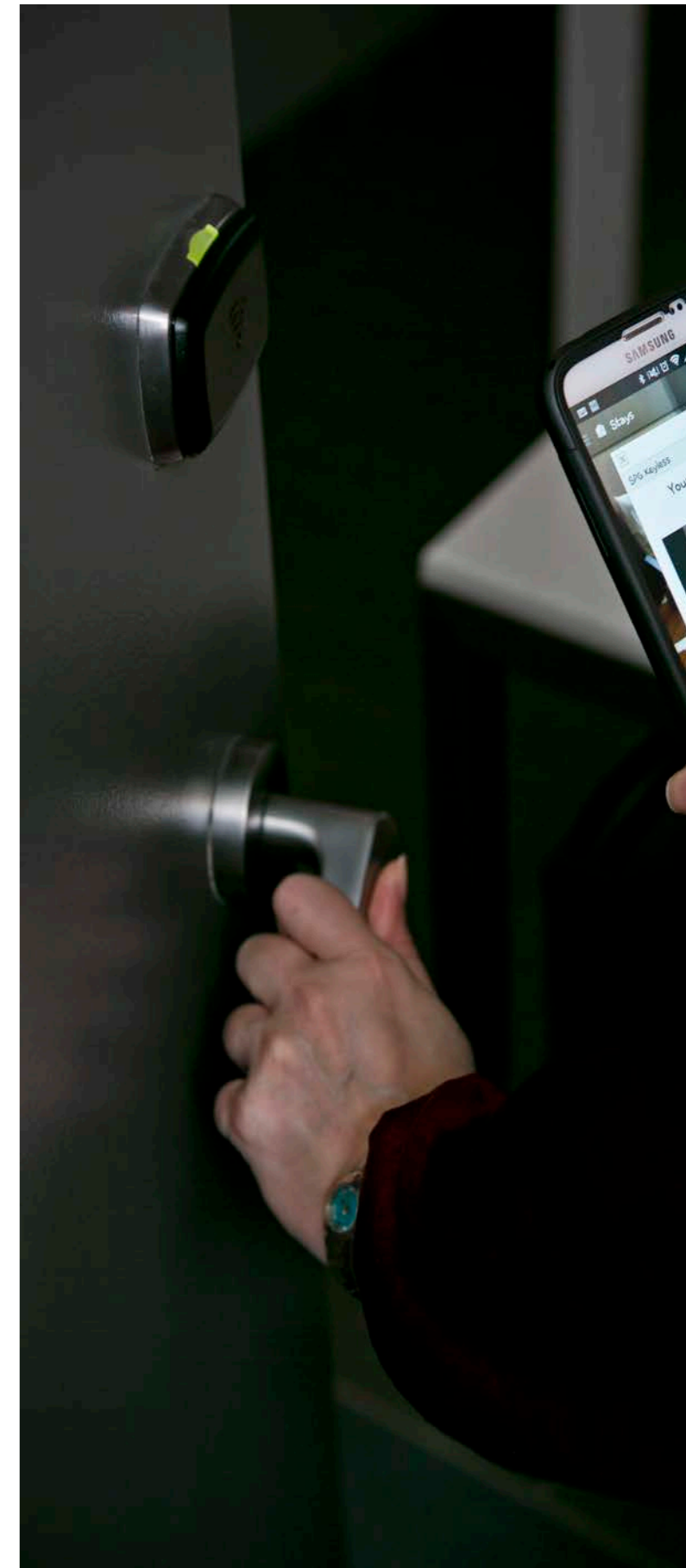


Door Frames


- 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

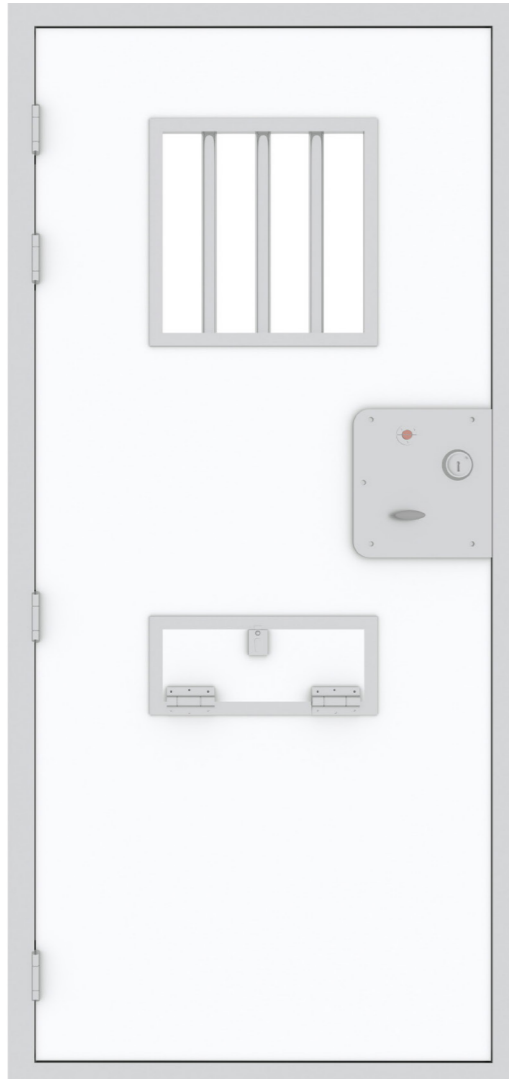


ProSecure Doors Ballistic Classification

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	1300x2250	SR2 Proprietary Core	NA	RC2 /WK2		
			1588b	Double	56	2400x2250					
ODL Engg	DIN EN 1627 to 1630:2011	RC2/WK2 Level Steel Doors	ODD162-ST-RPT-101 ODD162-ST-RPT-102	Single Double	56	1000x2200	RW+ Steel Stiiffened	300x750 (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	54	1000x2200	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	1000x2200	NA	Level-1			
			EURO MULTI TECH		DIN EN 1522/1523	Ballistic Rated Doors		EME- E12075 Rev-3a	56	1000x2200	Level-2 to 3
								56	1000x2200	Level-4	
56	1300x2750	100x600 (0.06sq.m)	SR2								
46	2650x2750		SR3								
56	1300x2750										
56	2650x2750										

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	
	ASCE, ASTM F 2247	BLAST DOOR -0.1 BAR	ODD200-ST-RPT-003 Rev:B	Single	80	1000x2200	RW+ Steel Stiiffened	NA	1.45 Psi/ 0.1 Bar	160	Seated	1
				Double	80	2000x2700						
				Double OVZ	80	3000x2800						
		BLAST WINDOW -0.1 BAR		Glass WINDOW	-	600x1500	Rated Glass	33 MM Thk. Blast Rated Glass (Vitrogard)				
		BLAST DOOR -0.21 BAR	ODD162-ST-RPT-201 Rev:0	Single	66	1400x2340	Proprietary Core	NA	3 Psi/ 0.21 Bar	120-150		
			ODD162-ST-RPT-004 Rev:3	Double	75	2230x2840						
BLAST DOOR - 0.41 BAR	ODD162-ST-RPT-06 Rev:1	Single	56	1100x2950			5.9 Psi/ 0.41 Bar					

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

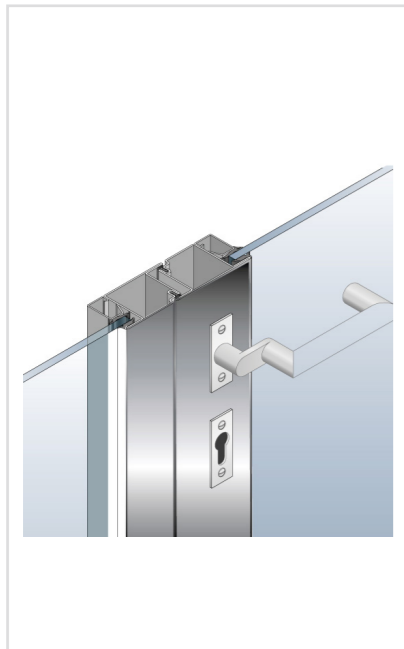


A photograph of a modern building with a unique architectural style. The building features large, arched windows and balconies with dark metal railings. The facade is a mix of dark grey panels and light-colored wood. The sky is overcast. A blue text box is overlaid on the right side of the image.

**Fire & Security Rated
Glazed Doors**

AAF-P50

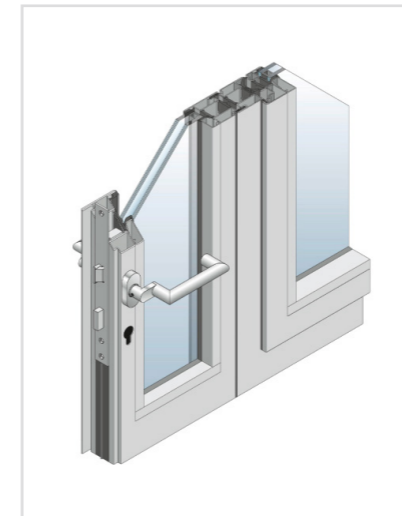
Non-thermally insulated doors & partitions



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

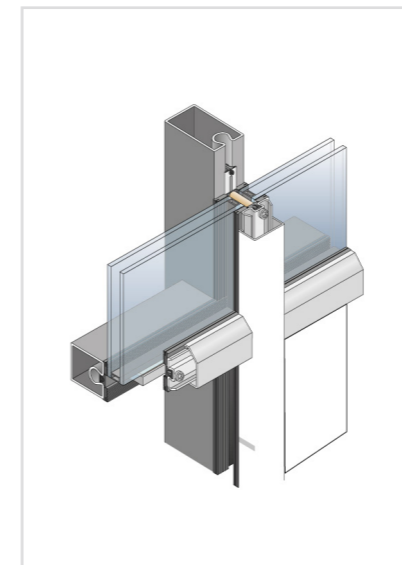
Advanced thermally insulated doors & partitions



Material	Zinc Magnesium coated steel
	Galvanized 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 Absorption 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



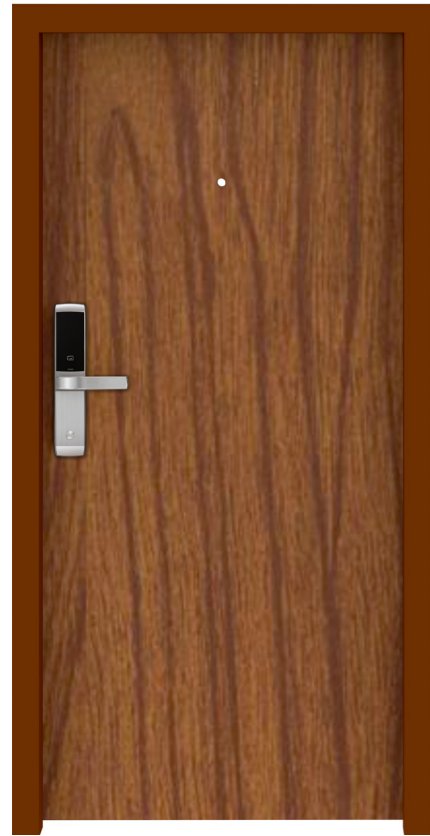
Material	Mild Steel
	Galvanized steel
	Stainless steel 304
Profile depth	45mm
Design Variants	Fire Rating up to EW120/EI120 (EN 1364-1)
	Fire Rating up to 2 hours (UL 263/NFPA 251)
	Ballistic Rating BR4,6,7 (EN 1522)
	Blast Rating EPR1(S) (EN 13123-1)
	Burglar Resistance RC 1-3 (EN 1627-1630)
	Sound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

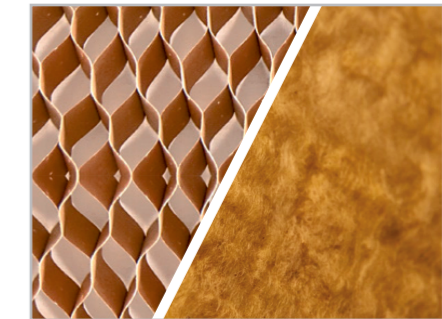
Wooden Finish Options

Elegant



Elegant Dark Elegant Medium Elegant Light

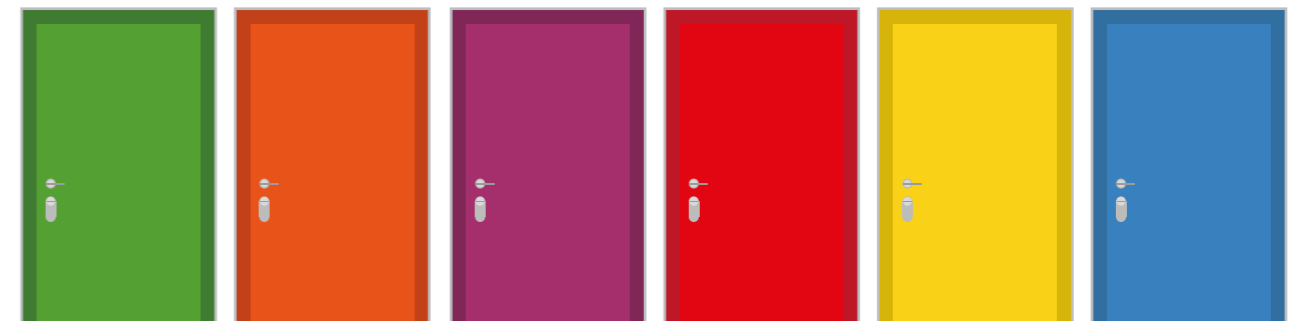
Infill Options



Honeycomb & Rockwool



Residential Door Colors



Green 6018 Orange 2008 Violet 4006 Red 3024 Yellow 1017 Blue 5012

Door configuration table

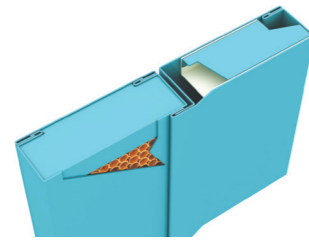
Model		Description	Size	Leaf Thickness	Sheet Thickness	Leaf Finish
Elegant	E1	Steel Door with wooden finish; Honeycomb infill	1000 x 2100	46	1.2 Frame, 1.0 Leaf	Wooden Finish
	E2				1.2 Frame, 1.2 Leaf	
	E3				1.5 Frame, 1.2 Leaf	
	E4				1.5 Frame, 1.5 Leaf	
	E5	Steel Door with wooden finish; Rockwool 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	

Typical Door Leaf Types

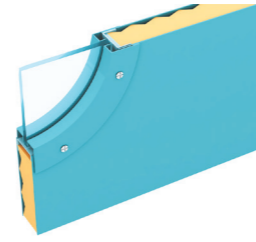
Leaf Section



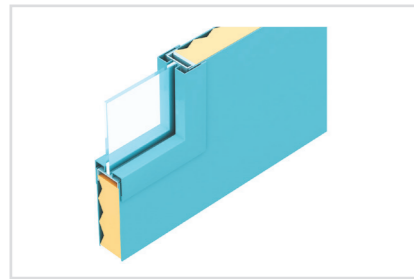
Double leaf-Flush Design



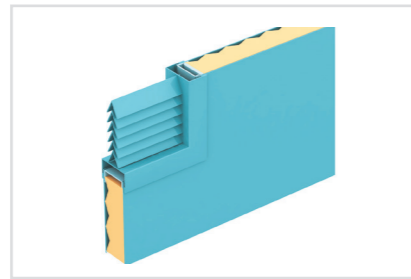
Double astragal detail



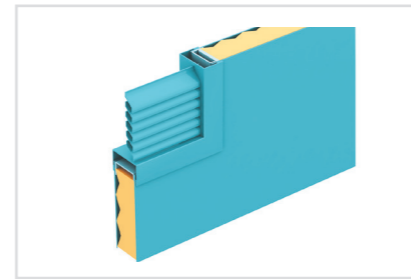
Round vision panel



Square vision panel

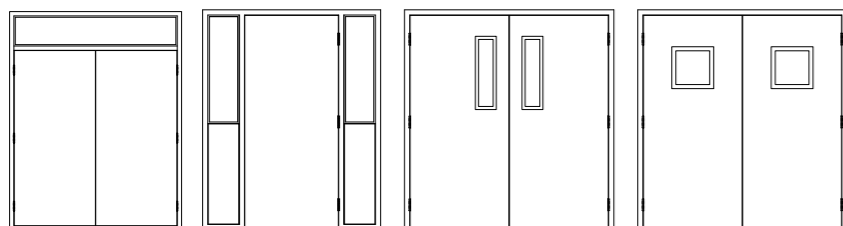
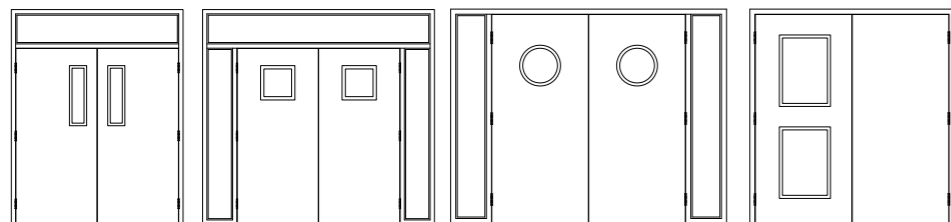
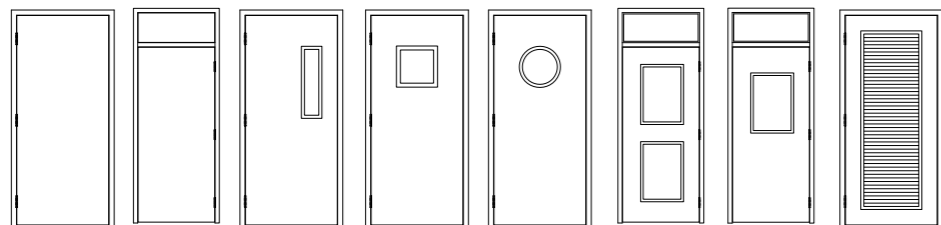


Louver- V shape



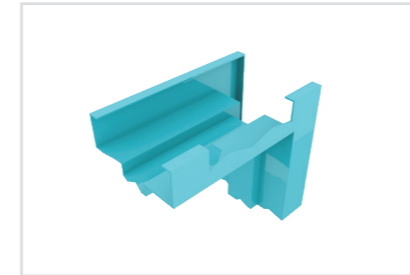
Louver- Z shape

Door Configurations

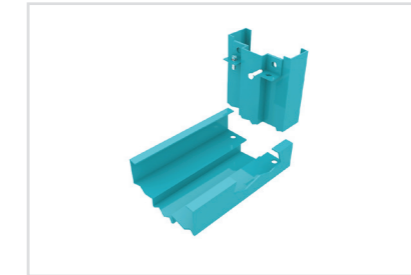


Frame Elevation Section / Fixing

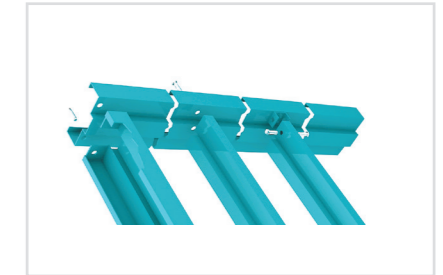
Frame Construction



Welded corner

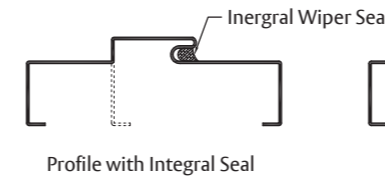


Knock down

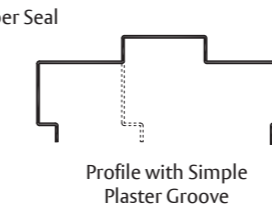


Butt bolted-Fixed- Removable

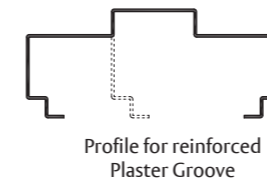
Frame Section



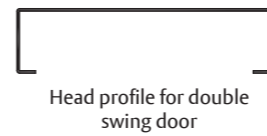
Profile with Integral Seal



Profile with Simple Plaster Groove



Profile for reinforced Plaster Groove



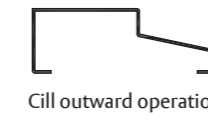
Head profile for double swing door



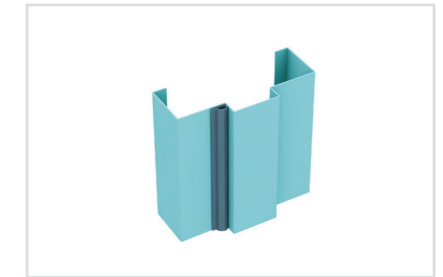
Cill inward operation



Profile for double swing door



Cill outward operation

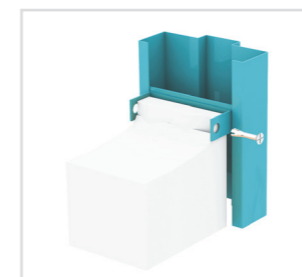


Self Adhesive Seal

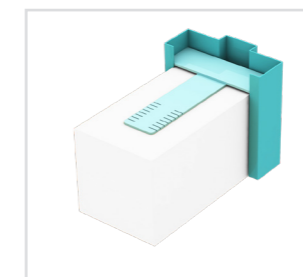


Integral Fin Seal

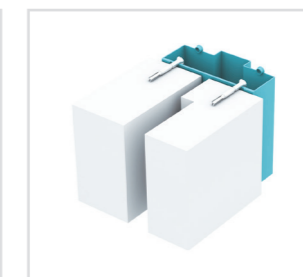
Frame Fixing



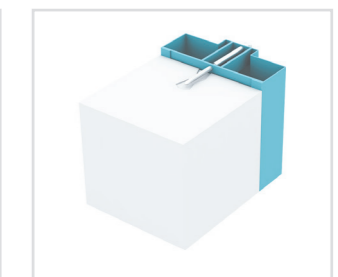
Side fixing



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

Standard Hardware Options



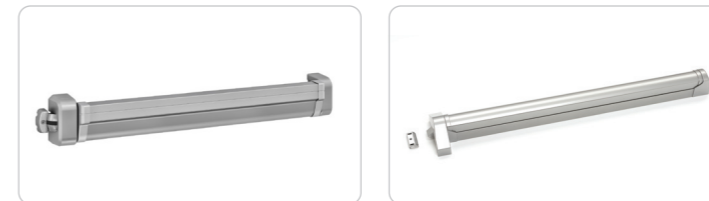
Narrow Lock Mortice Lock X-ray Lock ANSI Lockset



Code Handle Access Control Electric Strike Electronic Cylinder & Key



Over Head Door Closer Concealed Door Closer



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



Touch Free Exit Button Card Reader ANSI Panic Device

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 palettes 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	
  	 PART 22	1000	2200	55	Flush	-	Wood	Single	60 MIN.	
		990		68					180 x 360	
		1080	2190	59						
		1180		48						
		1990	2195	49						
		1284 (1250)	2217 (2200)	55		-	Steel	Double	Single	90 MIN.
		2034 (2000)						Double		
	 PART 22	1350	2500			300 x 700	Steel	Single		
								2430	Mineral board	
	 PART 22	2000				2440	Steel	Double		
			1350					Single		
			2000			2500	Mineral board	Double	Steel	45 MIN.
		2000								

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

Powered by: 

Linus locks

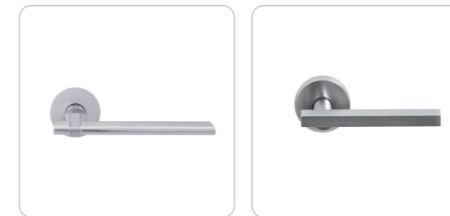


Valli & Valli Handles



H1062 Carmen

H1039 Fedra



H1065 Naked Due

H343 Duemila



Concealed door closer



Cylinder (Yale 2000 series)

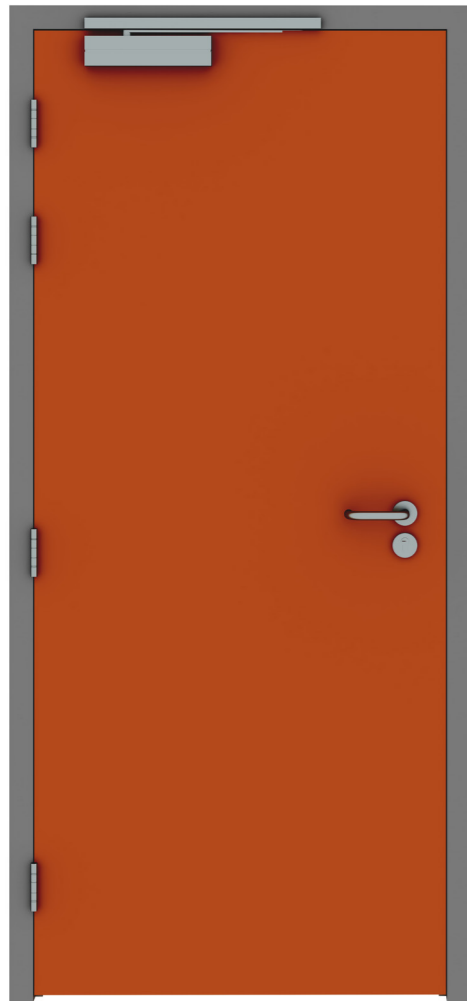
Mechatronic key

Digital Door Viewer

DC840

Health Series

Lead Line



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 palettes 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

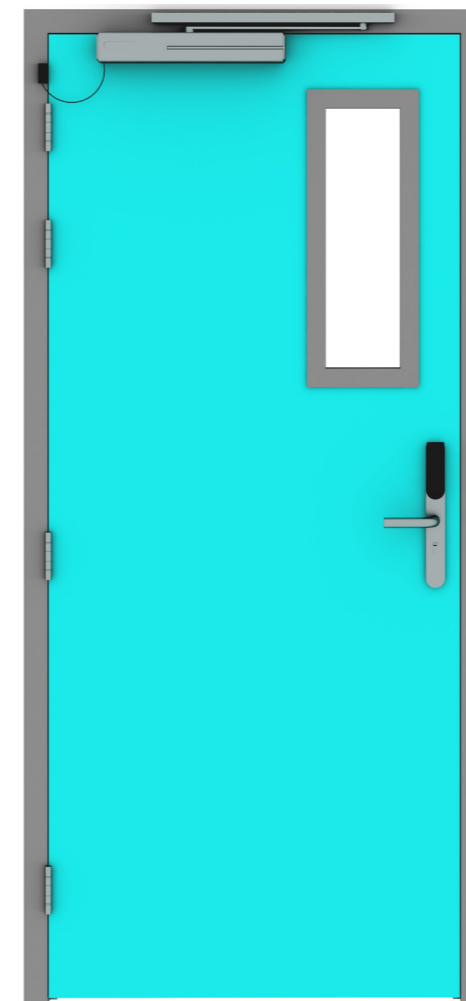


X-ray lock

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.

Healthcare Series

Patient Room Door



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 palettes in order to protect during the transport and the assembly.

- Single or double leaf
- Glazing or fire protection



Doors Frames

- Assembled
- Knock down

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.

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

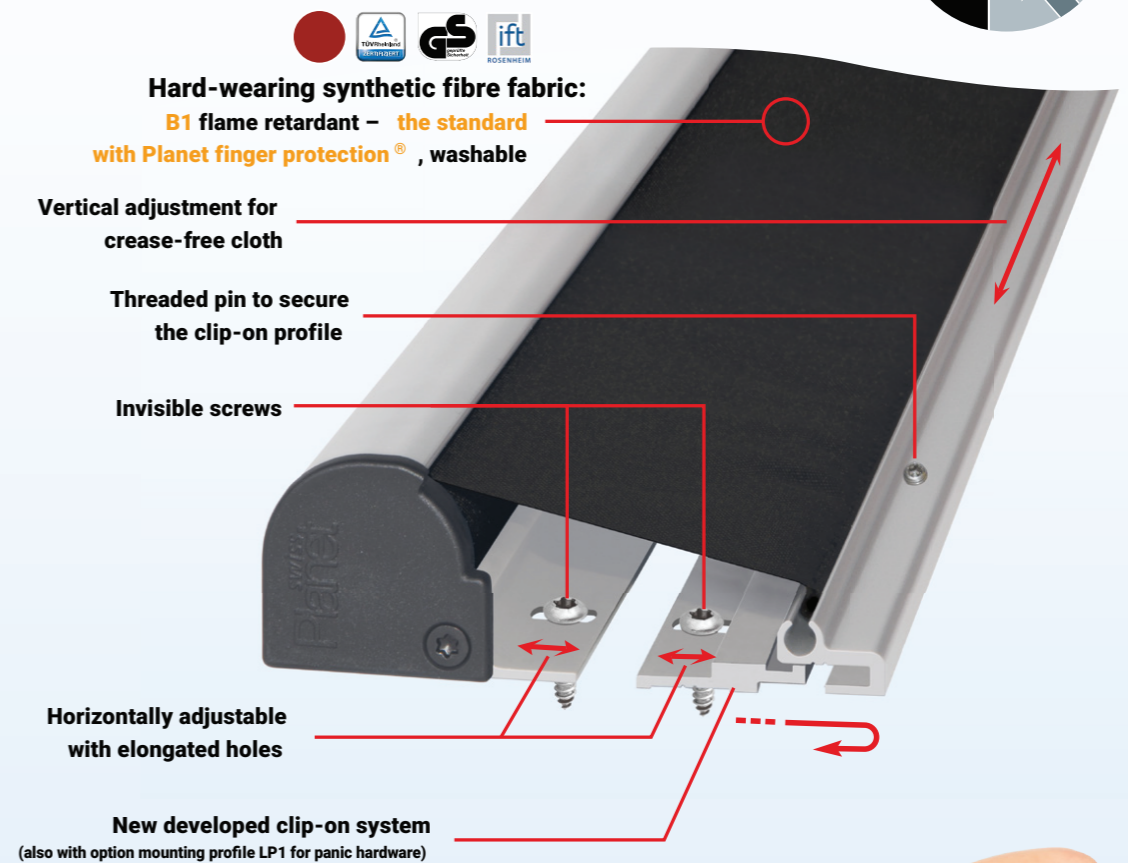
- Assembled
- Knock down
- Door frames are made of wood or steel

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



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 palettes in order to protect during the transport and the assembly.



Doors Frames

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

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.

Technical Details

Door Designs

Double Doors



Single Doors

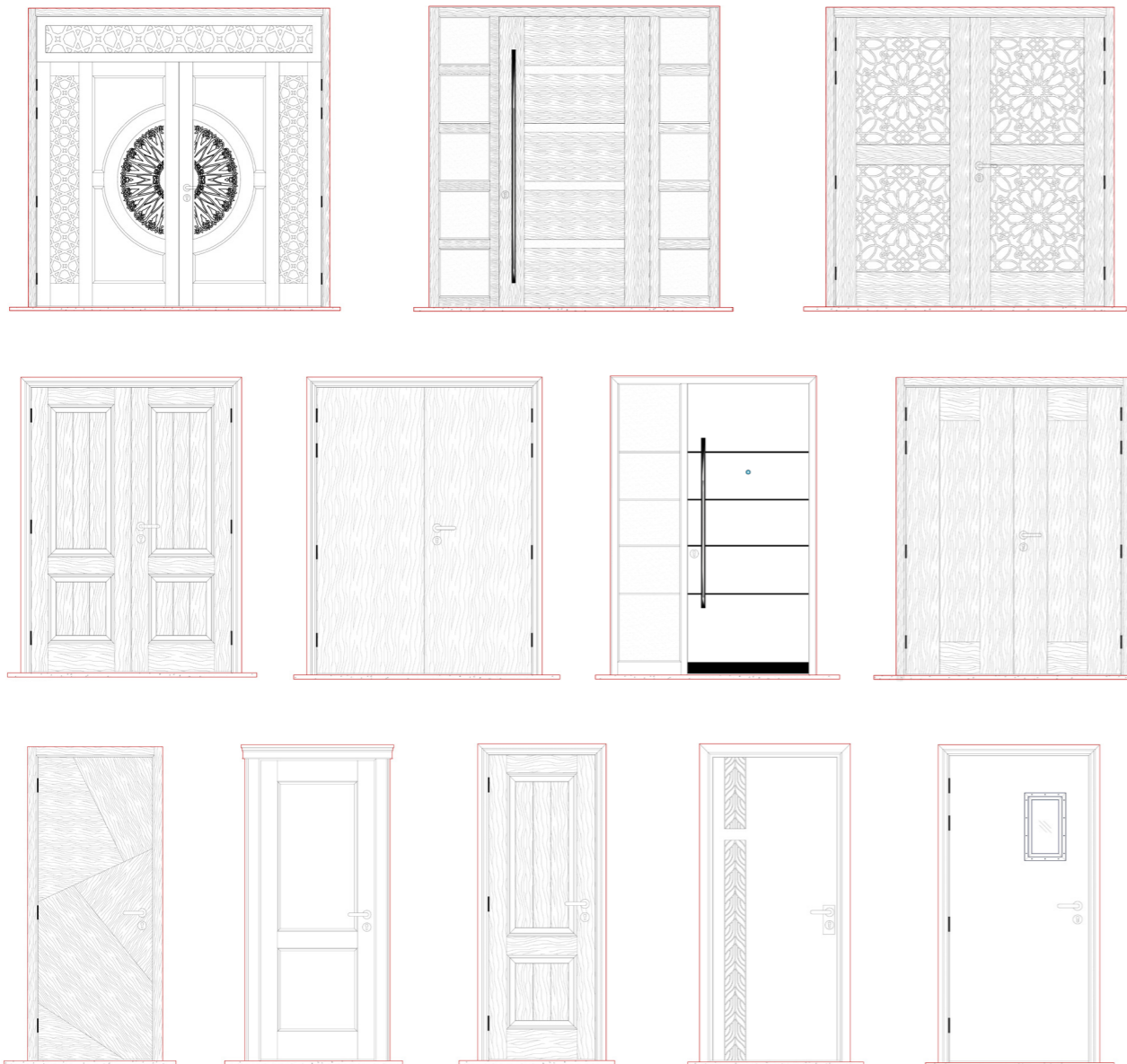


Wooden Details

Wood Finish



Door Configurations



General Hardware

Wooden Doors

Valli & Valli Handles



Yale Handles



Wooden doors hardware



Yale smart living lock



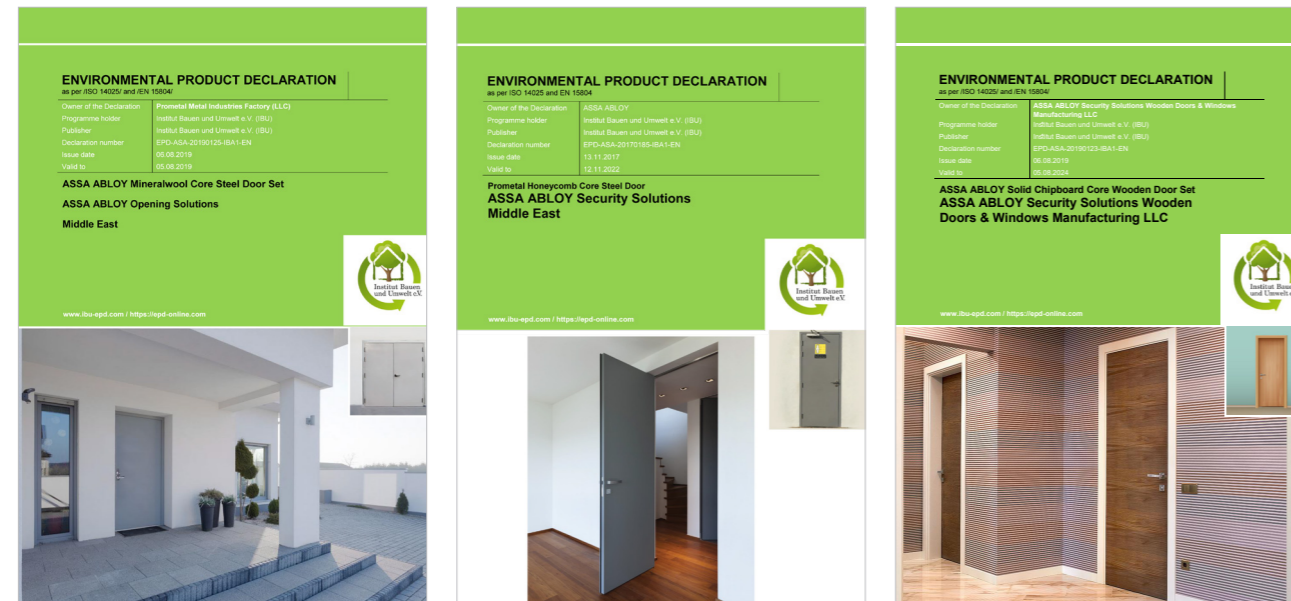
Specifying for green buildings

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:

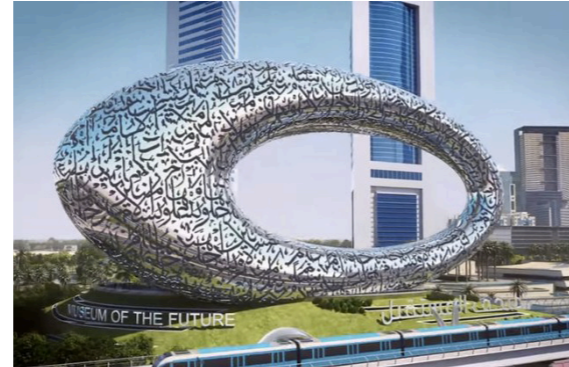
- Stylish products with state-of-the-art-technology to give your designs a distinctive edge
- Extensive choice of product families to meet a wide range of building applications
- Links to collateral data, such as environmental product declarations (EPD) to meet sustainability demands
- Continuous updates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

Projects

United Arab Emirates



DOWNTOWN VIEWS DUBAI



MUSEUM DUBAI



SEVENTH HEAVEN

Projects

United Arab Emirates



HABTOOR CITY



SWEDISH PAVILION



DUBAI OPERA

Dubai

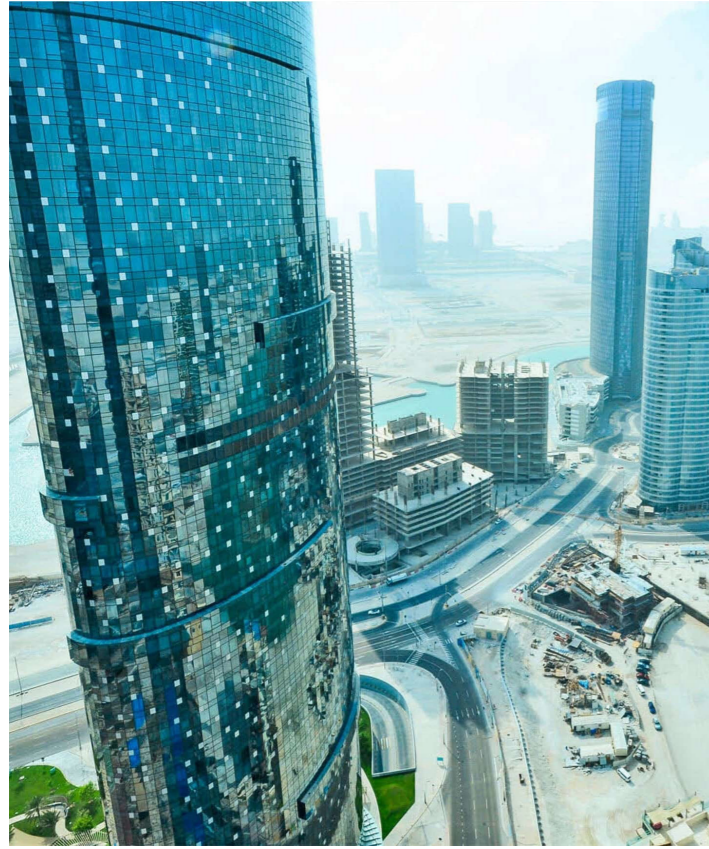
- Habtoor City
- Dubai Opera House
- Jewel Of The Creek
- Museum Of Future
- Sky Views & Fountain Views - Down Town
- Seventh Heven
- Downtown Views
- Burjuman Center Expansion 2A & 5E
- Jumeirah Beach Residence 1 – 3 [14 Towers]
- Royal Airwing – Dubai International Airport
- Al Zahra Hospital – Al Barsha
- Al Qassimyy 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

Dubai

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

Projects

United Arab Emirates



PPM CONRAD HOTEL - ABU DHABI



AL AIN HOSPITAL - AL AIN



VILLAS COMMUNITY - SHARJAH

Abu Dhabi

- Ppm Conrad Hotel
- Al Nasem Project
- Masdar Institute Of Science & Technology
- Ruwais 4Th Ngl Train
- Central Market Redevelopment - Al Qushawira

- Epc Fire Training Center @ Asab
- Abu Dhabi Future School
- Cleave-land Clinic
- Rahbah Hospital
- Qariyat Al Hidd Development

Al Ain

- Fakh Medical Center
- 64 Villas Community

Sharjah

- Al Ain Hospital

Projects

Saudi Arabia



SHERATON HOTEL



PRINCESS NOURA UNIVERSITY



UMM AL QURA UNIVERSITY

Saudi Arabia

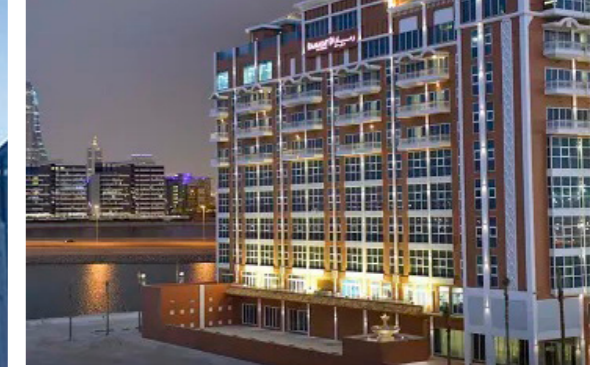
- Princess Noura University (Pn 01)
- MOI - Strategic
- Um Al Qura University
- Shoumaisi Emergency Lodging Camp
- Taibah Faculty Of Education
- Rc Doctors Housing Phase 2
- King Abdulaziz International Airport
- Sabic Head Quarters
- Riyadh Metro - 3J1
- Sang Housing Project
- Salboukh Expatriate Residential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

Projects

G.C.C.



QUIPCO TWIN TOWER - QATAR



HOLIDAY INN EXPRESS - BAHRAIN



RADISSON BLU RESORT - SOHAR - OMAN

Qatar

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

- Kuwait Oil Sector
- Al Bahr Head Quarters
- Kuwait Business Town – Zone 3
- Kuwait Internation Airport - Terminal 2
- Sharq Tower
- American University
- Shagaya Renewable Energy Park
- New Refinary Project Al Zour
- Infrastructure Facilities For Eurofighter Typhoon
- Sabah Al Salem University
- Borg El Arab Sports Hall

Egypt

- Capital Ministries
- Sodic
- Marassi
- Mivida
- 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

Kazakhstan

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

Turkey

- Tsfen Project

Georgia

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

Service

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.



QUARTERLY



HALF YEARLY



ANNUALLY

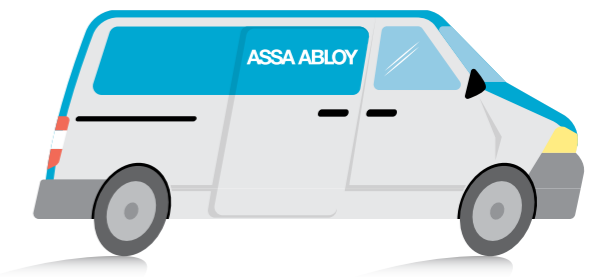
Our team of inspectors will ensure that your fire doors meet all the required standards and regulations.

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



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, business and institutions. Our offering includes doors, door and window hardware, locks, access control and service.

ASSA ABLOY
Opening Solutions